

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021108.D
 Acq On : 06 Feb 2025 13:38
 Operator : SY/MD
 Sample : Q1168-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 02:31:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	188768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	299515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	254813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	111615	57.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.420%			
35) Dibromofluoromethane	7.640	113	107094	55.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.580%			
50) Toluene-d8	10.109	98	394904	54.040	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.080%			
62) 4-Bromofluorobenzene	12.408	95	131050	54.893	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	11257	6.691	ug/l	91
3) Chloromethane	2.074	50	10663	6.423	ug/l	99
4) Vinyl Chloride	2.208	62	10386	6.215	ug/l	100
5) Bromomethane	2.598	94	7401	7.166	ug/l	88
6) Chloroethane	2.739	64	6432	6.466	ug/l	93
7) Trichlorofluoromethane	3.062	101	18430	6.054	ug/l	97
8) Diethyl Ether	3.464	74	5592	5.884	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	10612	5.554	ug/l	92
10) Methyl Iodide	4.013	142	10365	4.883	ug/l	92
11) Tert butyl alcohol	4.872	59	4612	35.189	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	10155	5.642	ug/l	96
13) Acrolein	3.653	56	5633	27.911	ug/l	94
14) Allyl chloride	4.397	41	17144	5.652	ug/l	97
15) Acrylonitrile	5.074	53	11321	28.606	ug/l	94
16) Acetone	3.879	43	9209	30.532	ug/l	91
17) Carbon Disulfide	4.110	76	29588	5.242	ug/l	96
18) Methyl Acetate	4.391	43	6186	5.842	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	26380	5.799	ug/l	100
20) Methylene Chloride	4.622	84	11559	6.165	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	10793	5.448	ug/l	99
22) Diisopropyl ether	6.025	45	35429	5.666	ug/l	93
23) Vinyl Acetate	5.964	43	95975	27.535	ug/l	100
24) 1,1-Dichloroethane	5.927	63	20445	5.581	ug/l	99
25) 2-Butanone	6.903	43	14685	29.629	ug/l	94
26) 2,2-Dichloropropane	6.884	77	18914	5.580	ug/l	94
27) cis-1,2-Dichloroethene	6.903	96	12439	5.455	ug/l	93
28) Bromochloromethane	7.250	49	8678	5.991	ug/l	100
29) Tetrahydrofuran	7.274	42	9734	29.024	ug/l	94
30) Chloroform	7.427	83	21336	5.670	ug/l	99
31) Cyclohexane	7.707	56	20566	6.234	ug/l #	86
32) 1,1,1-Trichloroethane	7.616	97	19450	5.560	ug/l	99
36) 1,1-Dichloropropene	7.841	75	15031	5.287	ug/l	99
37) Ethyl Acetate	6.994	43	7475	5.993	ug/l #	95
38) Carbon Tetrachloride	7.823	117	17835	5.369	ug/l	95
39) Methylcyclohexane	9.116	83	17481	5.027	ug/l	97
40) Benzene	8.085	78	46227	5.541	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	3160m	4.379	ug/l	
42) 1,2-Dichloroethane	8.165	62	12959	5.599	ug/l	99
43) Isopropyl Acetate	8.207	43	13646	5.506	ug/l	97
44) Trichloroethene	8.872	130	11937	5.538	ug/l	84
45) 1,2-Dichloropropane	9.146	63	10912	5.510	ug/l	93
46) Dibromomethane	9.238	93	5988	5.461	ug/l	95
47) Bromodichloromethane	9.426	83	16075	5.466	ug/l #	97
48) Methyl methacrylate	9.225	41	5670	5.023	ug/l	96
49) 1,4-Dioxane	9.238	88	1043	102.182	ug/l #	72
51) 4-Methyl-2-Pentanone	10.000	43	33772	27.099	ug/l	97
52) Toluene	10.176	92	28419	5.425	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	14107	5.343	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	16337	5.226	ug/l	90
55) 1,1,2-Trichloroethane	10.573	97	7949	5.598	ug/l	92
56) Ethyl methacrylate	10.445	69	9871	5.197	ug/l #	90
57) 1,3-Dichloropropane	10.725	76	13612	5.539	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	22101	24.457	ug/l	99
59) 2-Hexanone	10.768	43	20659	25.746	ug/l	96
60) Dibromochloromethane	10.914	129	10715	5.374	ug/l	99
61) 1,2-Dibromoethane	11.018	107	7374	5.545	ug/l	95
64) Tetrachloroethene	10.652	164	10087	5.333	ug/l	94
65) Chlorobenzene	11.444	112	30668	5.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	11090	5.500	ug/l	98
67) Ethyl Benzene	11.524	91	52005	5.182	ug/l	98
68) m/p-Xylenes	11.633	106	38994	10.387	ug/l	99
69) o-Xylene	11.957	106	18148	5.185	ug/l	97
70) Styrene	11.975	104	29940	5.132	ug/l	97
71) Bromoform	12.139	173	6291	5.605	ug/l #	94
73) Isopropylbenzene	12.261	105	48004	5.069	ug/l	100
74) N-amyl acetate	12.072	43	9929	4.796	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	8715	5.534	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	6176m	5.616	ug/l	
77) Bromobenzene	12.536	156	11817	5.408	ug/l	96
78) n-propylbenzene	12.597	91	59521	5.276	ug/l	100
79) 2-Chlorotoluene	12.682	91	34388	5.323	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	39339	5.124	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	2719	5.045	ug/l	92
82) 4-Chlorotoluene	12.780	91	35781	5.436	ug/l	99
83) tert-Butylbenzene	12.999	119	34802	4.987	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	39166	5.217	ug/l	97
85) sec-Butylbenzene	13.182	105	50871	5.064	ug/l	97
86) p-Isopropyltoluene	13.298	119	41436	4.966	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	22876	5.422	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	22830	5.495	ug/l	94
89) n-Butylbenzene	13.621	91	37141	4.879	ug/l	97
90) Hexachloroethane	13.883	117	9086	5.219	ug/l	83
91) 1,2-Dichlorobenzene	13.664	146	20423	5.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1189	5.052	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	9231	4.528	ug/l	89
94) Hexachlorobutadiene	15.029	225	7031	5.205	ug/l	99
95) Naphthalene	15.151	128	15341	4.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	8287	4.885	ug/l	98

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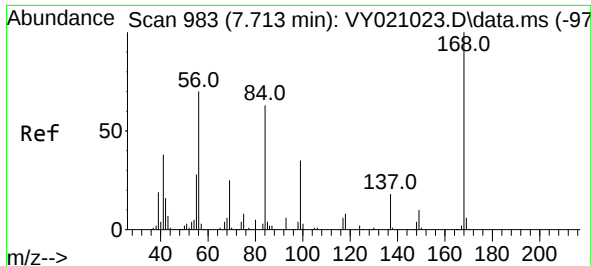
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

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Quant Title : SW846 8260
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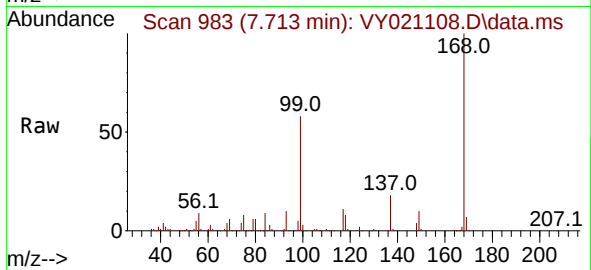
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021108.D
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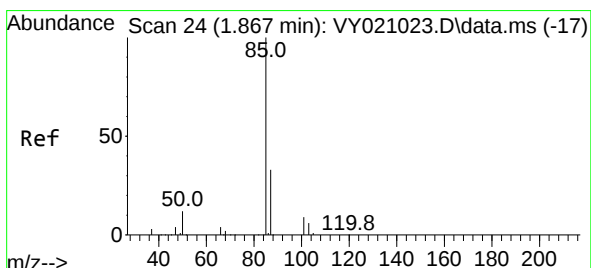
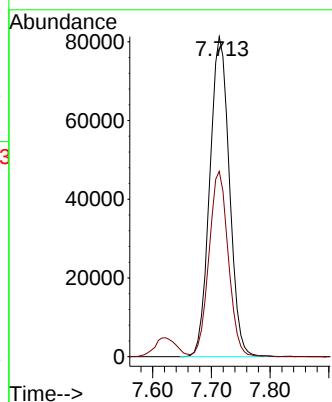
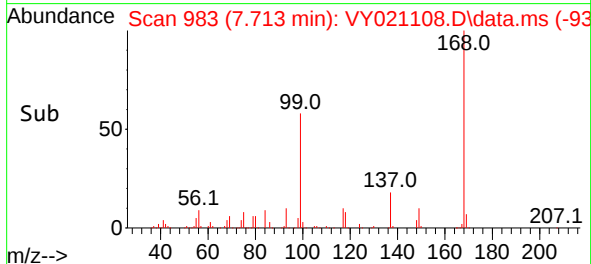
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion:168 Resp: 188768
Ion Ratio Lower Upper
168 100
99 57.8 44.2 66.4

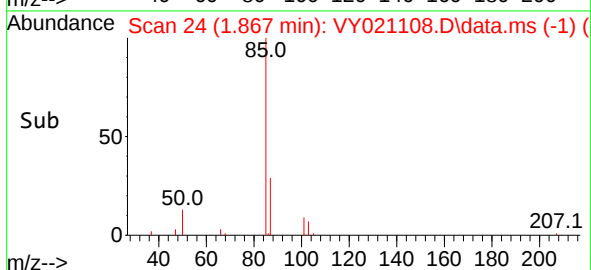
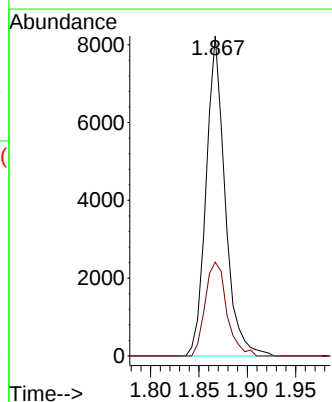
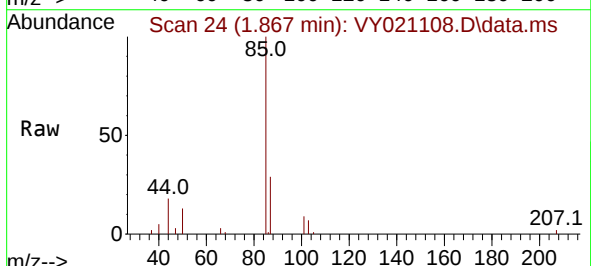
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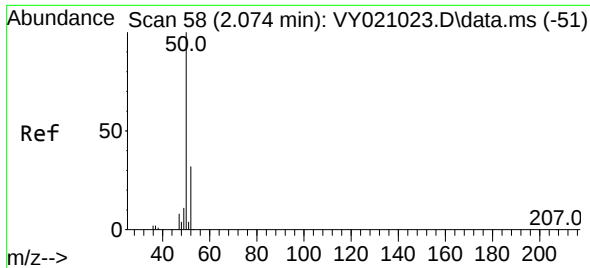
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#2
Dichlorodifluoromethane
Concen: 6.691 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

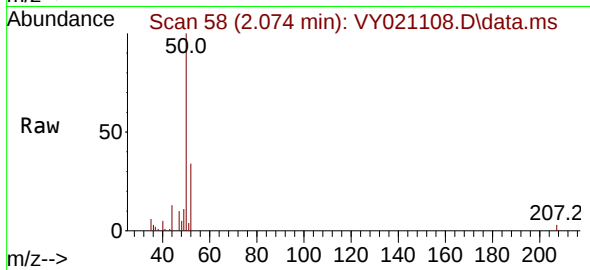
Tgt Ion: 85 Resp: 11257
Ion Ratio Lower Upper
85 100
87 29.3 17.1 51.3





#3
Chloromethane
Concen: 6.423 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

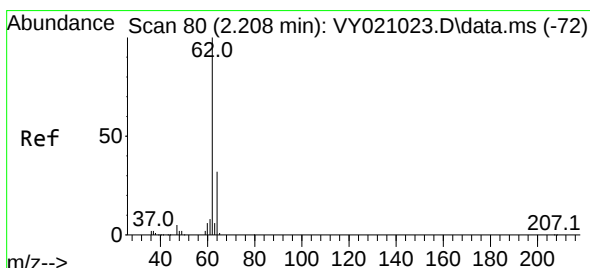
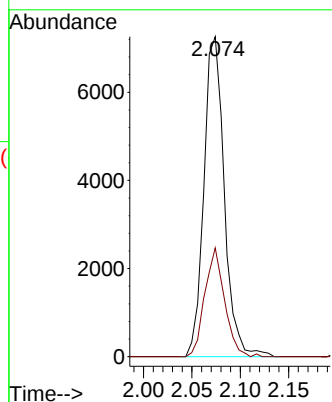
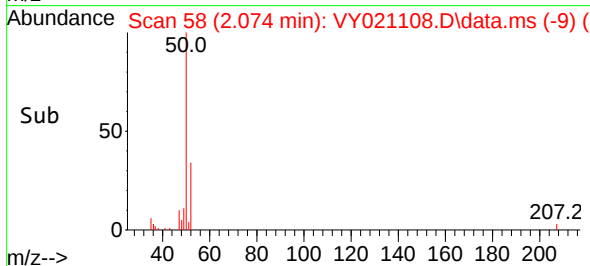
Instrument :
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Tgt Ion: 50 Resp: 1066
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1

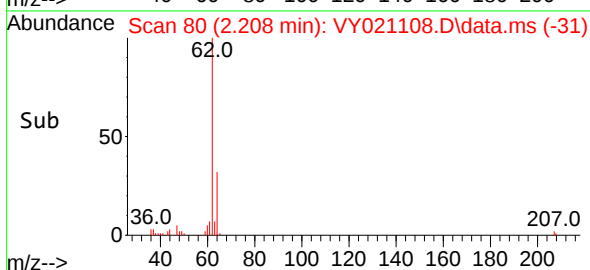
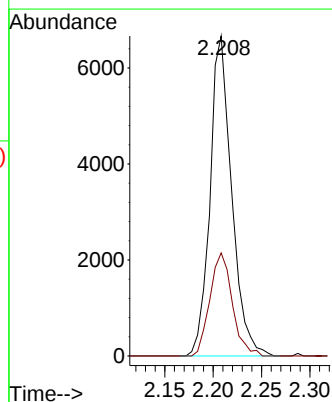
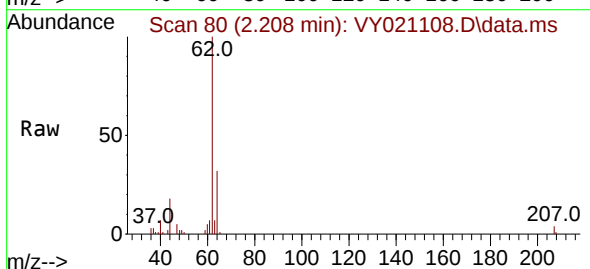
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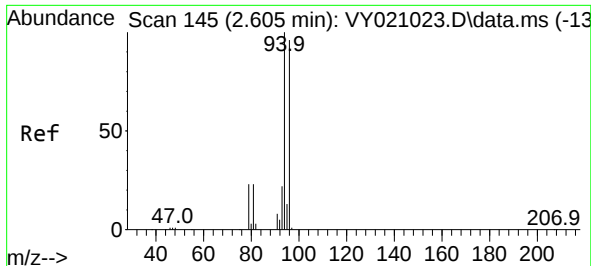
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#4
Vinyl Chloride
Concen: 6.215 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021108.D
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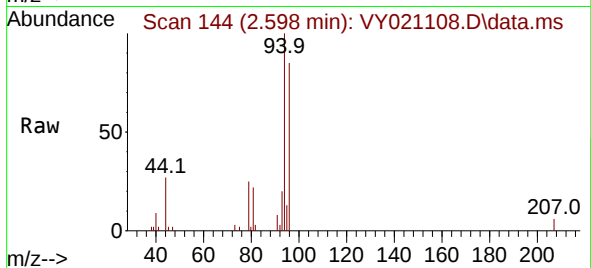
Tgt Ion: 62 Resp: 10386
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5





#5
Bromomethane
Concen: 7.166 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

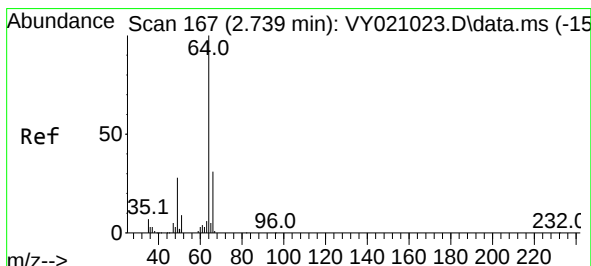
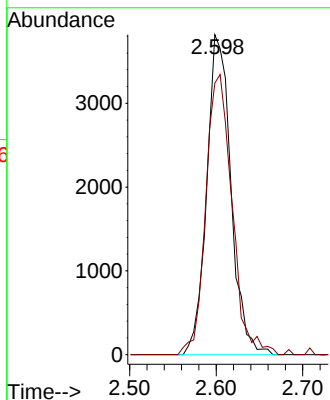
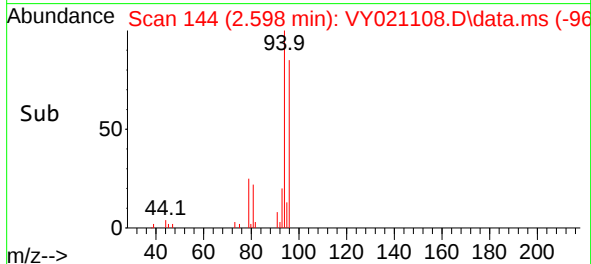
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Tgt Ion: 94 Resp: 740
Ion Ratio Lower Upper
94 100
96 84.9 77.3 115.9

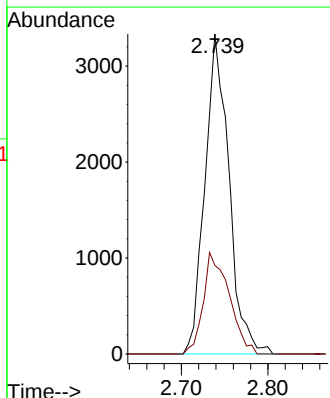
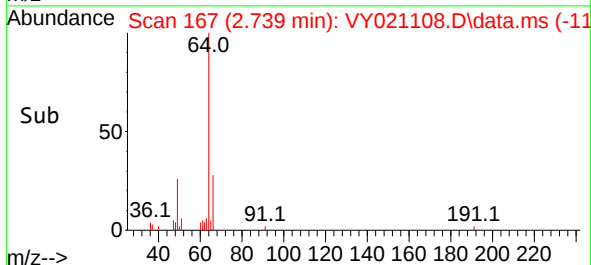
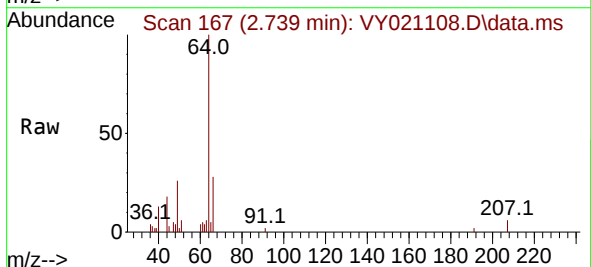
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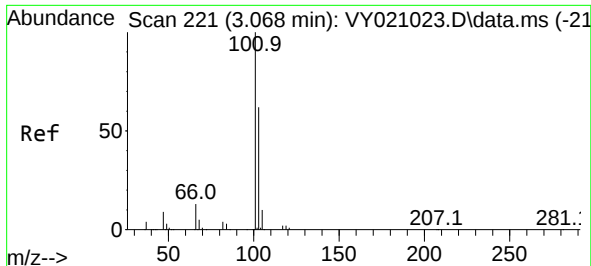
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#6
Chloroethane
Concen: 6.466 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
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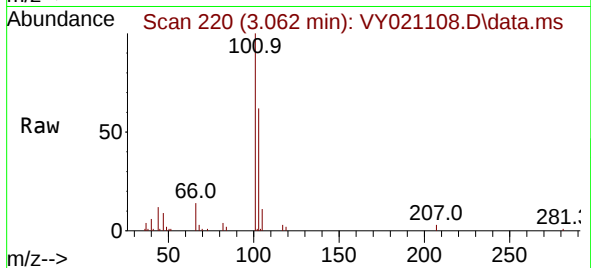
Tgt Ion: 64 Resp: 6432
Ion Ratio Lower Upper
64 100
66 27.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 6.054 ug/l
RT: 3.062 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY021108.D
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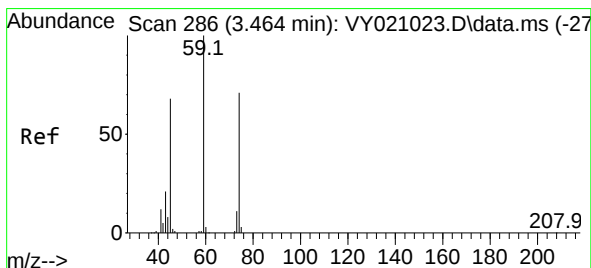
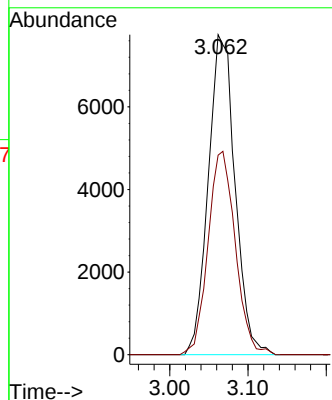
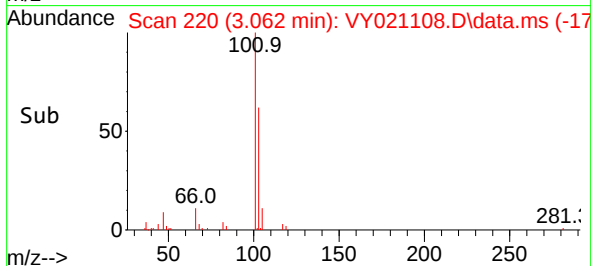
Instrument : MSVOA_Y
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Tgt Ion:101 Resp: 18430
Ion Ratio Lower Upper
101 100
103 62.4 51.9 77.9

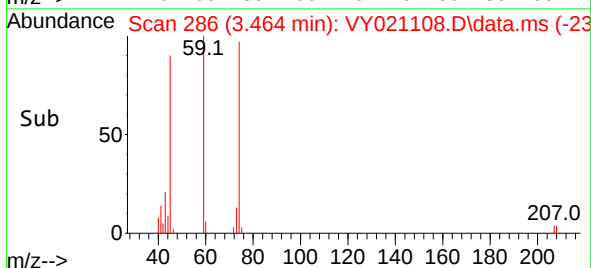
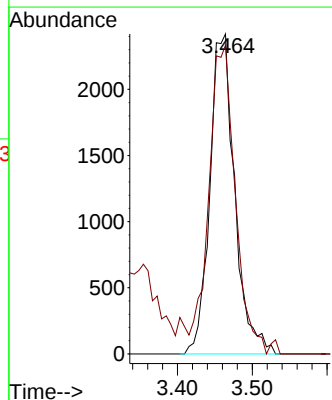
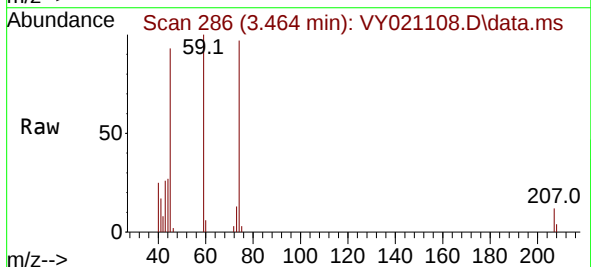
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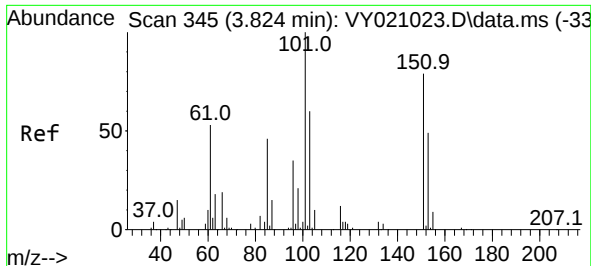
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#8
Diethyl Ether
Concen: 5.884 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 5592
Ion Ratio Lower Upper
74 100
45 102.1 47.9 143.7





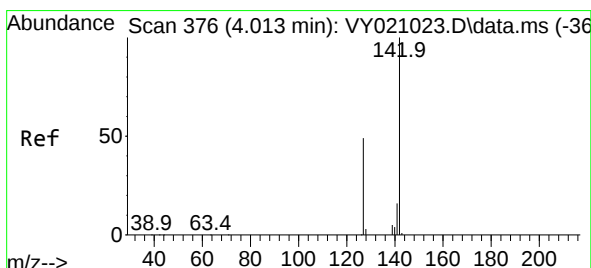
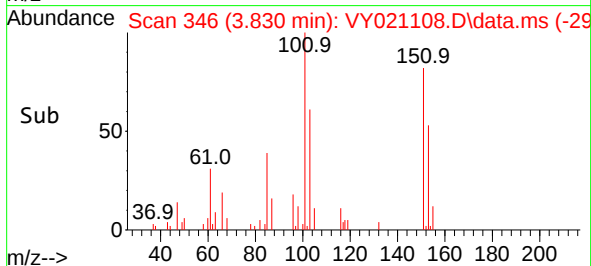
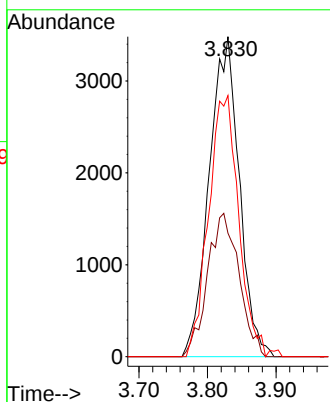
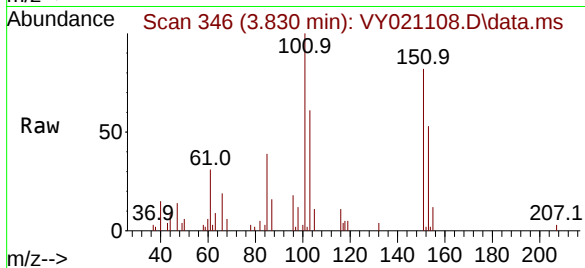
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.554 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:101 Resp: 1061
Ion Ratio Lower Upper
101 100
85 46.9 35.8 53.6
151 81.9 58.6 88.0

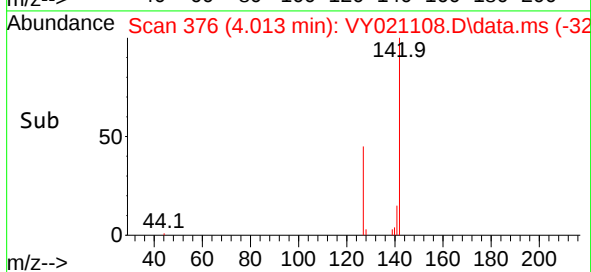
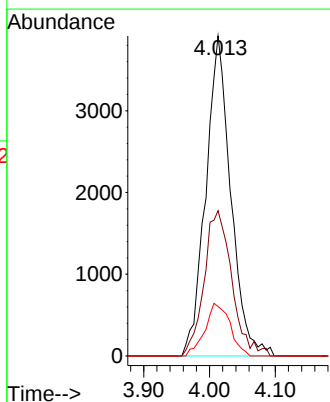
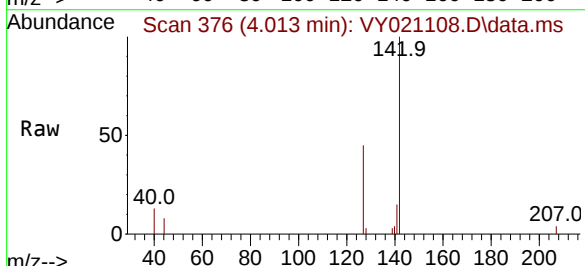
Manual Integrations
APPROVED

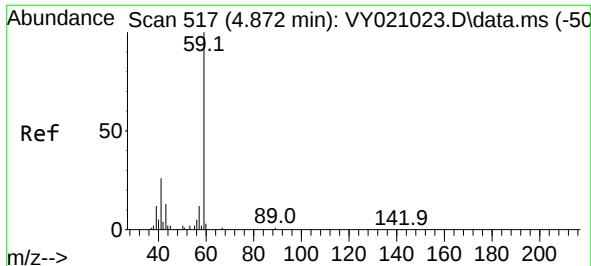
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#10
Methyl Iodide
Concen: 4.883 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:142 Resp: 10365
Ion Ratio Lower Upper
142 100
127 50.2 35.1 52.7
141 16.4 11.8 17.6





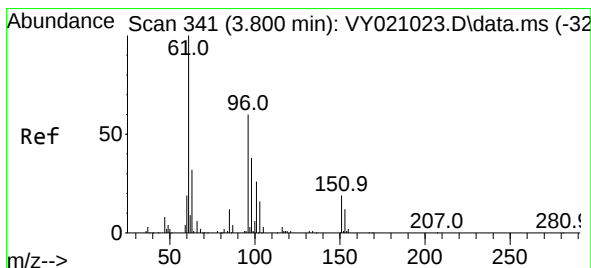
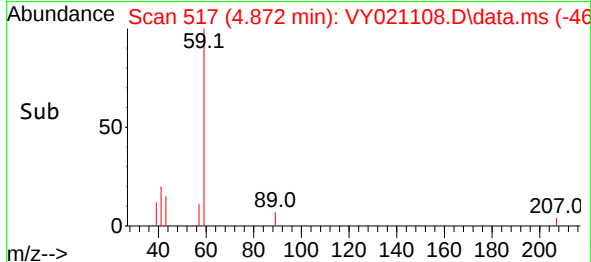
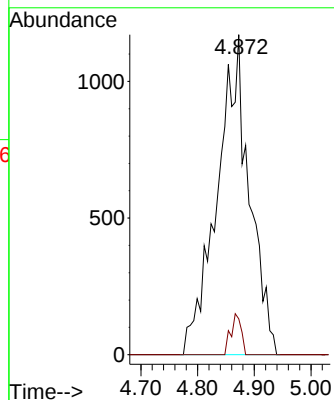
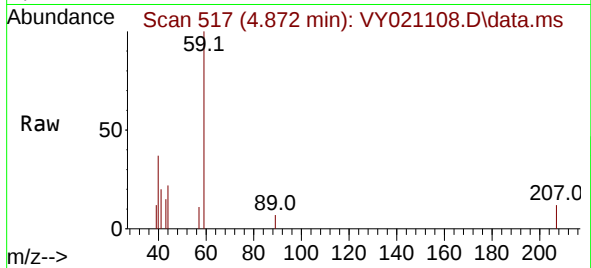
#11
Tert butyl alcohol
Concen: 35.189 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion: 59 Resp: 4612
Ion Ratio Lower Upper
59 100
57 4.1 7.4 11.0

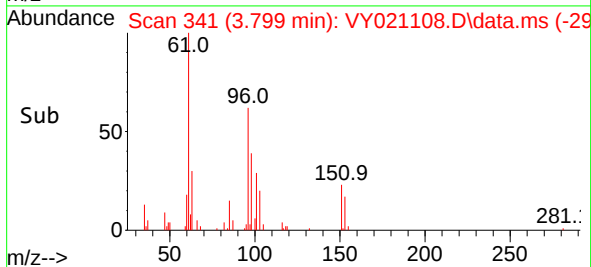
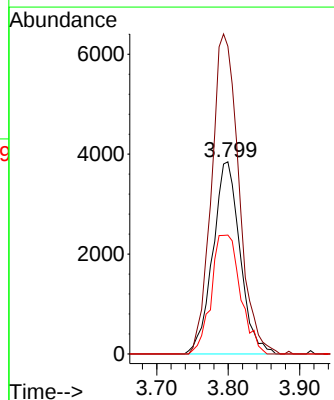
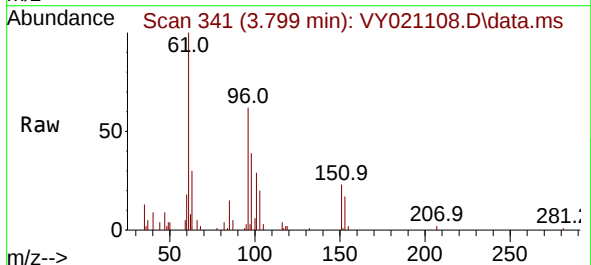
Manual Integrations
APPROVED

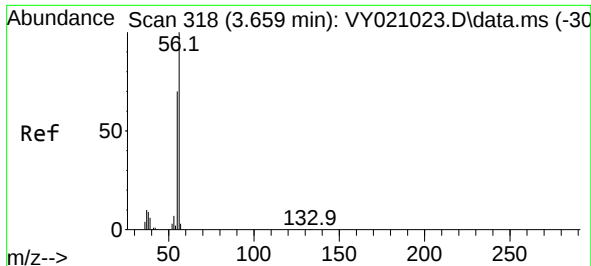
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#12
1,1-Dichloroethene
Concen: 5.642 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

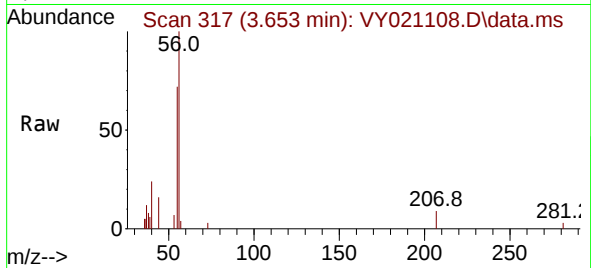
Tgt Ion: 96 Resp: 10155
Ion Ratio Lower Upper
96 100
61 160.1 124.2 186.2
98 61.9 52.6 79.0





#13
Acrolein
Concen: 27.911 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

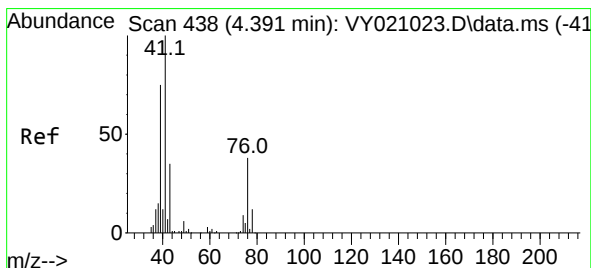
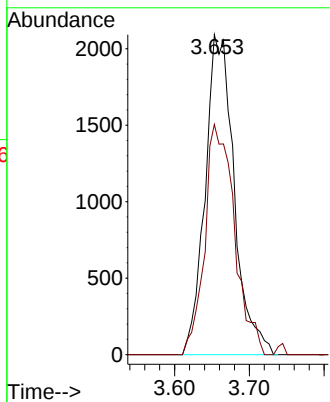
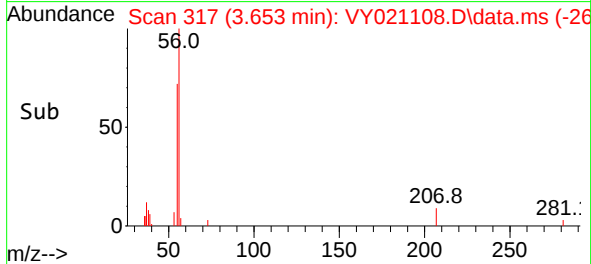
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 56 Resp: 563
Ion Ratio Lower Upper
56 100
55 73.7 55.4 83.0

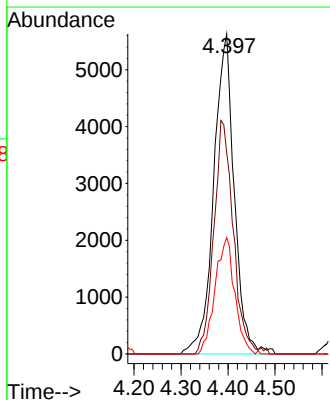
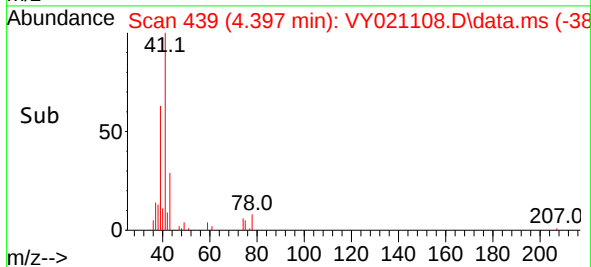
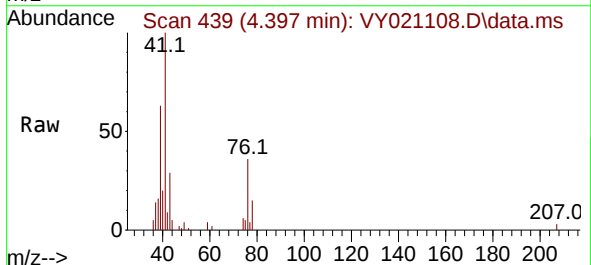
Manual Integrations
APPROVED

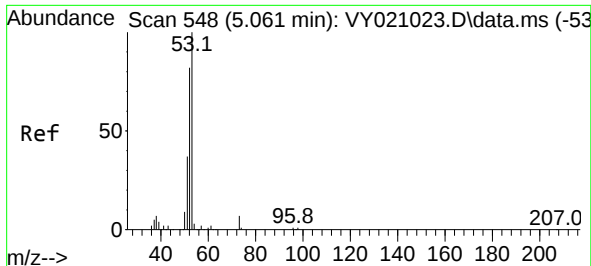
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#14
Allyl chloride
Concen: 5.652 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

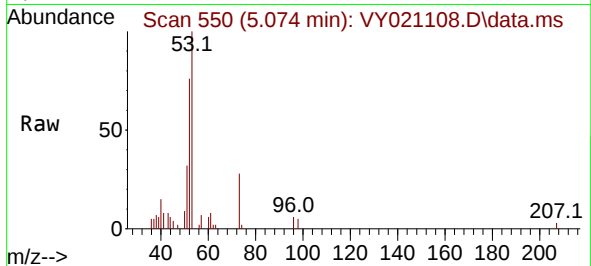
Tgt Ion: 41 Resp: 17144
Ion Ratio Lower Upper
41 100
39 68.4 54.7 82.1
76 34.7 31.8 47.6





#15
Acrylonitrile
Concen: 28.606 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

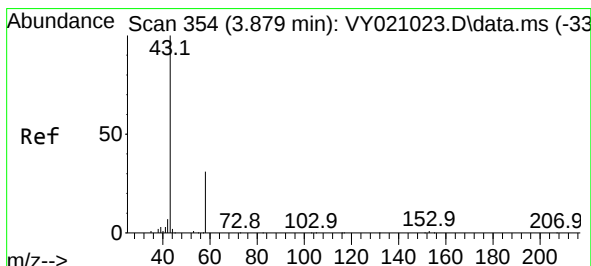
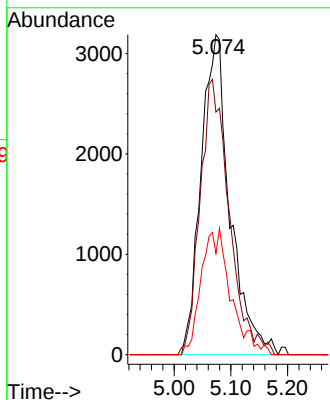
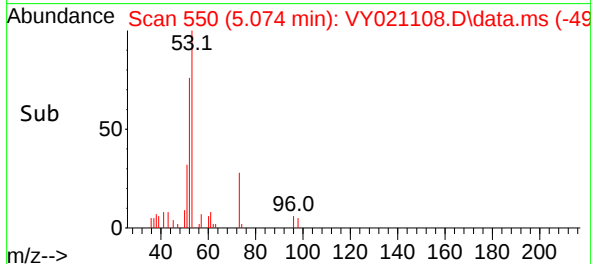
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 53 Resp: 1132
Ion Ratio Lower Upper
53 100
52 86.4 65.1 97.7
51 40.4 29.0 43.4

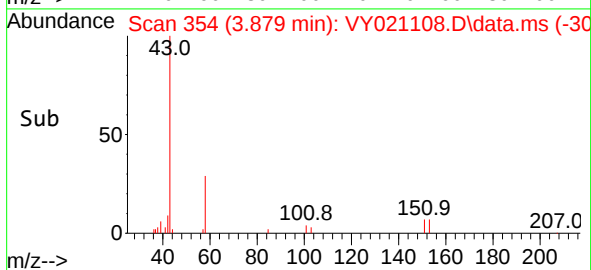
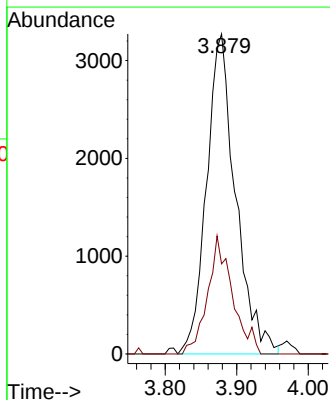
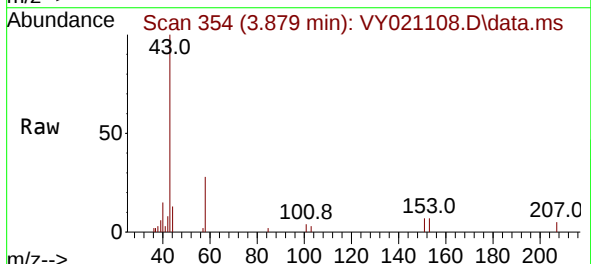
Manual Integrations
APPROVED

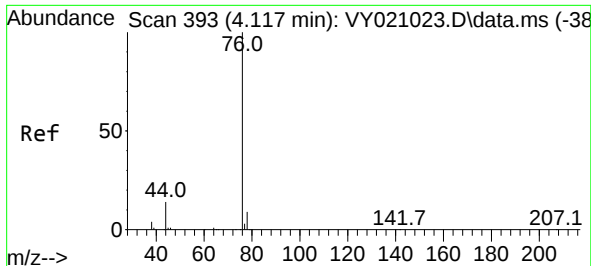
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#16
Acetone
Concen: 30.532 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

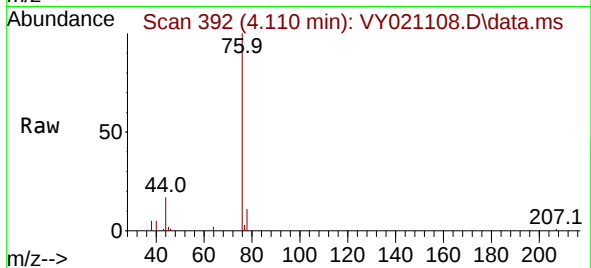
Tgt Ion: 43 Resp: 9209
Ion Ratio Lower Upper
43 100
58 28.1 26.6 39.8





#17
Carbon Disulfide
Concen: 5.242 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

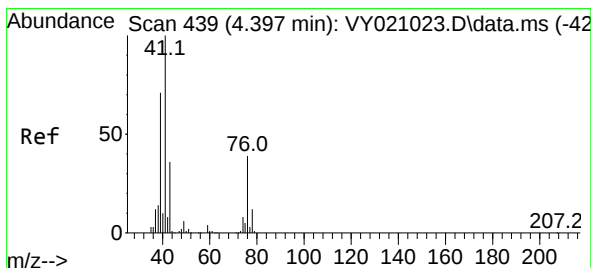
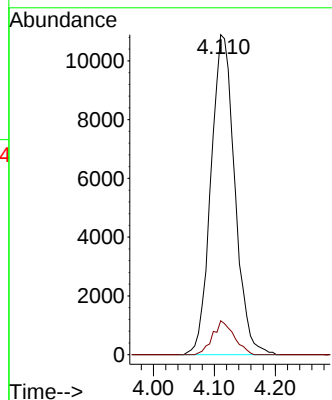
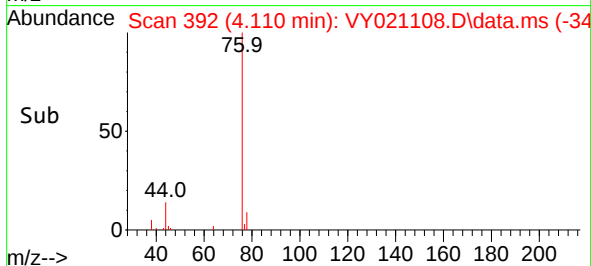
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 76 Resp: 2958
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

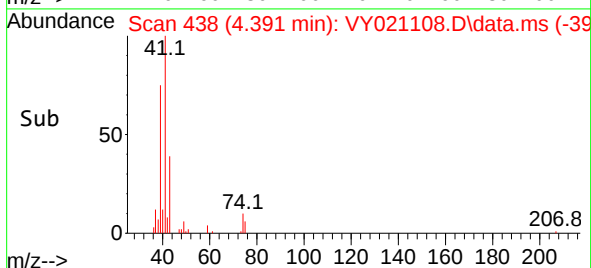
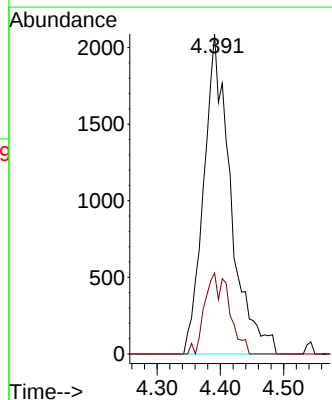
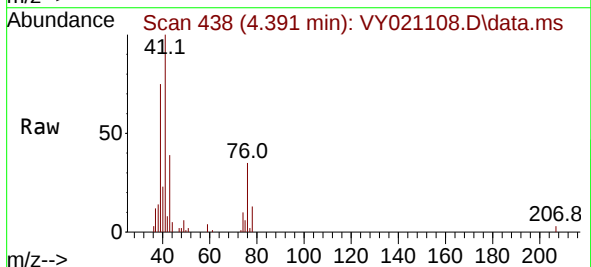
Manual Integrations
APPROVED

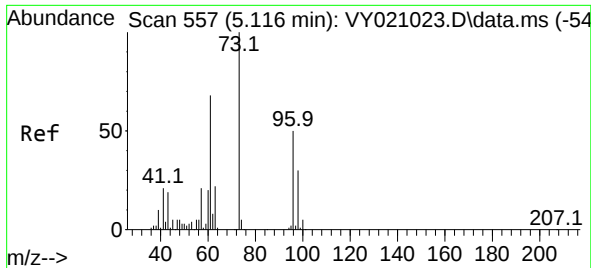
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#18
Methyl Acetate
Concen: 5.842 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

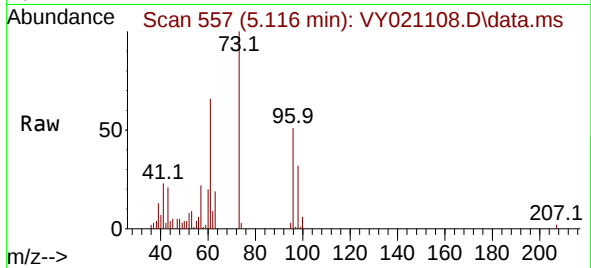
Tgt Ion: 43 Resp: 6186
Ion Ratio Lower Upper
43 100
74 23.0 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 5.799 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

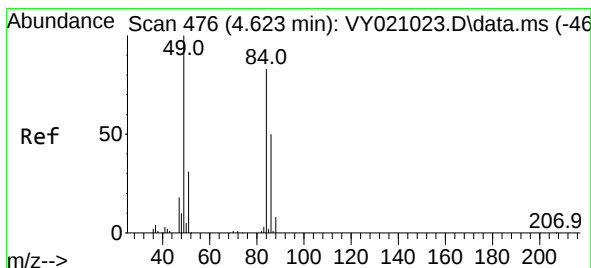
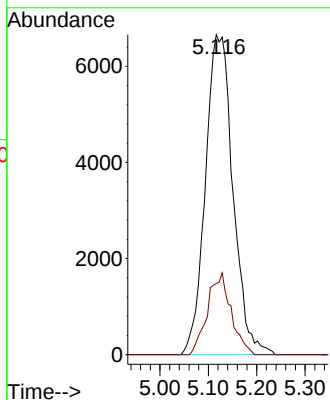
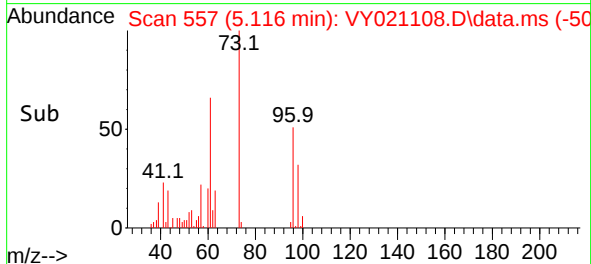
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



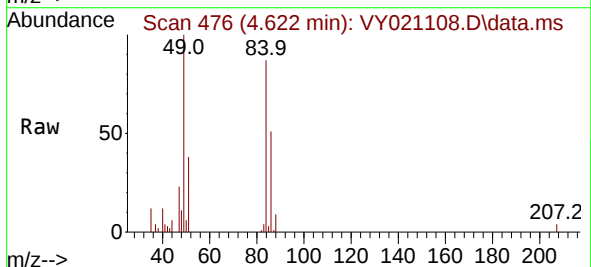
Tgt Ion: 73 Resp: 26380
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

Manual Integrations
APPROVED

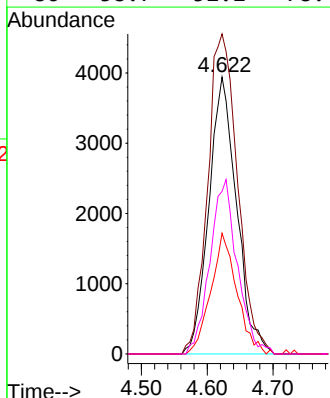
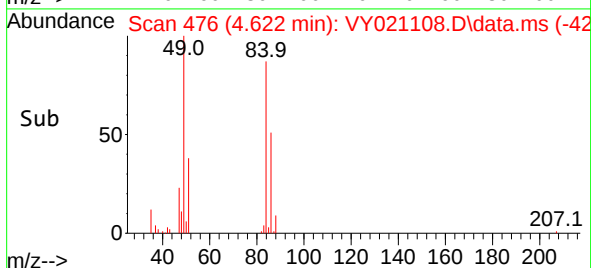
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

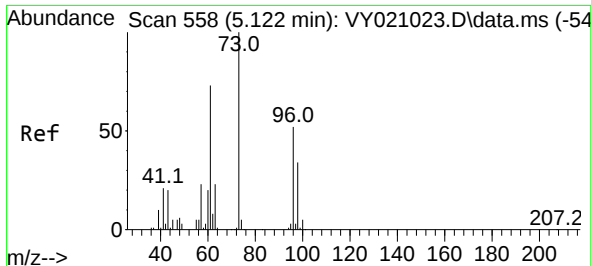


#20
Methylene Chloride
Concen: 6.165 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38



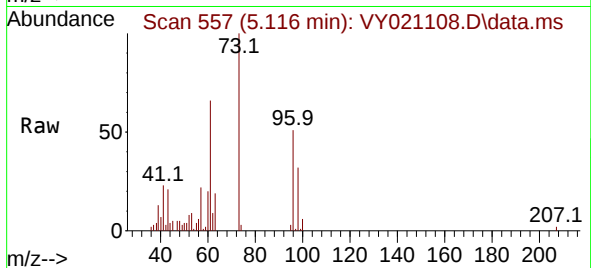
Tgt Ion: 84 Resp: 11559
Ion Ratio Lower Upper
84 100
49 115.6 95.2 142.8
51 43.6 29.9 44.9
86 58.7 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 5.448 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

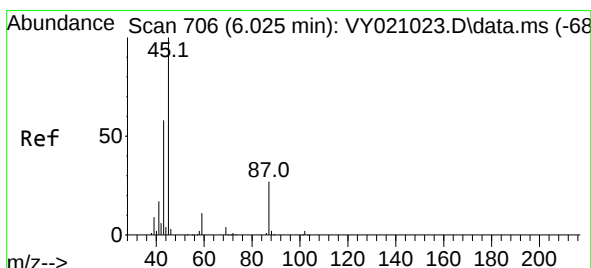
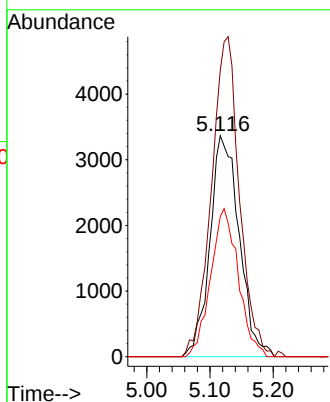
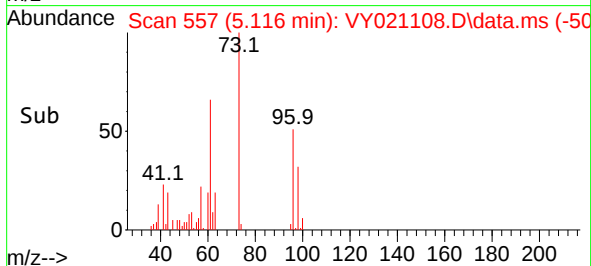
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 96 Resp: 1079
Ion Ratio Lower Upper
96 100
61 129.6 104.6 156.8
98 63.4 50.9 76.3

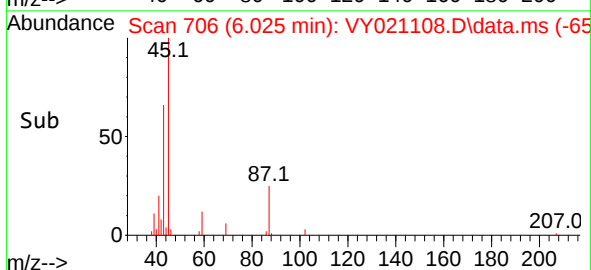
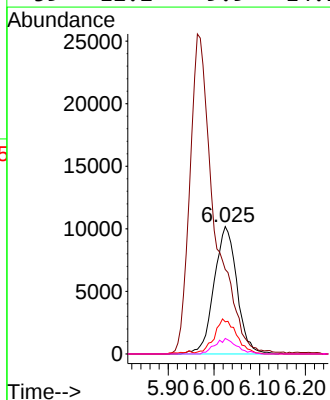
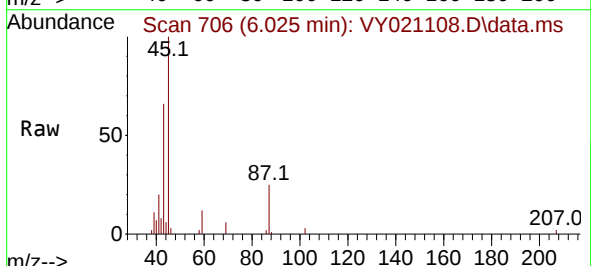
Manual Integrations
APPROVED

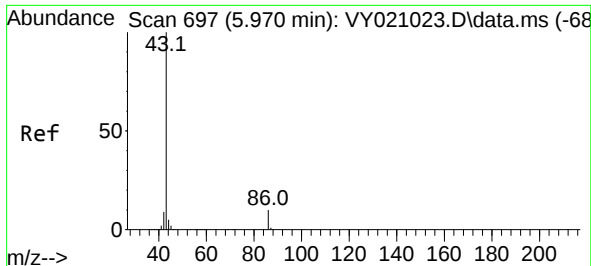
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#22
Diisopropyl ether
Concen: 5.666 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion: 45 Resp: 35429
Ion Ratio Lower Upper
45 100
43 65.0 46.8 70.2
87 25.3 22.2 33.2
59 12.2 9.9 14.9





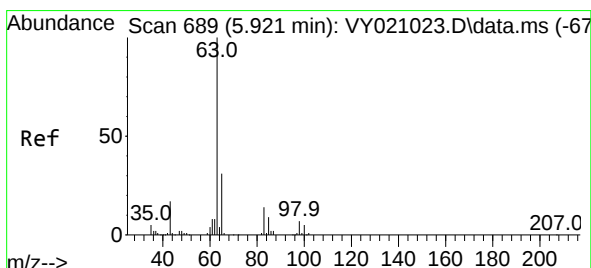
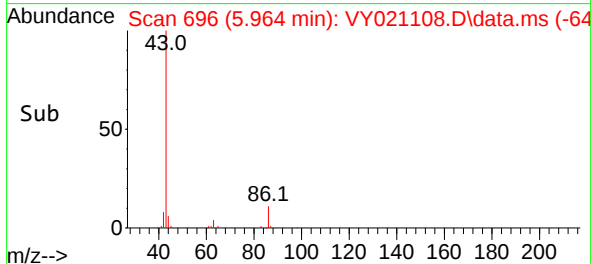
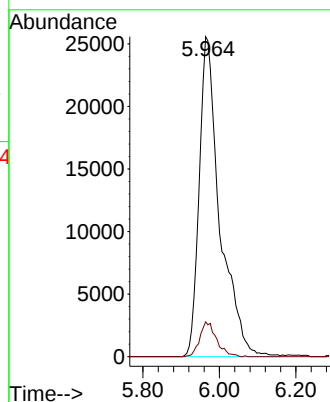
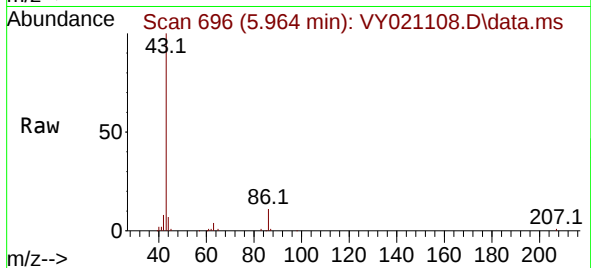
#23
 Vinyl Acetate
 Concen: 27.535 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY021108.D
 Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Tgt Ion: 43 Resp: 9597
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

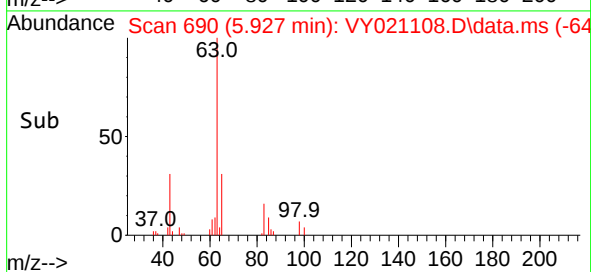
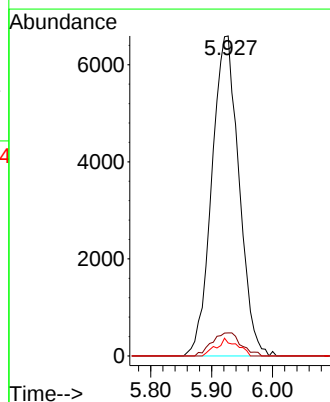
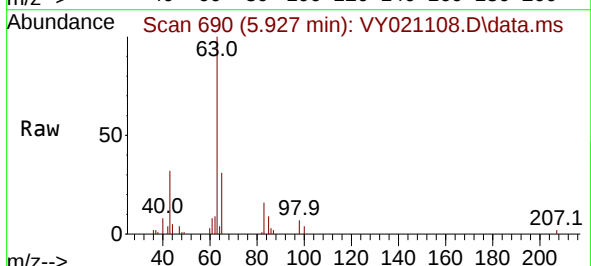
Manual Integrations
 APPROVED

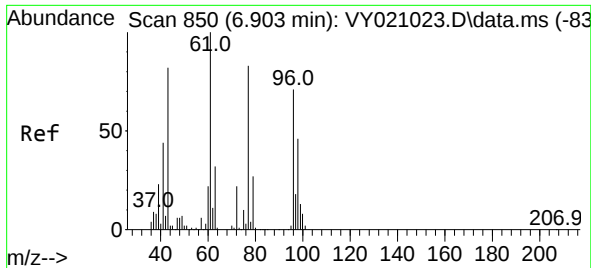
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#24
 1,1-Dichloroethane
 Concen: 5.581 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021108.D
 Acq: 06 Feb 2025 13:38

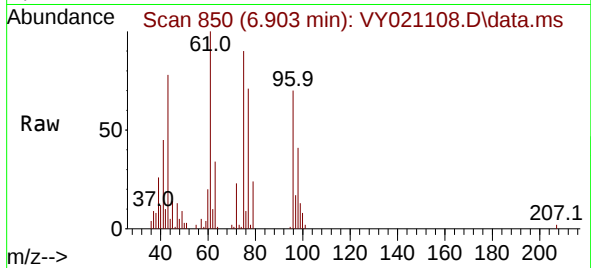
Tgt Ion: 63 Resp: 20445
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.0 2.1 6.2





#25
2-Butanone
Concen: 29.629 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

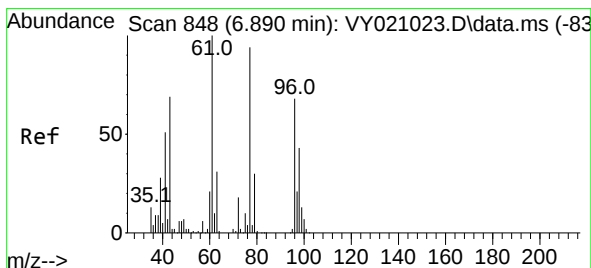
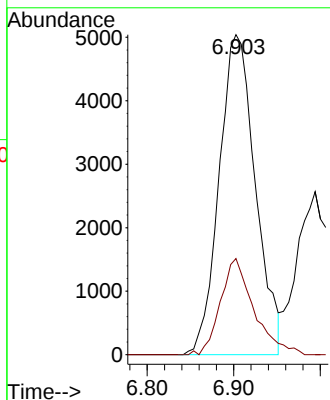
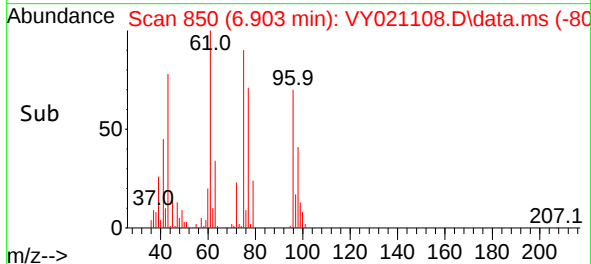
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
72 30.1 21.4 32.2

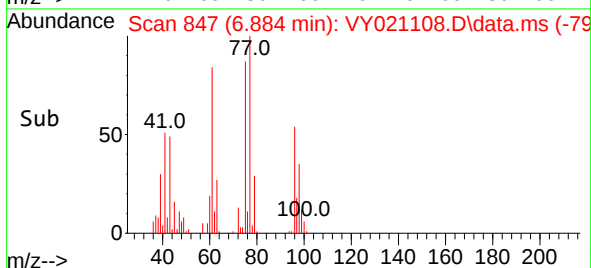
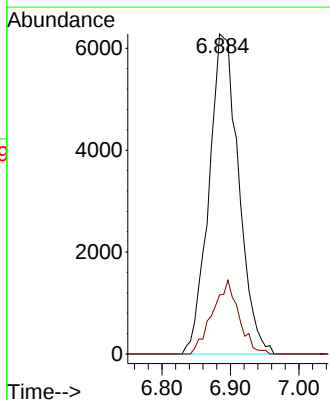
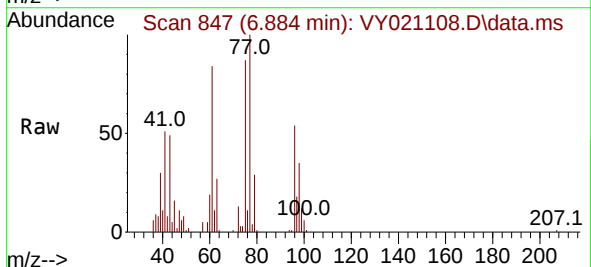
Manual Integrations
APPROVED

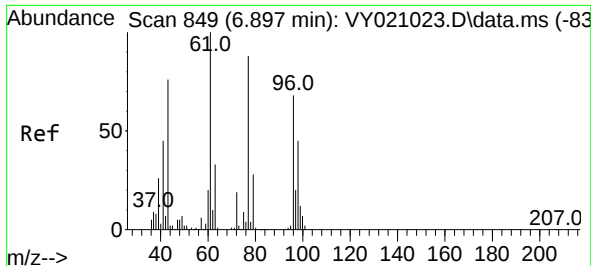
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#26
2,2-Dichloropropane
Concen: 5.580 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion: 77 Resp: 18914
Ion Ratio Lower Upper
77 100
97 20.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.455 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

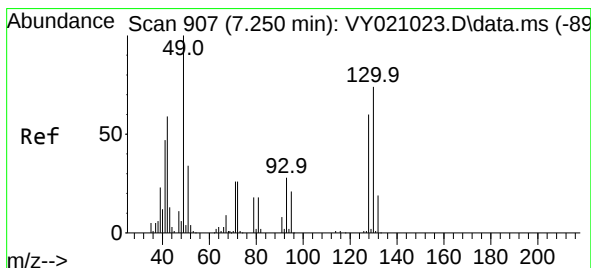
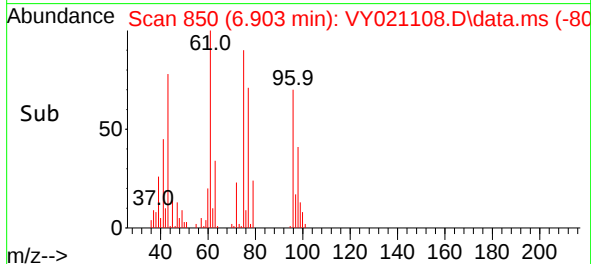
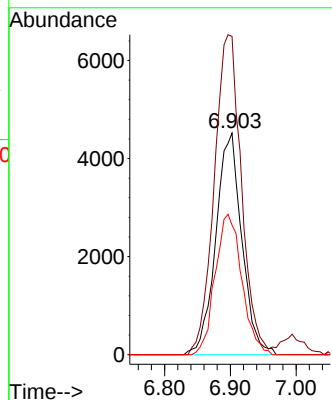
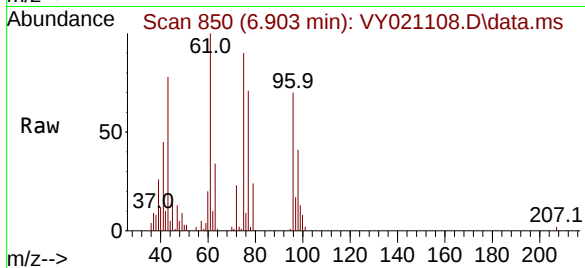
LOQ-SOIL-02-QT1-2025

Tgt Ion:	96	Resp:	12439
Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	278.8
98	64.9	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#28

Bromochloromethane

Concen: 5.991 ug/l

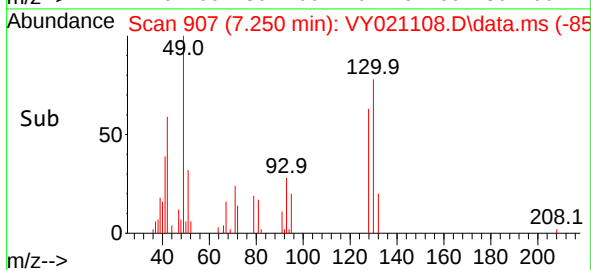
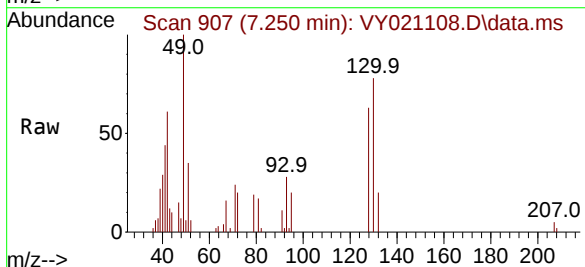
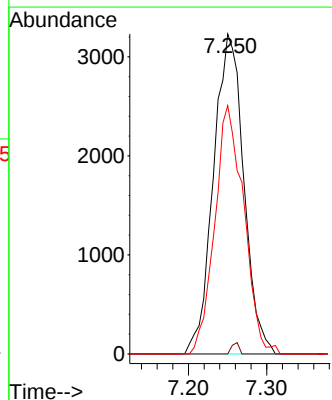
RT: 7.250 min Scan# 907

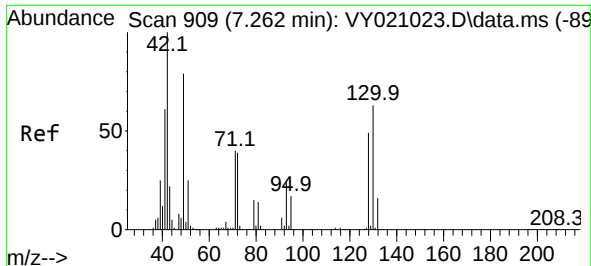
Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Tgt Ion:	49	Resp:	8678
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	74.4	59.8	89.8





#29

Tetrahydrofuran

Concen: 29.024 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

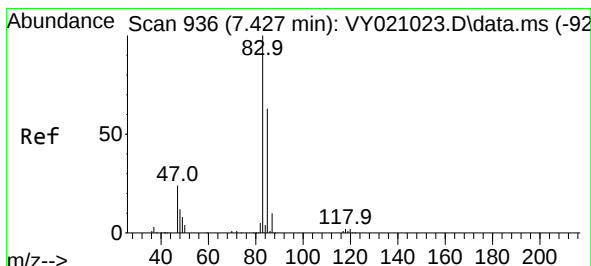
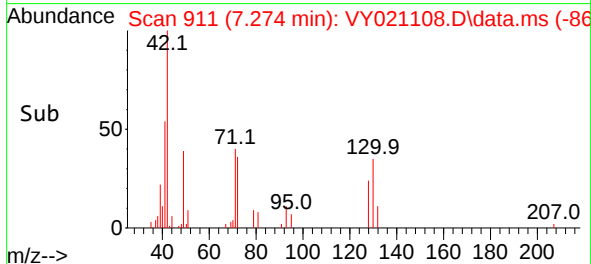
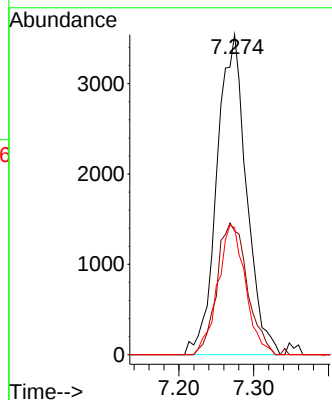
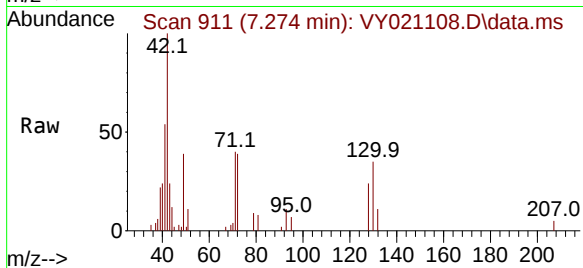
ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion: 42	Resp: 9734
Ion Ratio	Lower Upper
42	100
72	42.3 36.6 54.8
71	38.0 33.8 50.6

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#30

Chloroform

Concen: 5.670 ug/l

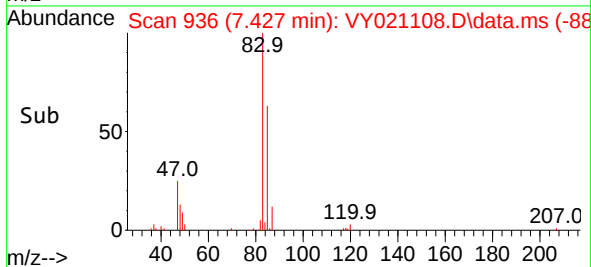
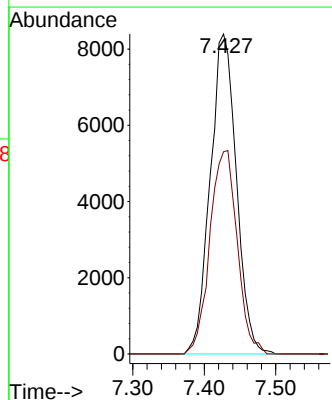
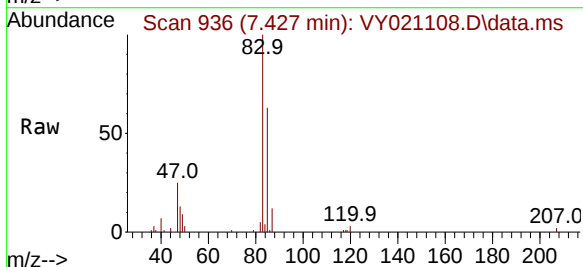
RT: 7.427 min Scan# 936

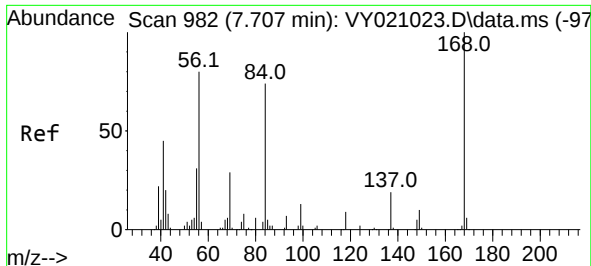
Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

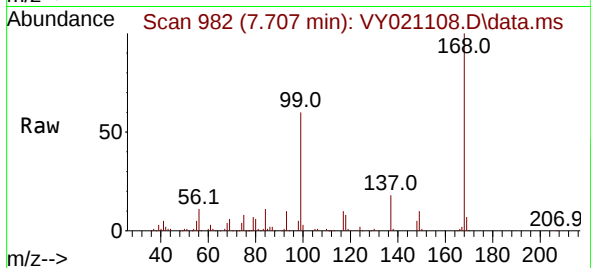
Tgt Ion: 83	Resp: 21336
Ion Ratio	Lower Upper
83	100
85	63.2 51.2 76.8





#31
Cyclohexane
Concen: 6.234 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

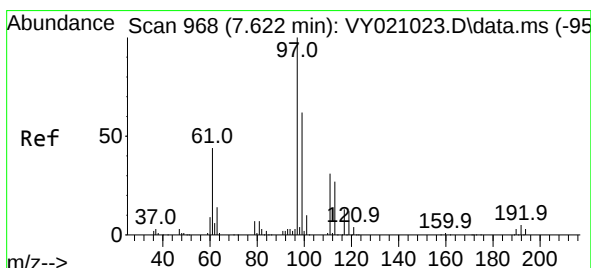
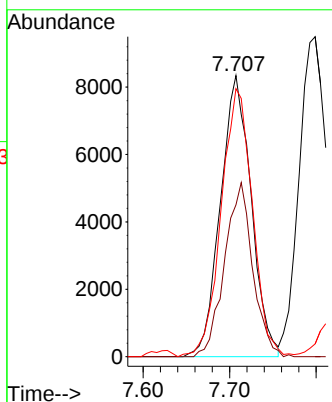
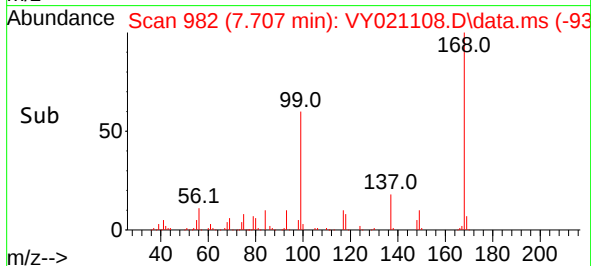
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 54.0 27.0 40.6
84 95.3 71.8 107.6

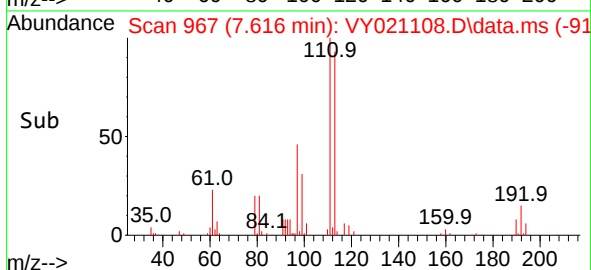
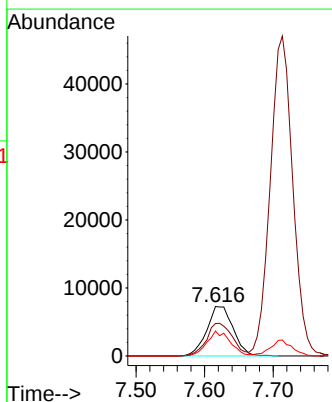
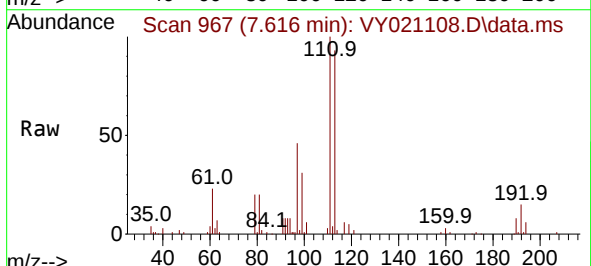
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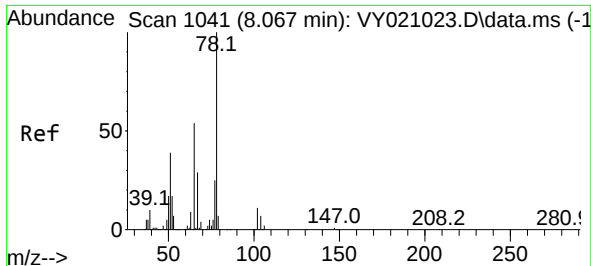
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#32
1,1,1-Trichloroethane
Concen: 5.560 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion: 97 Resp: 19450
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 44.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 57.710 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion: 65 Resp: 11161

Ion Ratio Lower Upper

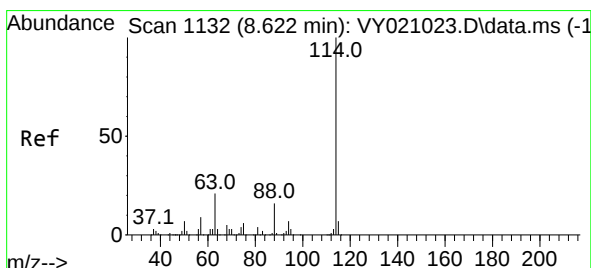
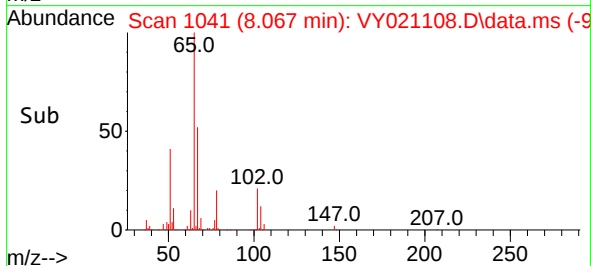
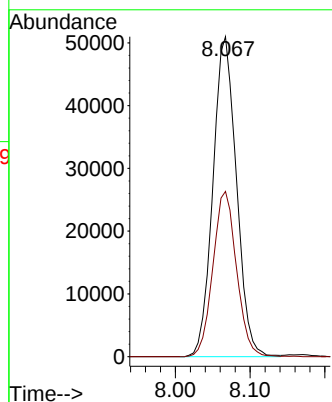
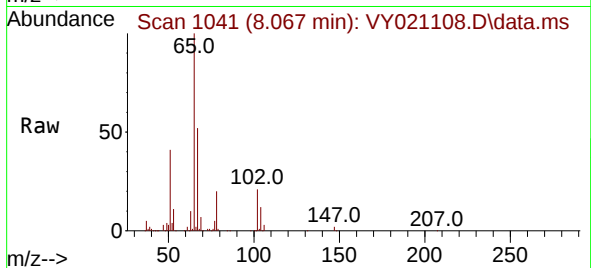
65 100

67 51.8 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

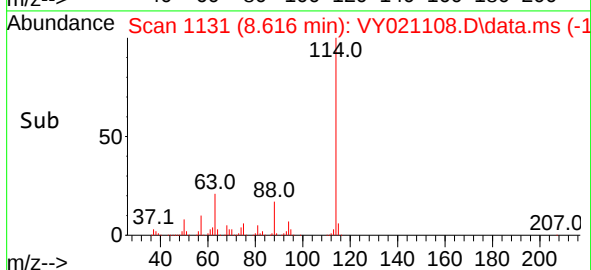
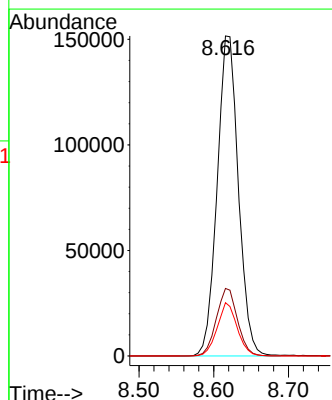
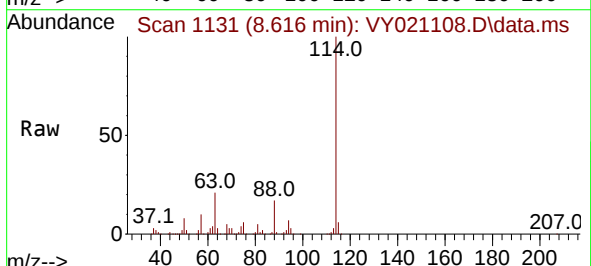
Tgt Ion:114 Resp: 299515

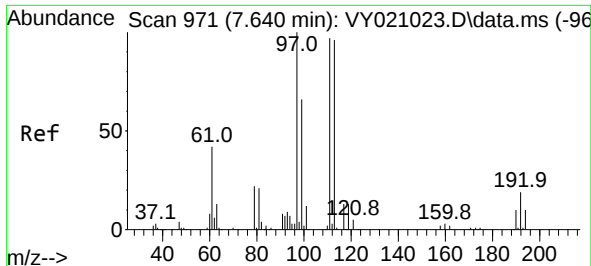
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

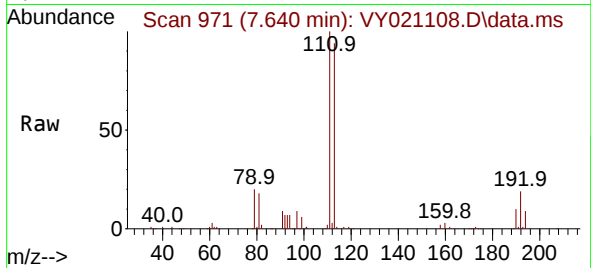
88 16.6 0.0 29.0





#35
Dibromofluoromethane
Concen: 55.793 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

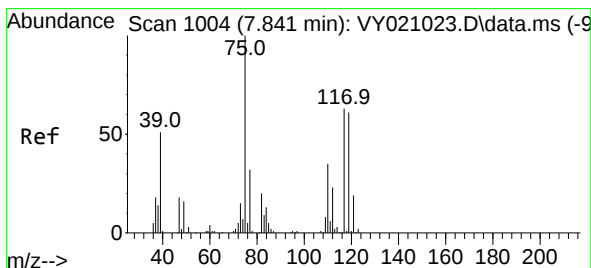
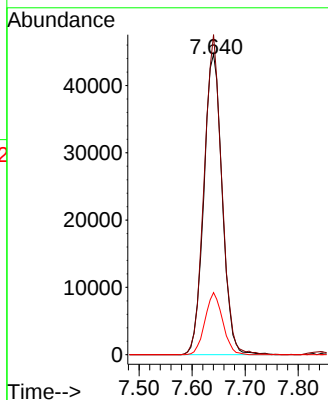
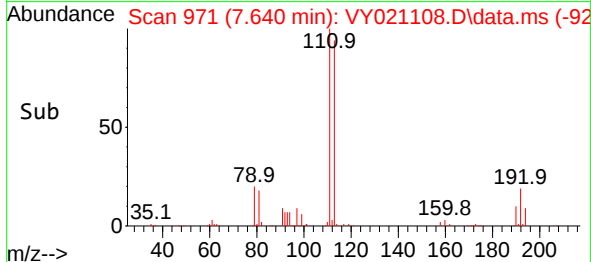
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



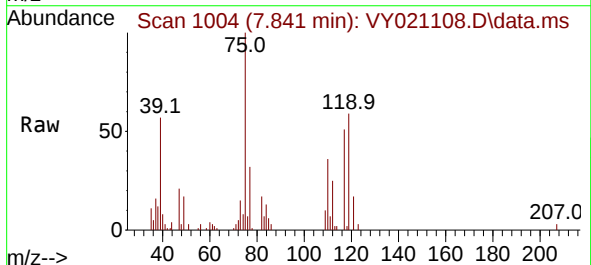
Tgt Ion:113 Resp: 107094
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 19.9 14.5 21.7

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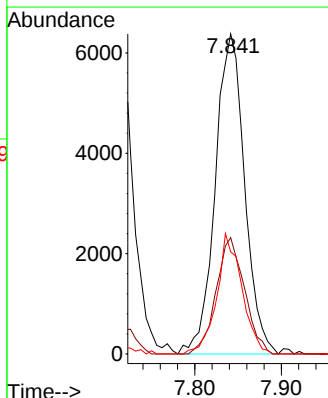
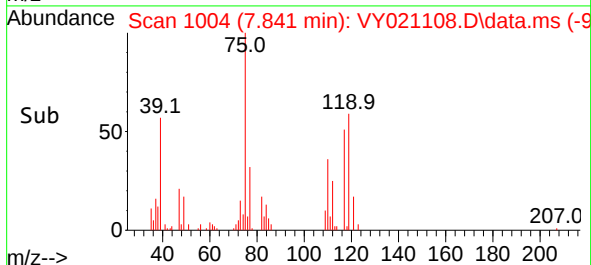
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

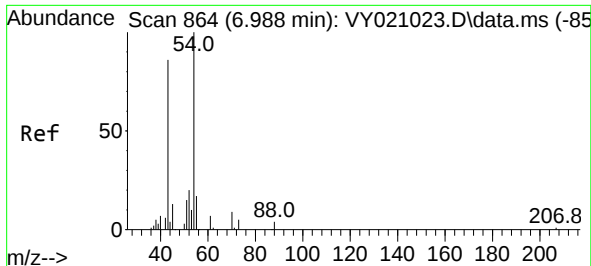


#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38



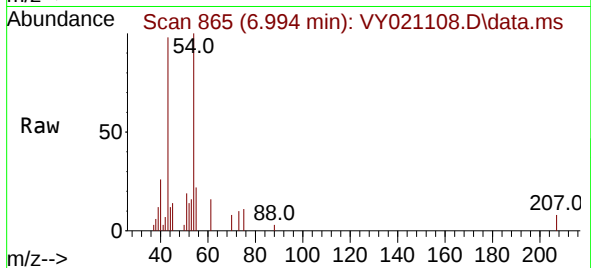
Tgt Ion: 75 Resp: 15031
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 32.3 24.7 37.1





#37
Ethyl Acetate
Concen: 5.993 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

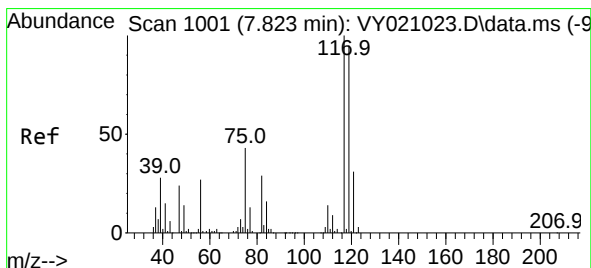
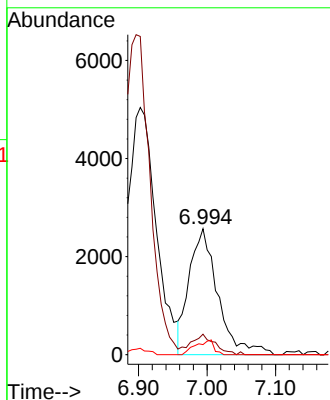
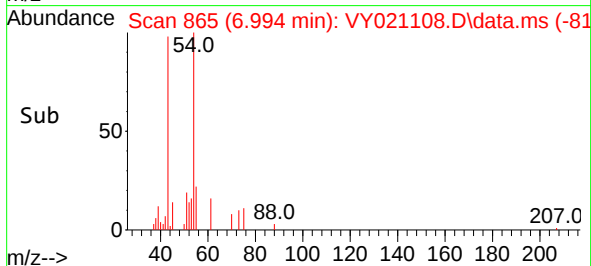
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 7475
Ion Ratio Lower Upper
43 100
61 12.3 11.0 16.6
70 7.4 8.1 12.1

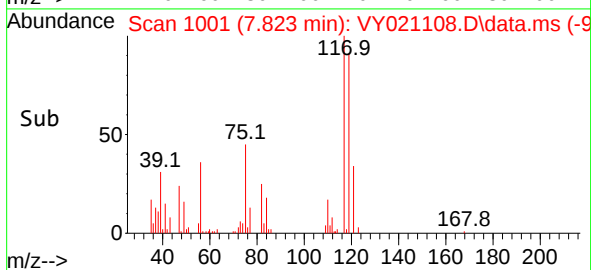
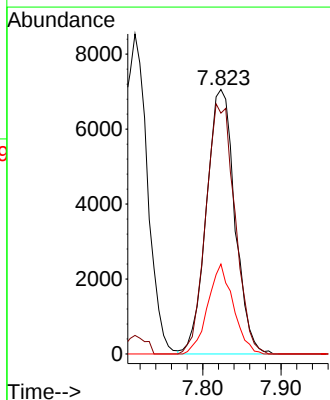
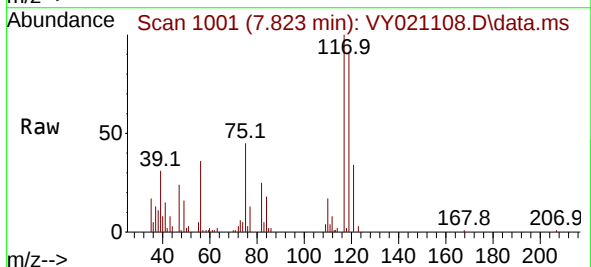
Manual Integrations
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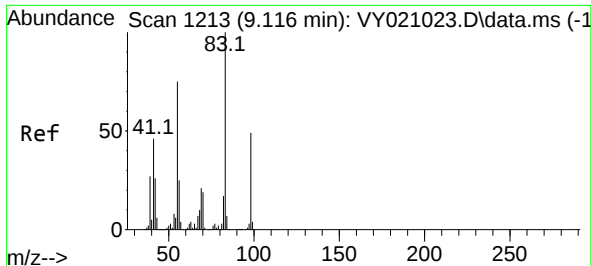
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#38
Carbon Tetrachloride
Concen: 5.369 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:117 Resp: 17835
Ion Ratio Lower Upper
117 100
119 91.1 76.0 114.0
121 34.0 24.2 36.2





#39

Methylcyclohexane

Concen: 5.027 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

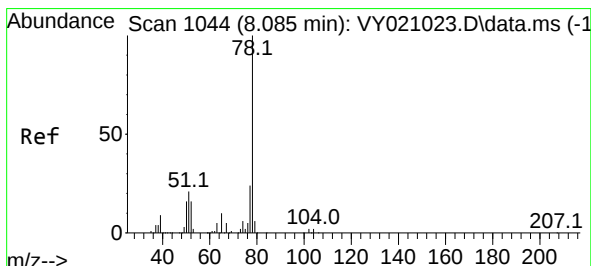
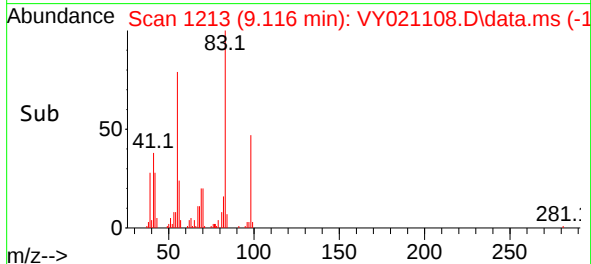
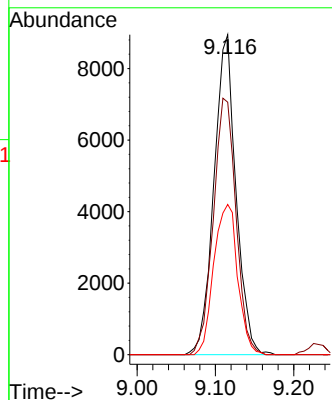
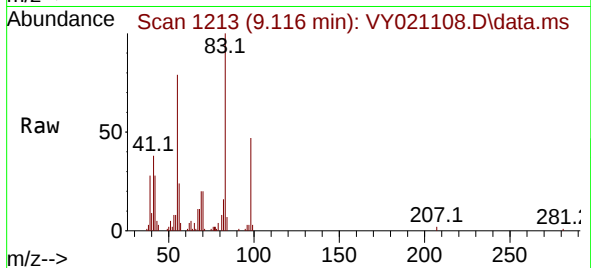
LOQ-SOIL-02-QT1-2025

Tgt Ion: 83	Resp: 1748
Ion Ratio	Lower Upper
83 100	
55 78.9	59.7 89.5
98 46.9	38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#40

Benzene

Concen: 5.541 ug/l

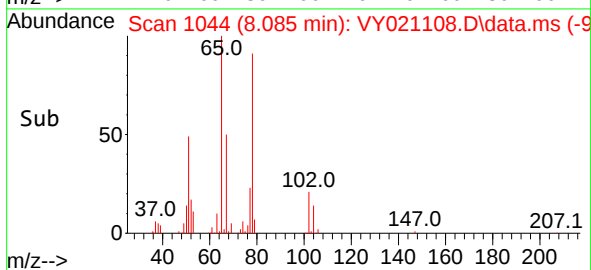
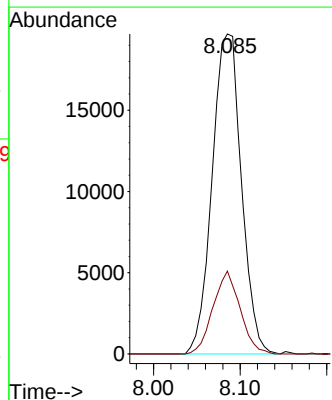
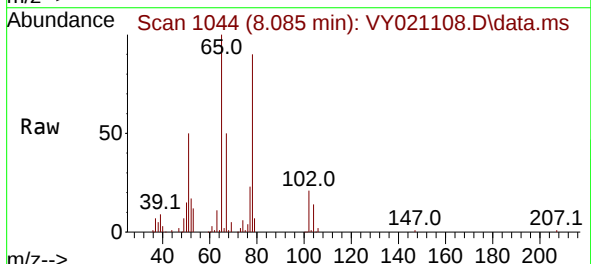
RT: 8.085 min Scan# 1044

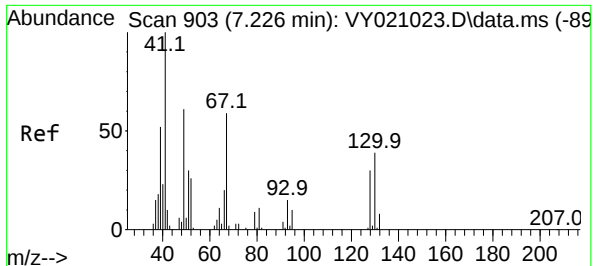
Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

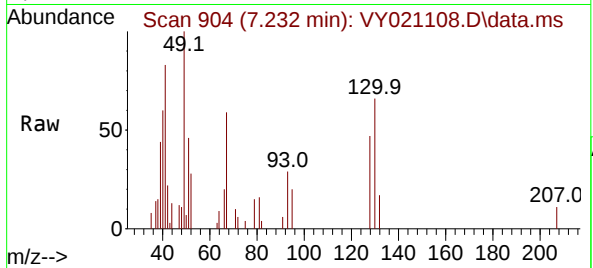
Tgt Ion: 78	Resp: 46227
Ion Ratio	Lower Upper
78 100	
77 25.9	18.8 28.2





#41
Methacrylonitrile
Concen: 4.379 ug/l m
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

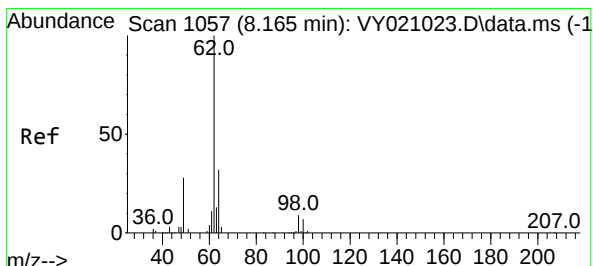
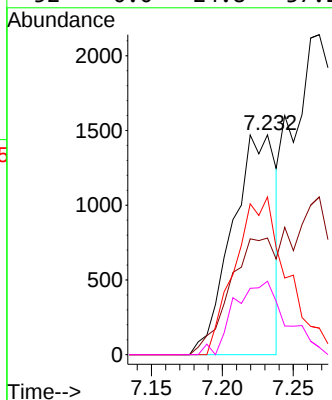
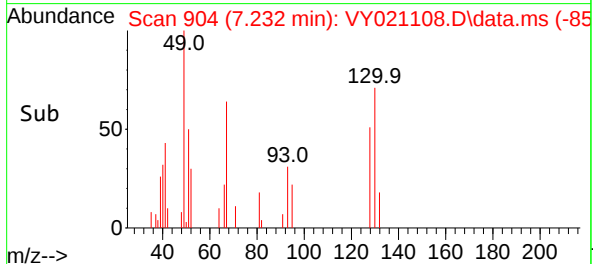
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 41 Resp: 3160
Ion Ratio Lower Upper
41 100
39 79.1 41.9 62.9
67 0.0 59.8 89.6
52 0.0 24.8 37.2

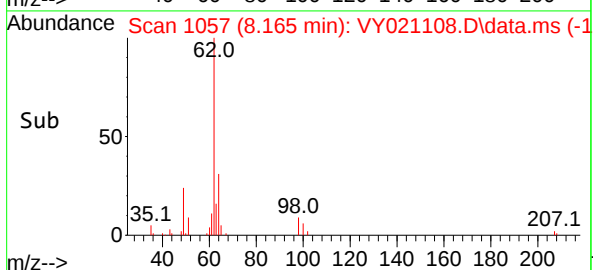
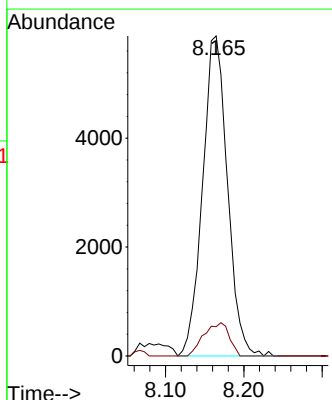
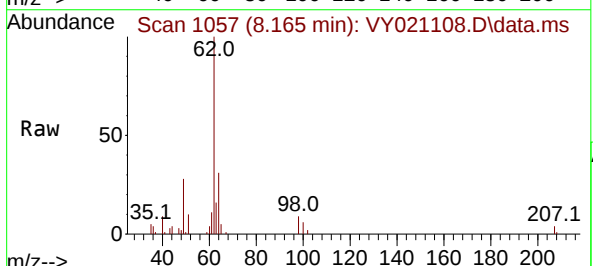
Manual Integrations
APPROVED

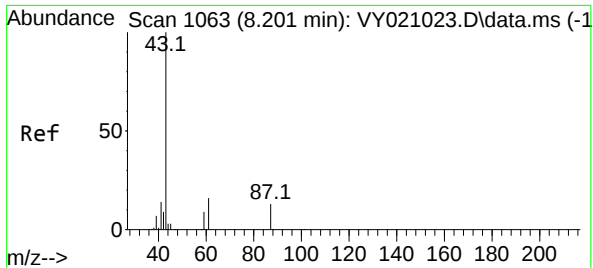
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#42
1,2-Dichloroethane
Concen: 5.599 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

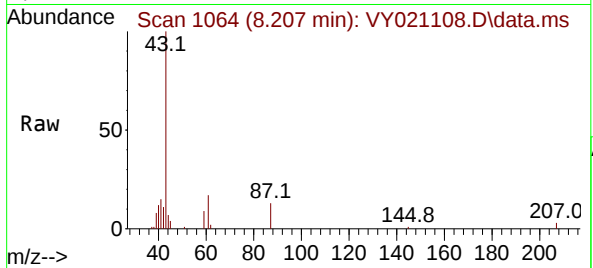
Tgt Ion: 62 Resp: 12959
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 5.506 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

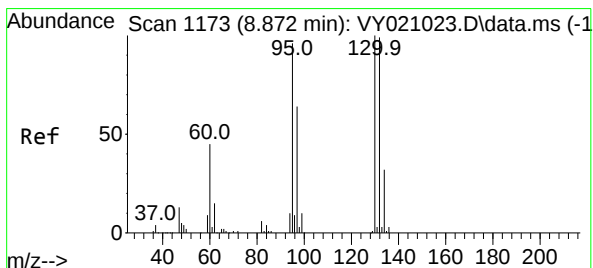
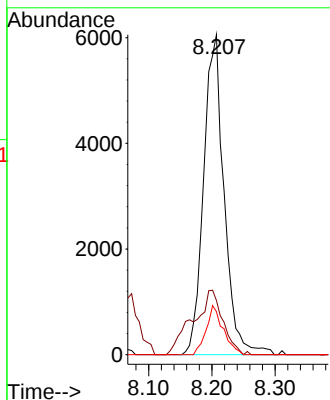
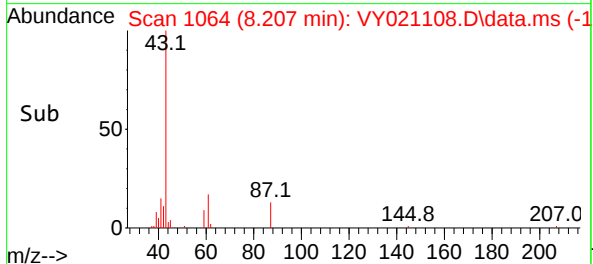
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
61 29.3 24.8 37.2
87 12.7 10.7 16.1

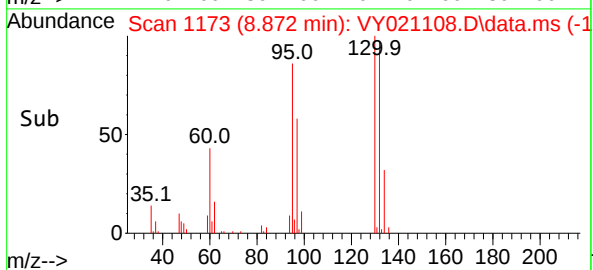
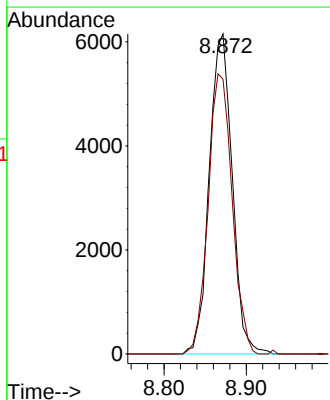
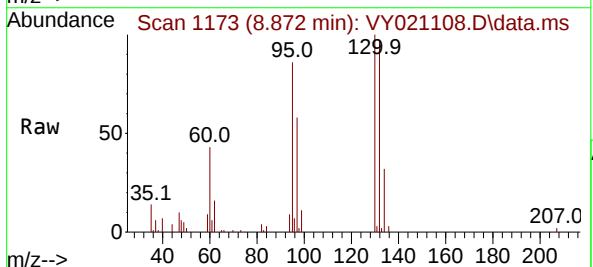
Manual Integrations
APPROVED

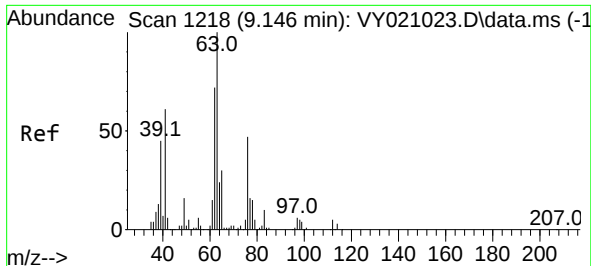
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#44
Trichloroethene
Concen: 5.538 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:130 Resp: 11937
Ion Ratio Lower Upper
130 100
95 85.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 5.510 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion: 63 Resp: 1091

Ion Ratio Lower Upper

63 100

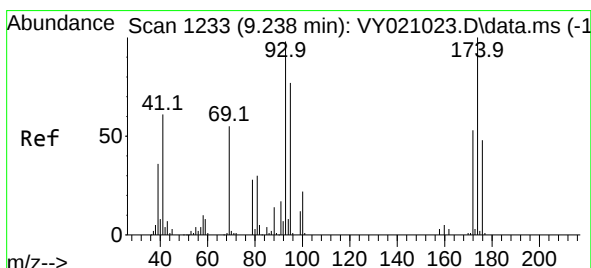
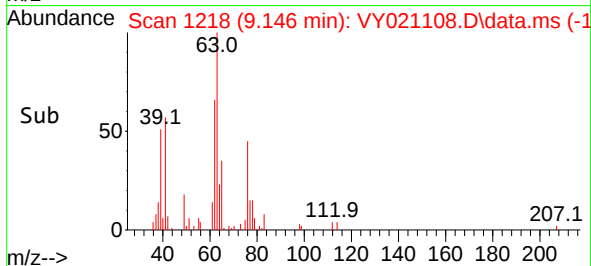
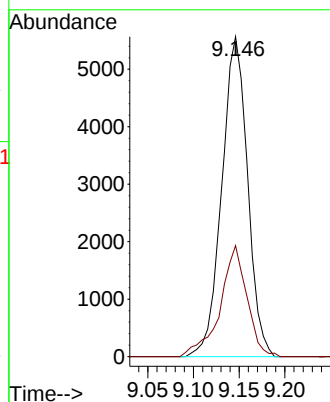
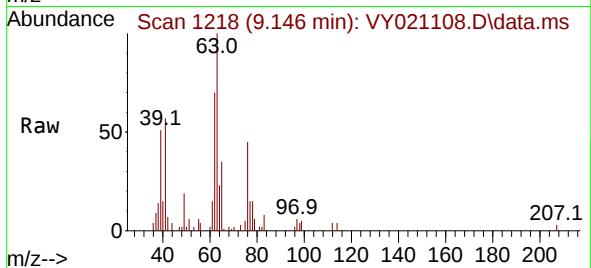
65 34.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#46

Dibromomethane

Concen: 5.461 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

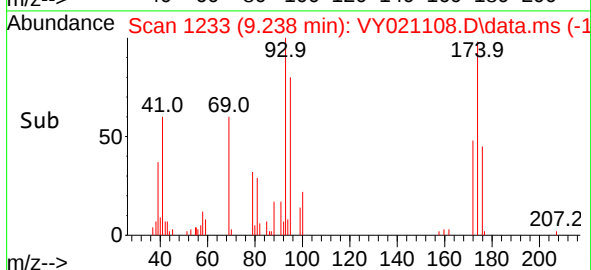
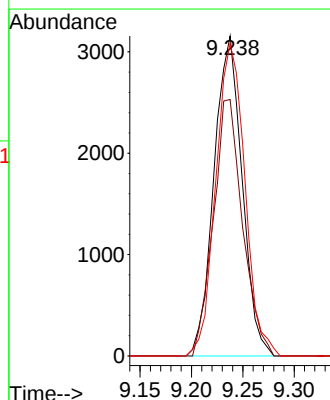
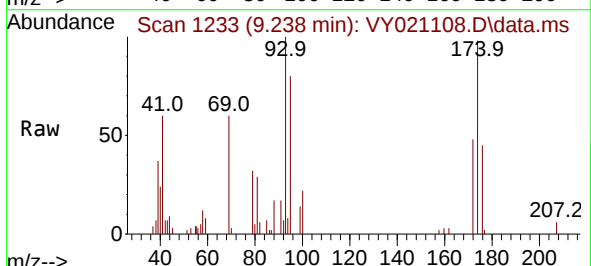
Tgt Ion: 93 Resp: 5988

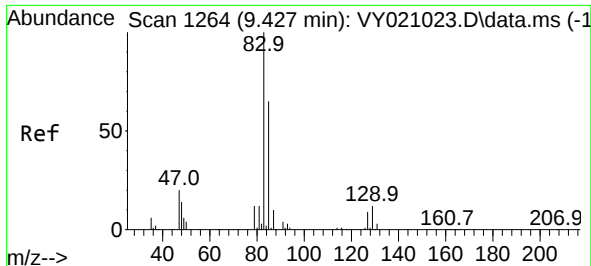
Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

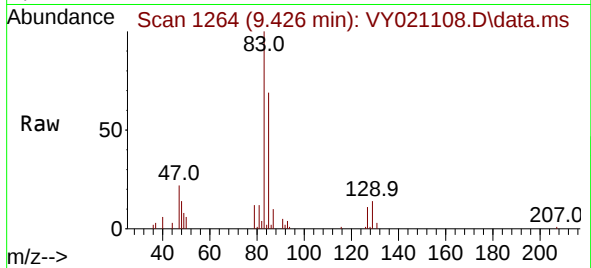
174 101.2 73.8 110.6





#47
Bromodichloromethane
Concen: 5.466 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

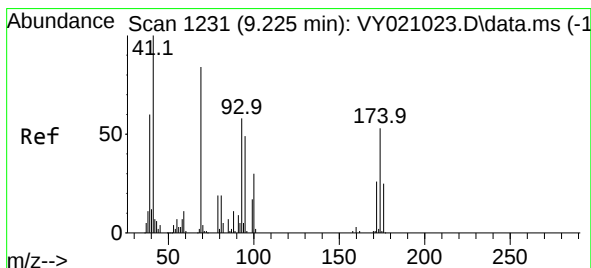
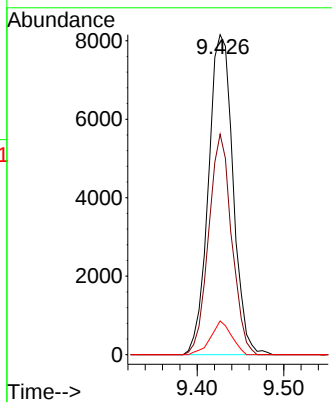
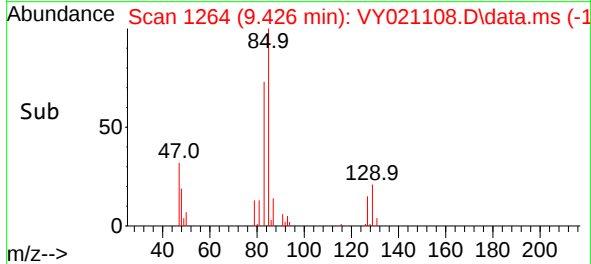
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 83 Resp: 1607
Ion Ratio Lower Upper
83 100
85 68.9 53.2 79.8
127 10.5 6.4 9.6

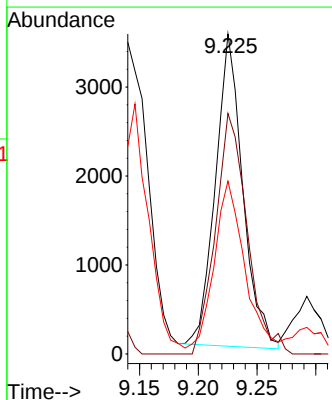
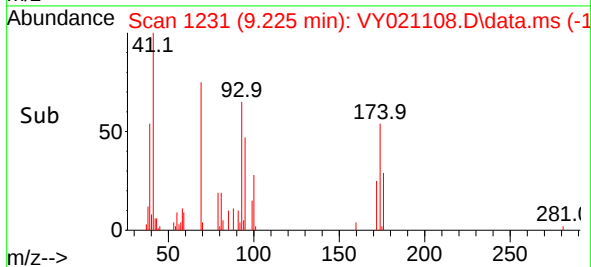
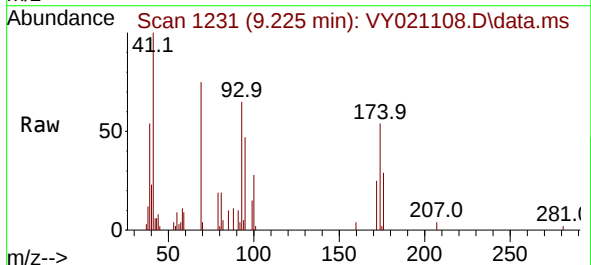
Manual Integrations
APPROVED

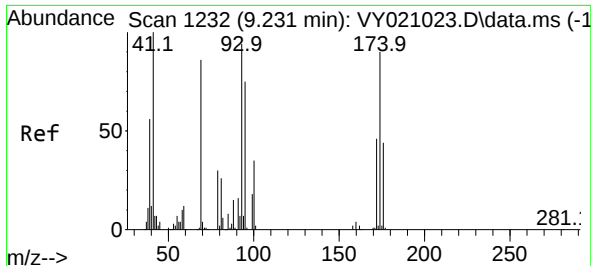
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#48
Methyl methacrylate
Concen: 5.023 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

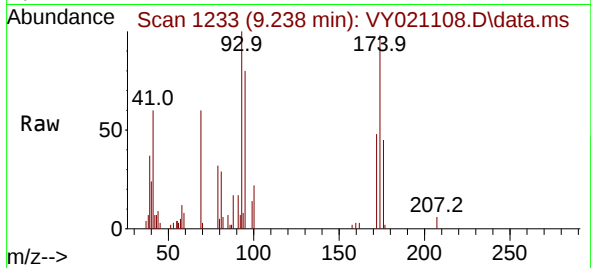
Tgt Ion: 41 Resp: 5670
Ion Ratio Lower Upper
41 100
69 88.9 72.1 108.1
39 59.3 42.8 64.2





#49
1,4-Dioxane
Concen: 102.182 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

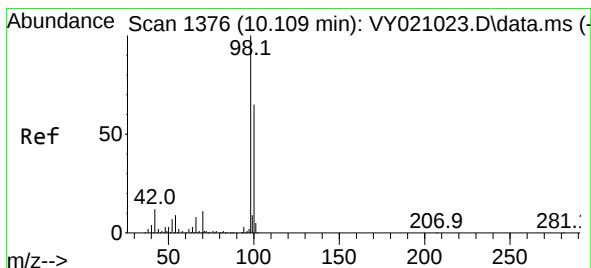
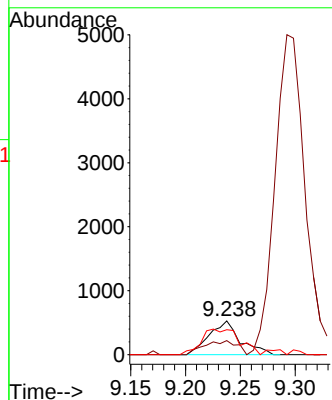
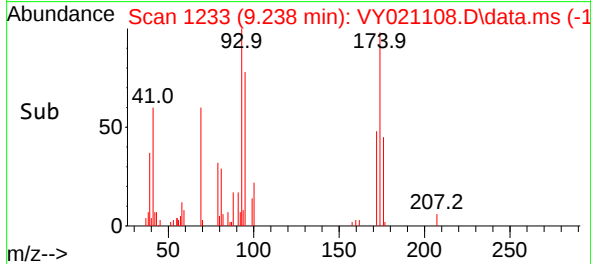
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
43 43.5 28.2 42.4
58 93.1 52.2 78.2

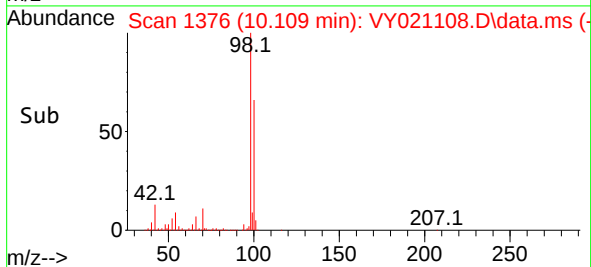
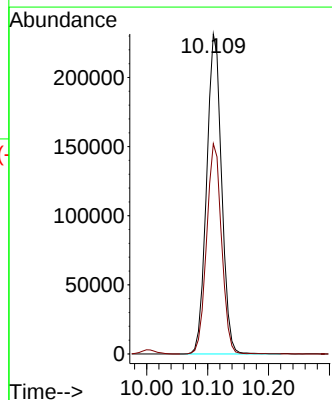
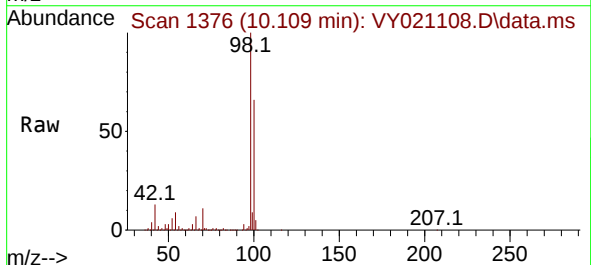
Manual Integrations
APPROVED

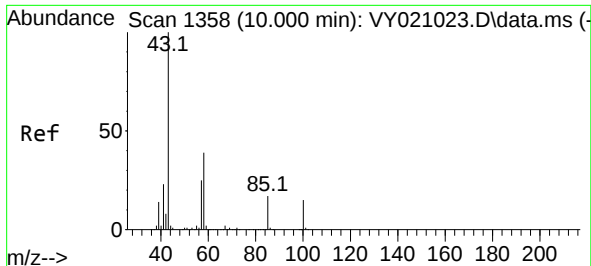
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#50
Toluene-d8
Concen: 54.040 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

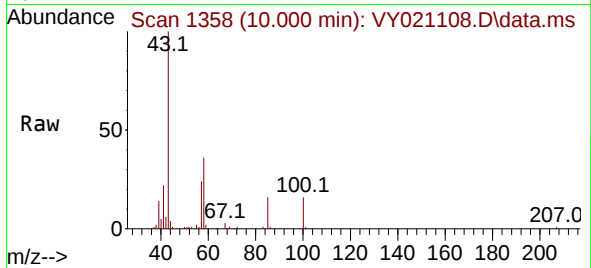
Tgt Ion: 98 Resp: 394904
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 27.099 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

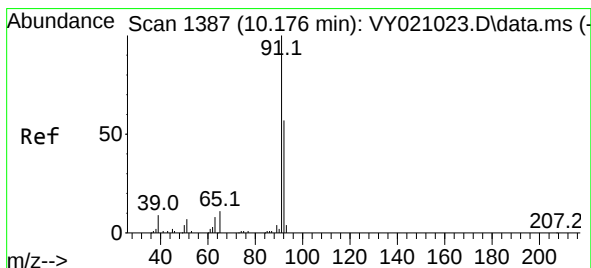
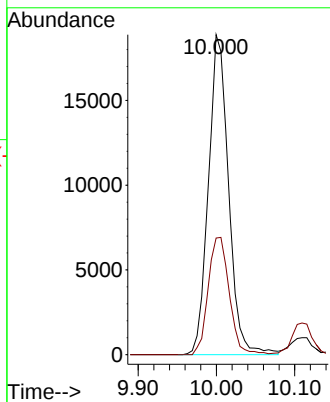
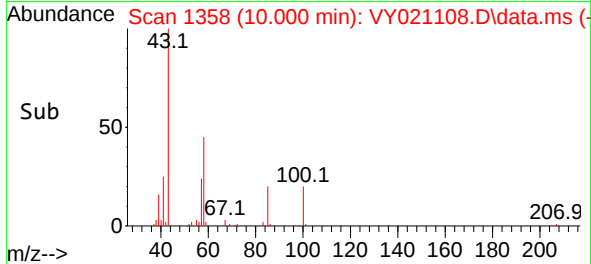
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 33772
Ion Ratio Lower Upper
43 100
58 38.3 32.2 48.2

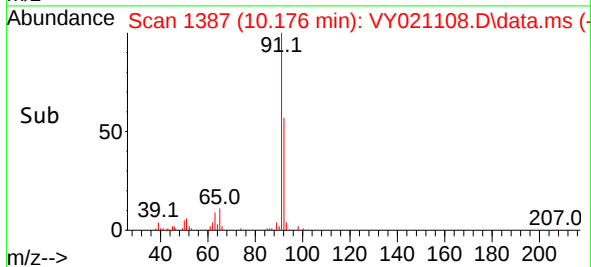
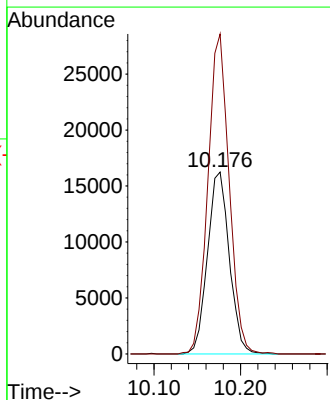
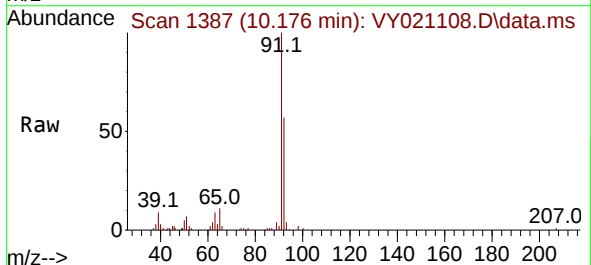
Manual Integrations
APPROVED

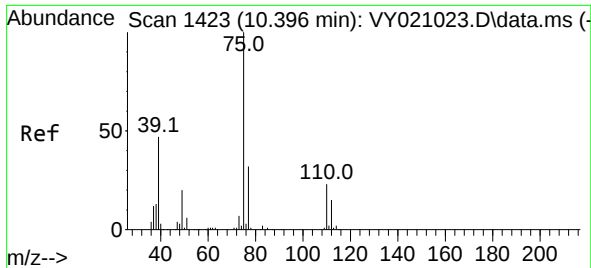
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#52
Toluene
Concen: 5.425 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

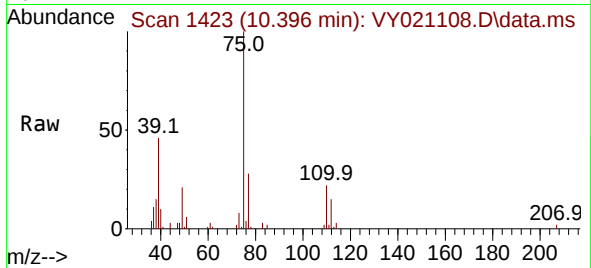
Tgt Ion: 92 Resp: 28419
Ion Ratio Lower Upper
92 100
91 171.3 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 5.343 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

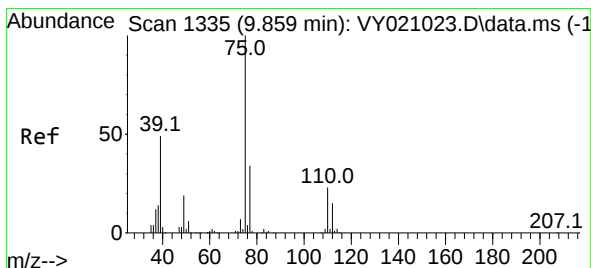
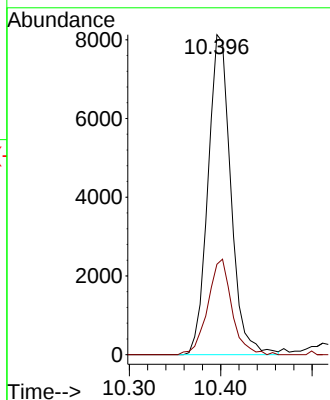
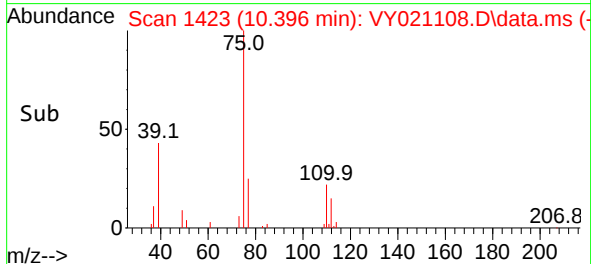
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 75 Resp: 1410
Ion Ratio Lower Upper
75 100
77 28.3 24.6 36.8

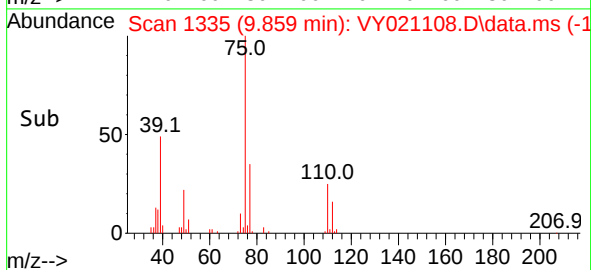
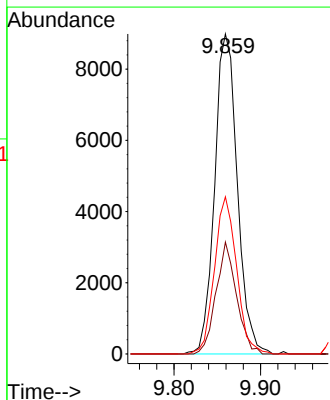
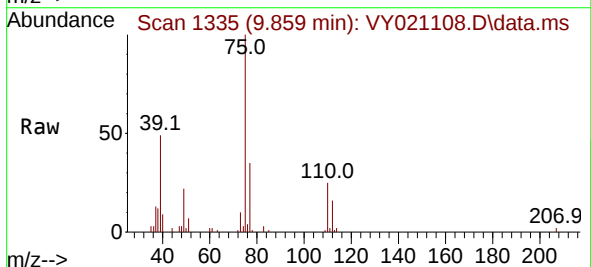
Manual Integrations
APPROVED

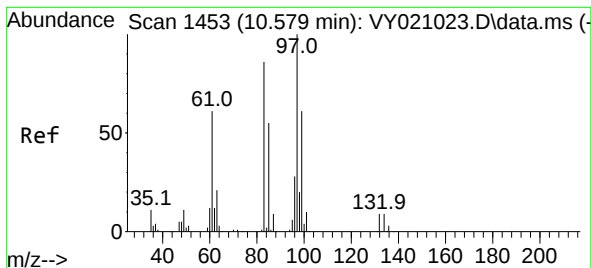
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#54
cis-1,3-Dichloropropene
Concen: 5.226 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

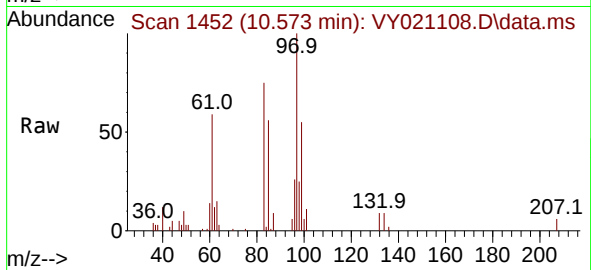
Tgt Ion: 75 Resp: 16337
Ion Ratio Lower Upper
75 100
77 35.0 24.6 36.8
39 49.1 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 5.598 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

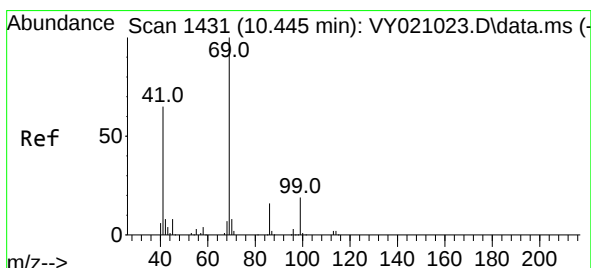
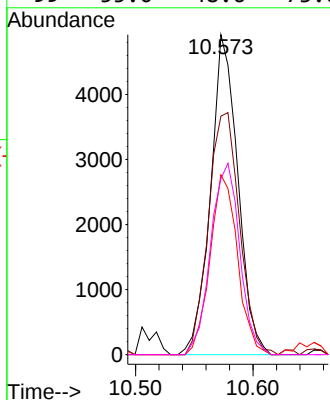
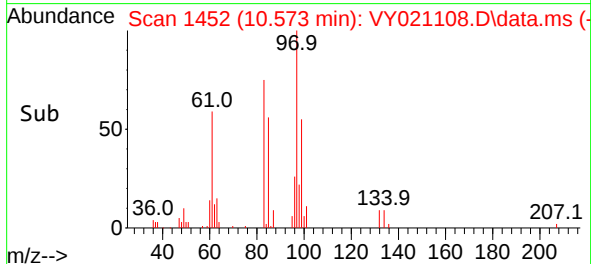
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



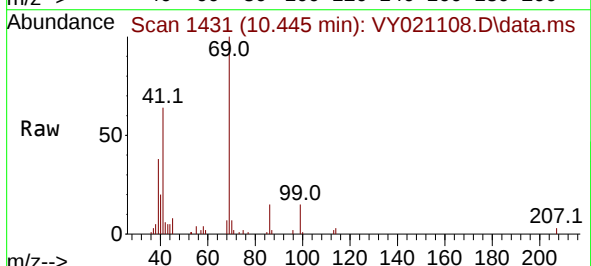
Tgt Ion:	97	Resp:	7949
Ion	Ratio	Lower	Upper
97	100		
83	74.5	69.4	104.2
85	56.2	43.9	65.9
99	55.0	48.6	73.0

Manual Integrations
APPROVED

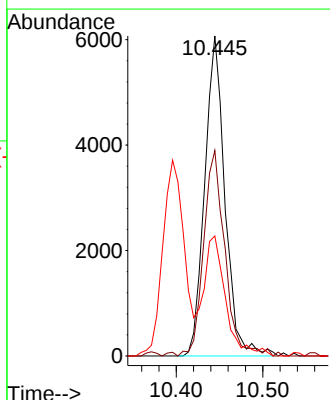
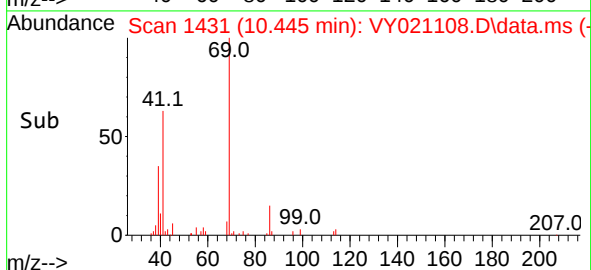
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

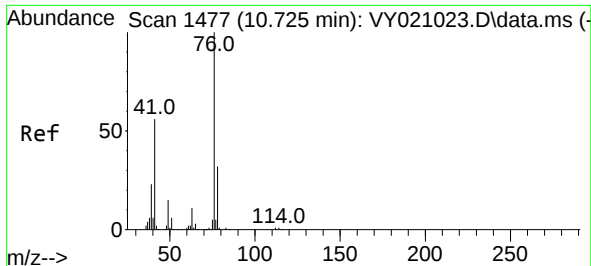


#56
Ethyl methacrylate
Concen: 5.197 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38



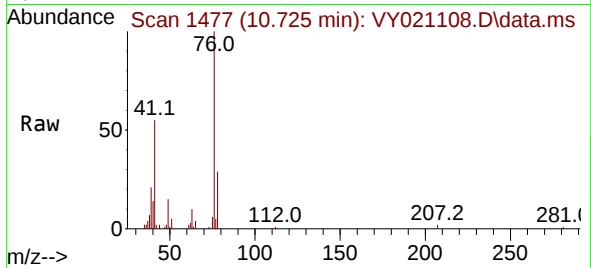
Tgt Ion:	69	Resp:	9871
Ion	Ratio	Lower	Upper
69	100		
41	67.3	49.2	73.8
39	41.0	26.8	40.2#





#57
1,3-Dichloropropane
Concen: 5.539 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

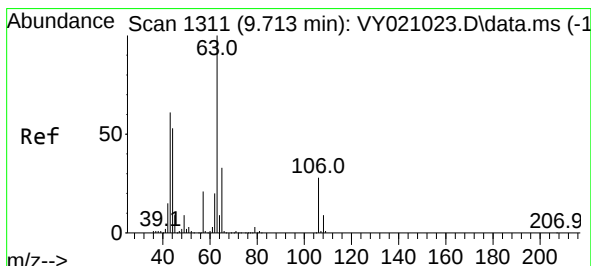
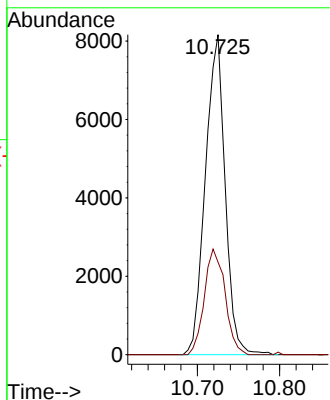
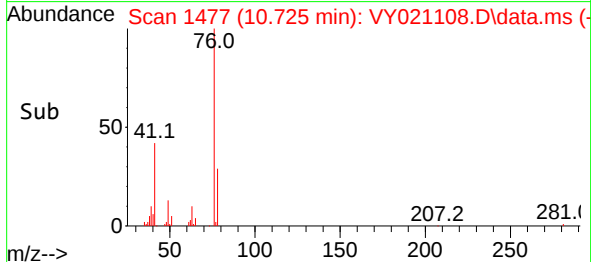
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025



Tgt Ion: 76 Resp: 1361
Ion Ratio Lower Upper
76 100
78 34.7 26.1 39.1

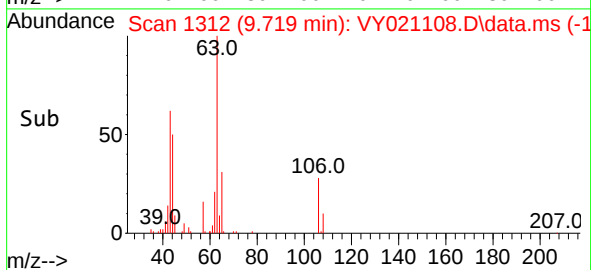
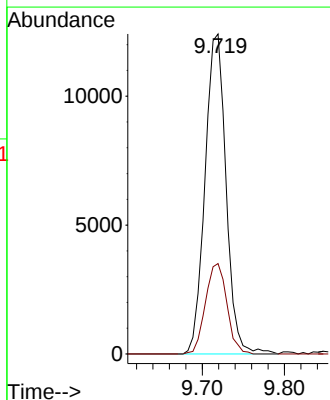
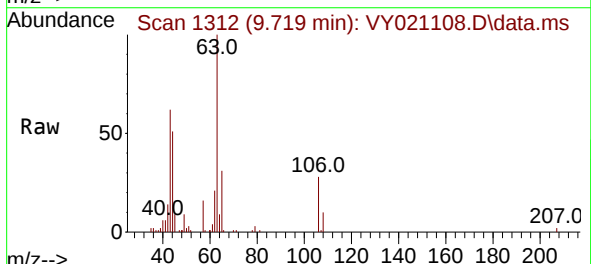
Manual Integrations
APPROVED

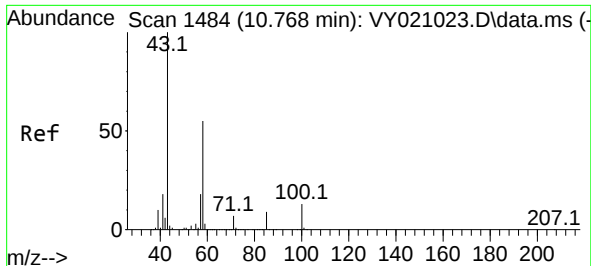
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 24.457 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

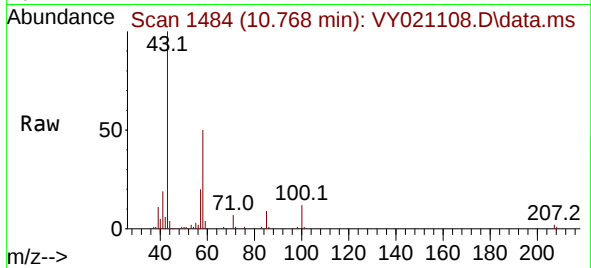
Tgt Ion: 63 Resp: 22101
Ion Ratio Lower Upper
63 100
106 28.7 22.4 33.6





#59
2-Hexanone
Concen: 25.746 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

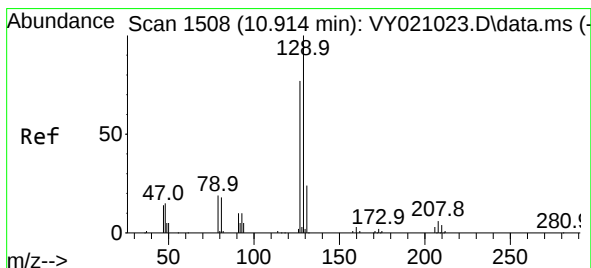
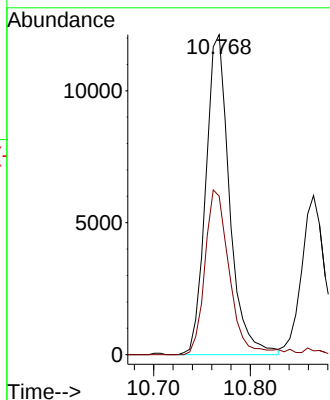
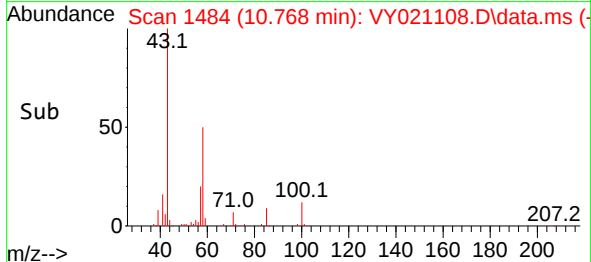
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion: 43 Resp: 20659
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.3

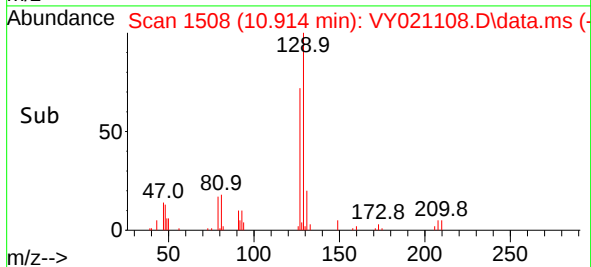
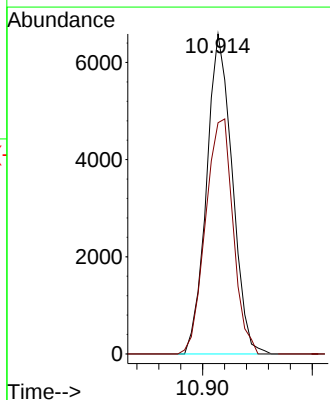
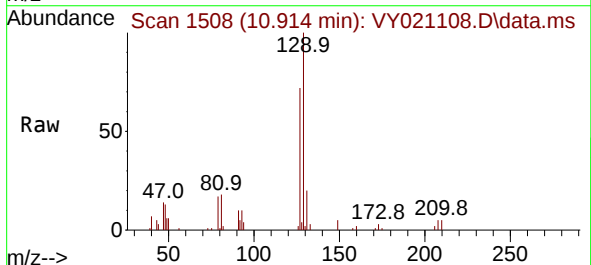
Manual Integrations
APPROVED

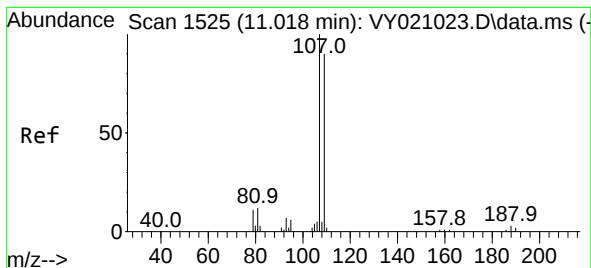
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#60
Dibromochloromethane
Concen: 5.374 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:129 Resp: 10715
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6





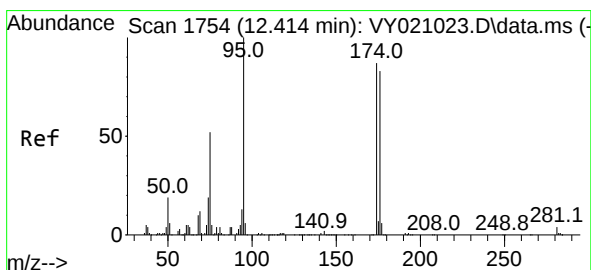
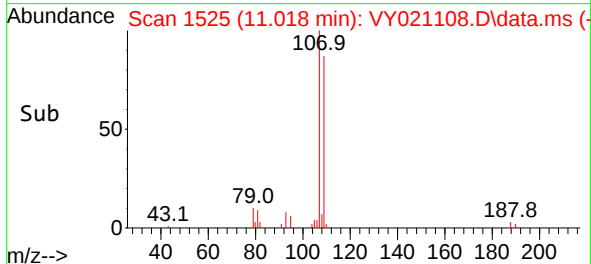
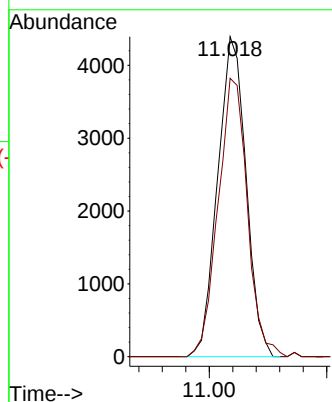
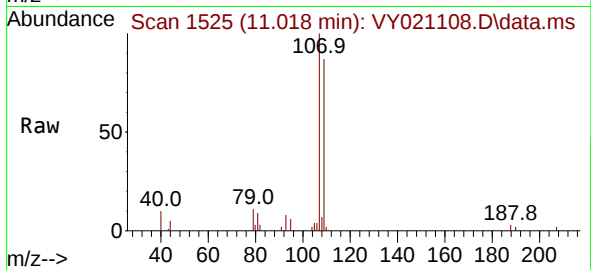
#61
1,2-Dibromoethane
Concen: 5.545 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:107 Resp: 7374
Ion Ratio Lower Upper
107 100
109 89.9 75.4 113.2

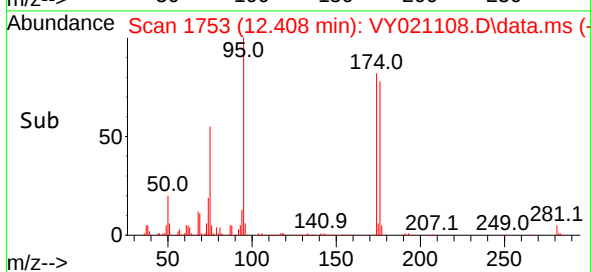
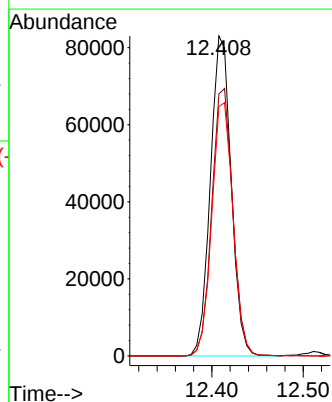
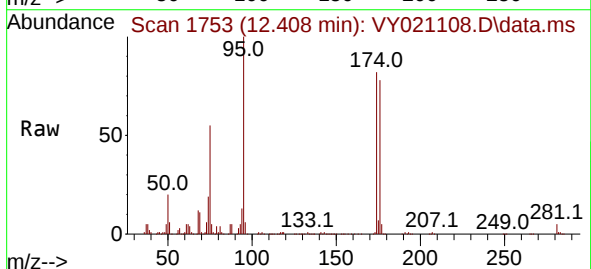
Manual Integrations
APPROVED

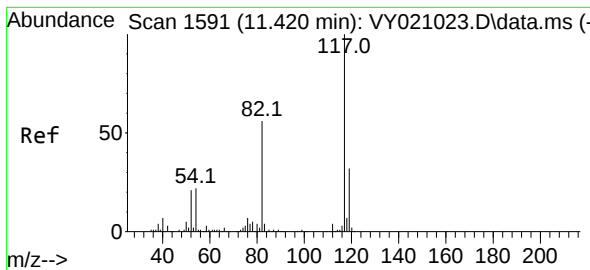
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#62
4-Bromofluorobenzene
Concen: 54.893 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion: 95 Resp: 131050
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.0
176 80.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2025

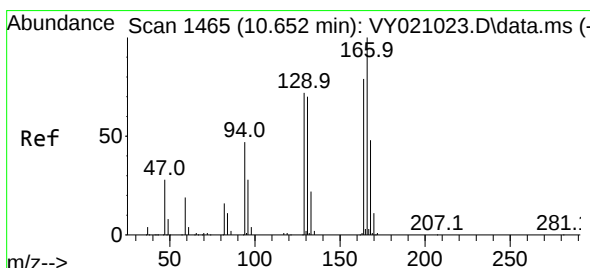
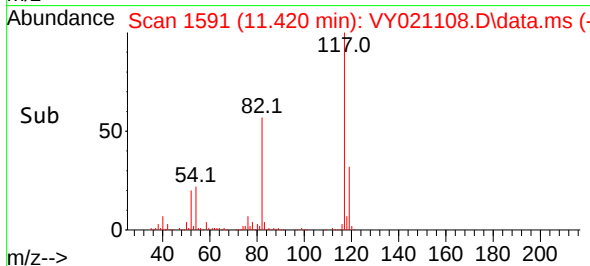
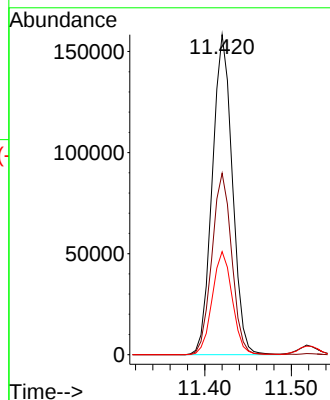
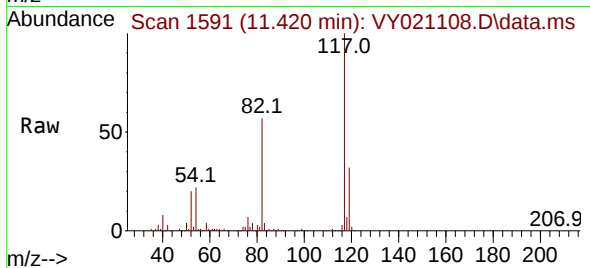
Tgt Ion:117 Resp: 25481

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.8	65.8
119	32.2	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#64

Tetrachloroethene

Concen: 5.333 ug/l

RT: 10.652 min Scan# 1465

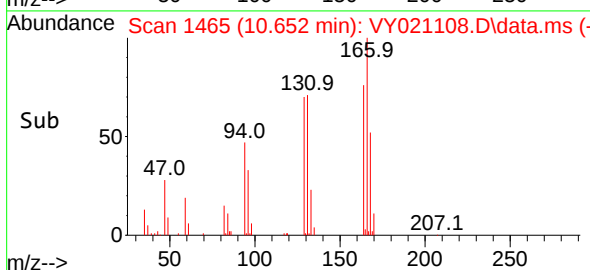
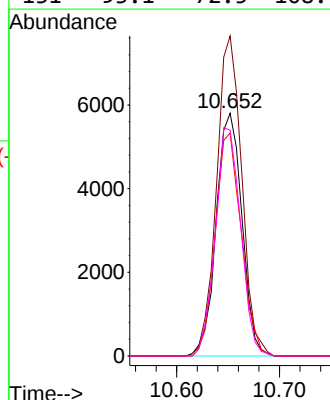
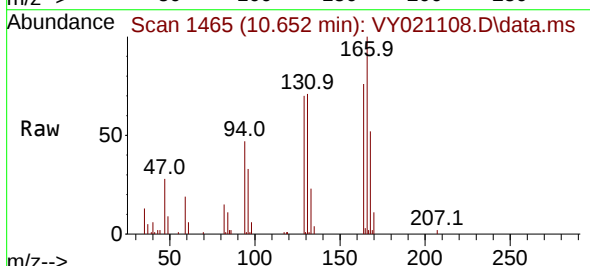
Delta R.T. -0.000 min

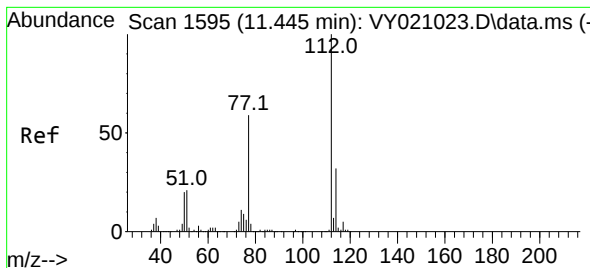
Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Tgt Ion:164 Resp: 10087

Ion	Ratio	Lower	Upper
164	100		
166	131.8	98.8	148.2
129	91.9	78.9	118.3
131	93.1	72.5	108.7





#65

Chlorobenzene

Concen: 5.405 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion:112 Resp: 3066

Ion Ratio Lower Upper

112 100

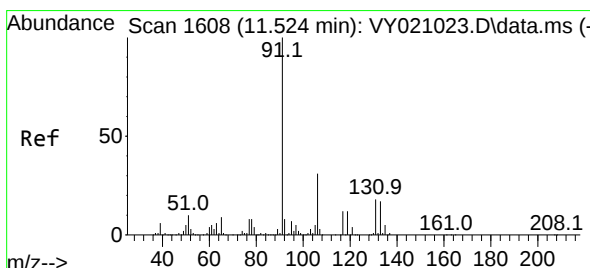
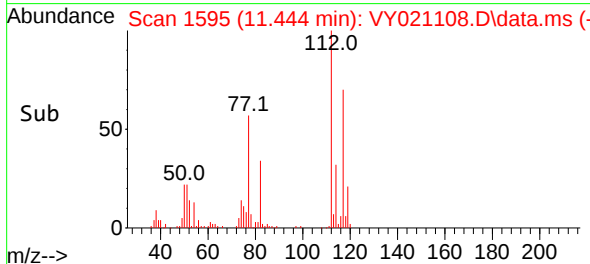
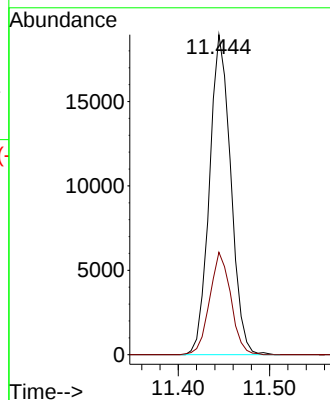
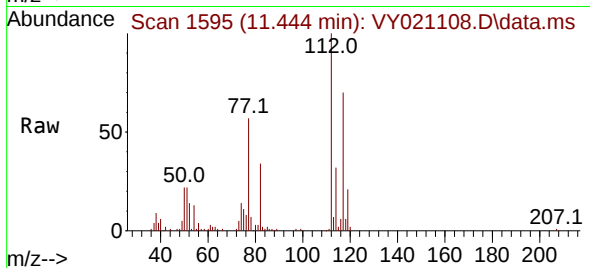
114 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 5.500 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

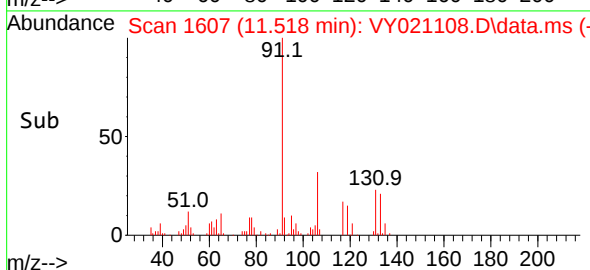
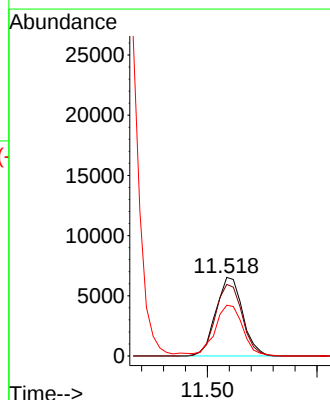
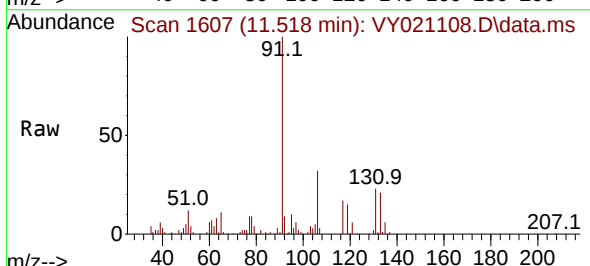
Tgt Ion:131 Resp: 11090

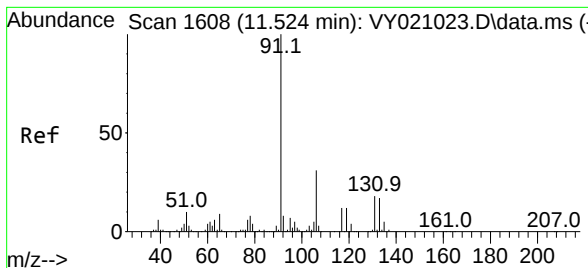
Ion Ratio Lower Upper

131 100

133 91.6 47.0 141.0

119 66.3 33.3 99.9





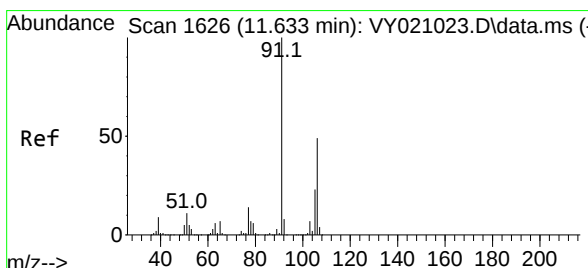
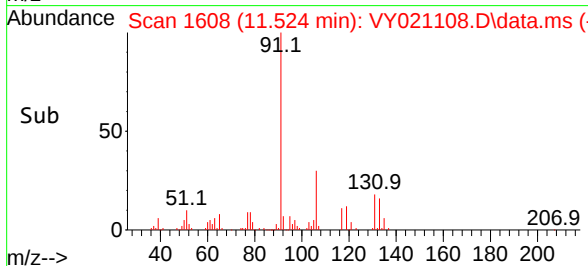
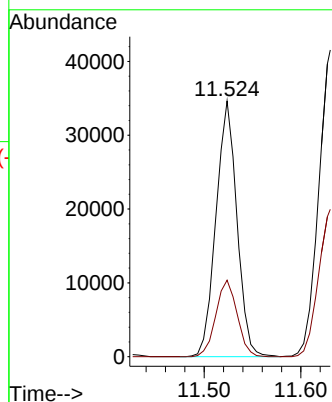
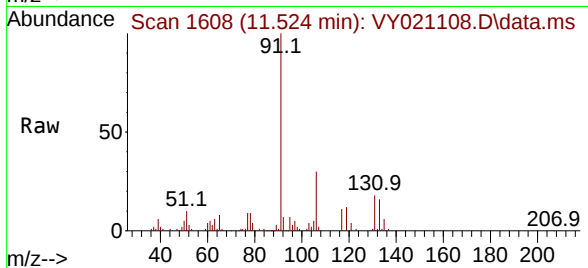
#67
Ethyl Benzene
Concen: 5.182 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion: 91 Resp: 5200
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4

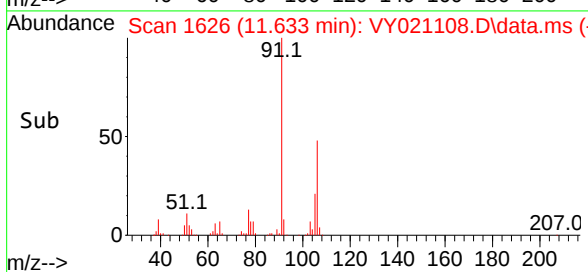
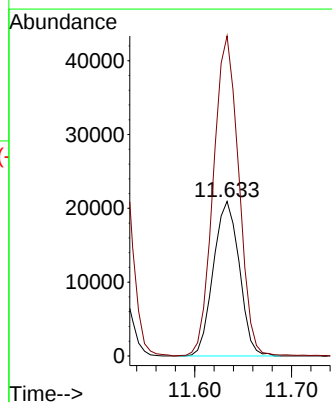
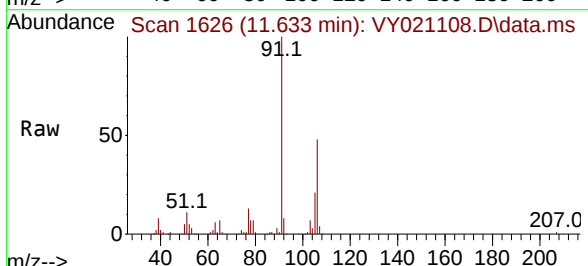
Manual Integrations
APPROVED

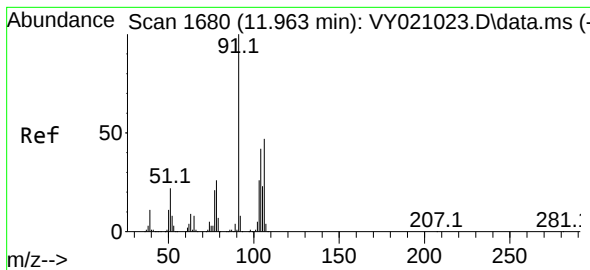
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#68
m/p-Xylenes
Concen: 10.387 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

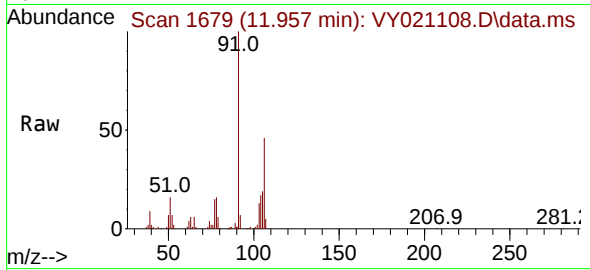
Tgt Ion:106 Resp: 38994
Ion Ratio Lower Upper
106 100
91 203.2 160.7 241.1





#69
o-Xylene
Concen: 5.185 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

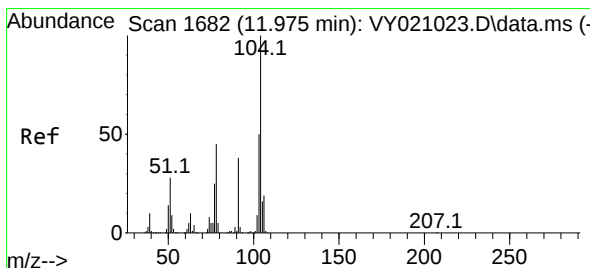
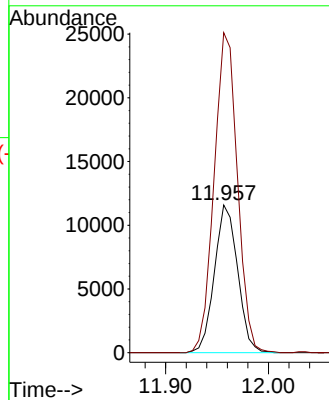
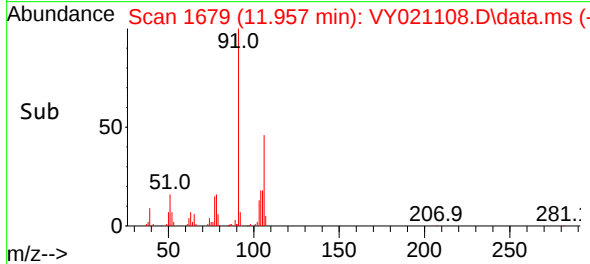
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025



Tgt Ion:106 Resp: 18148
Ion Ratio Lower Upper
106 100
91 217.7 106.5 319.5

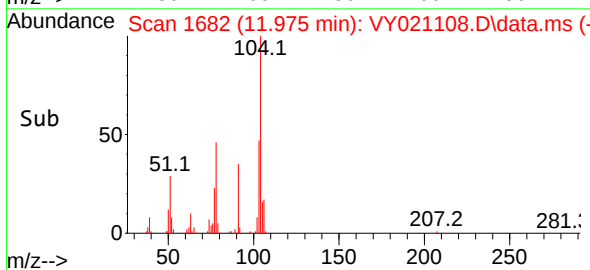
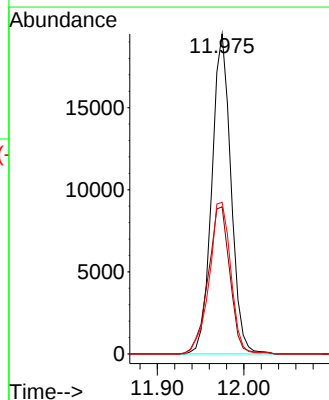
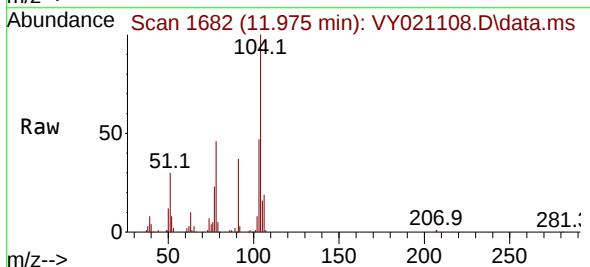
Manual Integrations
APPROVED

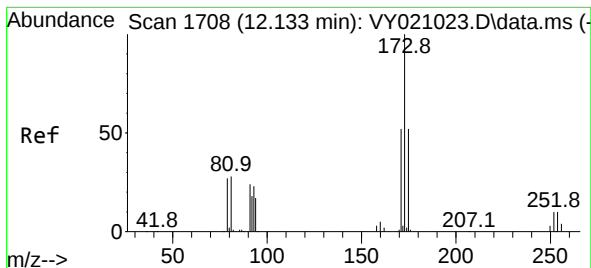
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#70
Styrene
Concen: 5.132 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:104 Resp: 29940
Ion Ratio Lower Upper
104 100
78 52.3 39.2 58.8
103 53.3 43.8 65.6





#71

Bromoform

Concen: 5.605 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

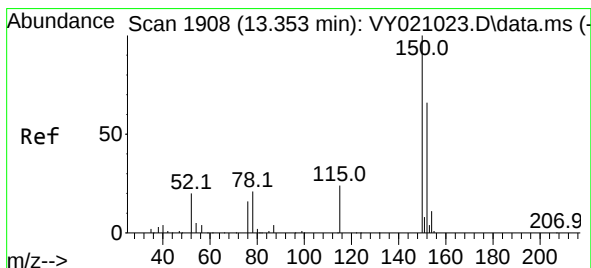
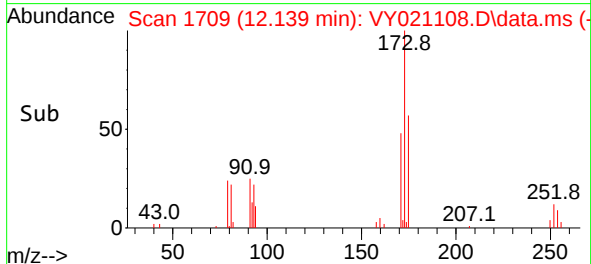
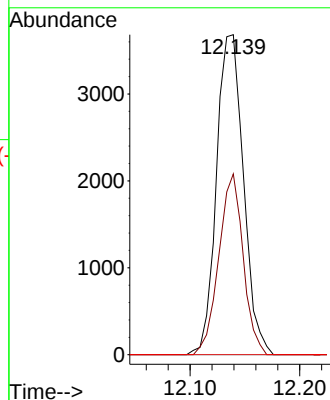
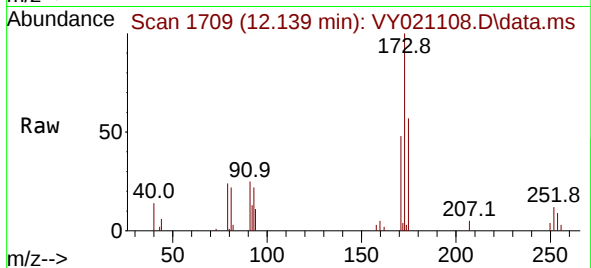
LOQ-SOIL-02-QT1-2025

Tgt Ion:173	Resp: 629
Ion Ratio	Lower Upper
173 100	
175 51.1	23.5 70.6
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

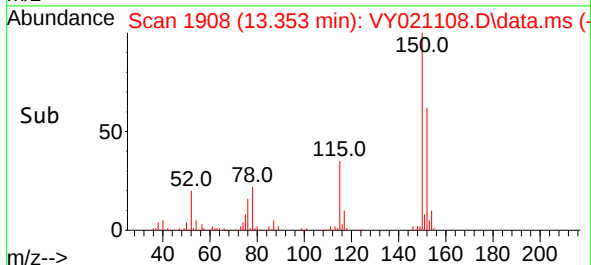
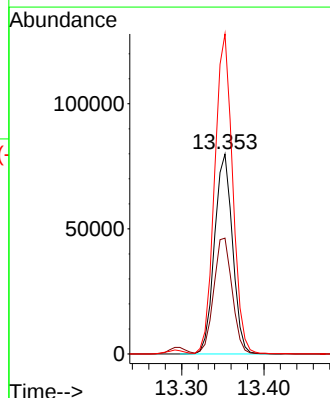
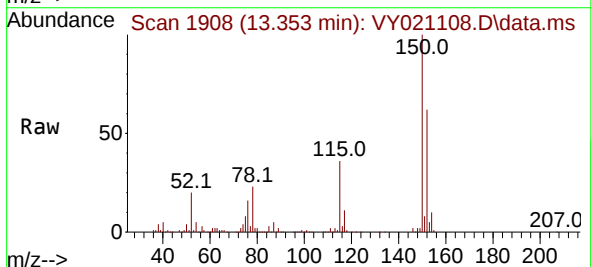
RT: 13.353 min Scan# 1908

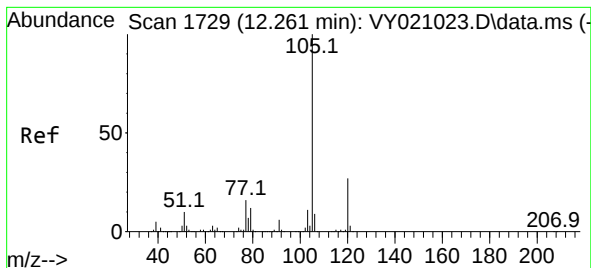
Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Tgt Ion:152	Resp: 121227
Ion Ratio	Lower Upper
152 100	
115 59.3	30.0 90.0
150 159.4	0.0 344.6





#73

Isopropylbenzene

Concen: 5.069 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

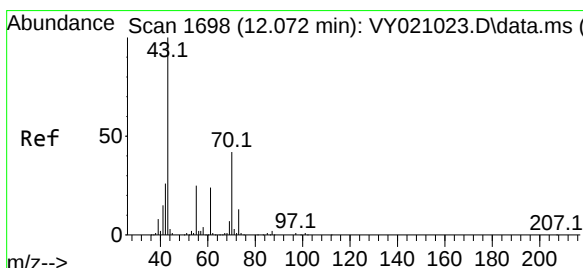
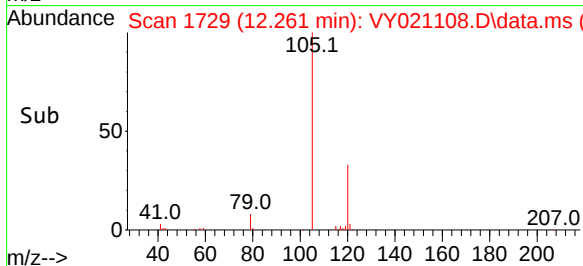
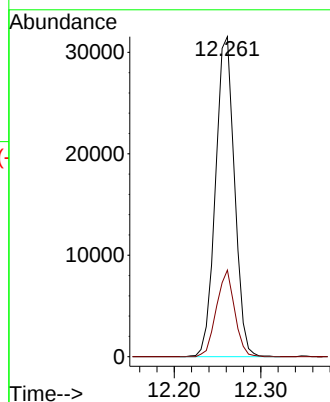
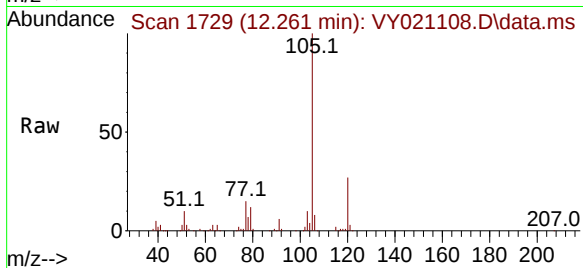
LOQ-SOIL-02-QT1-2025

Tgt Ion:105 Resp: 48004
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#74

N-ethyl acetate

Concen: 4.796 ug/l

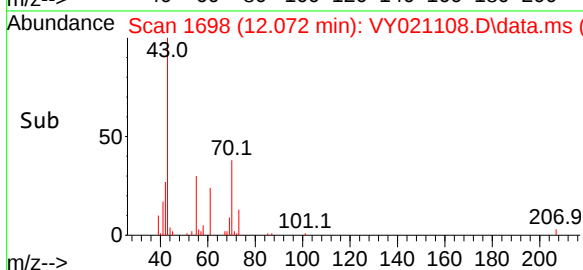
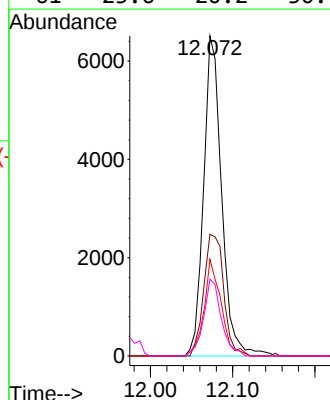
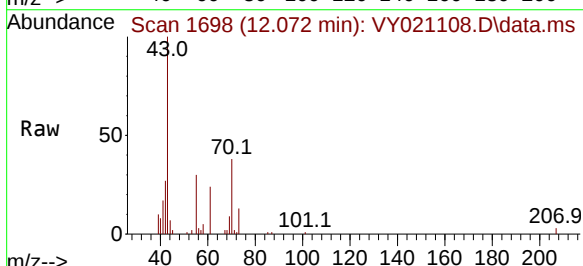
RT: 12.072 min Scan# 1698

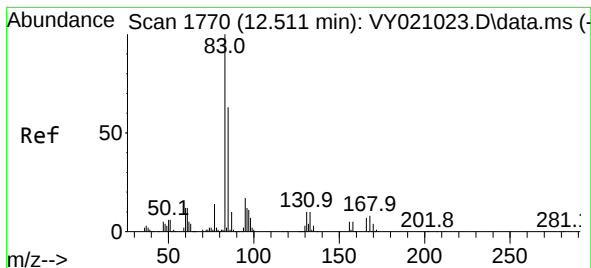
Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Tgt Ion: 43 Resp: 9929
 Ion Ratio Lower Upper
 43 100
 70 42.0 36.6 55.0
 55 28.7 22.2 33.4
 61 23.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.534 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

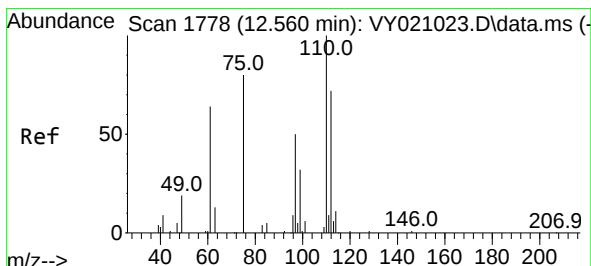
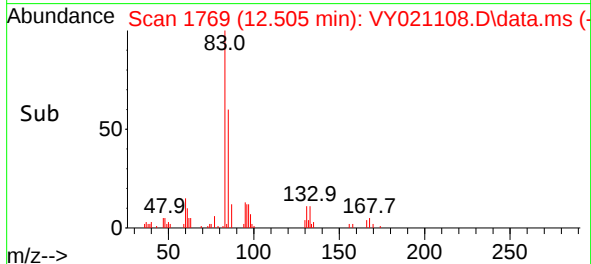
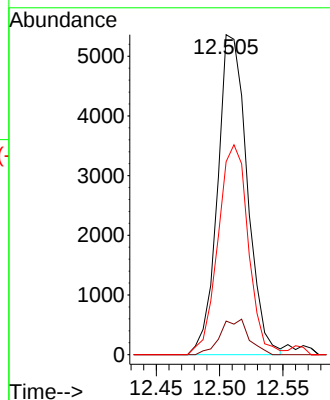
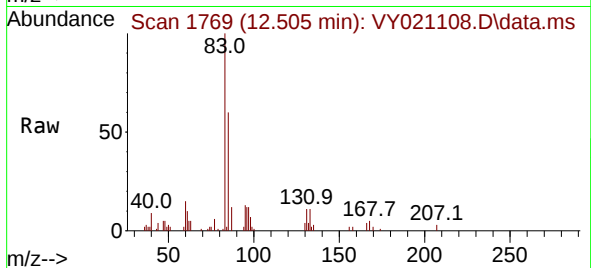
LOQ-SOIL-02-QT1-2025

Tgt Ion: 83	Resp: 871
Ion Ratio	Lower Upper
83 100	
131 10.7	4.9 14.6
85 67.0	32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#76

1,2,3-Trichloropropane

Concen: 5.616 ug/l m

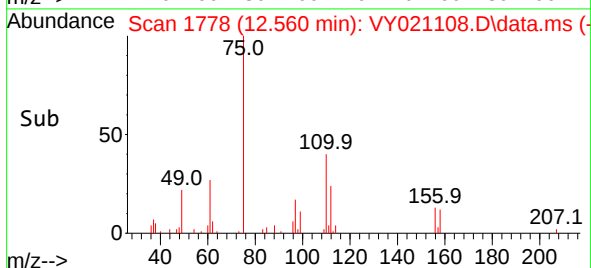
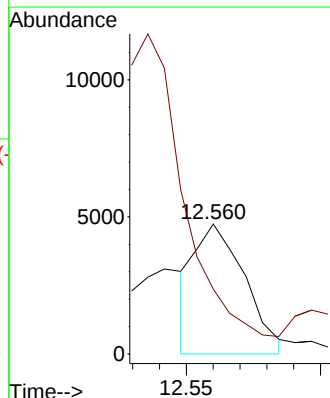
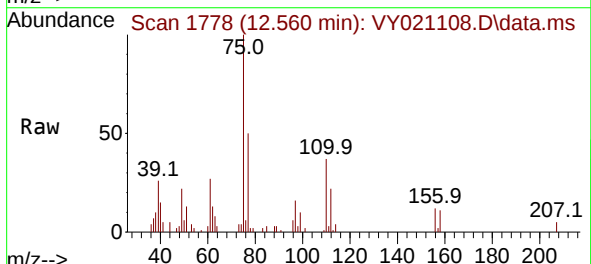
RT: 12.560 min Scan# 1778

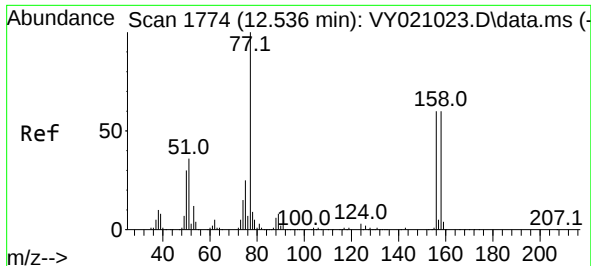
Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Tgt Ion: 75	Resp: 6176
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





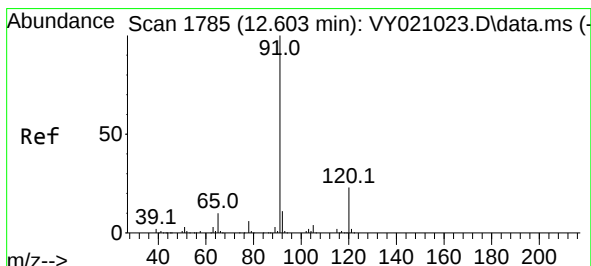
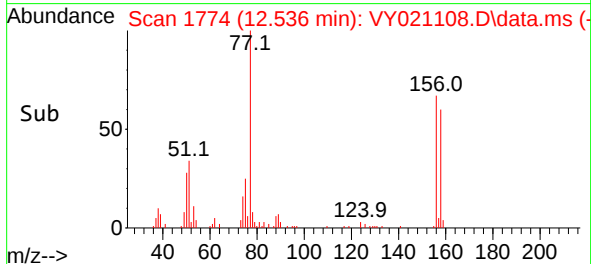
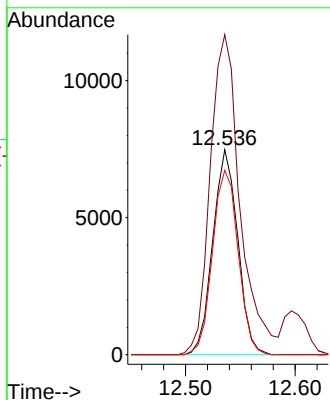
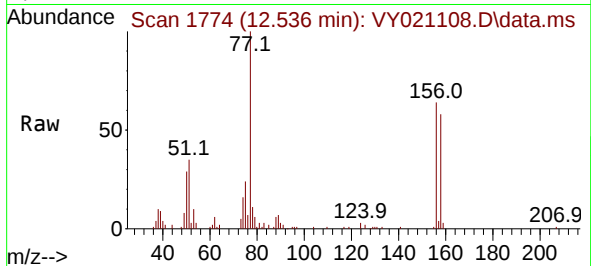
#77
Bromobenzene
Concen: 5.408 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:156 Resp: 1181
Ion Ratio Lower Upper
156 100
77 187.7 97.3 291.8
158 92.6 48.4 145.0

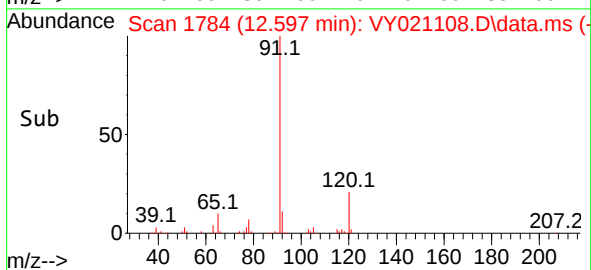
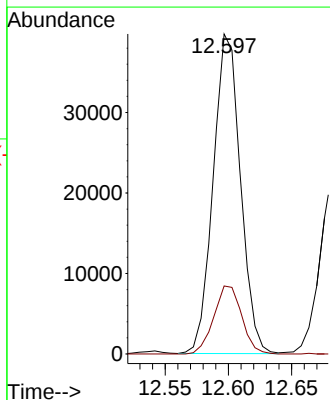
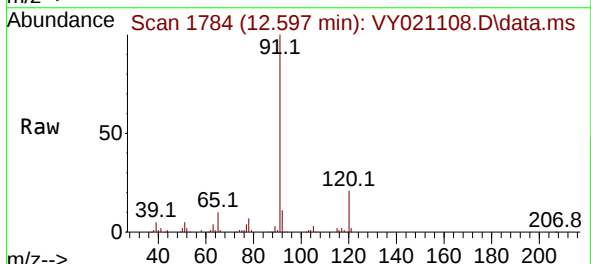
Manual Integrations
APPROVED

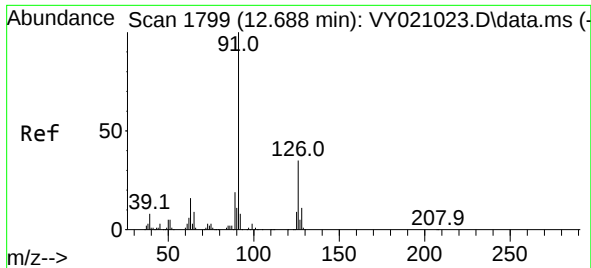
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#78
n-propylbenzene
Concen: 5.276 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion: 91 Resp: 59521
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





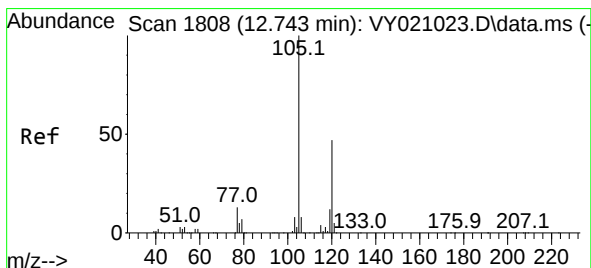
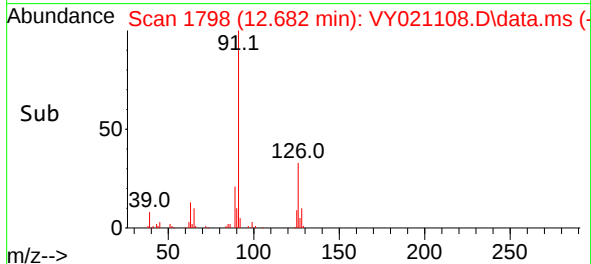
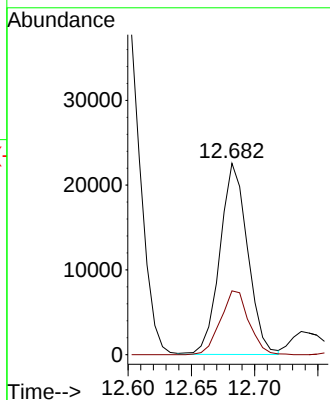
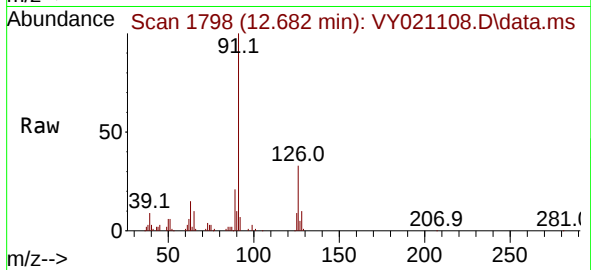
#79
2-Chlorotoluene
Concen: 5.323 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion: 91 Resp: 3438
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

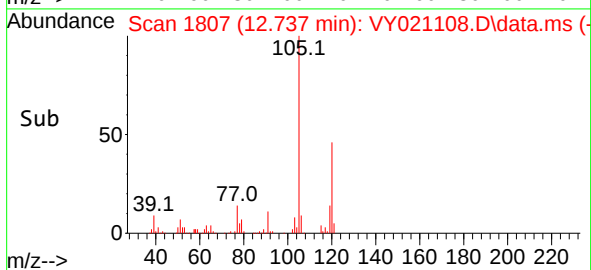
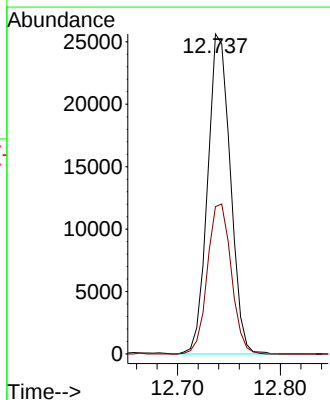
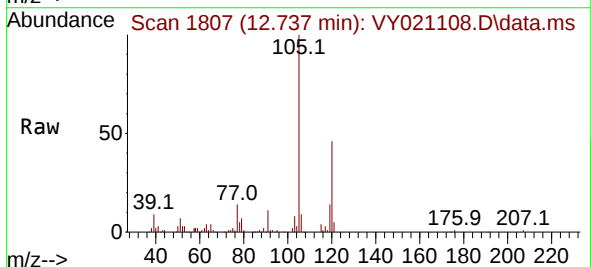
Manual Integrations
APPROVED

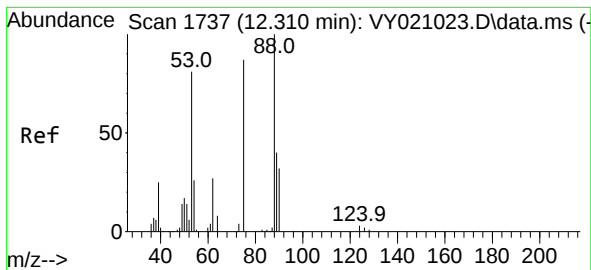
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.124 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:105 Resp: 39339
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8





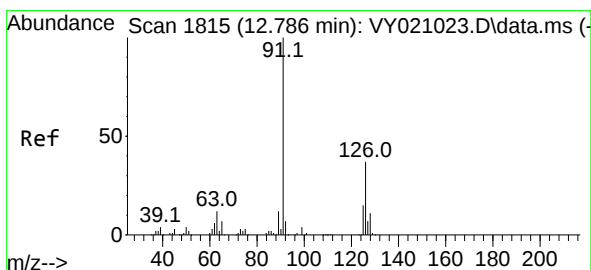
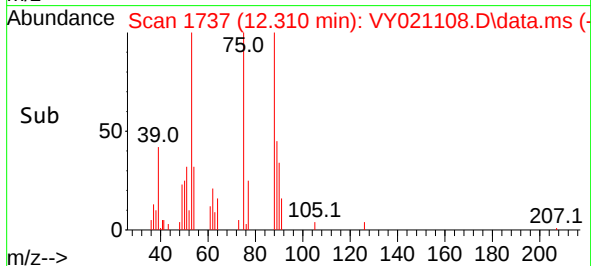
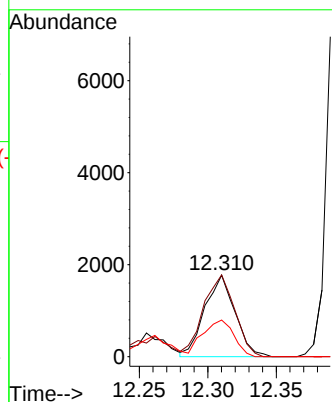
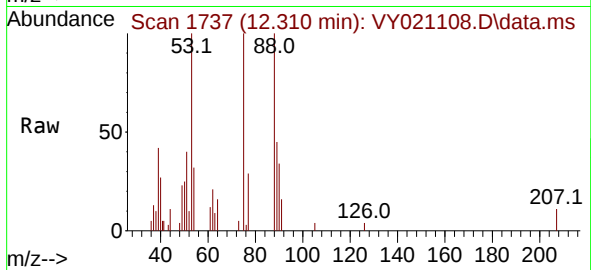
#81
trans-1,4-Dichloro-2-butene
Concen: 5.045 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion: 75 Resp: 2719
Ion Ratio Lower Upper
75 100
53 104.3 74.0 111.0
89 45.9 36.5 54.7

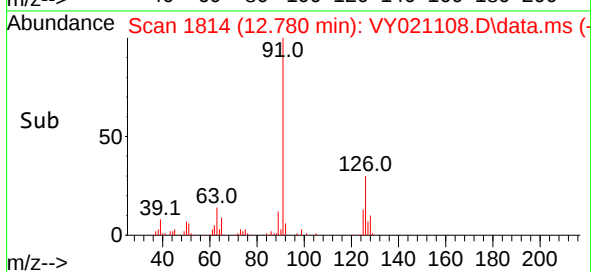
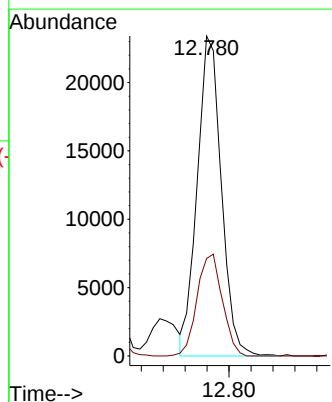
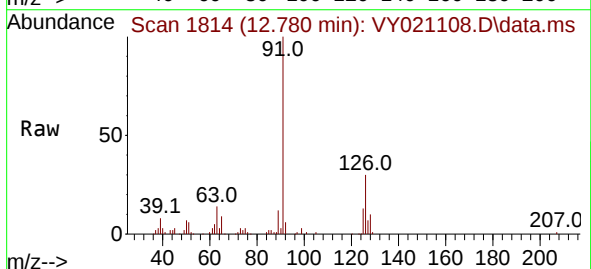
Manual Integrations
APPROVED

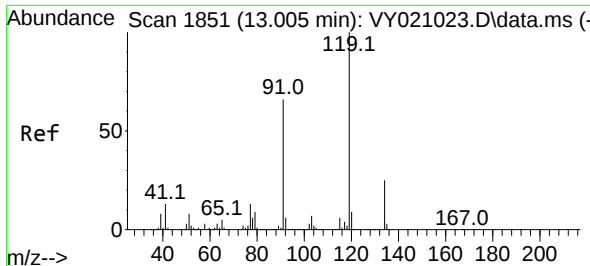
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#82
4-Chlorotoluene
Concen: 5.436 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion: 91 Resp: 35781
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2





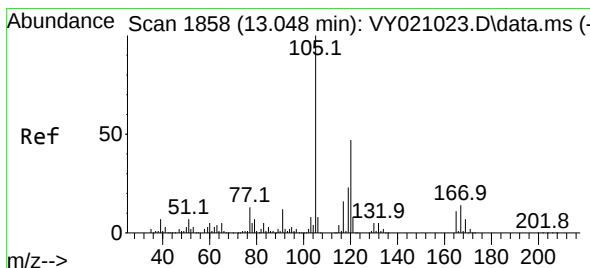
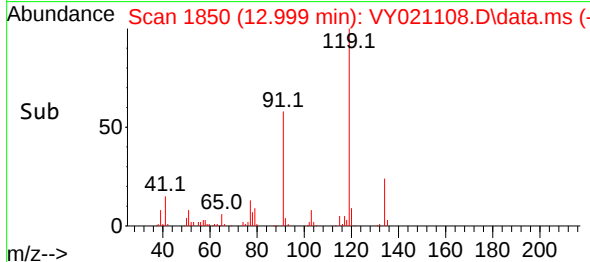
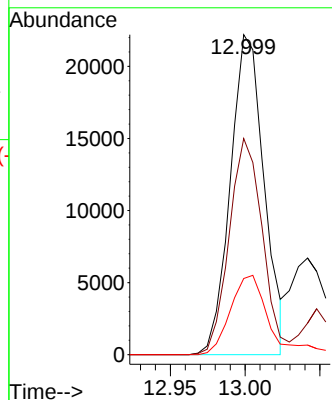
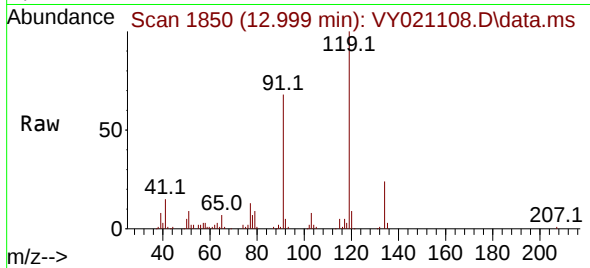
#83
tert-Butylbenzene
Concen: 4.987 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion:119 Resp: 3480
Ion Ratio Lower Upper
119 100
91 66.7 31.5 94.5
134 28.3 13.1 39.3

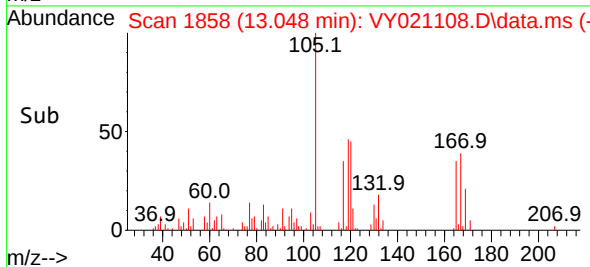
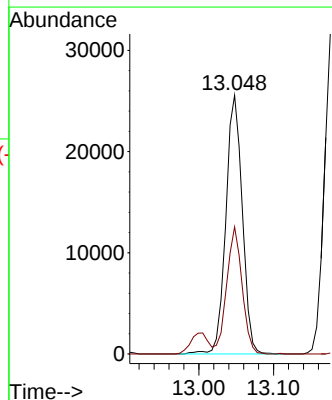
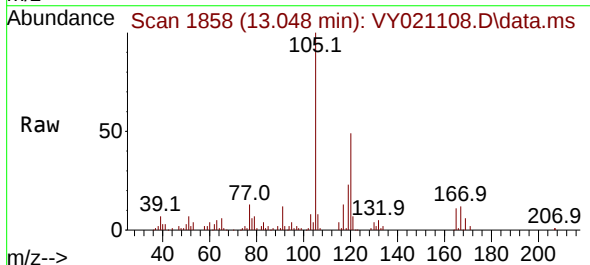
Manual Integrations
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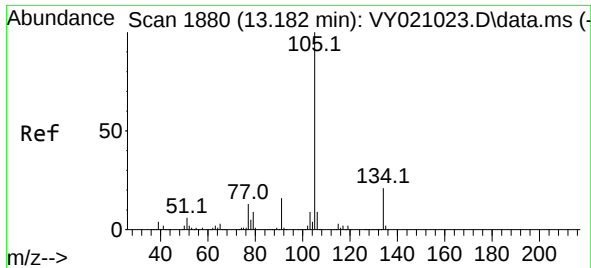
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#84
1,2,4-Trimethylbenzene
Concen: 5.217 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:105 Resp: 39166
Ion Ratio Lower Upper
105 100
120 46.1 22.1 66.3





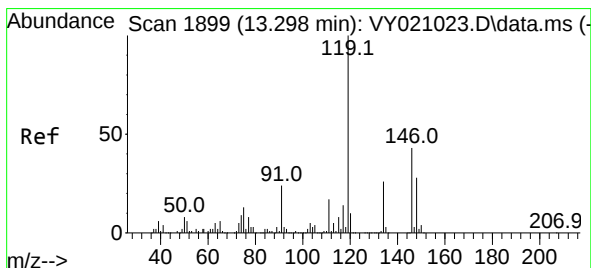
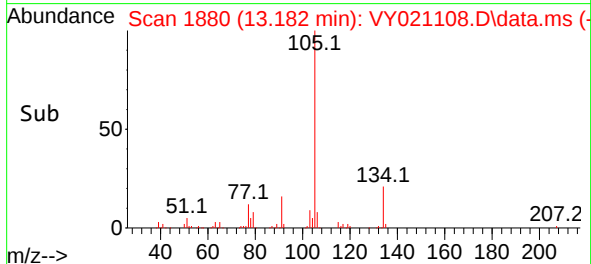
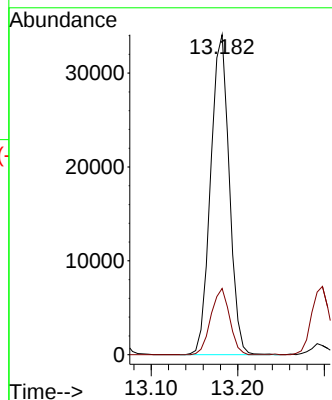
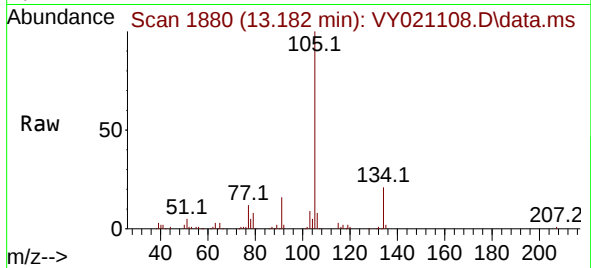
#85
 sec-Butylbenzene
 Concen: 5.064 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021108.D
 Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Tgt Ion:105 Resp: 5087
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.7 28.9

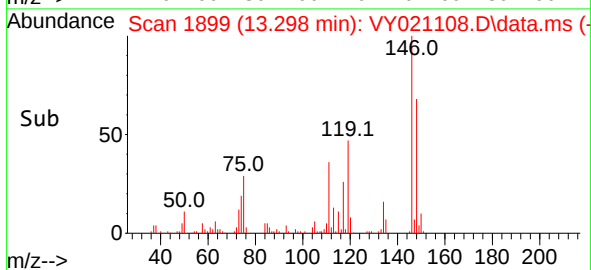
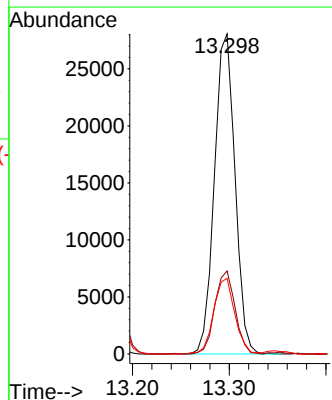
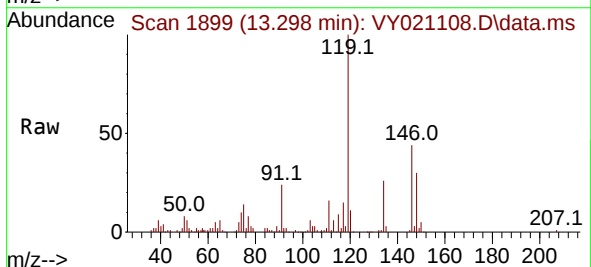
Manual Integrations
 APPROVED

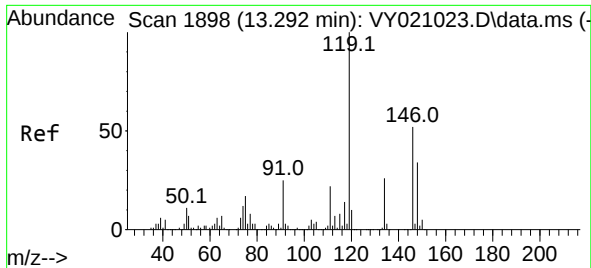
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#86
 p-Isopropyltoluene
 Concen: 4.966 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021108.D
 Acq: 06 Feb 2025 13:38

Tgt Ion:119 Resp: 41436
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 24.3 11.7 35.0





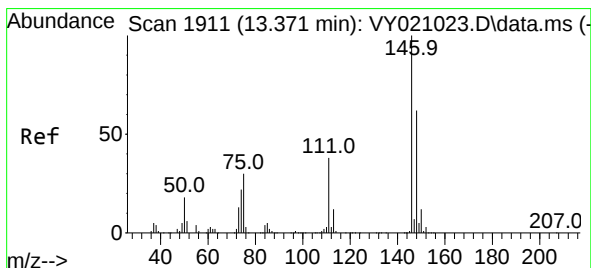
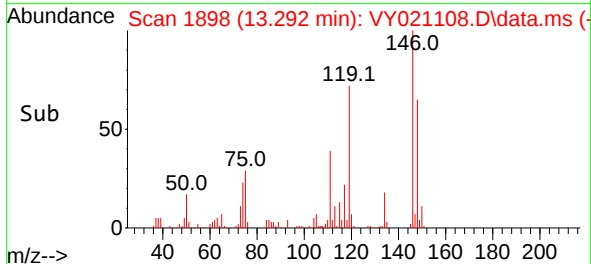
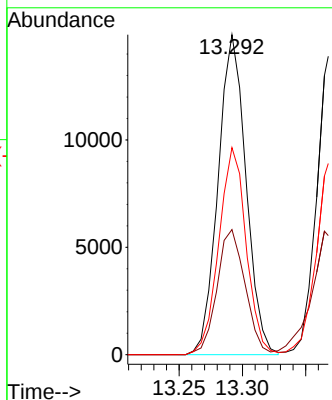
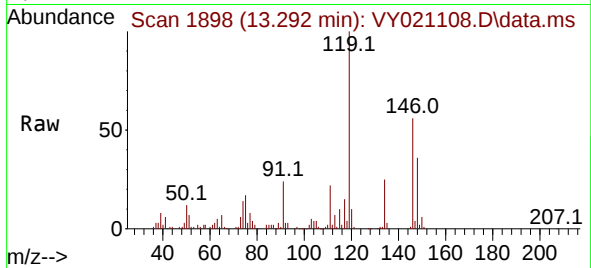
#87
1,3-Dichlorobenzene
Concen: 5.422 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion:146 Resp: 22870
Ion Ratio Lower Upper
146 100
111 39.4 20.2 60.5
148 63.4 31.9 95.9

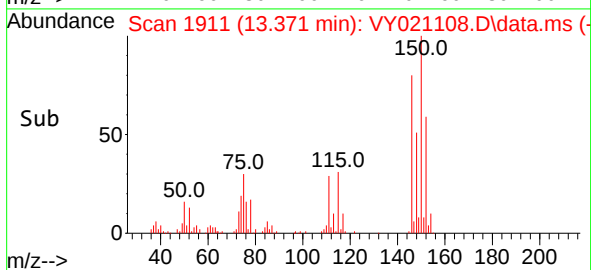
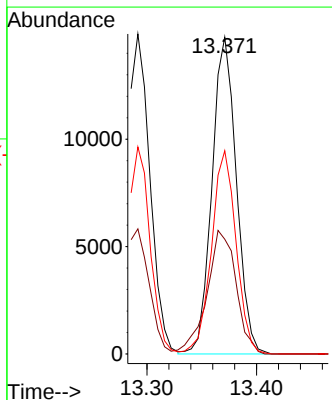
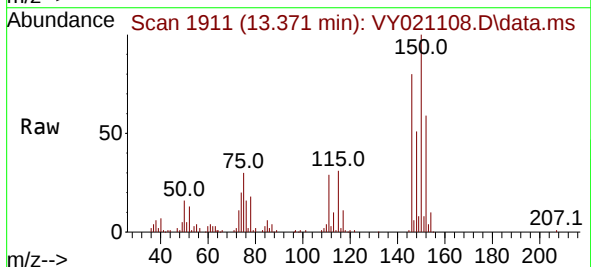
Manual Integrations
APPROVED

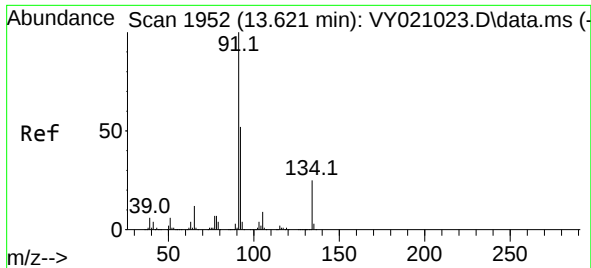
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#88
1,4-Dichlorobenzene
Concen: 5.495 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

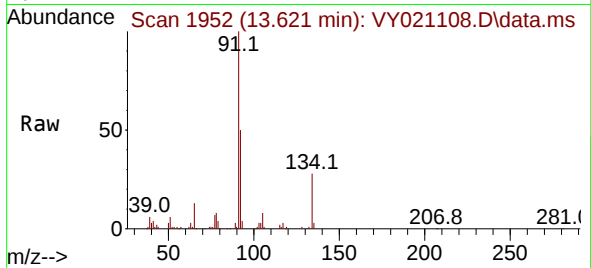
Tgt Ion:146 Resp: 22830
Ion Ratio Lower Upper
146 100
111 46.6 19.3 57.9
148 64.8 31.6 94.7





#89
n-Butylbenzene
Concen: 4.879 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

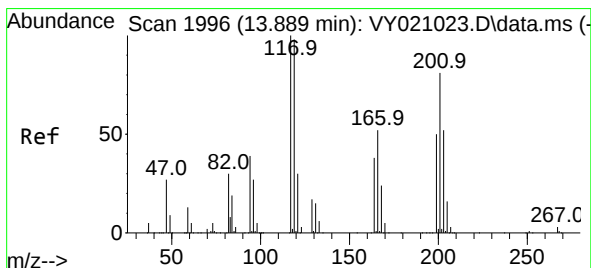
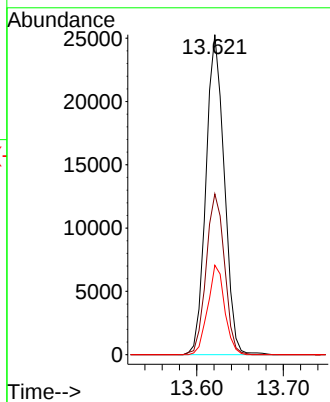
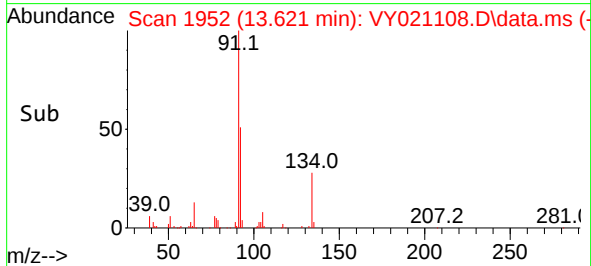
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025



Tgt Ion: 91 Resp: 3714
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.2
134 25.8 12.3 36.8

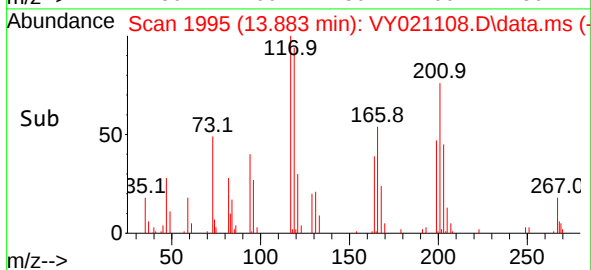
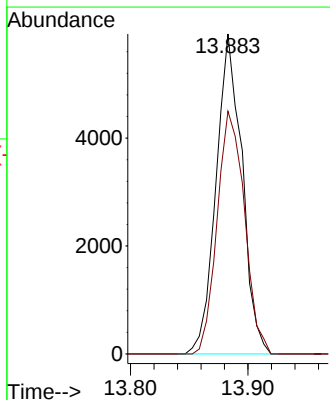
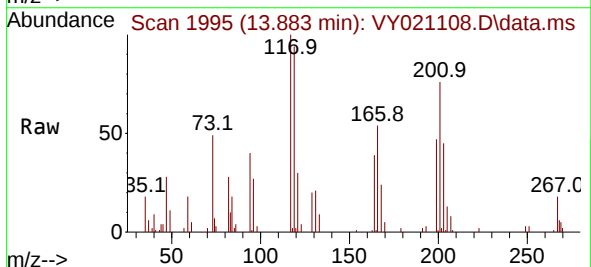
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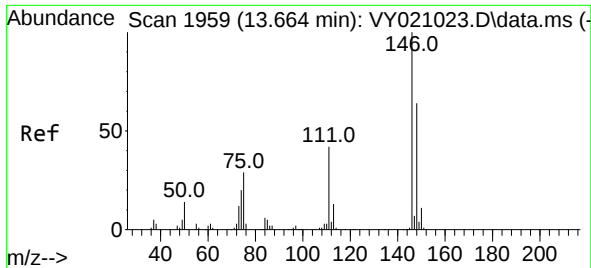
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#90
Hexachloroethane
Concen: 5.219 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:117 Resp: 9086
Ion Ratio Lower Upper
117 100
201 79.9 33.4 100.1





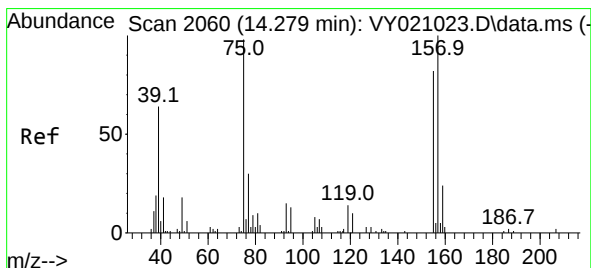
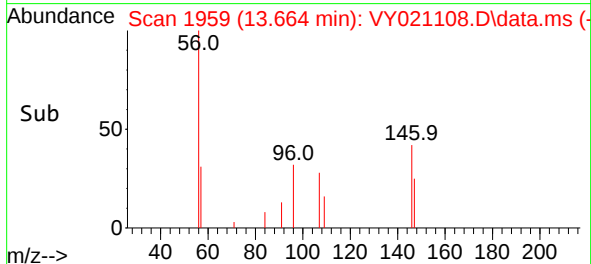
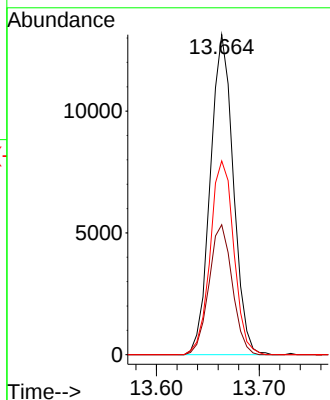
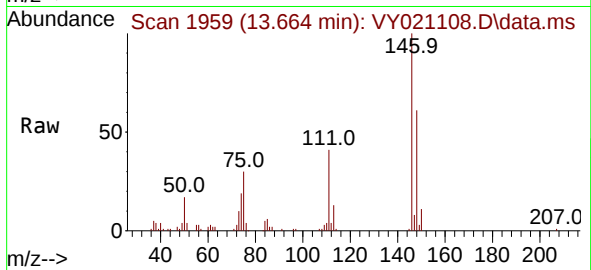
#91
1,2-Dichlorobenzene
Concen: 5.577 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2025

Tgt Ion:146 Resp: 2042
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 62.3 31.4 94.3

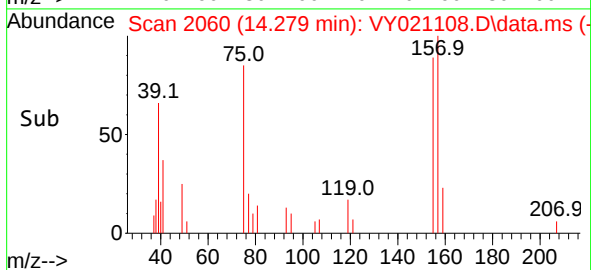
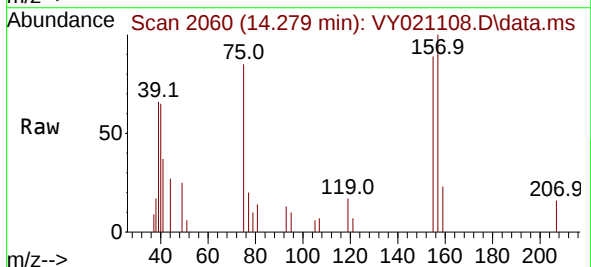
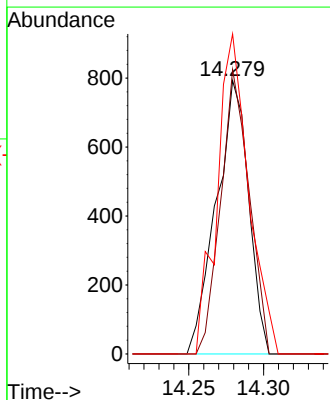
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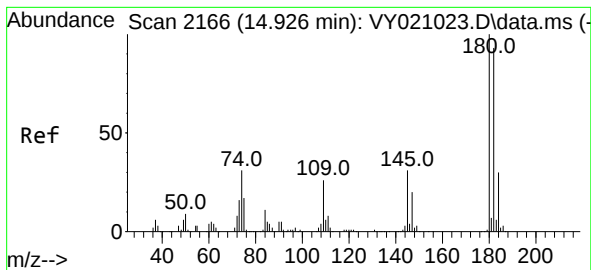
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.052 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
155 91.7 42.1 126.3
157 114.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 4.528 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

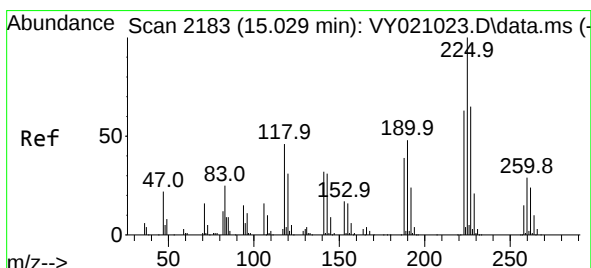
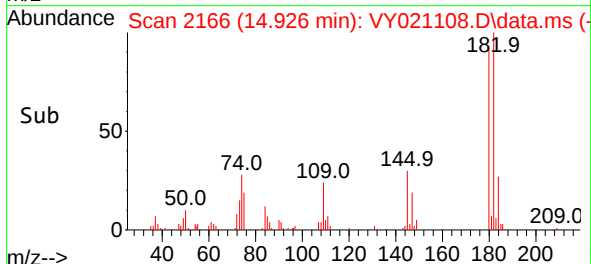
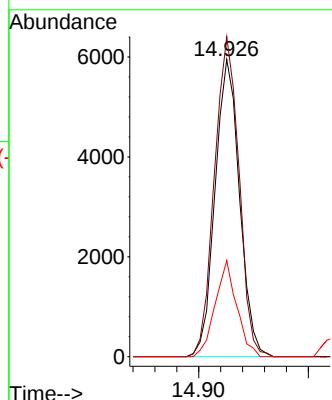
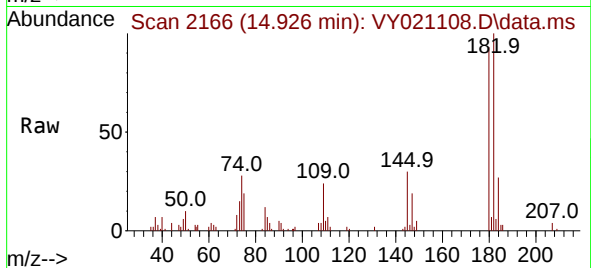
LOQ-SOIL-02-QT1-2025

Tgt Ion:180	Resp:	923
Ion Ratio	Lower	Upper
180	100	
182	107.8	47.9 143.7
145	28.6	15.9 47.7

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Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#94

Hexachlorobutadiene

Concen: 5.205 ug/l

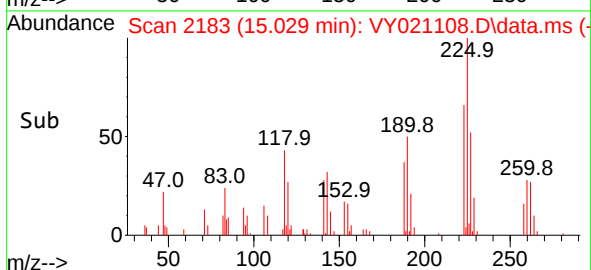
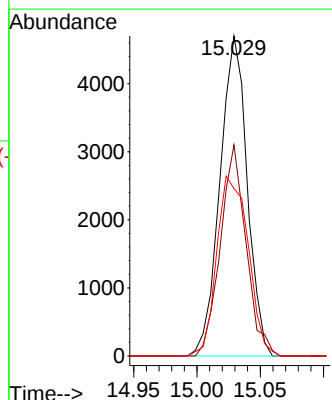
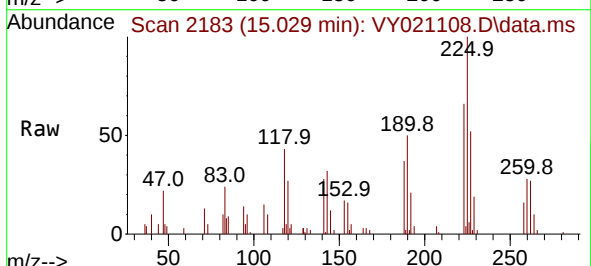
RT: 15.029 min Scan# 2183

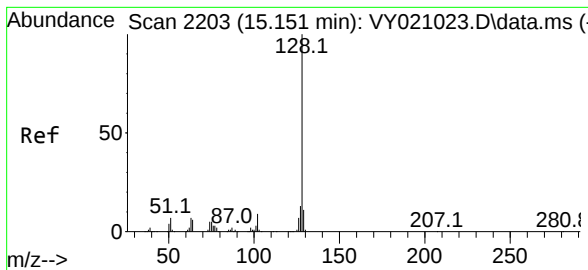
Delta R.T. -0.000 min

Lab File: VY021108.D

Acq: 06 Feb 2025 13:38

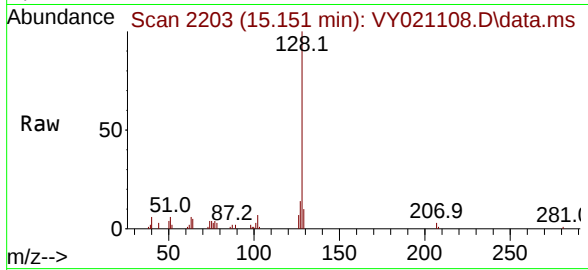
Tgt Ion:225	Resp:	7031
Ion Ratio	Lower	Upper
225	100	
223	62.2	31.4 94.3
227	64.8	32.3 96.8





#95
Naphthalene
Concen: 4.704 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

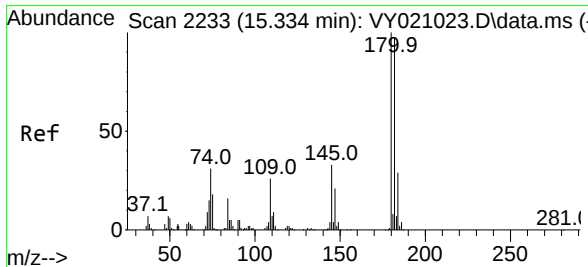
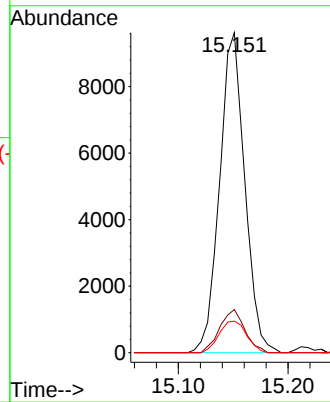
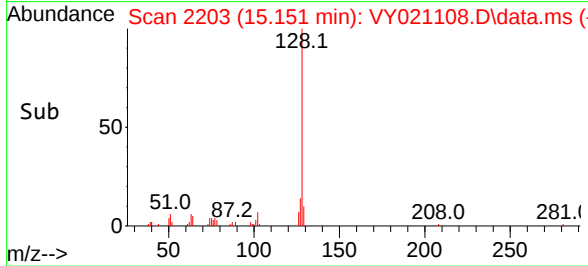
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion:128 Resp: 1534
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.885 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021108.D
Acq: 06 Feb 2025 13:38

Tgt Ion:180 Resp: 8287
Ion Ratio Lower Upper
180 100
182 94.3 46.3 138.8
145 31.8 16.1 48.2

