

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021106.D
 Acq On : 06 Feb 2025 12:08
 Operator : SY/MD
 Sample : Q1168-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Quant Time: Feb 07 02:29:08 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	207032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	329856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	272237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	123568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	103179	48.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.280%		
35) Dibromofluoromethane	7.646	113	100865	47.714	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.420%		
50) Toluene-d8	10.115	98	382194	47.490	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.980%		
62) 4-Bromofluorobenzene	12.414	95	120819	45.953	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	4661	2.526	ug/l	96
3) Chloromethane	2.080	50	5790	3.180	ug/l	97
4) Vinyl Chloride	2.214	62	5460	2.979	ug/l #	86
5) Bromomethane	2.611	94	4625	4.083	ug/l	96
6) Chloroethane	2.751	64	3253	2.982	ug/l	93
7) Trichlorofluoromethane	3.080	101	9017	2.701	ug/l	95
8) Diethyl Ether	3.470	74	2739	2.628	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	5785	2.761	ug/l	98
10) Methyl Iodide	4.025	142	6332	2.720	ug/l	95
11) Tert butyl alcohol	4.854	59	2708m	18.839	ug/l	
12) 1,1-Dichloroethene	3.812	96	5425	2.748	ug/l	91
13) Acrolein	3.665	56	2686	12.135	ug/l	96
14) Allyl chloride	4.397	41	8760	2.633	ug/l	95
15) Acrylonitrile	5.080	53	5028	11.584	ug/l #	91
16) Acetone	3.885	43	4821	14.574	ug/l	93
17) Carbon Disulfide	4.123	76	17031	2.751	ug/l	96
18) Methyl Acetate	4.397	43	2812	2.422	ug/l	93
19) Methyl tert-butyl Ether	5.129	73	12053	2.416	ug/l #	87
20) Methylene Chloride	4.635	84	6258	3.043	ug/l	92
21) trans-1,2-Dichloroethene	5.135	96	6111	2.812	ug/l	94
22) Diisopropyl ether	6.037	45	16620	2.424	ug/l	93
23) Vinyl Acetate	5.976	43	41134	10.760	ug/l	96
24) 1,1-Dichloroethane	5.933	63	10272	2.557	ug/l	99
25) 2-Butanone	6.921	43	6232	11.465	ug/l	97
26) 2,2-Dichloropropane	6.897	77	10407	2.799	ug/l	93
27) cis-1,2-Dichloroethene	6.909	96	6466	2.585	ug/l	92
28) Bromochloromethane	7.262	49	4449	2.800	ug/l #	97
29) Tetrahydrofuran	7.281	42	4108	11.168	ug/l	94
30) Chloroform	7.433	83	10914	2.645	ug/l	94
31) Cyclohexane	7.720	56	12576	3.476	ug/l #	67
32) 1,1,1-Trichloroethane	7.634	97	10313	2.688	ug/l	98
36) 1,1-Dichloropropene	7.854	75	7628	2.436	ug/l	97
37) Ethyl Acetate	7.006	43	2989m	2.176	ug/l	
38) Carbon Tetrachloride	7.829	117	9450	2.583	ug/l	89
39) Methylcyclohexane	9.116	83	9760	2.548	ug/l	91
40) Benzene	8.098	78	23511	2.559	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	1510	1.900	ug/l #	92
42) 1,2-Dichloroethane	8.171	62	6167	2.419	ug/l	96
43) Isopropyl Acetate	8.207	43	5955	2.182	ug/l #	76
44) Trichloroethene	8.878	130	6119	2.578	ug/l	98
45) 1,2-Dichloropropane	9.146	63	5388	2.470	ug/l	97
46) Dibromomethane	9.250	93	2939	2.434	ug/l	97
47) Bromodichloromethane	9.433	83	7756	2.395	ug/l	97
48) Methyl methacrylate	9.232	41	2617	2.105	ug/l	88
49) 1,4-Dioxane	9.244	88	471	41.899	ug/l #	60
51) 4-Methyl-2-Pentanone	10.012	43	14083	10.261	ug/l	98
52) Toluene	10.183	92	14584	2.528	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	6526	2.244	ug/l	98
54) cis-1,3-Dichloropropene	9.866	75	7869	2.285	ug/l #	91
55) 1,1,2-Trichloroethane	10.585	97	3726	2.383	ug/l	94
56) Ethyl methacrylate	10.451	69	3976	1.901	ug/l #	81
57) 1,3-Dichloropropane	10.731	76	6548	2.419	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.725	63	9241	9.286	ug/l	98
59) 2-Hexanone	10.774	43	8252	9.338	ug/l	97
60) Dibromochloromethane	10.920	129	5039	2.295	ug/l	99
61) 1,2-Dibromoethane	11.024	107	3585	2.448	ug/l	99
64) Tetrachloroethene	10.658	164	5601	2.771	ug/l	89
65) Chlorobenzene	11.451	112	15619	2.577	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	5395	2.504	ug/l	96
67) Ethyl Benzene	11.530	91	26200	2.444	ug/l	95
68) m/p-Xylenes	11.640	106	19592	4.885	ug/l	98
69) o-Xylene	11.963	106	8528	2.280	ug/l	91
70) Styrene	11.981	104	14142	2.269	ug/l	98
71) Bromoform	12.146	173	2872	2.395	ug/l #	91
73) Isopropylbenzene	12.268	105	22913	2.374	ug/l	95
74) N-amyl acetate	12.085	43	4188	1.985	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	4181	2.604	ug/l	90
76) 1,2,3-Trichloropropane	12.566	75	2637m	2.353	ug/l	
77) Bromobenzene	12.542	156	6005	2.696	ug/l	90
78) n-propylbenzene	12.609	91	28983	2.521	ug/l	97
79) 2-Chlorotoluene	12.688	91	17425	2.646	ug/l	97
80) 1,3,5-Trimethylbenzene	12.749	105	19306	2.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	1133m	2.062	ug/l	
82) 4-Chlorotoluene	12.792	91	17036	2.539	ug/l	99
83) tert-Butylbenzene	13.011	119	17814	2.504	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	18262	2.387	ug/l	98
85) sec-Butylbenzene	13.188	105	24433	2.386	ug/l	99
86) p-Isopropyltoluene	13.304	119	20050	2.357	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	11403	2.651	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	11643	2.749	ug/l	89
89) n-Butylbenzene	13.627	91	18104	2.333	ug/l	99
90) Hexachloroethane	13.889	117	4546	2.562	ug/l	89
91) 1,2-Dichlorobenzene	13.670	146	9591	2.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	610	2.543	ug/l	88
93) 1,2,4-Trichlorobenzene	14.932	180	4993	2.403	ug/l	96
94) Hexachlorobutadiene	15.041	225	3757	2.728	ug/l	95
95) Naphthalene	15.157	128	9219	2.773	ug/l	98
96) 1,2,3-Trichlorobenzene	15.346	180	4122	2.384	ug/l	91

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LOD-MDL-SOIL-01-QT1-2025

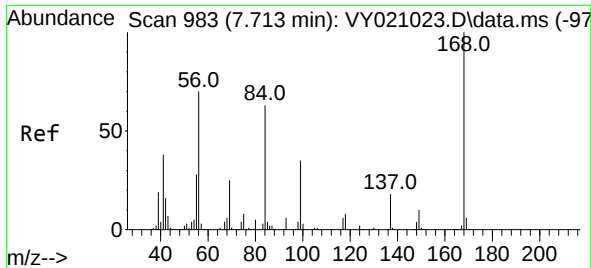
Manual Integrations
APPROVED

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

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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



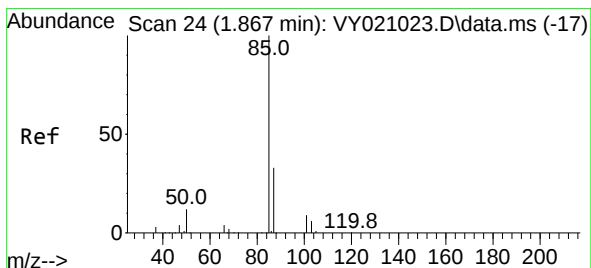
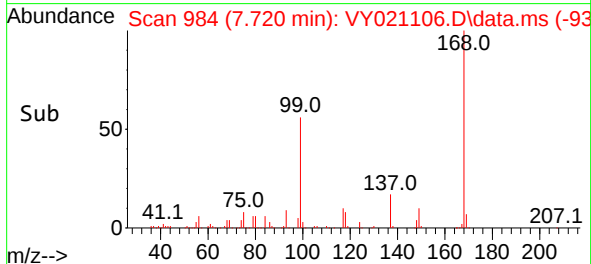
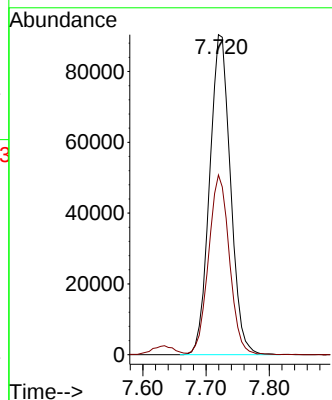
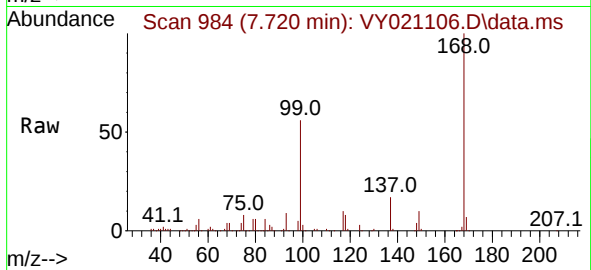
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021106.D
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Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:168 Resp: 20703
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4

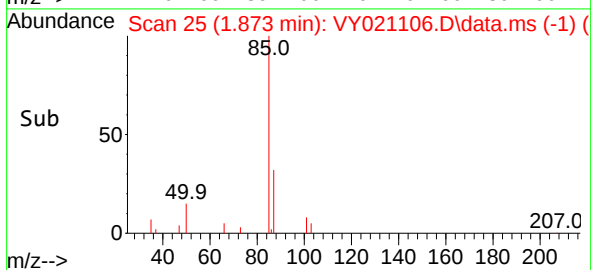
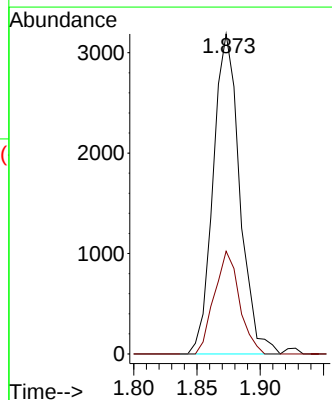
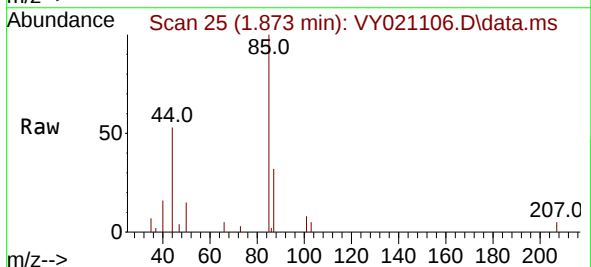
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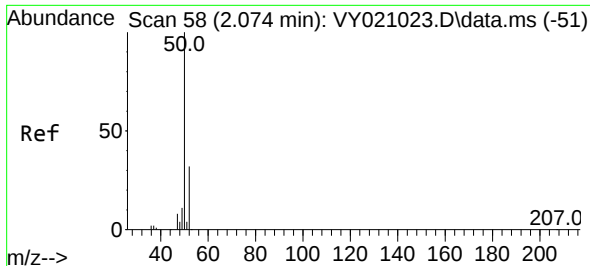
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#2
Dichlorodifluoromethane
Concen: 2.526 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

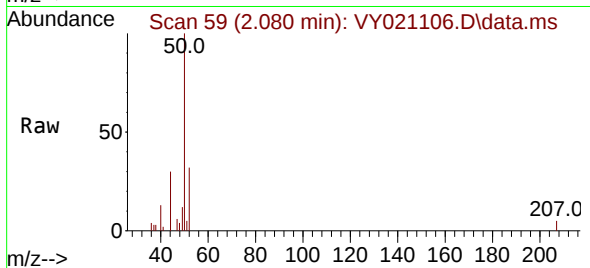
Tgt Ion: 85 Resp: 4661
Ion Ratio Lower Upper
85 100
87 32.1 17.1 51.3





#3
Chloromethane
Concen: 3.180 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

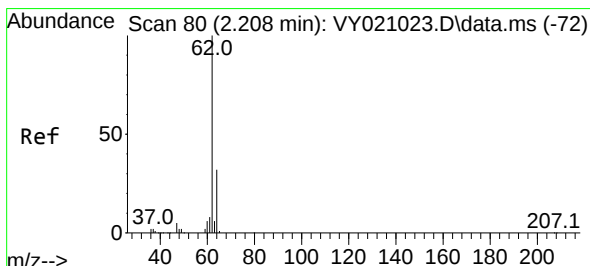
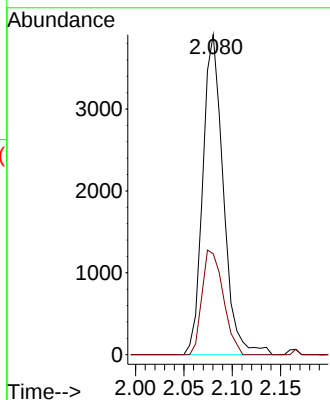
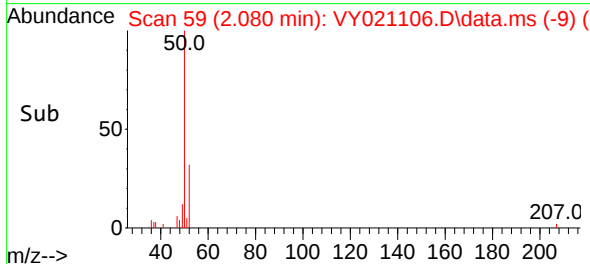
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5790
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1

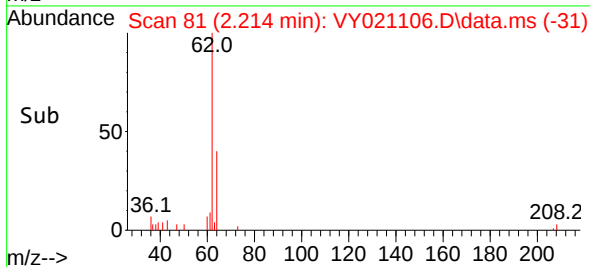
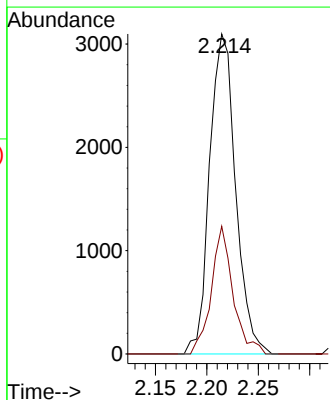
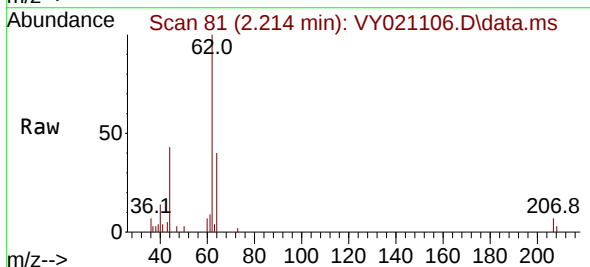
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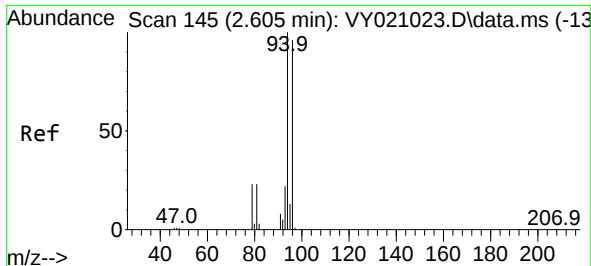
Reviewed By :Mahesh Dadoda 02/07/2025
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#4
Vinyl Chloride
Concen: 2.979 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

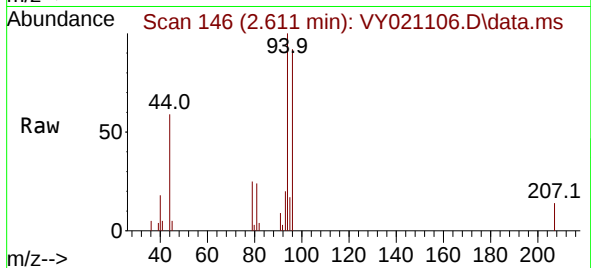
Tgt Ion: 62 Resp: 5460
Ion Ratio Lower Upper
62 100
64 39.9 25.7 38.5





#5
Bromomethane
Concen: 4.083 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

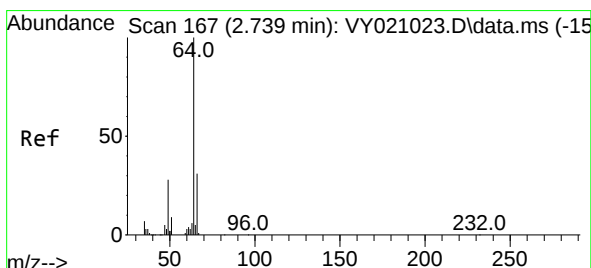
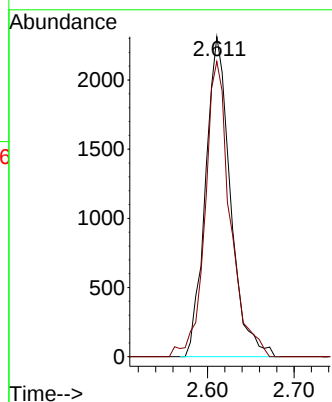
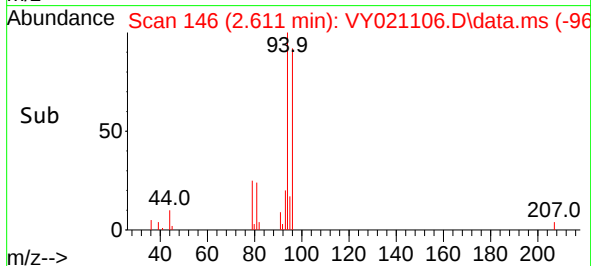
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Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 92.3 77.3 115.9

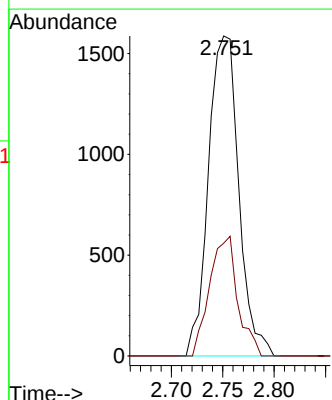
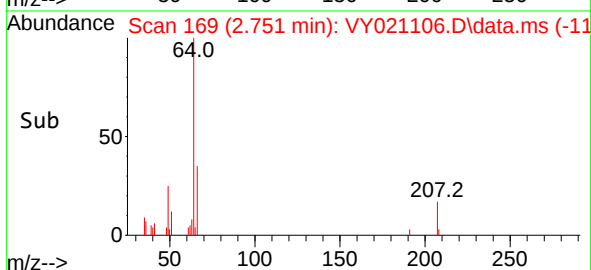
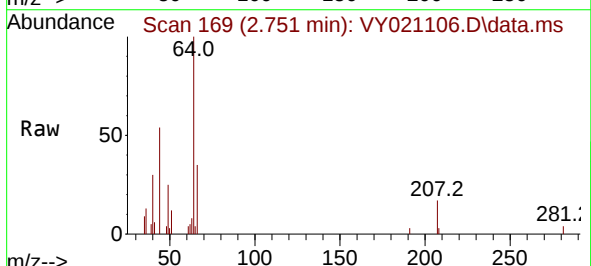
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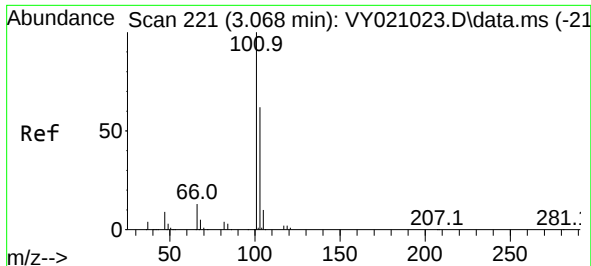
Reviewed By :Mahesh Dadoda 02/07/2025
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#6
Chloroethane
Concen: 2.982 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion: 64 Resp: 3253
Ion Ratio Lower Upper
64 100
66 35.2 25.1 37.7





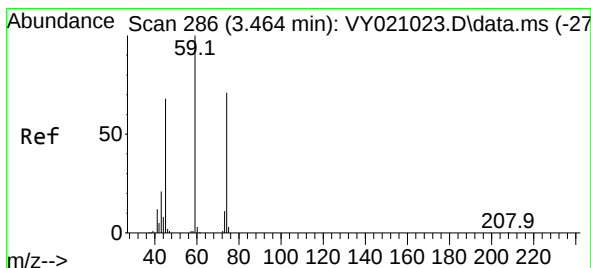
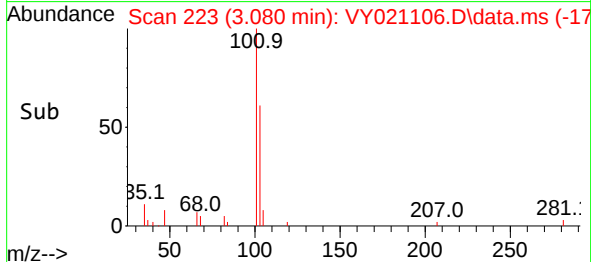
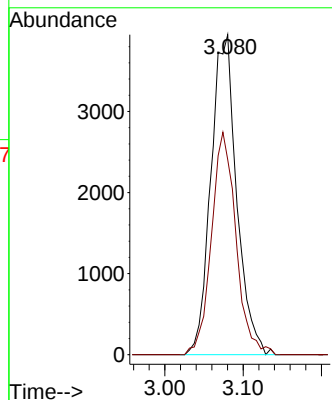
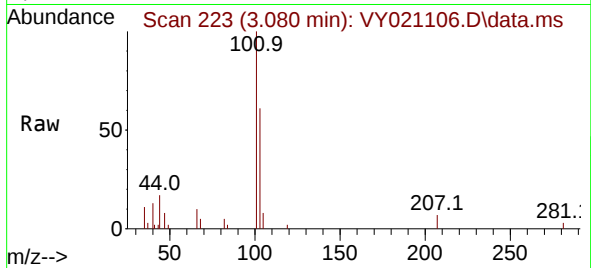
#7
Trichlorofluoromethane
Concen: 2.701 ug/l
RT: 3.080 min Scan# 211
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument :
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LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:101 Resp: 901
Ion Ratio Lower Upper
101 100
103 60.9 51.9 77.9

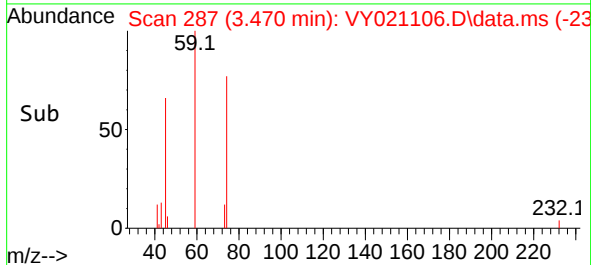
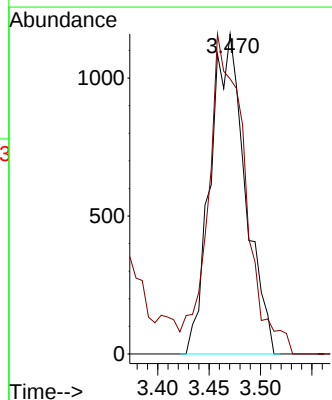
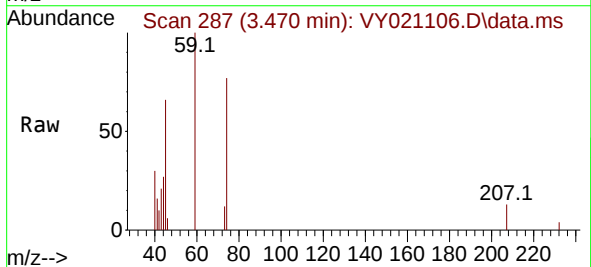
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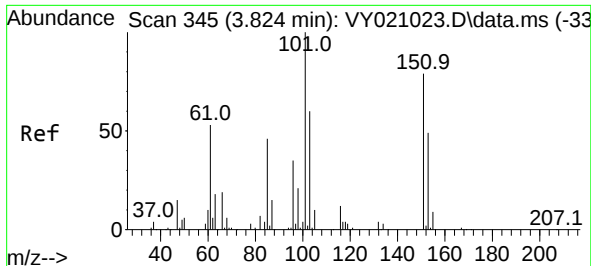
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#8
Diethyl Ether
Concen: 2.628 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 2739
Ion Ratio Lower Upper
74 100
45 104.3 47.9 143.7





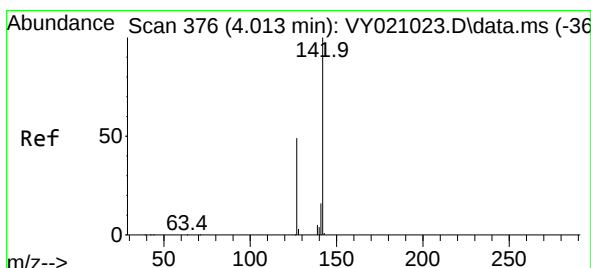
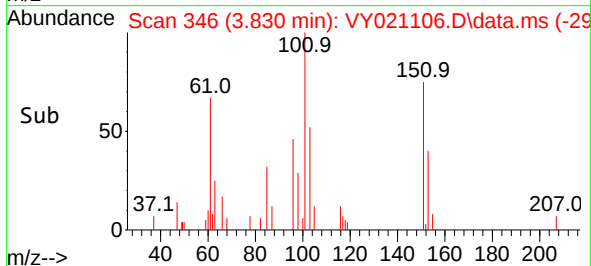
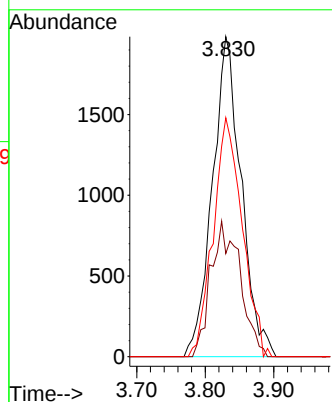
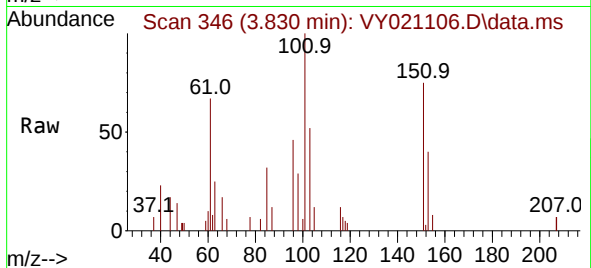
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.761 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:101 Resp: 578
Ion Ratio Lower Upper
101 100
85 43.3 35.8 53.6
151 75.3 58.6 88.0

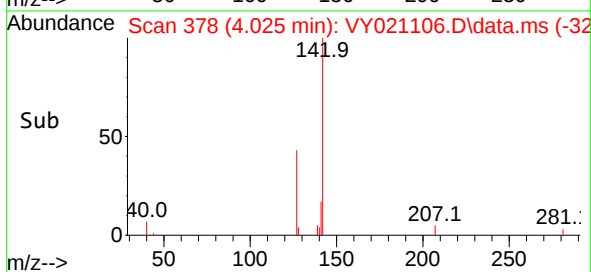
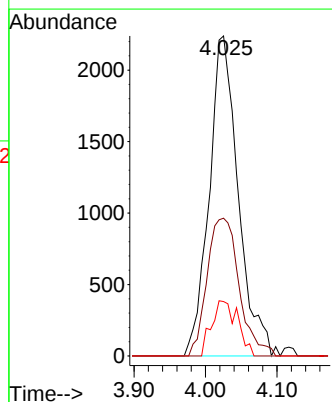
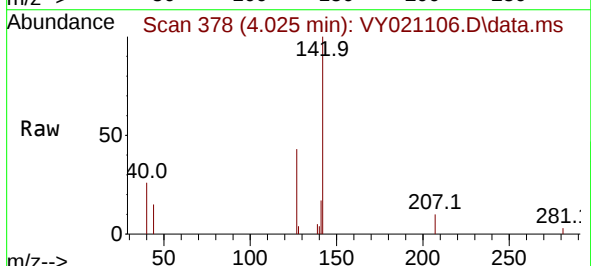
Manual Integrations
APPROVED

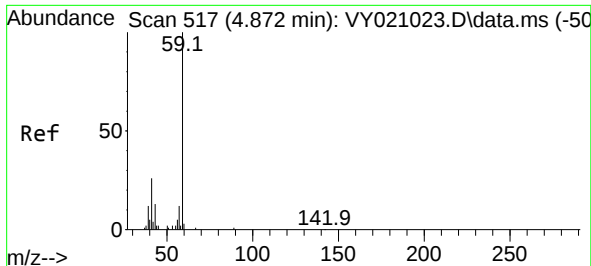
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#10
Methyl Iodide
Concen: 2.720 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

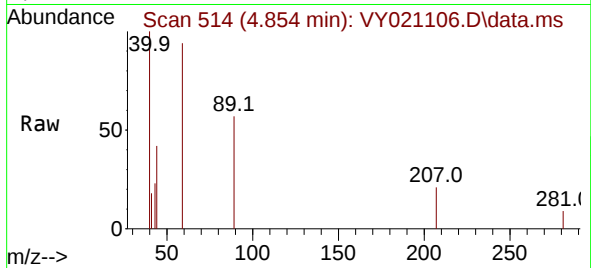
Tgt Ion:142 Resp: 6332
Ion Ratio Lower Upper
142 100
127 47.4 35.1 52.7
141 15.4 11.8 17.6





#11
Tert butyl alcohol
Concen: 18.839 ug/l m
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

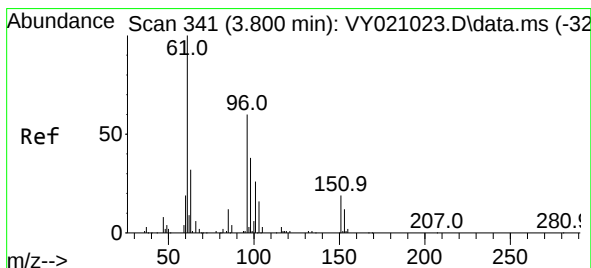
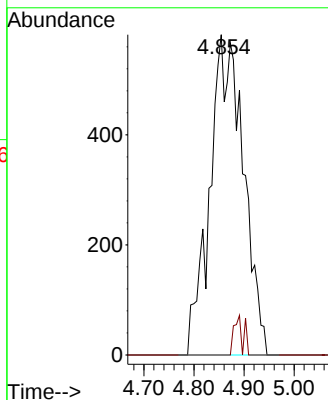
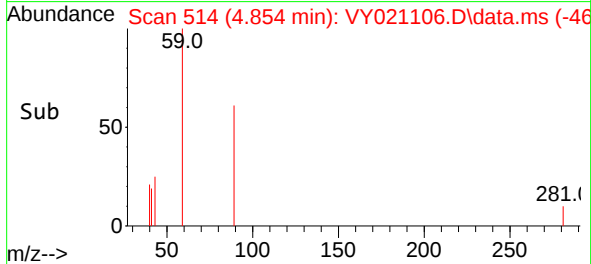
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



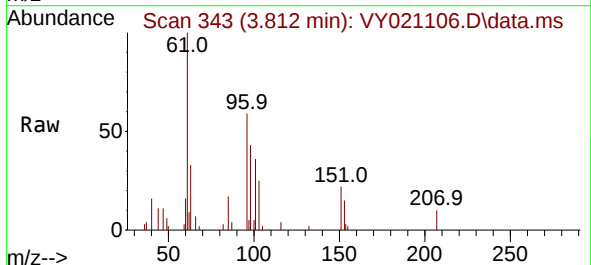
Tgt Ion: 59 Resp: 2708
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0

Manual Integrations
APPROVED

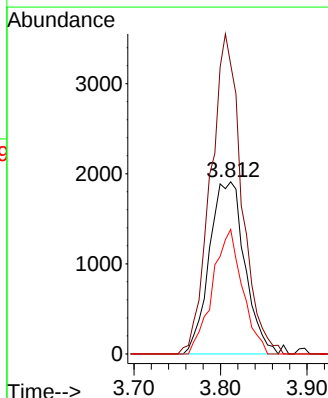
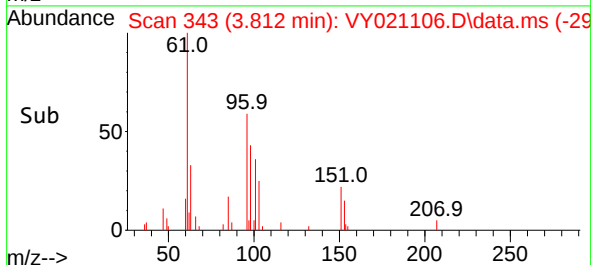
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

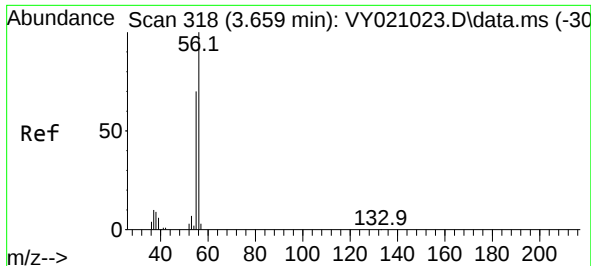


#12
1,1-Dichloroethene
Concen: 2.748 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



Tgt Ion: 96 Resp: 5425
Ion Ratio Lower Upper
96 100
61 168.1 124.2 186.2
98 72.3 52.6 79.0





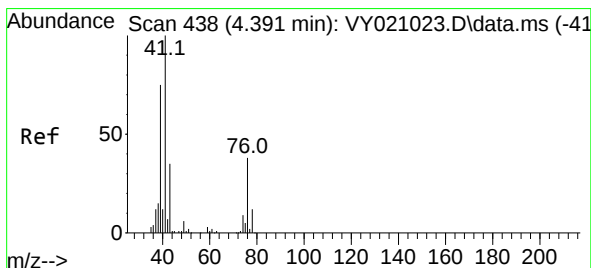
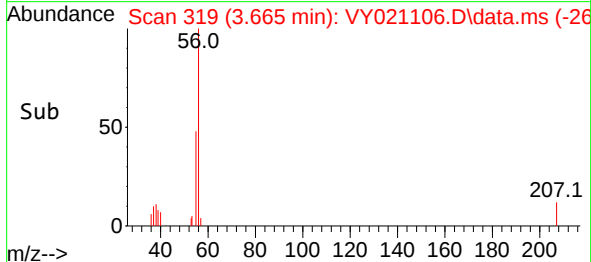
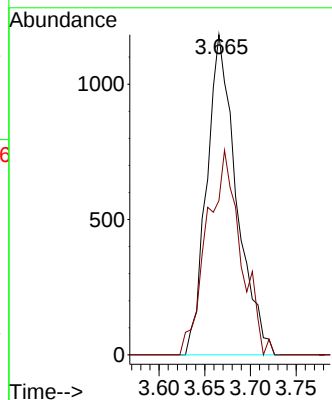
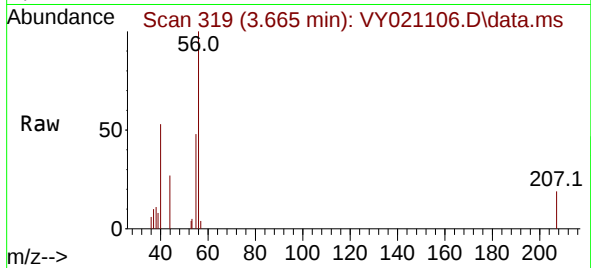
#13
Acrolein
Concen: 12.135 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 56 Resp: 2680
Ion Ratio Lower Upper
56 100
55 72.5 55.4 83.0

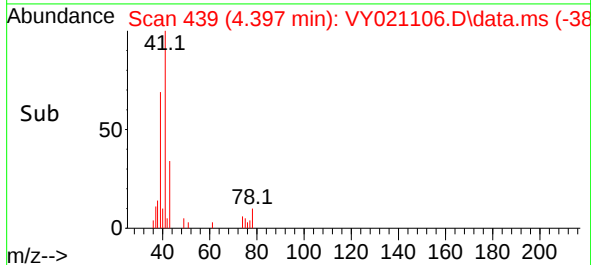
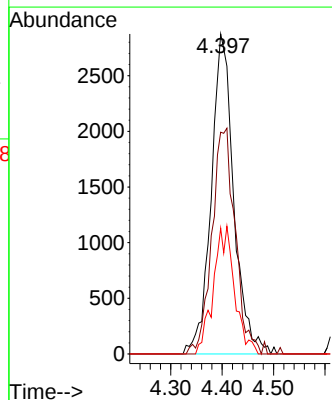
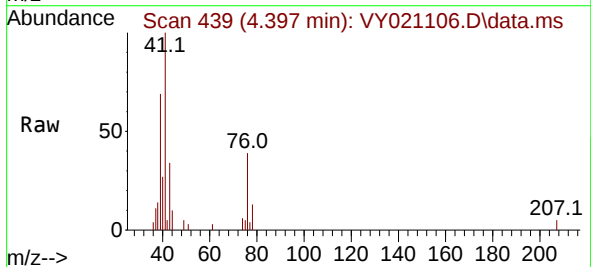
Manual Integrations
APPROVED

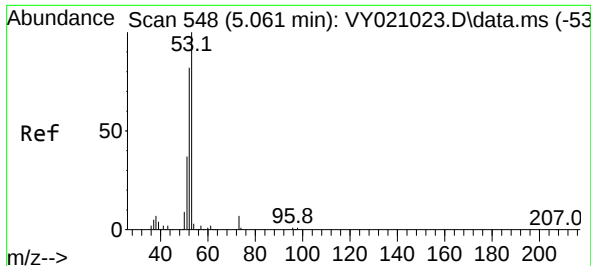
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#14
Allyl chloride
Concen: 2.633 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

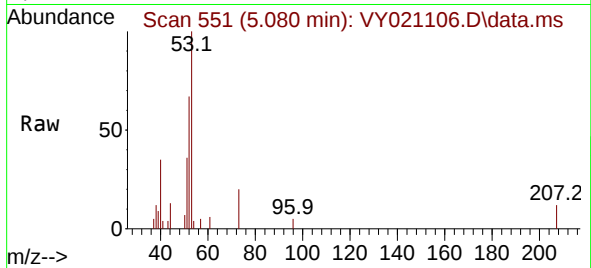
Tgt Ion: 41 Resp: 8760
Ion Ratio Lower Upper
41 100
39 72.6 54.7 82.1
76 37.7 31.8 47.6





#15
Acrylonitrile
Concen: 11.584 ug/l
RT: 5.080 min Scan# 502
Delta R.T. 0.018 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

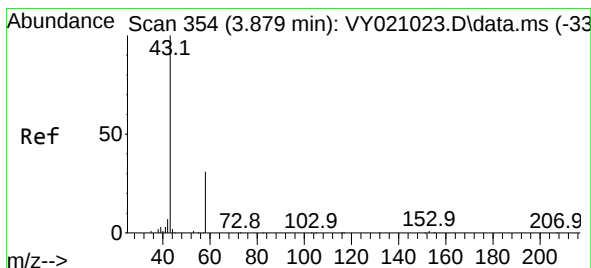
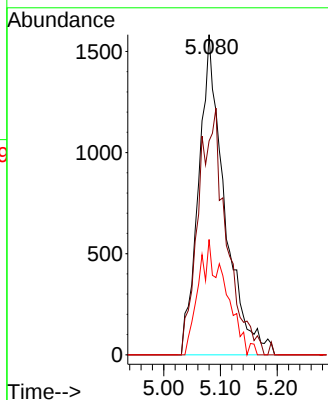
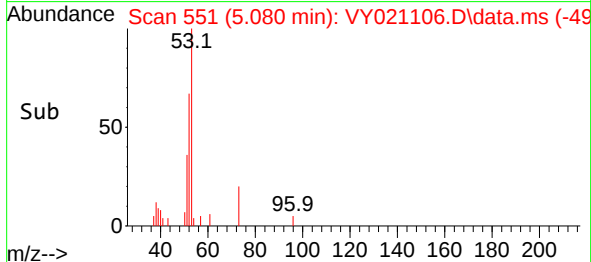
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



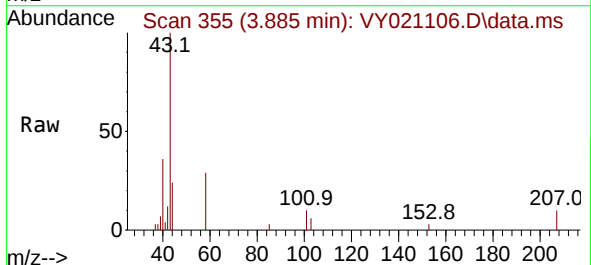
Tgt Ion: 53 Resp: 502
Ion Ratio Lower Upper
53 100
52 83.8 65.1 97.7
51 22.2 29.0 43.4

Manual Integrations
APPROVED

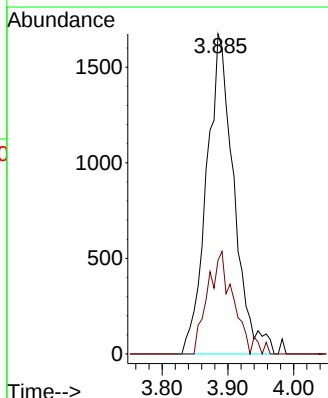
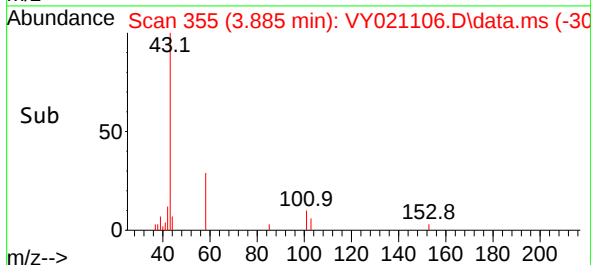
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#16
Acetone
Concen: 14.574 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



Tgt Ion: 43 Resp: 4821
Ion Ratio Lower Upper
43 100
58 29.3 26.6 39.8





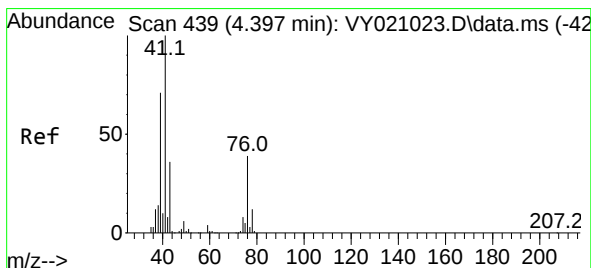
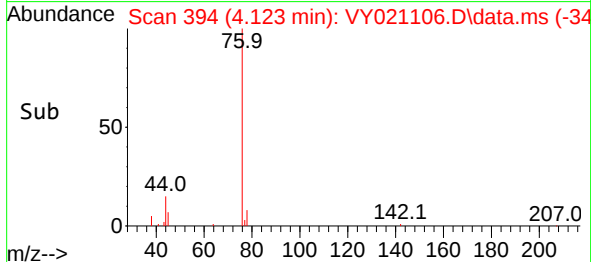
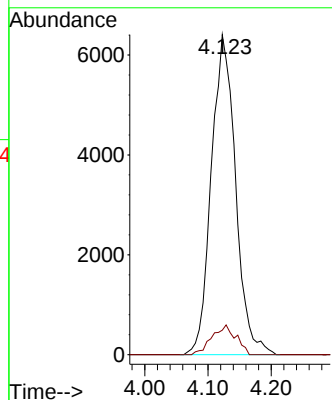
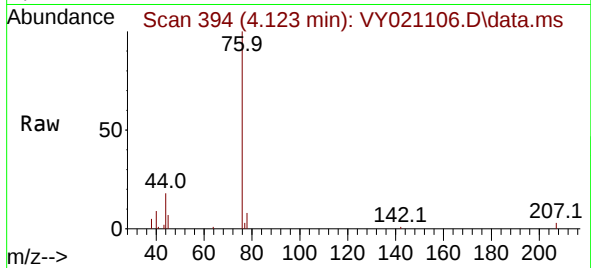
#17
Carbon Disulfide
Concen: 2.751 ug/l
RT: 4.123 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 76 Resp: 1703
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

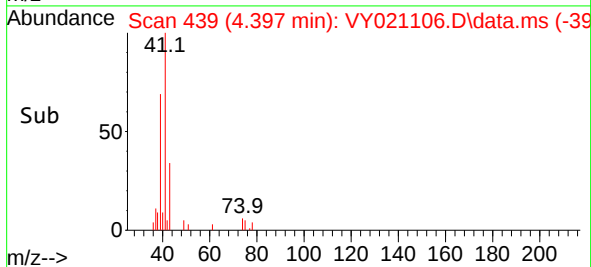
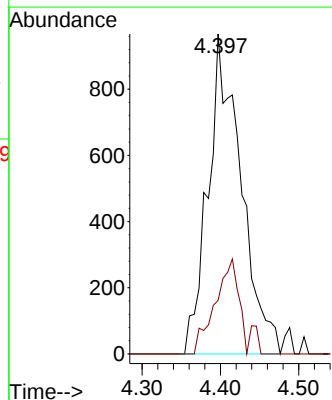
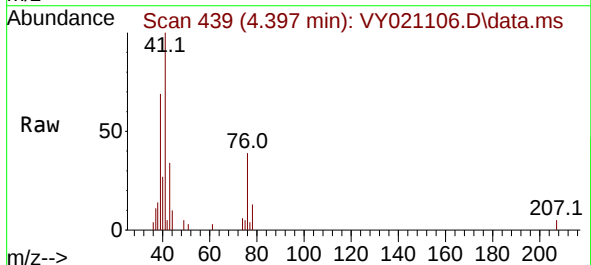
Manual Integrations
APPROVED

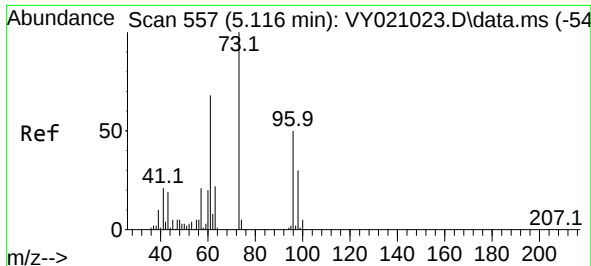
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#18
Methyl Acetate
Concen: 2.422 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

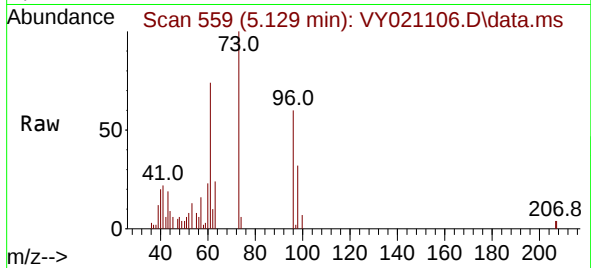
Tgt Ion: 43 Resp: 2812
Ion Ratio Lower Upper
43 100
74 21.3 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 2.416 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

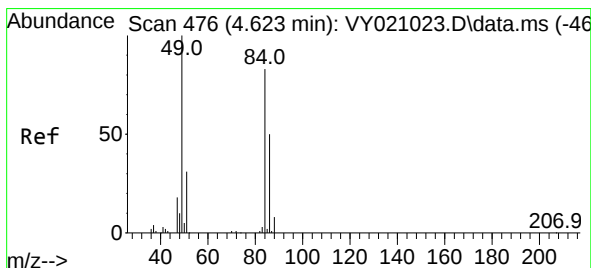
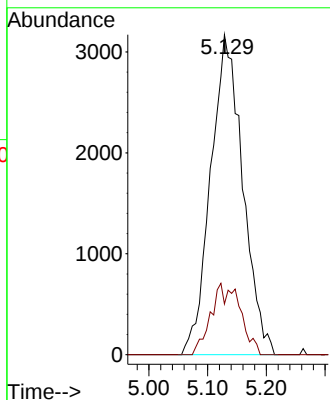
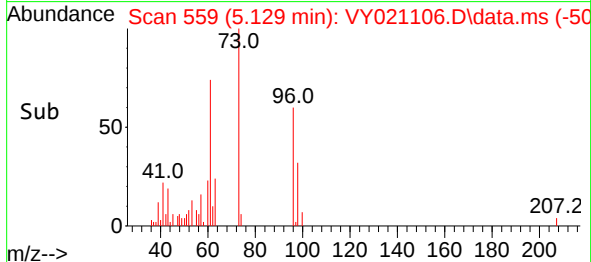
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



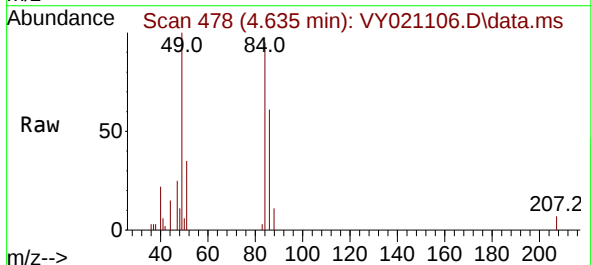
Tgt Ion: 73 Resp: 1205
Ion Ratio Lower Upper
73 100
57 15.8 17.7 26.5

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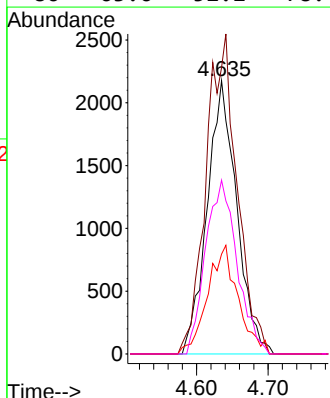
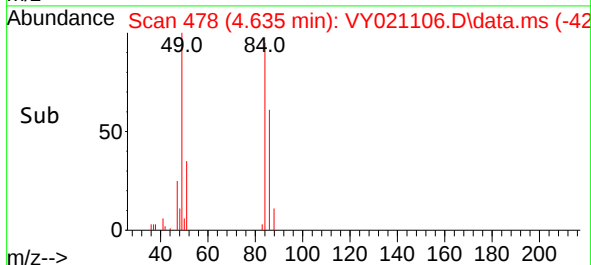
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

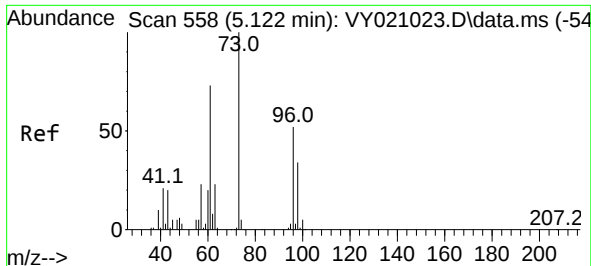


#20
Methylene Chloride
Concen: 3.043 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



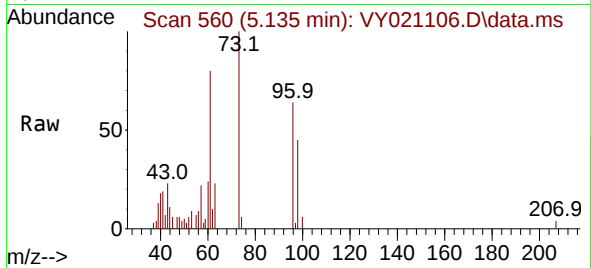
Tgt Ion: 84 Resp: 6258
Ion Ratio Lower Upper
84 100
49 104.8 95.2 142.8
51 36.5 29.9 44.9
86 63.6 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 2.812 ug/l
RT: 5.135 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

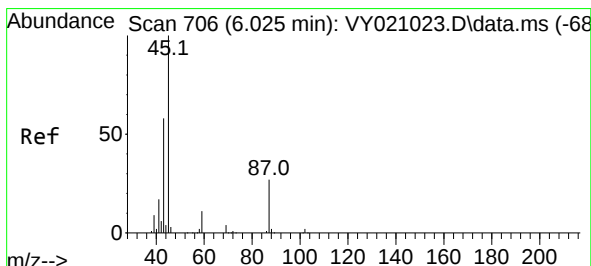
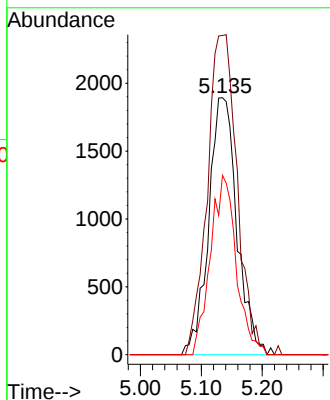
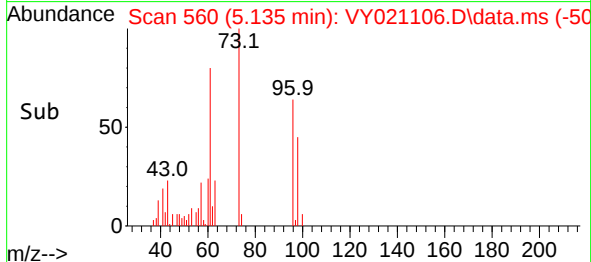
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



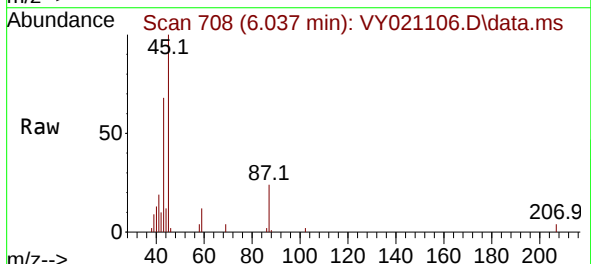
Tgt Ion: 96 Resp: 611
Ion Ratio Lower Upper
96 100
61 124.2 104.6 156.8
98 69.7 50.9 76.3

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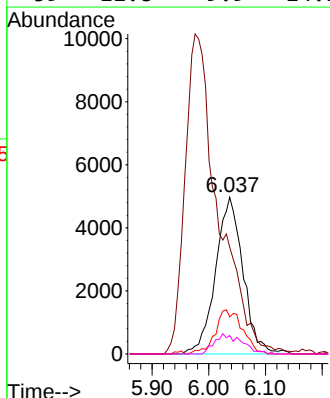
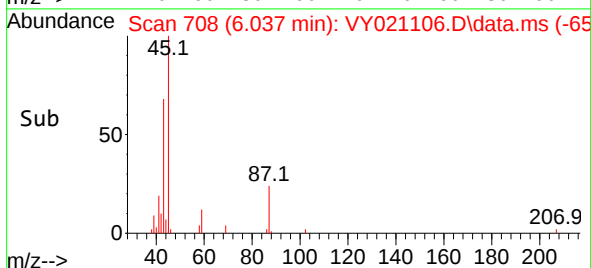
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

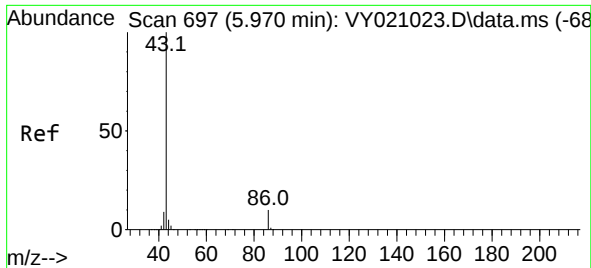


#22
Diisopropyl ether
Concen: 2.424 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



Tgt Ion: 45 Resp: 16620
Ion Ratio Lower Upper
45 100
43 64.6 46.8 70.2
87 23.7 22.2 33.2
59 11.8 9.9 14.9





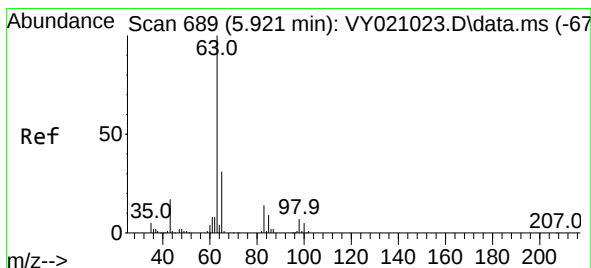
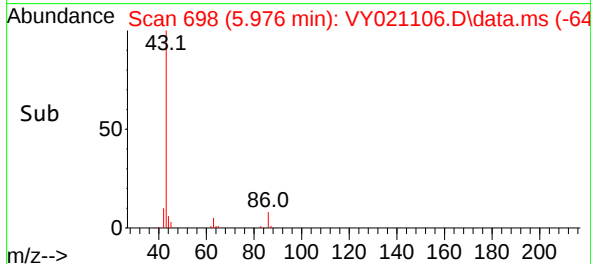
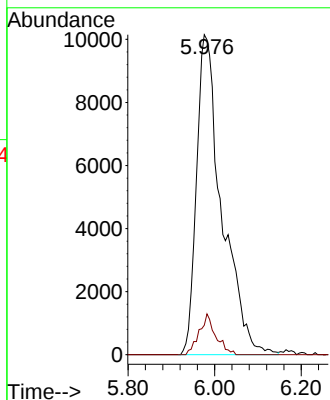
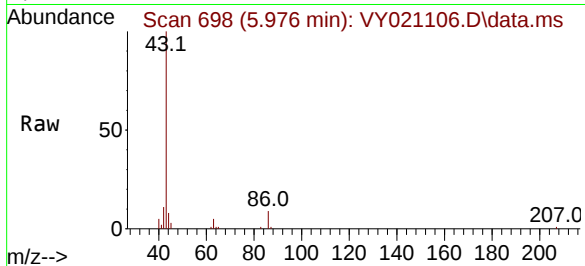
#23
 Vinyl Acetate
 Concen: 10.760 ug/l
 RT: 5.976 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY021106.D
 Acq: 06 Feb 2025 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 43 Resp: 41134
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.6 13.0

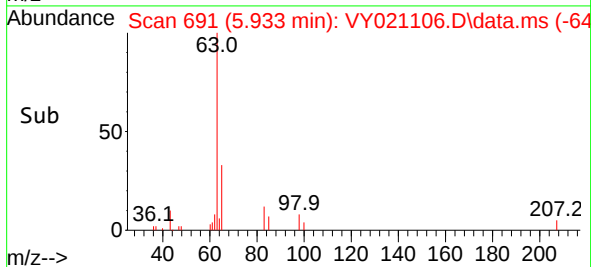
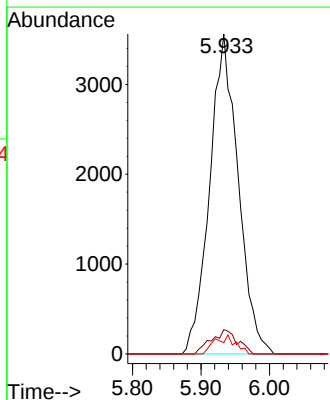
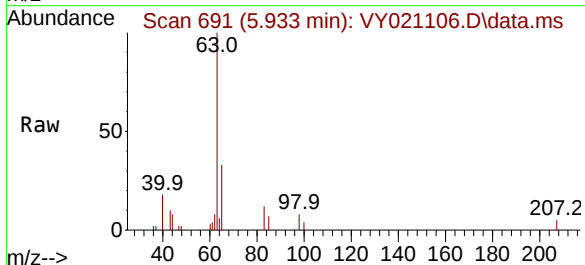
Manual Integrations
 APPROVED

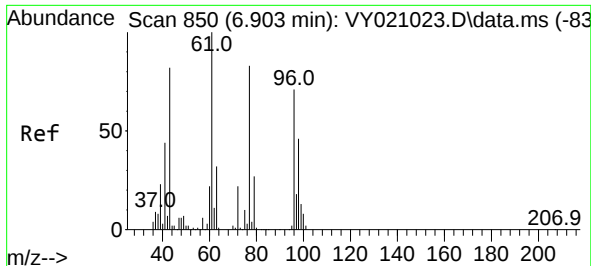
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#24
 1,1-Dichloroethane
 Concen: 2.557 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021106.D
 Acq: 06 Feb 2025 12:08

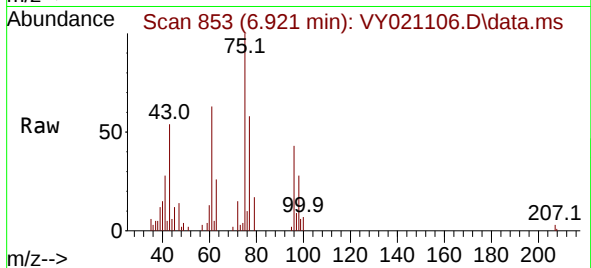
Tgt Ion: 63 Resp: 10272
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 3.6 2.1 6.2





#25
2-Butanone
Concen: 11.465 ug/l
RT: 6.921 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

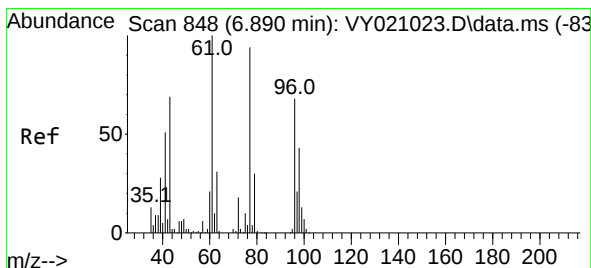
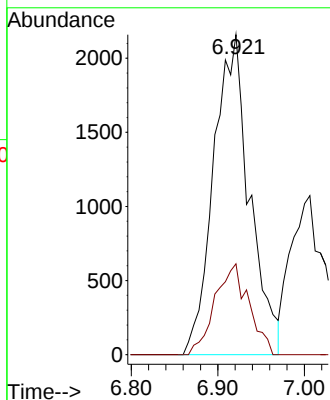
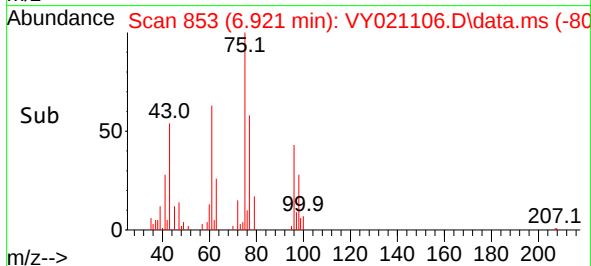
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.2

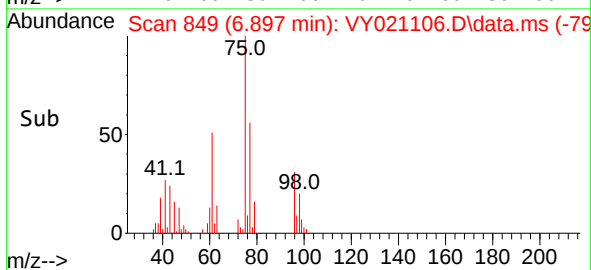
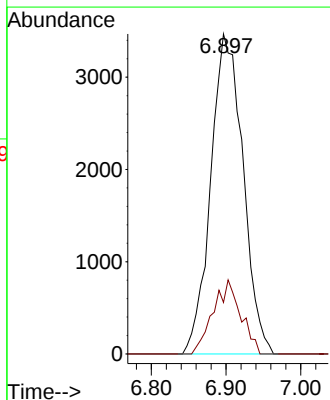
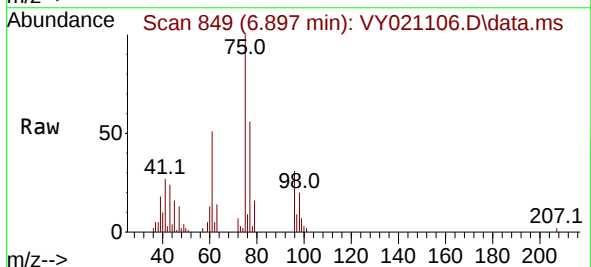
Manual Integrations
APPROVED

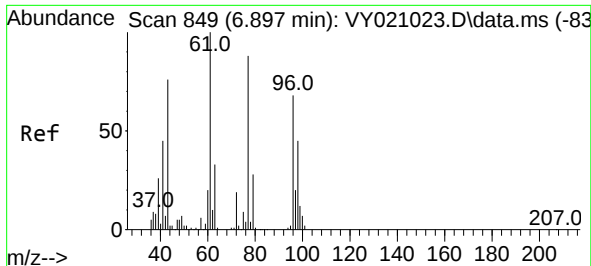
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#26
2,2-Dichloropropane
Concen: 2.799 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

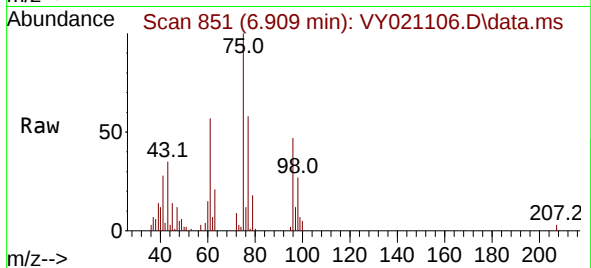
Tgt Ion: 77 Resp: 10407
Ion Ratio Lower Upper
77 100
97 19.8 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 2.585 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY021106.D
 Acq: 06 Feb 2025 12:08

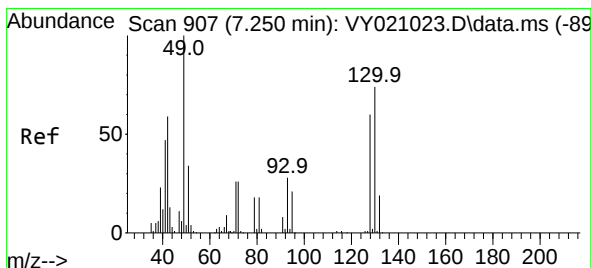
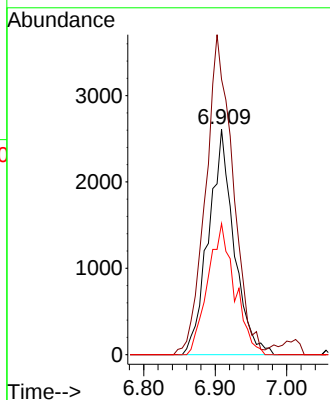
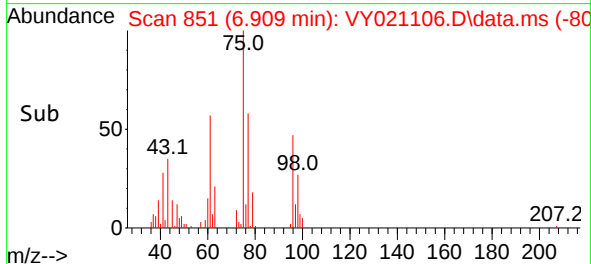
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 96 Resp: 6460
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 278.8
 98 61.5 0.0 127.0

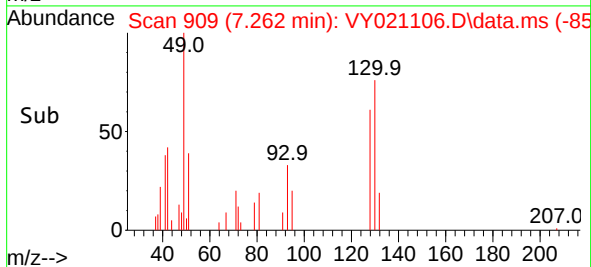
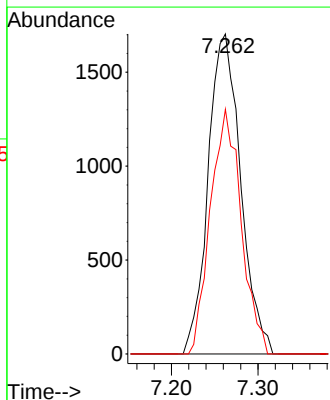
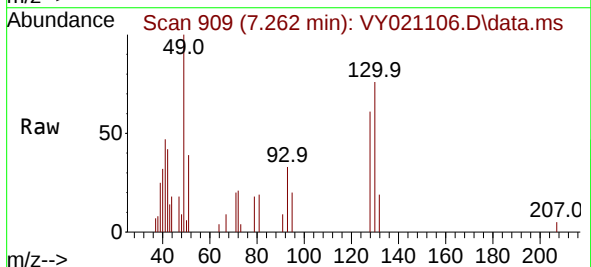
Manual Integrations
 APPROVED

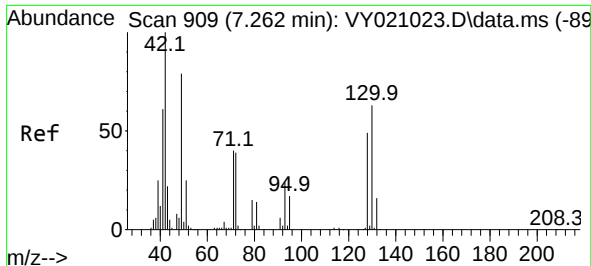
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#28
 Bromochloromethane
 Concen: 2.800 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY021106.D
 Acq: 06 Feb 2025 12:08

Tgt Ion: 49 Resp: 4449
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 72.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 11.168 ug/l

RT: 7.281 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

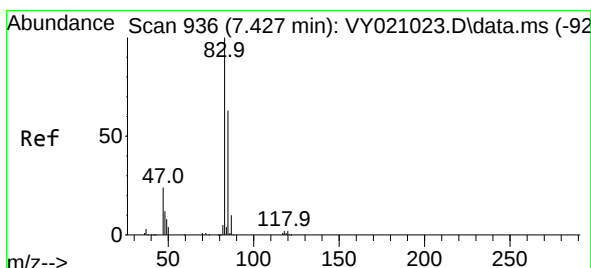
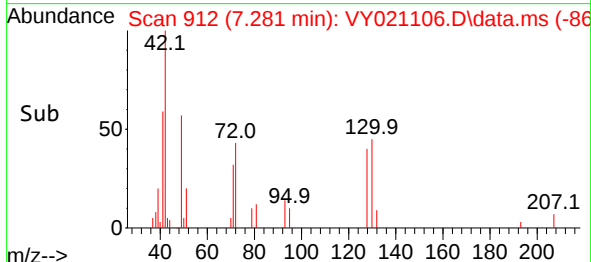
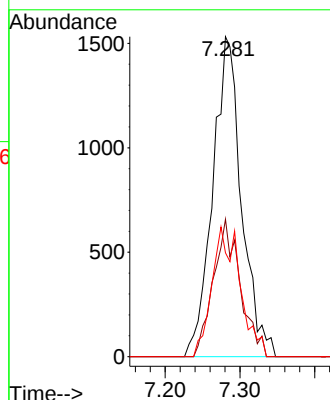
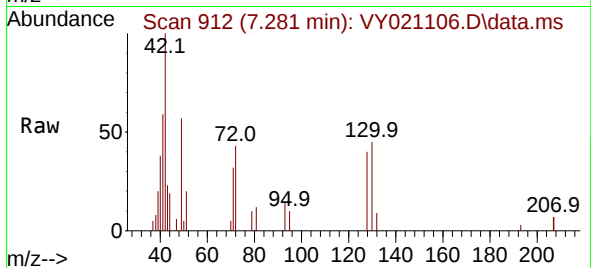
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 42	Resp: 4108
Ion Ratio	Lower Upper
42	100
72	40.1 36.6 54.8
71	39.6 33.8 50.6

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 2.645 ug/l

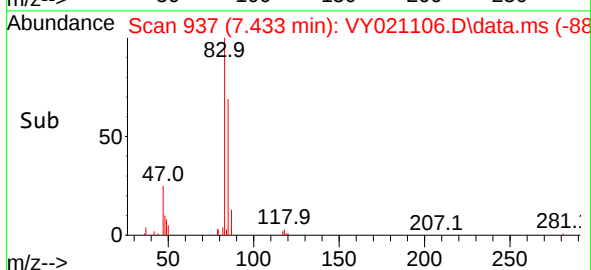
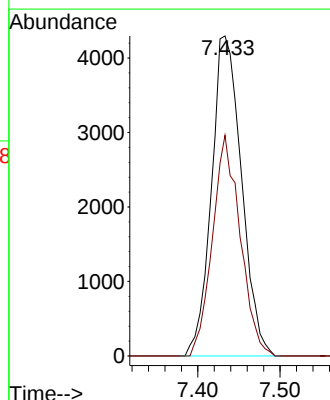
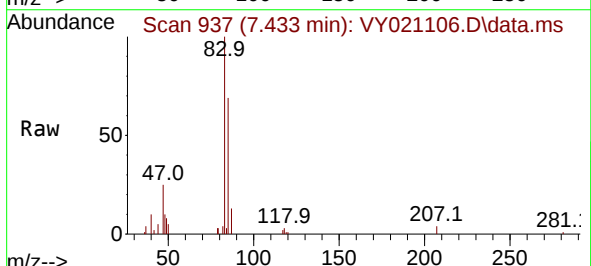
RT: 7.433 min Scan# 937

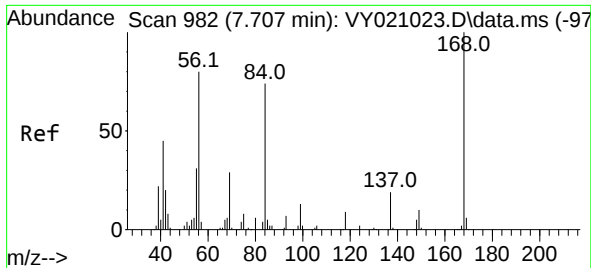
Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

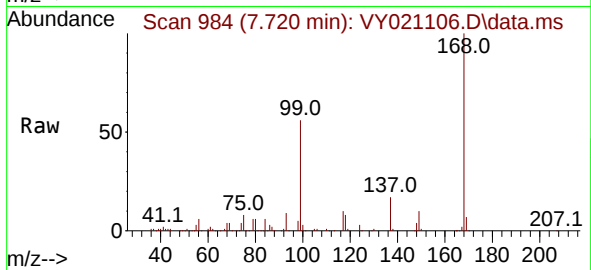
Tgt Ion: 83	Resp: 10914
Ion Ratio	Lower Upper
83	100
85	69.0 51.2 76.8





#31
Cyclohexane
Concen: 3.476 ug/l
RT: 7.720 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

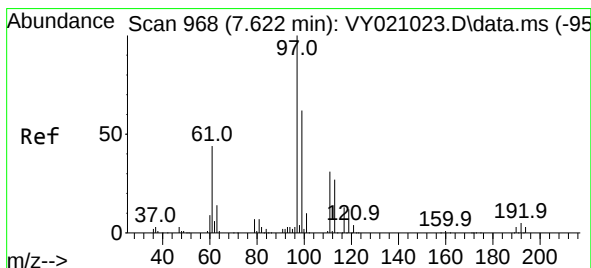
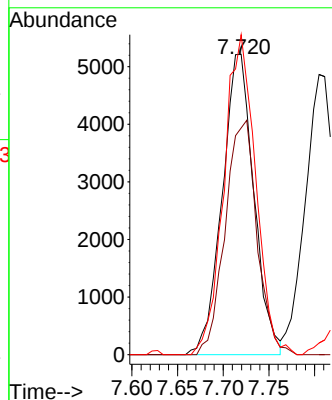
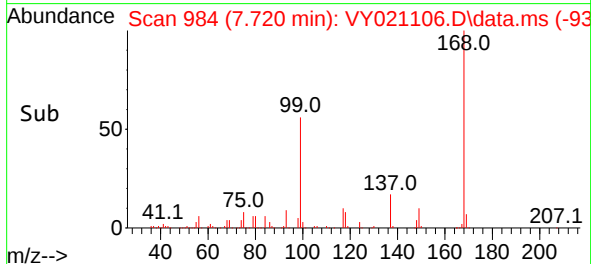
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



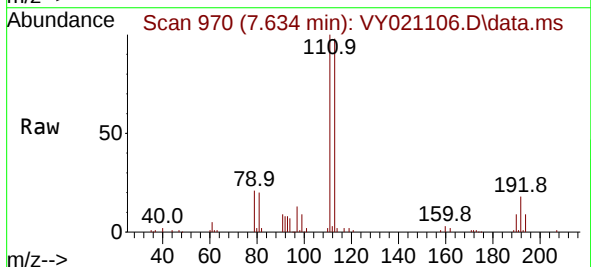
Tgt Ion: 56 Resp: 12570
Ion Ratio Lower Upper
56 100
69 75.5 27.0 40.6
84 106.6 71.8 107.6

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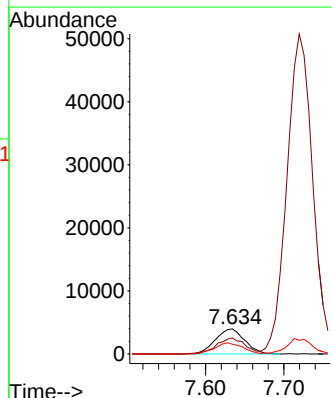
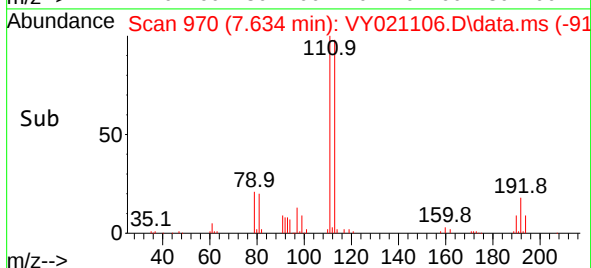
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

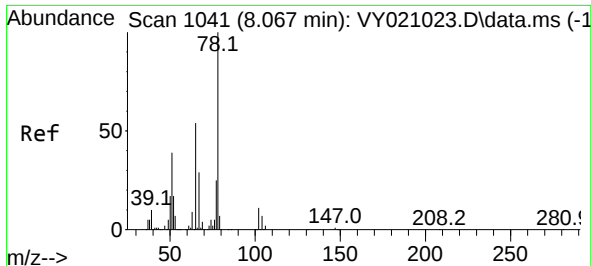


#32
1,1,1-Trichloroethane
Concen: 2.688 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



Tgt Ion: 97 Resp: 10313
Ion Ratio Lower Upper
97 100
99 62.6 51.2 76.8
61 42.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 48.642 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 65 Resp: 103179

Ion Ratio Lower Upper

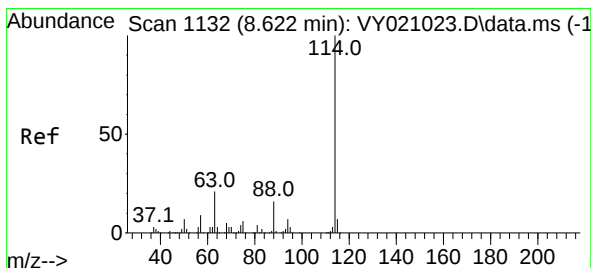
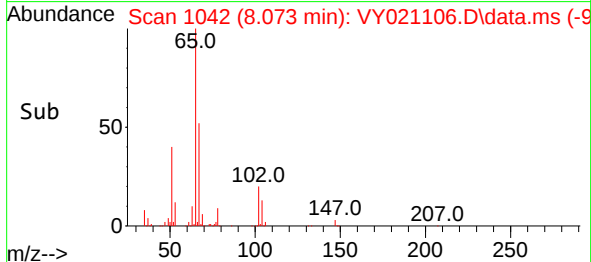
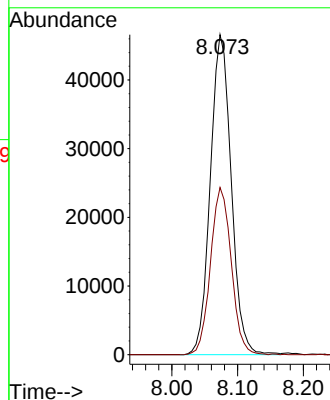
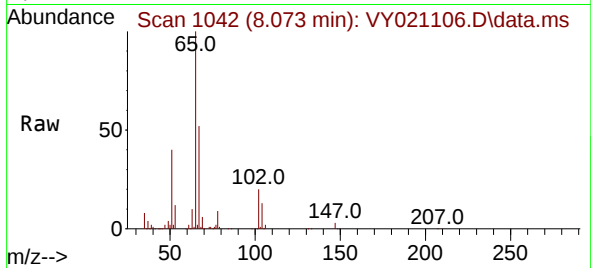
65 100

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: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

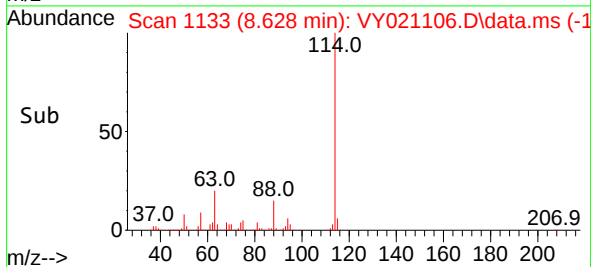
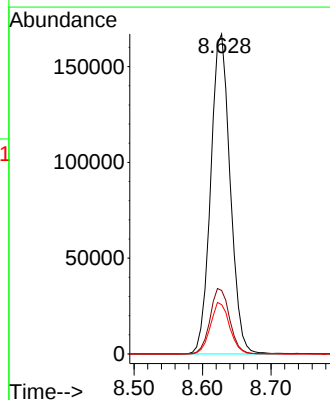
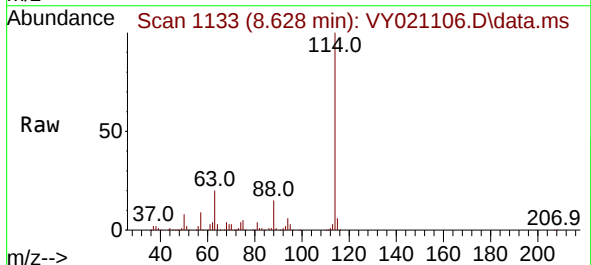
Tgt Ion:114 Resp: 329856

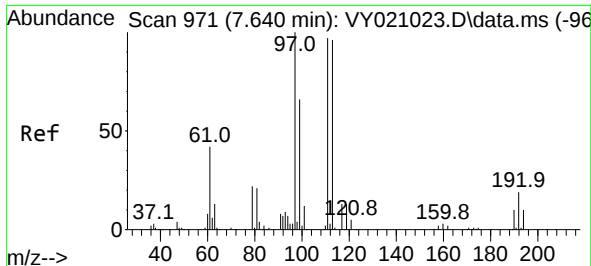
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

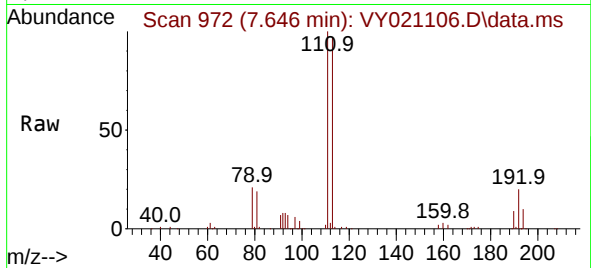
88 15.4 0.0 29.0





#35
Dibromofluoromethane
Concen: 47.714 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

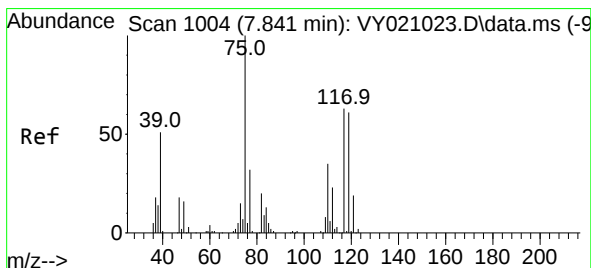
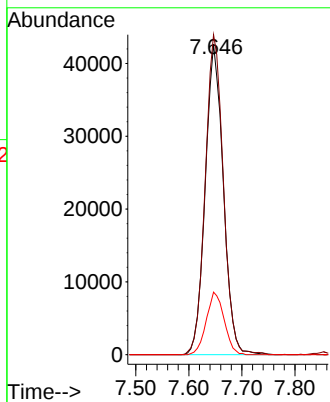
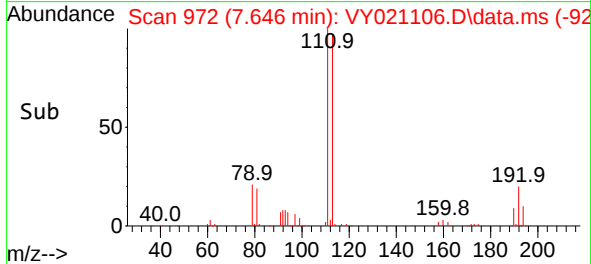
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:113 Resp: 10086
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 19.9 14.5 21.7

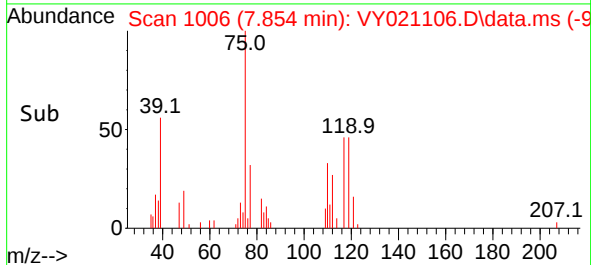
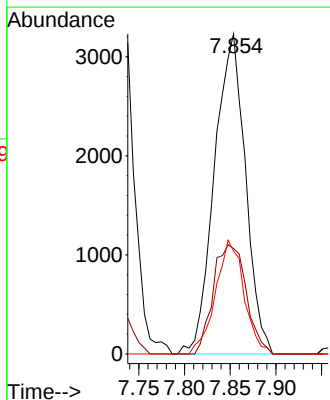
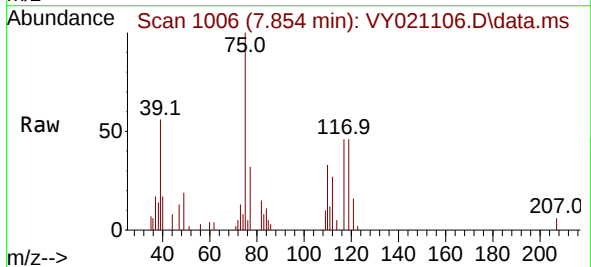
Manual Integrations
APPROVED

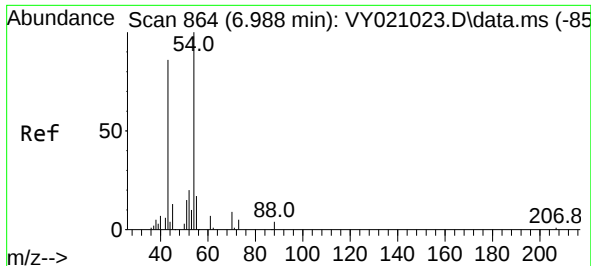
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#36
1,1-Dichloropropene
Concen: 2.436 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

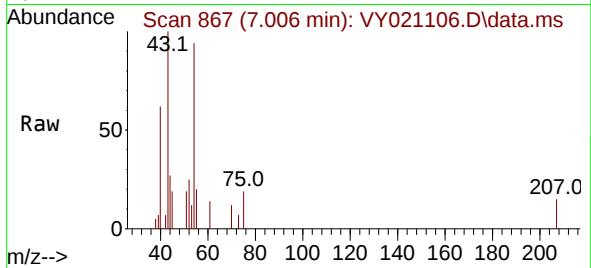
Tgt Ion: 75 Resp: 7628
Ion Ratio Lower Upper
75 100
110 36.2 17.4 52.3
77 32.7 24.7 37.1





#37
Ethyl Acetate
Concen: 2.176 ug/l m
RT: 7.006 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

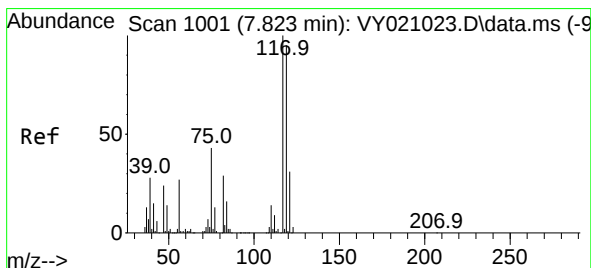
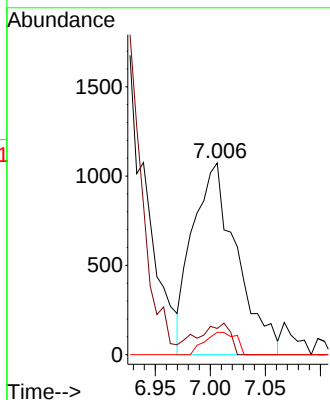
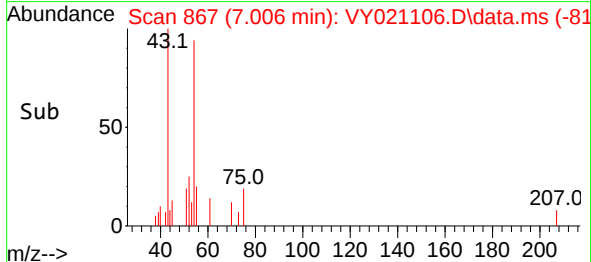
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 2989
Ion Ratio Lower Upper
43 100
61 12.3 11.0 16.6
70 8.3 8.1 12.1

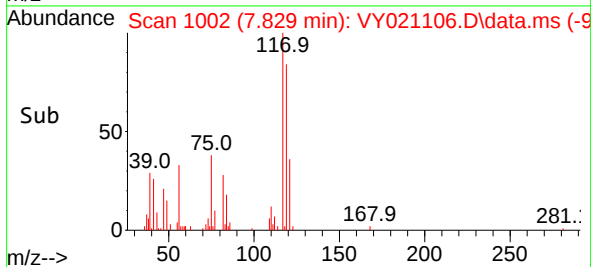
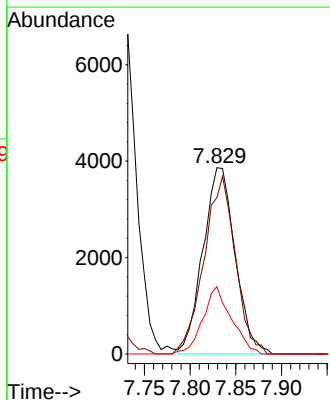
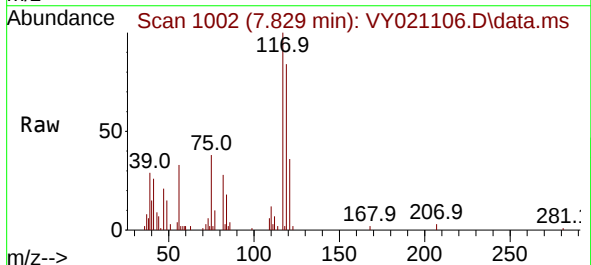
Manual Integrations
APPROVED

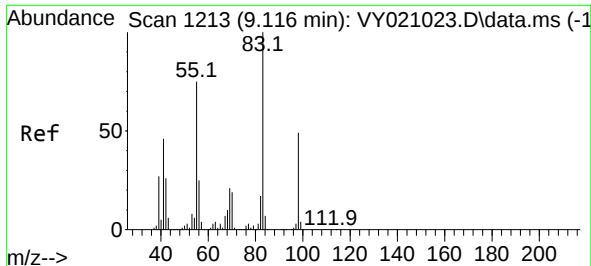
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#38
Carbon Tetrachloride
Concen: 2.583 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion:117 Resp: 9450
Ion Ratio Lower Upper
117 100
119 84.0 76.0 114.0
121 36.2 24.2 36.2





#39

Methylcyclohexane

Concen: 2.548 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021106.D

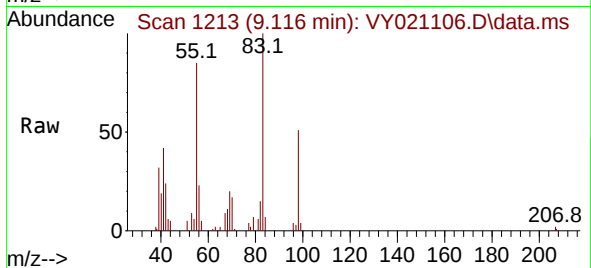
Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

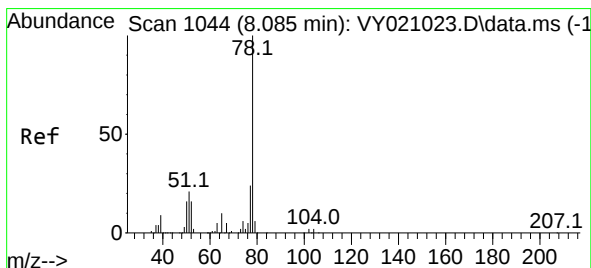
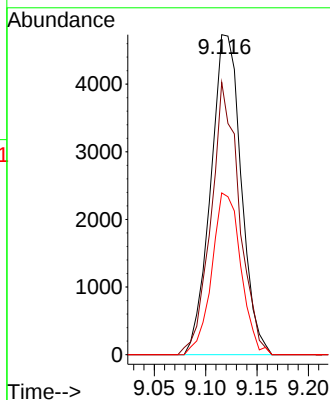
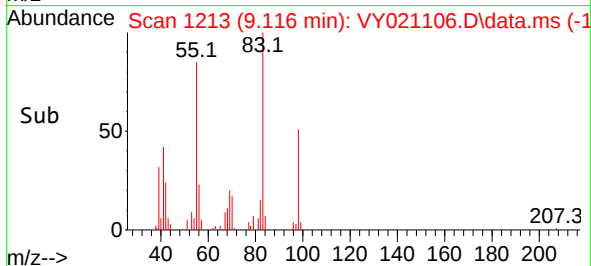
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 83	Resp: 9760
Ion Ratio	Lower Upper
83	100
55	85.1 59.7 89.5
98	50.6 38.0 57.0

Manual Integrations
APPROVED

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



#40

Benzene

Concen: 2.559 ug/l

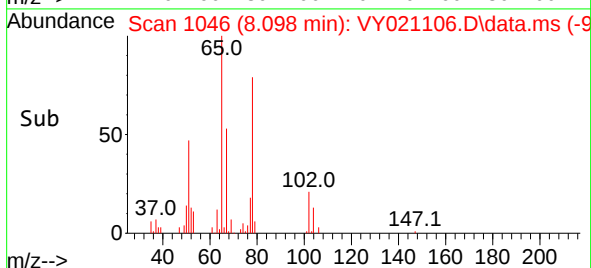
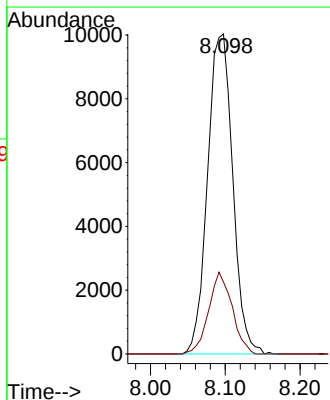
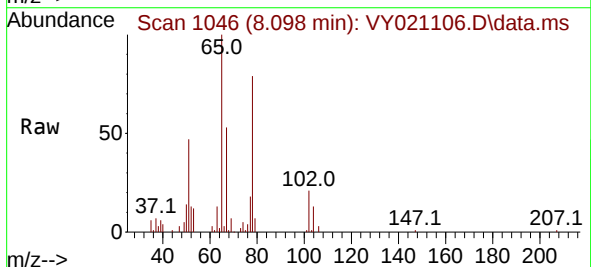
RT: 8.098 min Scan# 1046

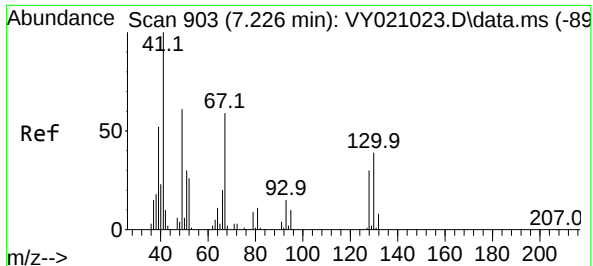
Delta R.T. 0.012 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

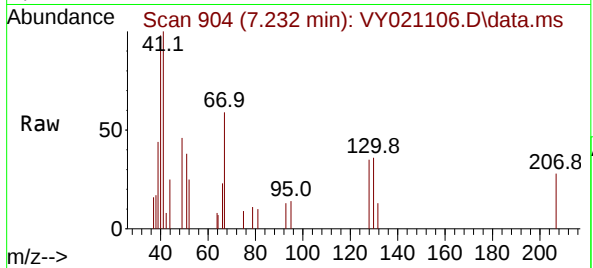
Tgt Ion: 78	Resp: 23511
Ion Ratio	Lower Upper
78	100
77	22.5 18.8 28.2





#41
Methacrylonitrile
Concen: 1.900 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

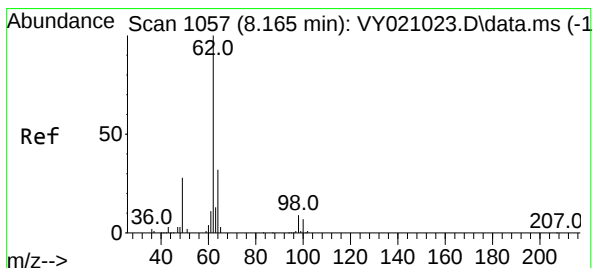
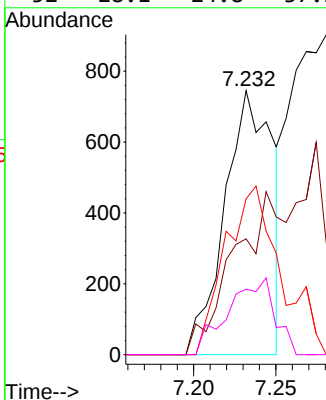
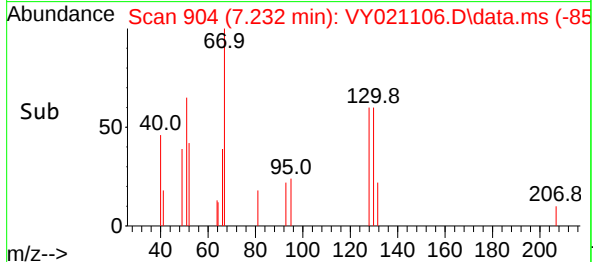
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 41 Resp: 1510
Ion Ratio Lower Upper
41 100
39 65.3 41.9 62.9
67 73.9 59.8 89.6
52 28.1 24.8 37.2

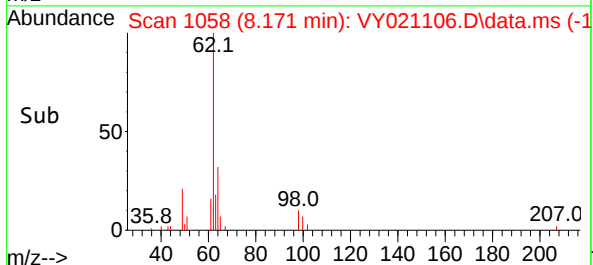
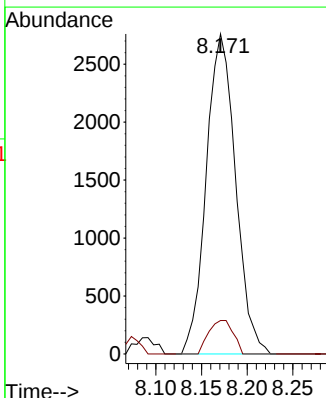
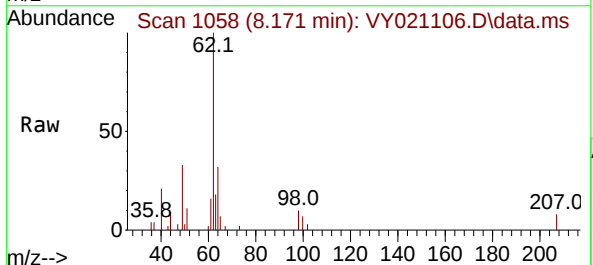
Manual Integrations
APPROVED

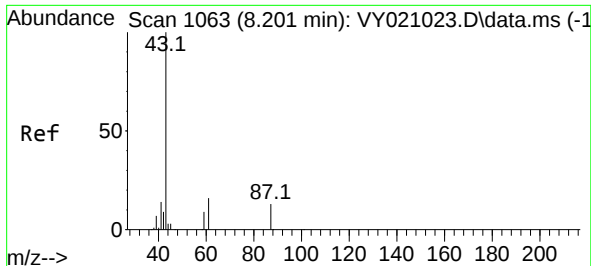
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#42
1,2-Dichloroethane
Concen: 2.419 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

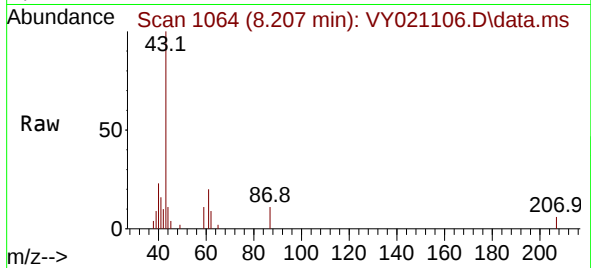
Tgt Ion: 62 Resp: 6167
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 2.182 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

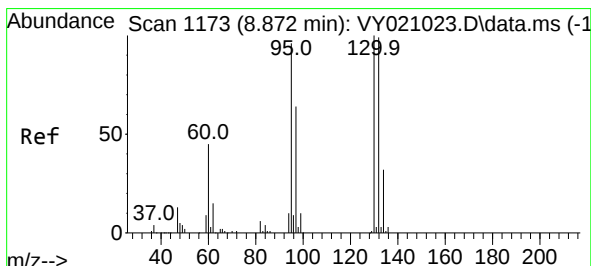
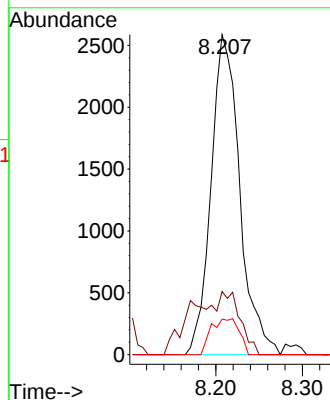
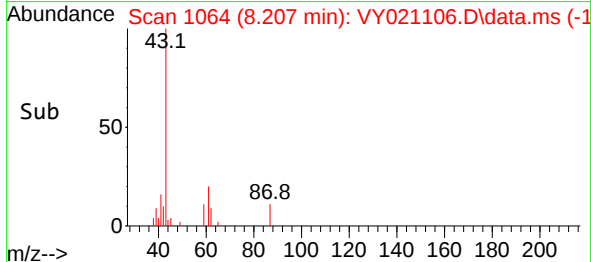
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
61 13.7 24.8 37.2
87 11.0 10.7 16.1

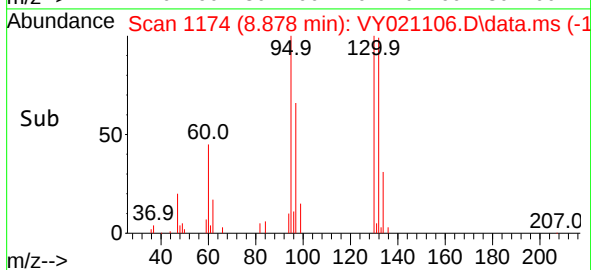
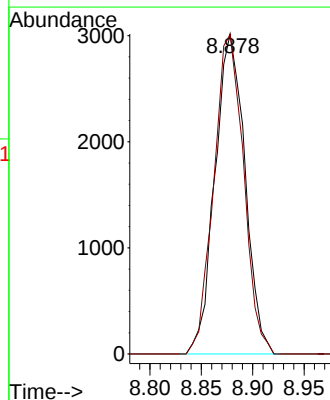
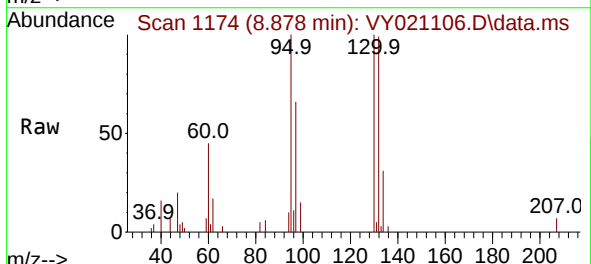
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 2.578 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion:130 Resp: 6119
Ion Ratio Lower Upper
130 100
95 99.9 0.0 203.8





#45

1,2-Dichloropropane

Concen: 2.470 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 63 Resp: 538

Ion Ratio Lower Upper

63 100

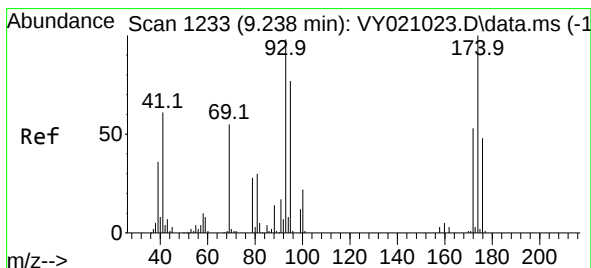
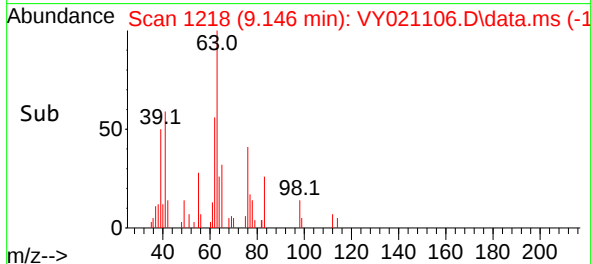
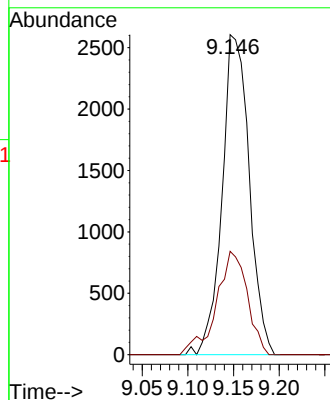
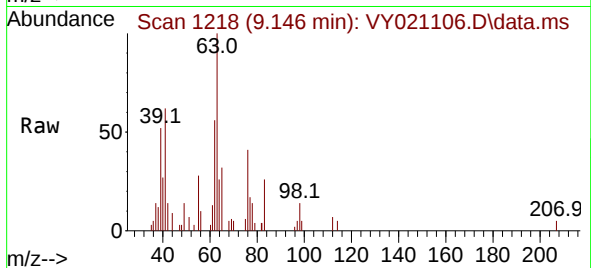
65 32.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#46

Dibromomethane

Concen: 2.434 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.012 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

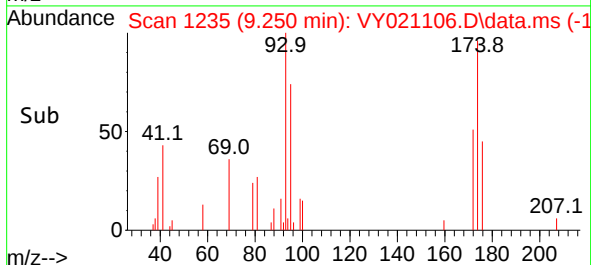
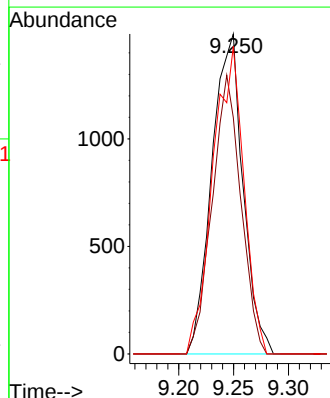
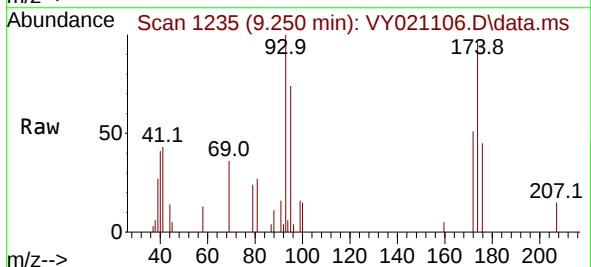
Tgt Ion: 93 Resp: 2939

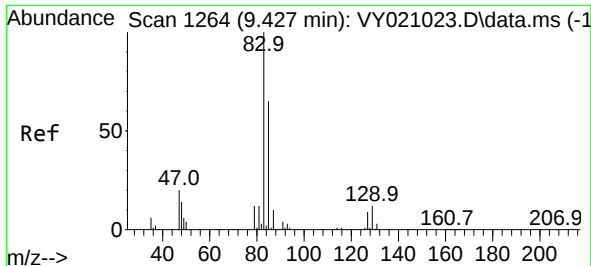
Ion Ratio Lower Upper

93 100

95 80.4 66.6 99.8

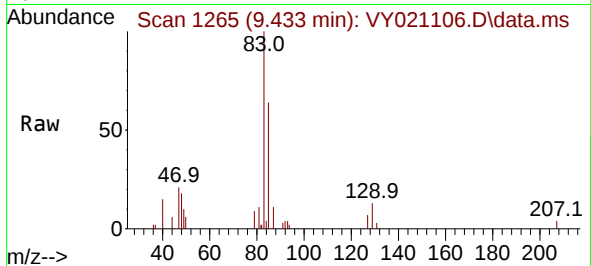
174 95.4 73.8 110.6





#47
Bromodichloromethane
Concen: 2.395 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

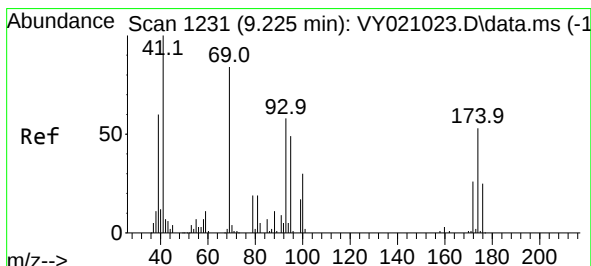
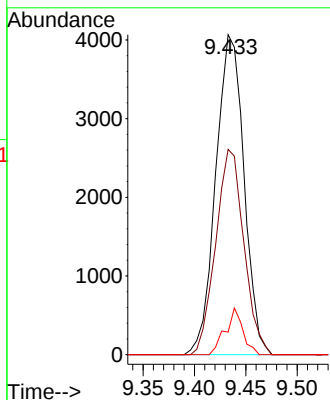
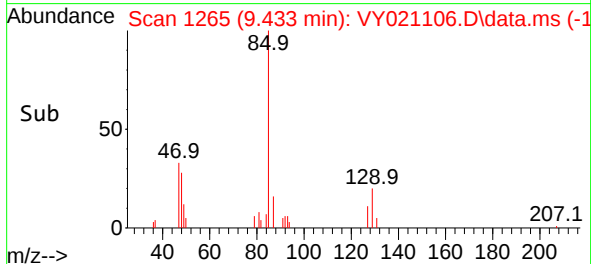
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 83 Resp: 7750
Ion Ratio Lower Upper
83 100
85 64.2 53.2 79.8
127 7.0 6.4 9.6

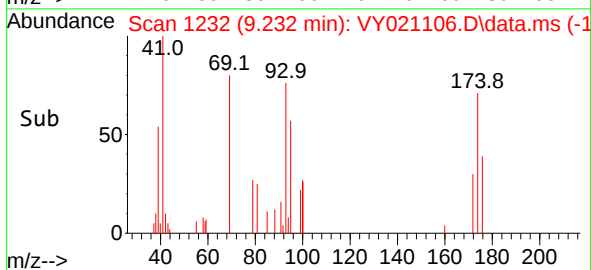
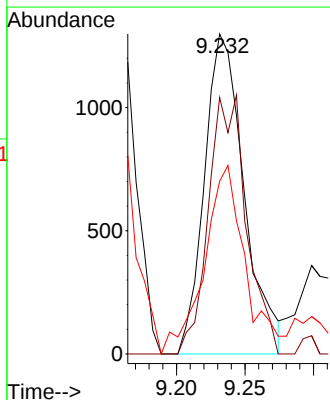
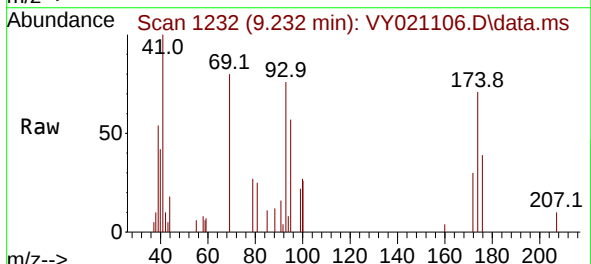
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 2.105 ug/l
RT: 9.232 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion: 41 Resp: 2617
Ion Ratio Lower Upper
41 100
69 77.4 72.1 108.1
39 59.7 42.8 64.2





#49

1,4-Dioxane

Concen: 41.899 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY021106.D

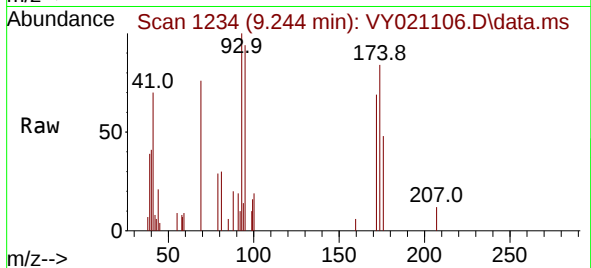
Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

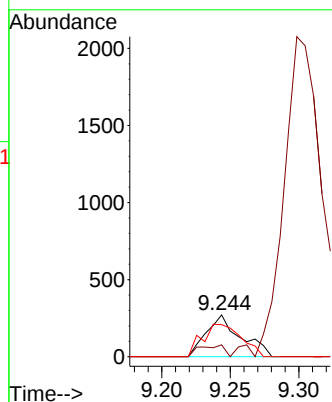
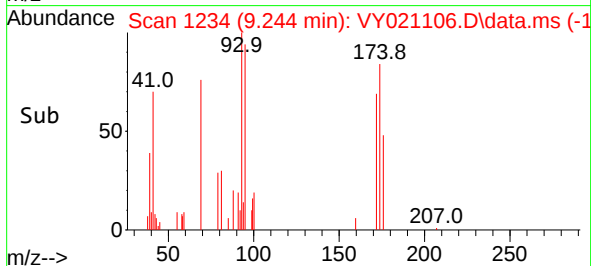


Tgt Ion: 88	Resp: 47
Ion Ratio	Lower Upper
88	100
43	0.0 28.2 42.4
58	88.5 52.2 78.2

Manual Integrations

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



#50

Toluene-d8

Concen: 47.490 ug/l

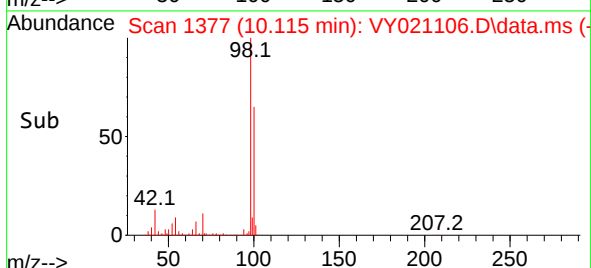
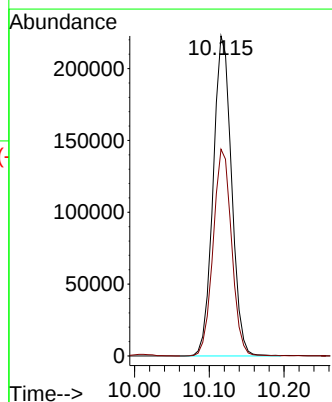
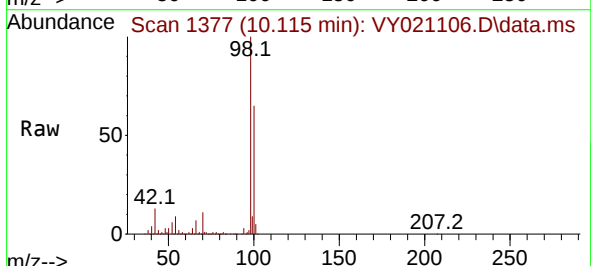
RT: 10.115 min Scan# 1377

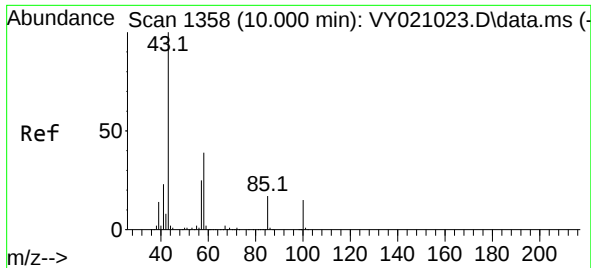
Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

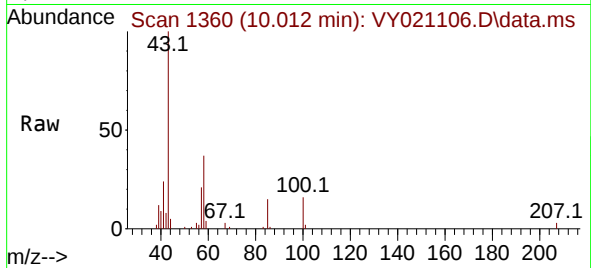
Tgt Ion: 98	Resp: 382194
Ion Ratio	Lower Upper
98	100
100	64.8 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 10.261 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

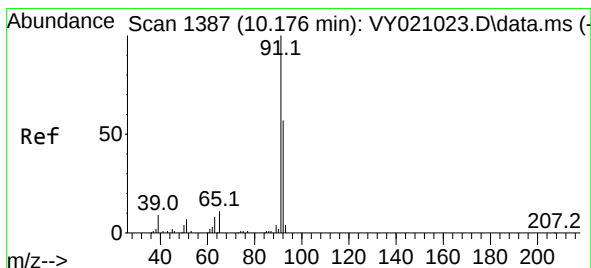
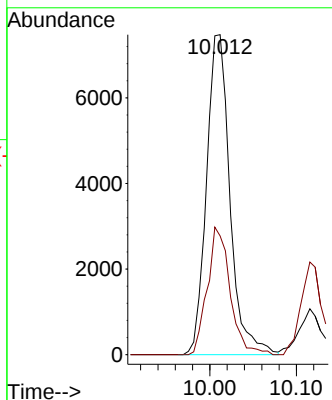
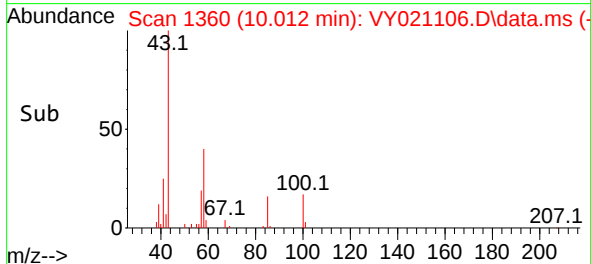
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 38.8 32.2 48.2

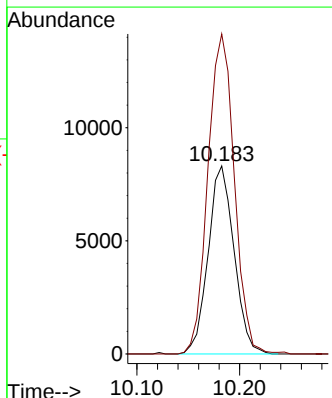
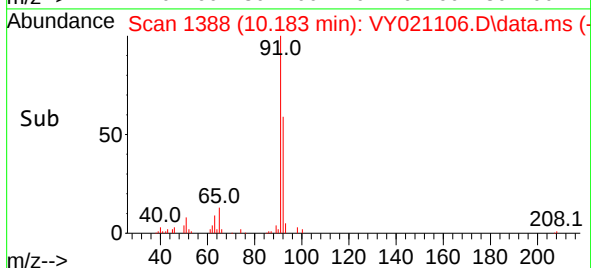
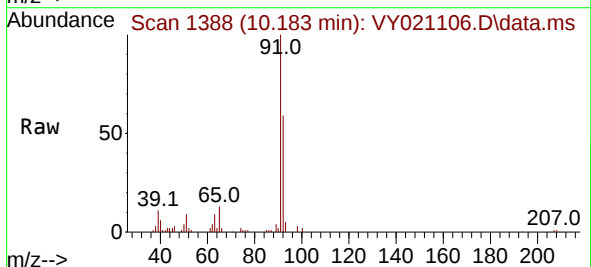
Manual Integrations
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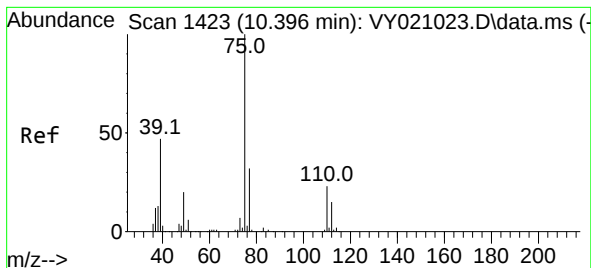
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#52
Toluene
Concen: 2.528 ug/l
RT: 10.183 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

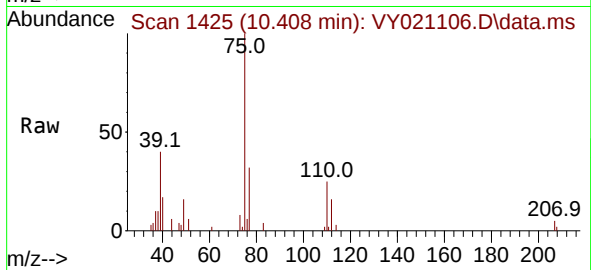
Tgt Ion: 92 Resp: 14584
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 2.244 ug/l
RT: 10.408 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

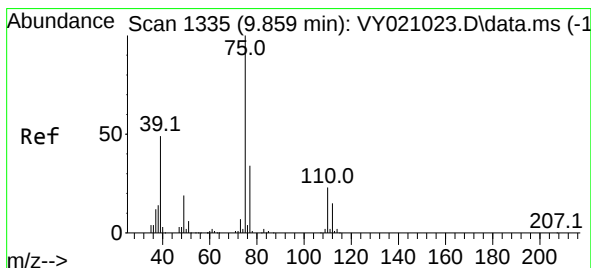
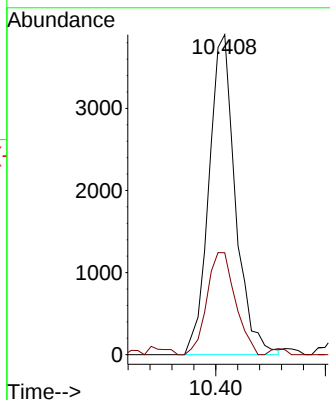
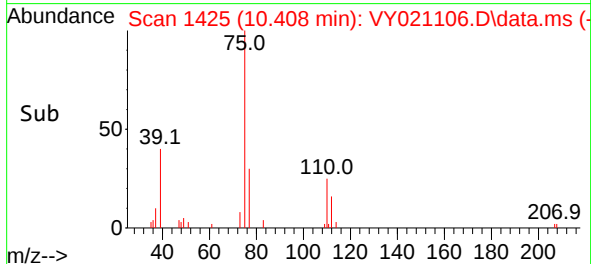
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



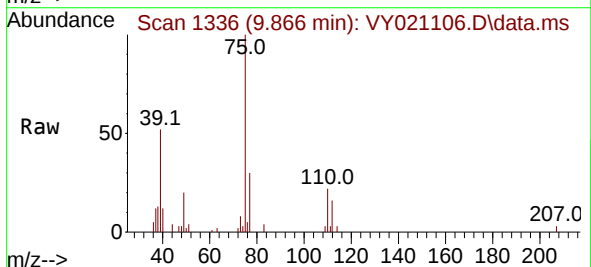
Tgt Ion: 75 Resp: 6520
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8

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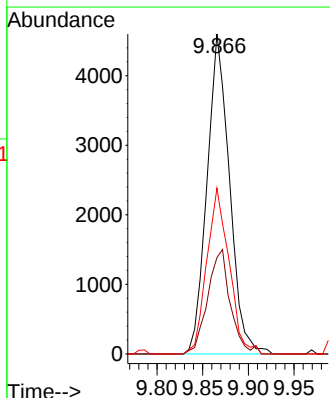
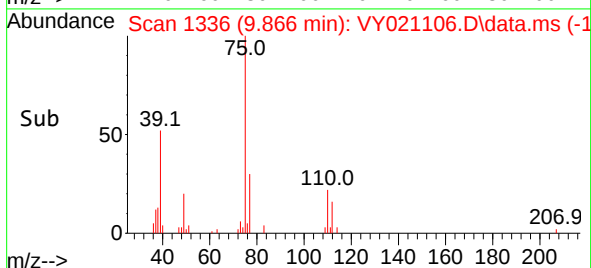
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

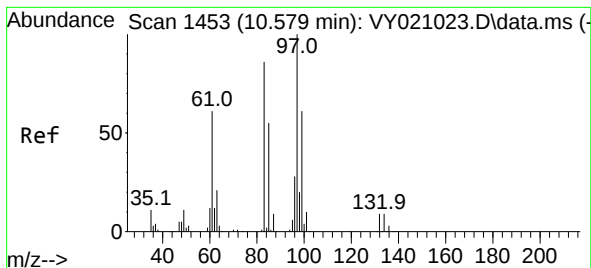


#54
cis-1,3-Dichloropropene
Concen: 2.285 ug/l
RT: 9.866 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



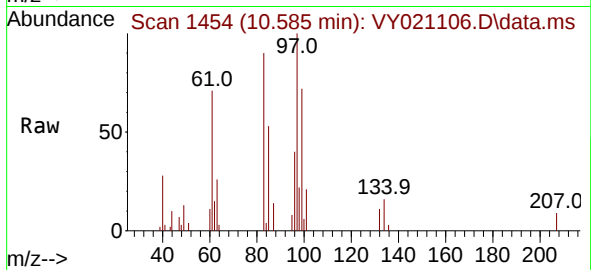
Tgt Ion: 75 Resp: 7869
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8
39 51.8 33.6 50.4#





#55
1,1,2-Trichloroethane
Concen: 2.383 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

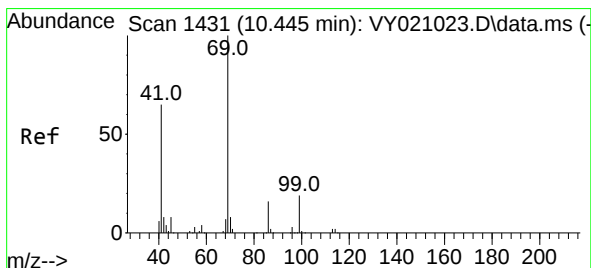
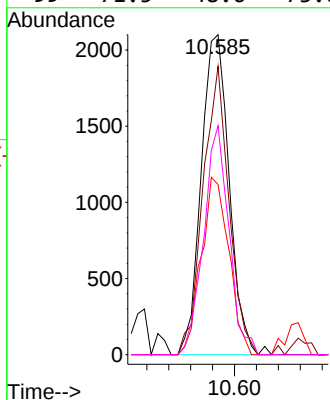
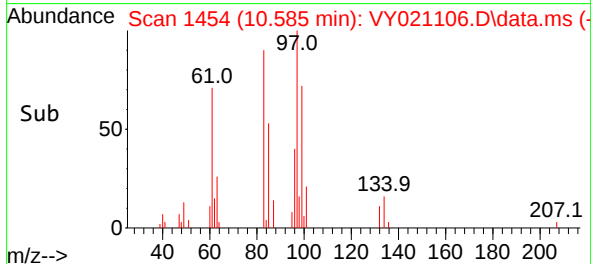
Instrument : MSVOA_Y
ClientSampleId : VY021106.D
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 97	Resp: 3720
Ion Ratio	Lower Upper
97 100	
83 90.1	69.4 104.2
85 53.2	43.9 65.9
99 71.5	48.6 73.0

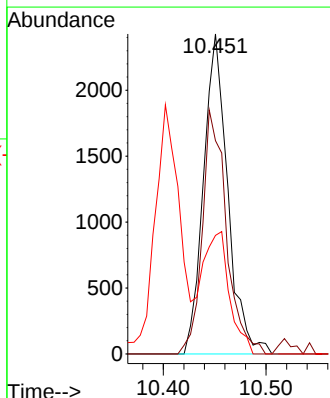
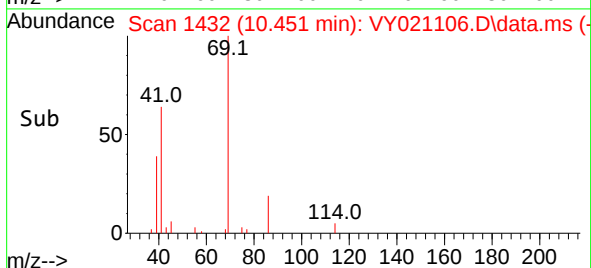
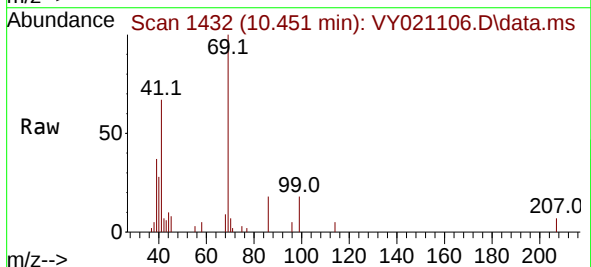
Manual Integrations
APPROVED

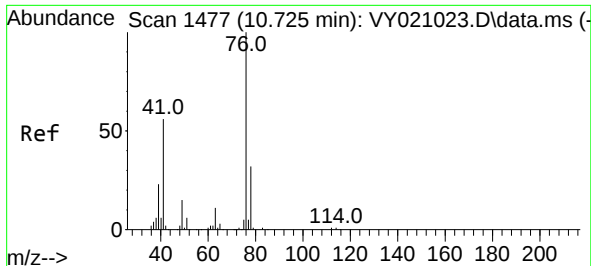
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#56
Ethyl methacrylate
Concen: 1.901 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

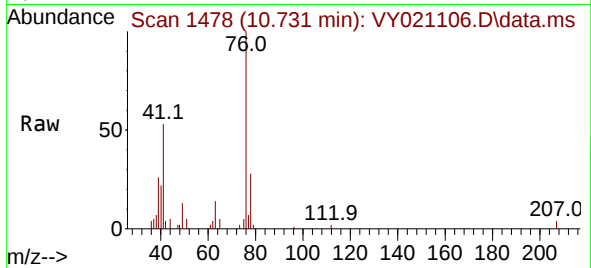
Tgt Ion: 69	Resp: 3976
Ion Ratio	Lower Upper
69 100	
41 75.7	49.2 73.8#
39 44.0	26.8 40.2#





#57
1,3-Dichloropropane
Concen: 2.419 ug/l
RT: 10.731 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

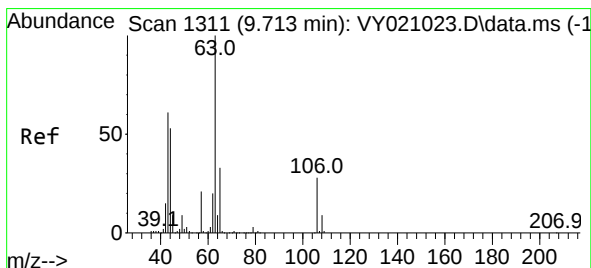
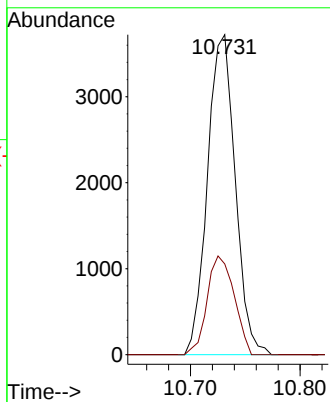
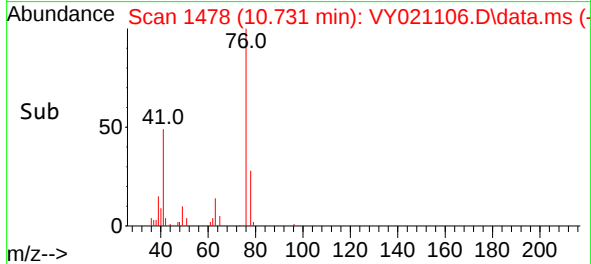
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 76 Resp: 6548
Ion Ratio Lower Upper
76 100
78 30.1 26.1 39.1

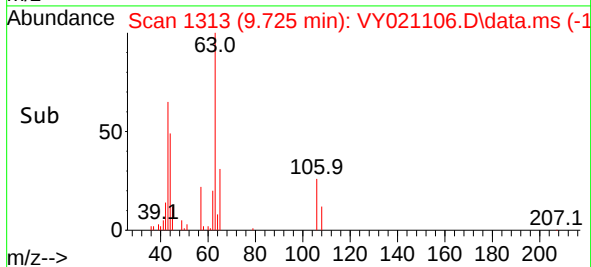
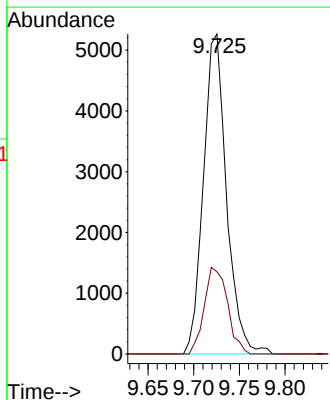
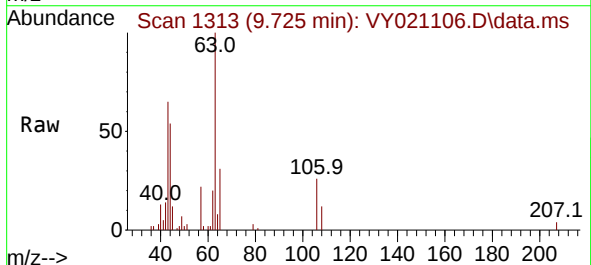
Manual Integrations
APPROVED

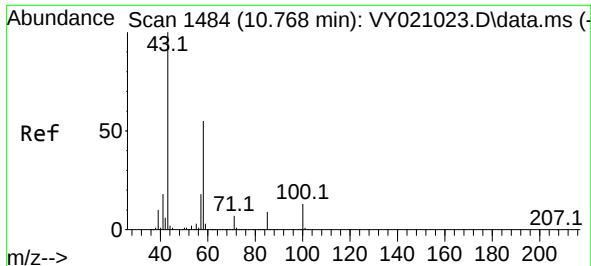
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 9.286 ug/l
RT: 9.725 min Scan# 1313
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

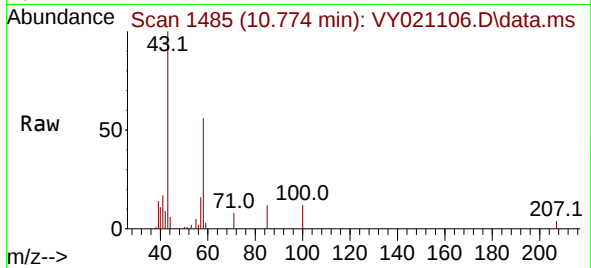
Tgt Ion: 63 Resp: 9241
Ion Ratio Lower Upper
63 100
106 27.2 22.4 33.6





#59
2-Hexanone
Concen: 9.338 ug/l
RT: 10.774 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

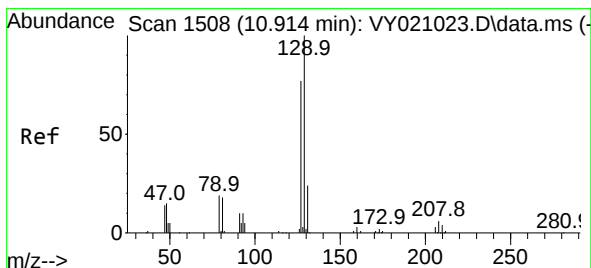
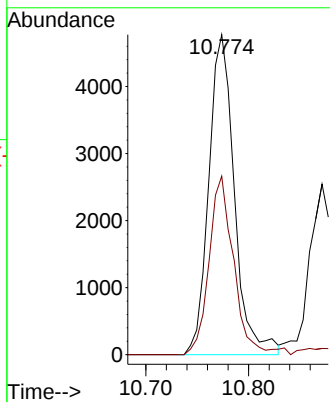
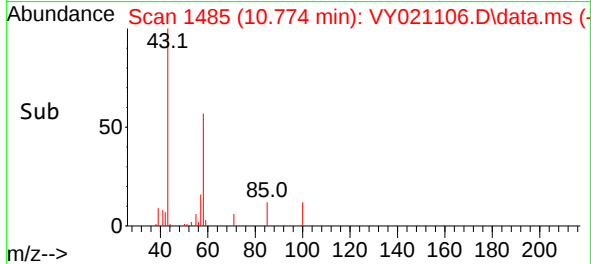
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



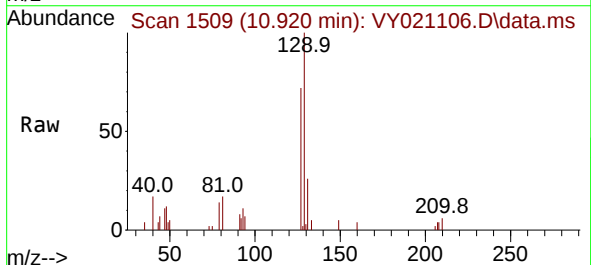
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 53.8 28.1 84.3

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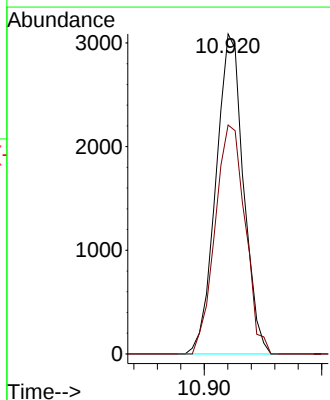
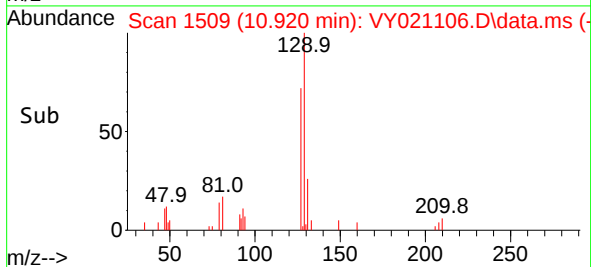
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

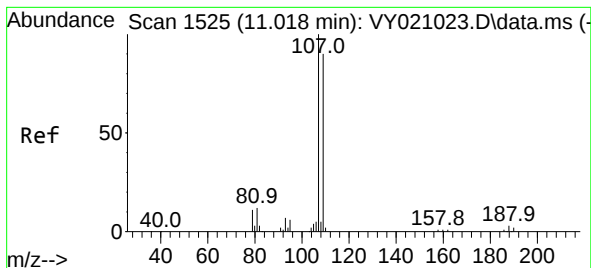


#60
Dibromochloromethane
Concen: 2.295 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



Tgt Ion:129 Resp: 5039
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





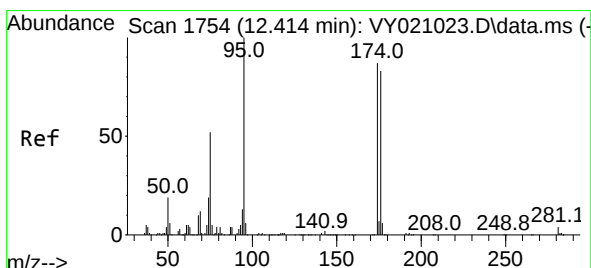
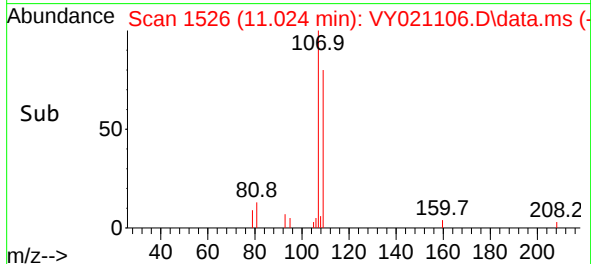
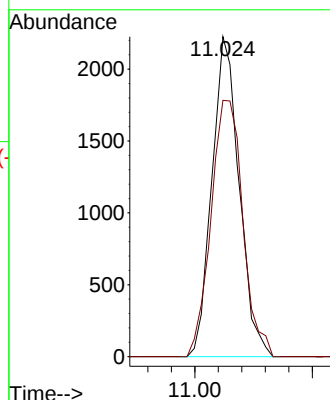
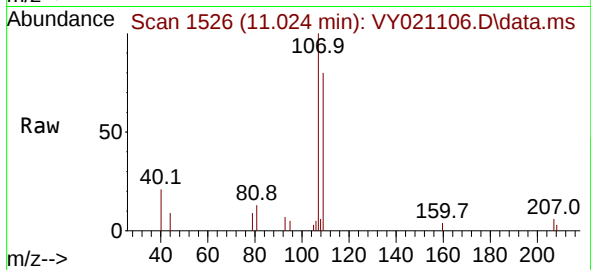
#61
1,2-Dibromoethane
Concen: 2.448 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:107 Resp: 358
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2

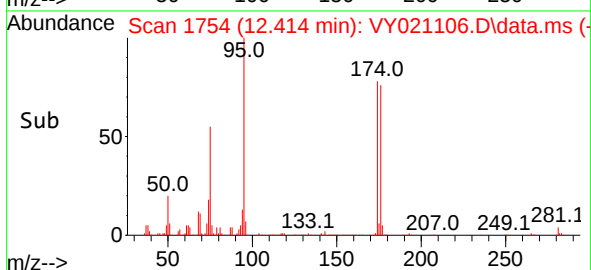
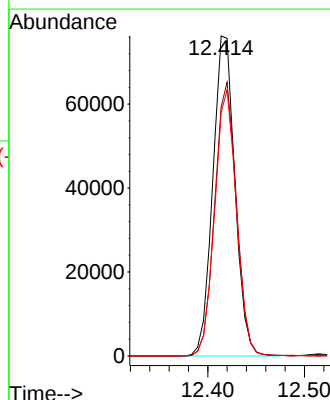
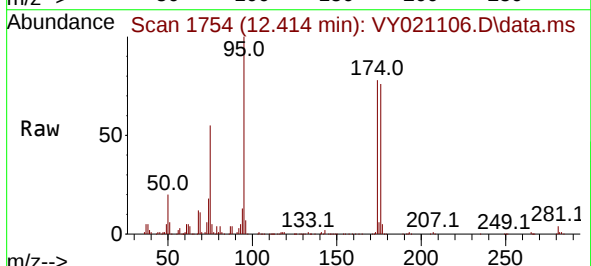
Manual Integrations
APPROVED

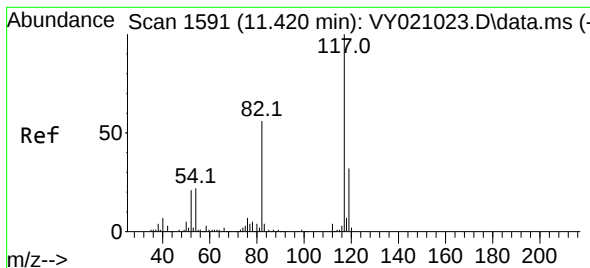
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#62
4-Bromofluorobenzene
Concen: 45.953 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion: 95 Resp: 120819
Ion Ratio Lower Upper
95 100
174 84.1 0.0 160.0
176 81.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

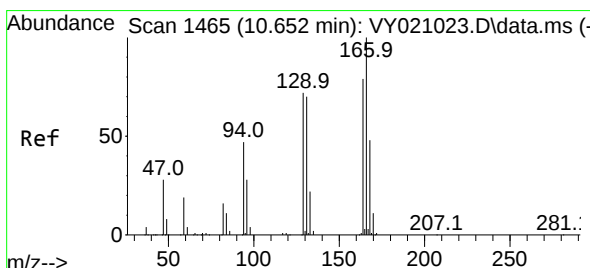
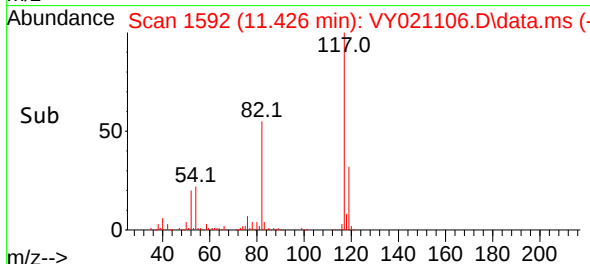
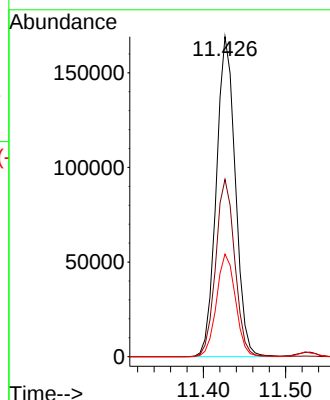
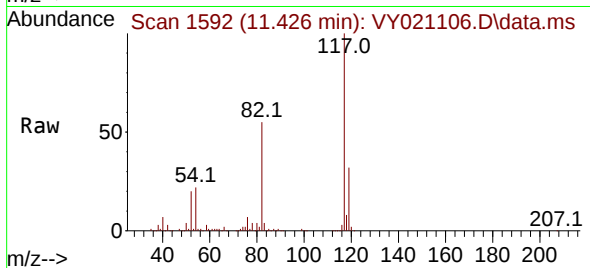
Tgt Ion:117 Resp: 27223

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.8	65.8
119	32.1	26.5	39.7

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 2.771 ug/l

RT: 10.658 min Scan# 1466

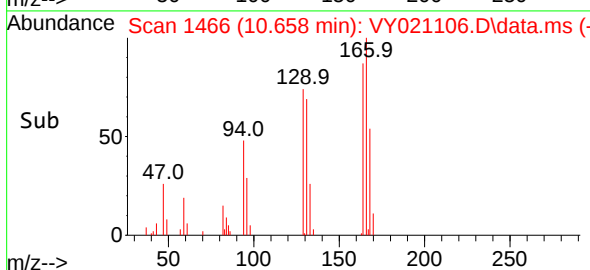
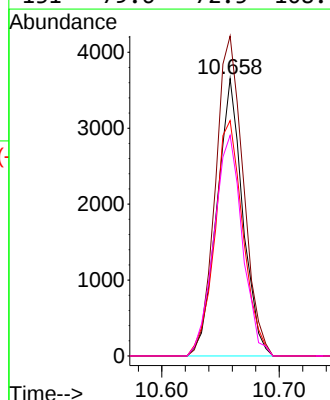
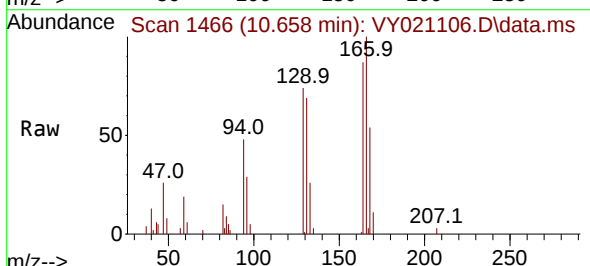
Delta R.T. 0.006 min

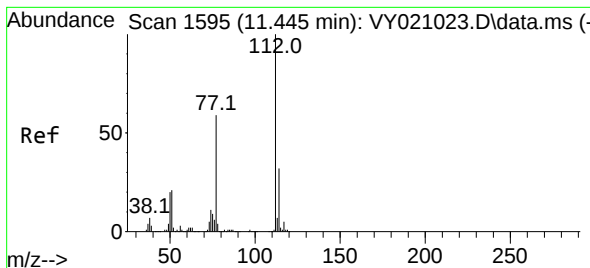
Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Tgt Ion:164 Resp: 5601

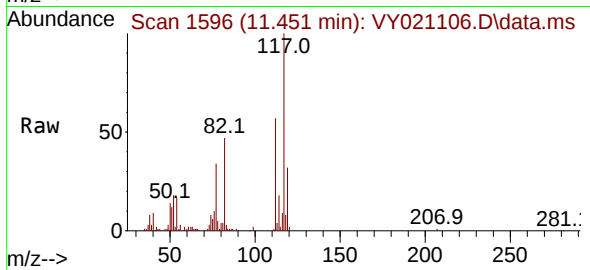
Ion	Ratio	Lower	Upper
164	100		
166	115.4	98.8	148.2
129	84.8	78.9	118.3
131	79.6	72.5	108.7





#65
Chlorobenzene
Concen: 2.577 ug/l
RT: 11.451 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

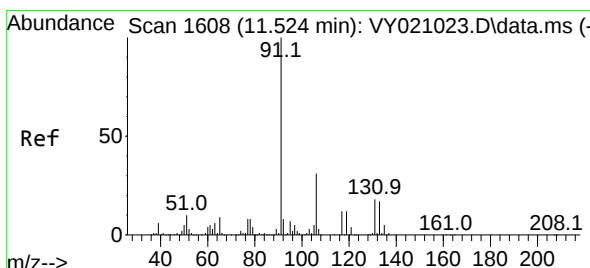
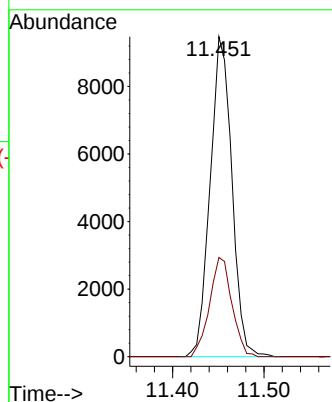
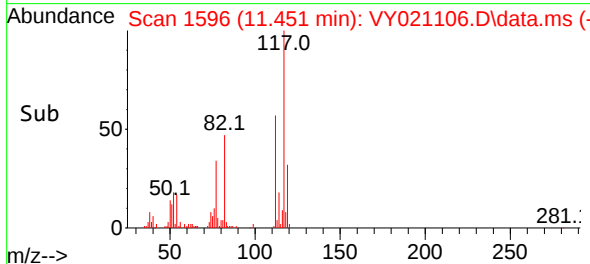
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



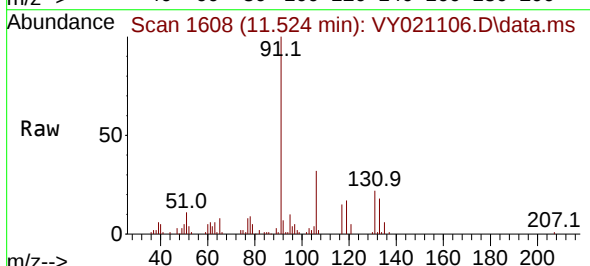
Tgt Ion:112 Resp: 15619
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1

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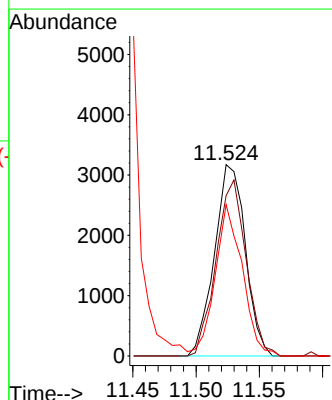
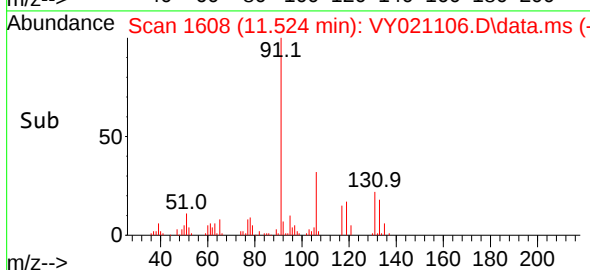
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

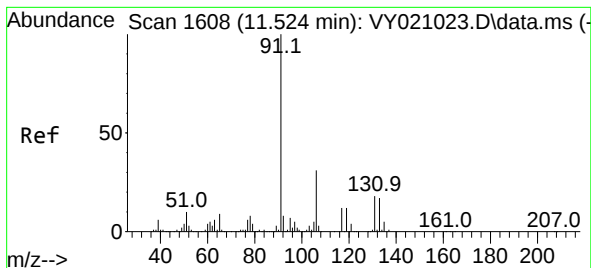


#66
1,1,1,2-Tetrachloroethane
Concen: 2.504 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



Tgt Ion:131 Resp: 5395
Ion Ratio Lower Upper
131 100
133 89.4 47.0 141.0
119 69.7 33.3 99.9





#67

Ethyl Benzene

Concen: 2.444 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 91 Resp: 26200

Ion Ratio Lower Upper

91 100

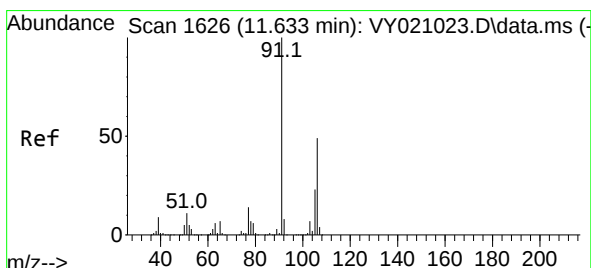
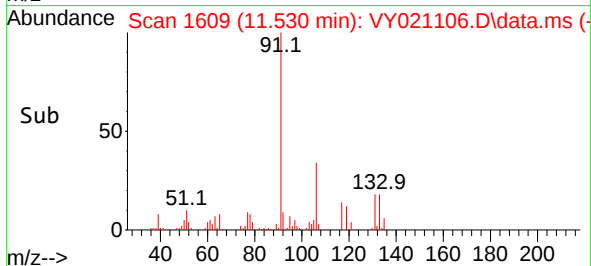
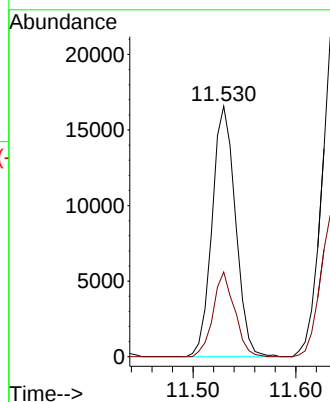
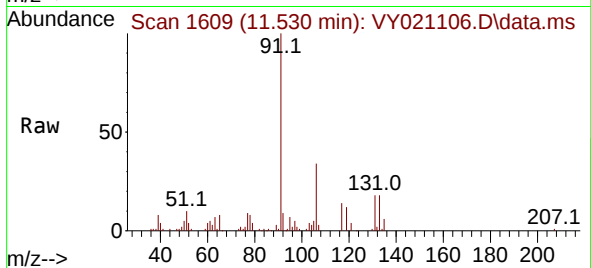
106 33.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#68

m/p-Xylenes

Concen: 4.885 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021106.D

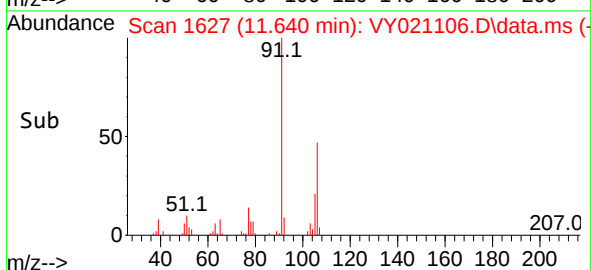
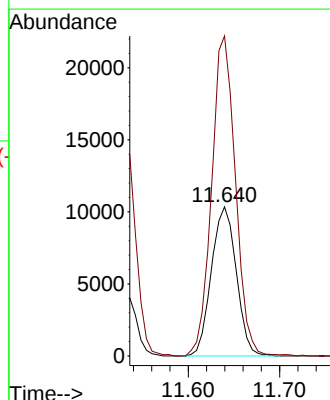
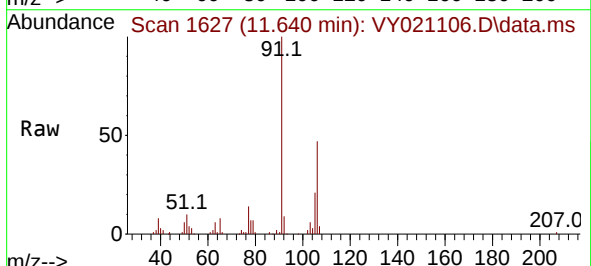
Acq: 06 Feb 2025 12:08

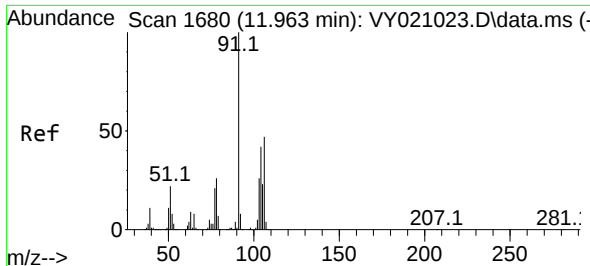
Tgt Ion:106 Resp: 19592

Ion Ratio Lower Upper

106 100

91 204.5 160.7 241.1





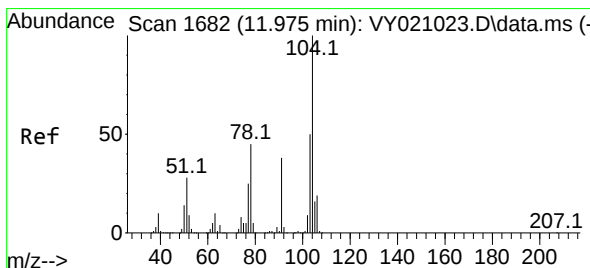
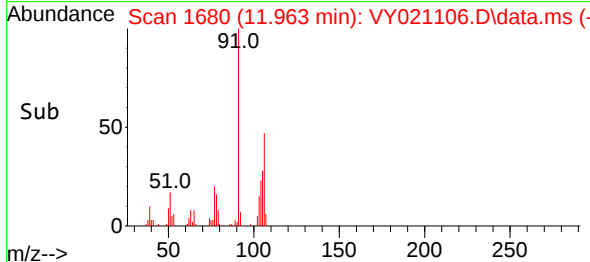
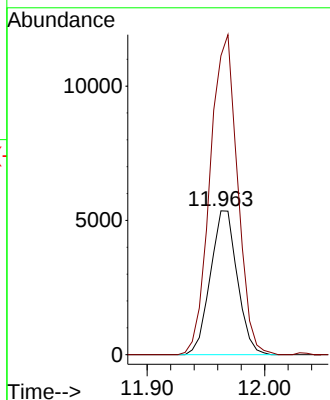
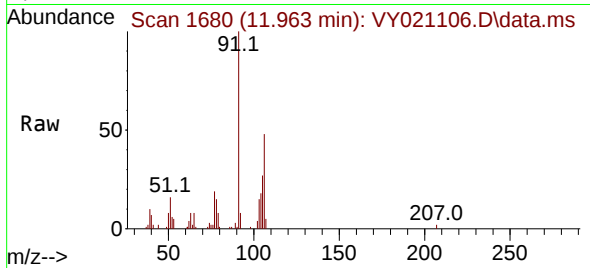
#69
o-Xylene
Concen: 2.280 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:106 Resp: 8528
Ion Ratio Lower Upper
106 100
91 226.4 106.5 319.5

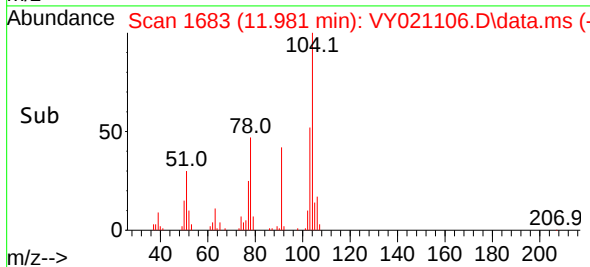
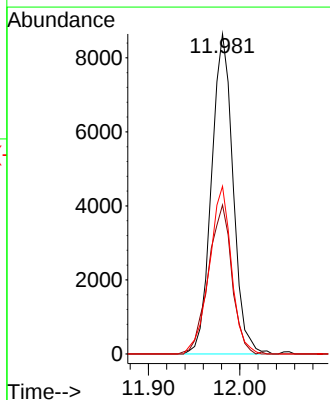
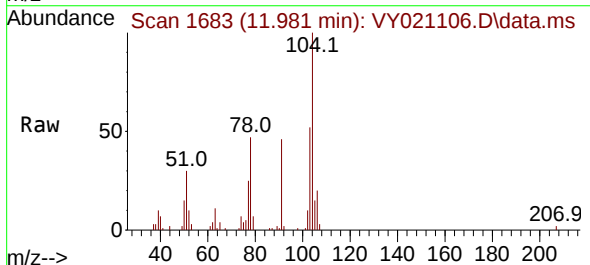
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 2.269 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion:104 Resp: 14142
Ion Ratio Lower Upper
104 100
78 50.8 39.2 58.8
103 53.8 43.8 65.6





#71

Bromoform

Concen: 2.395 ug/l

RT: 12.146 min Scan# 1710

Delta R.T. 0.012 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

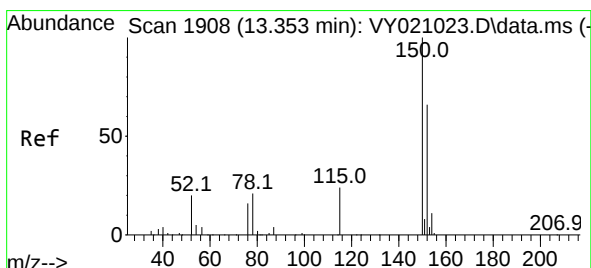
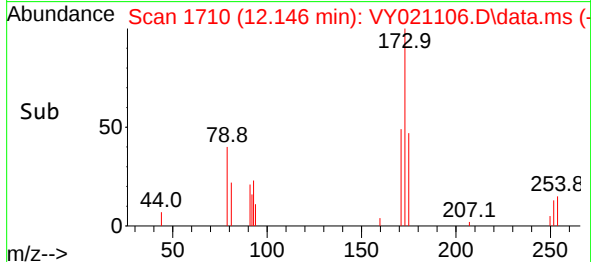
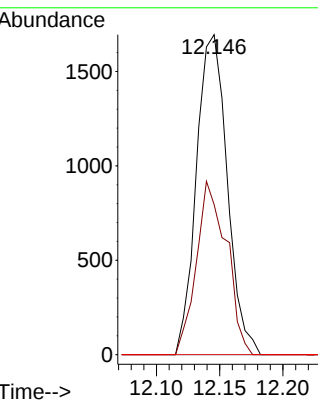
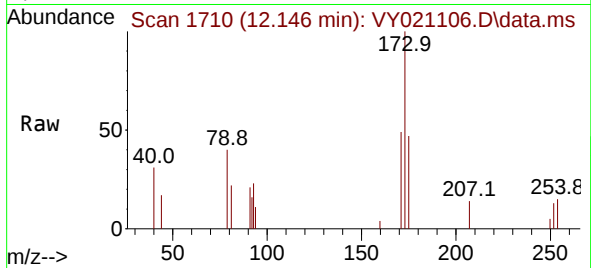
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:173	Resp:	287
Ion Ratio	Lower	Upper
173	100	
175	53.0	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

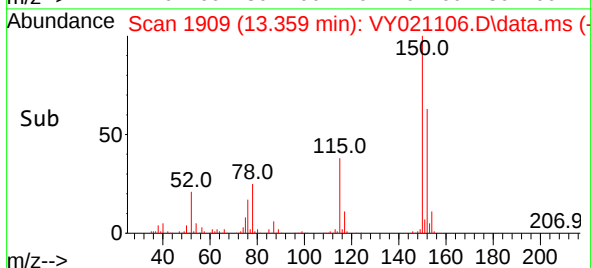
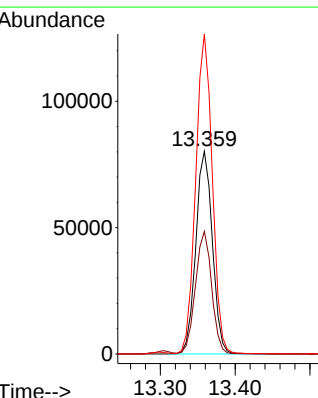
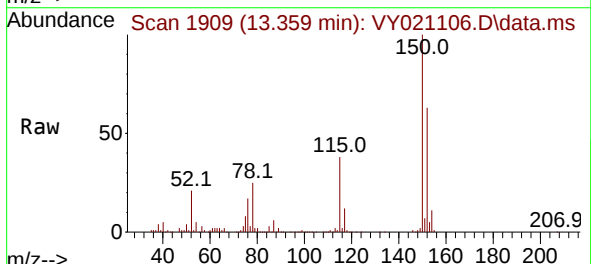
RT: 13.359 min Scan# 1909

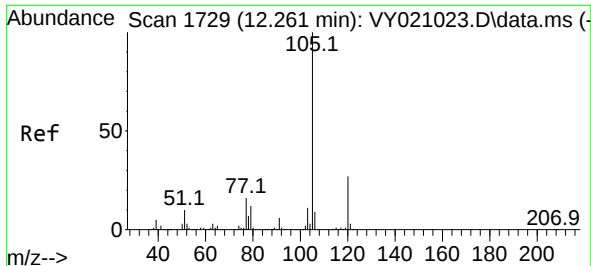
Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Tgt Ion:152	Resp:	123568
Ion Ratio	Lower	Upper
152	100	
115	59.4	30.0 90.0
150	158.2	0.0 344.6





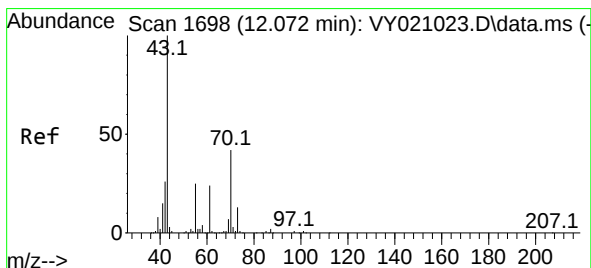
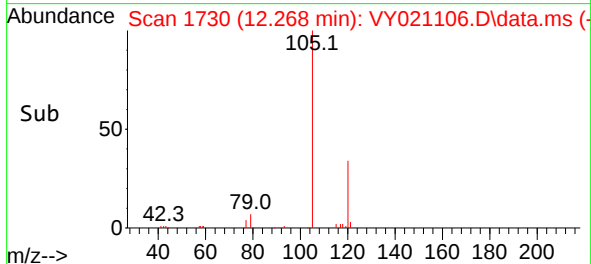
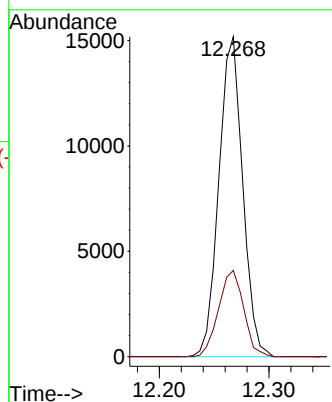
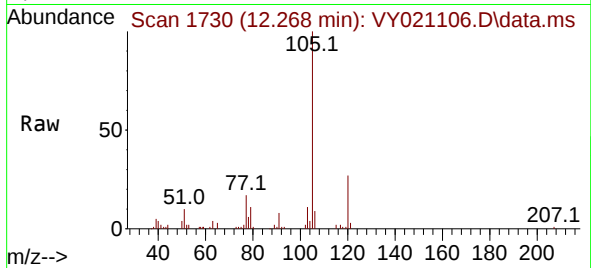
#73
Isopropylbenzene
Concen: 2.374 ug/l
RT: 12.268 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 105 Resp: 2291
Ion Ratio Lower Upper
105 100
120 28.4 13.0 39.0

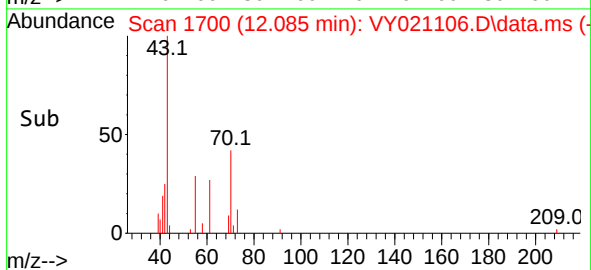
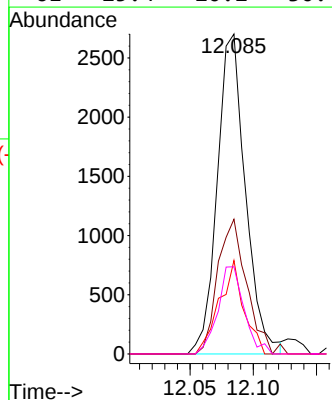
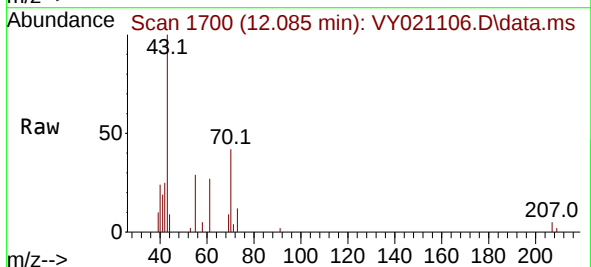
Manual Integrations
APPROVED

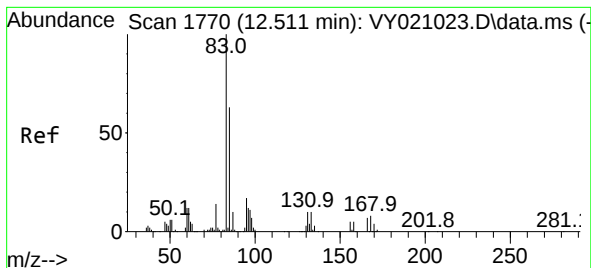
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#74
N-ethyl acetate
Concen: 1.985 ug/l
RT: 12.085 min Scan# 1700
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion: 43 Resp: 4188
Ion Ratio Lower Upper
43 100
70 43.4 36.6 55.0
55 25.4 22.2 33.4
61 25.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 2.604 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

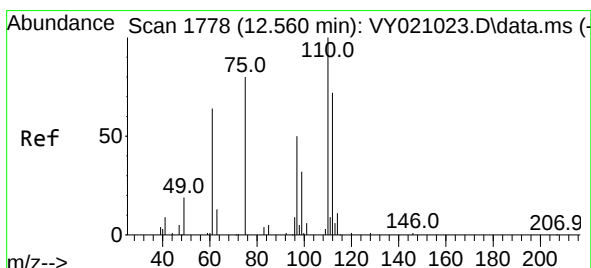
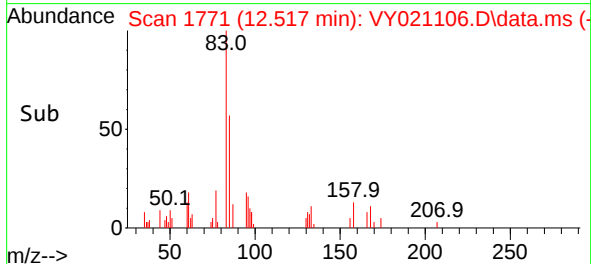
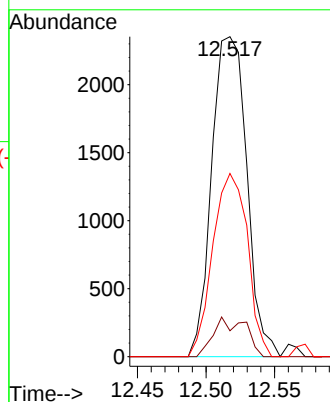
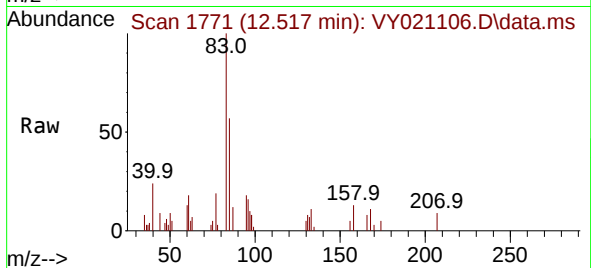
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 83	Resp: 418
Ion Ratio	Lower Upper
83 100	
131 11.3	4.9 14.6
85 56.8	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: 2.353 ug/l m

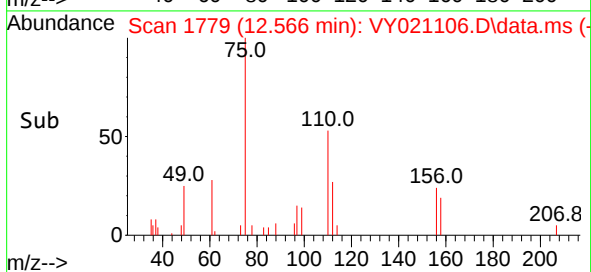
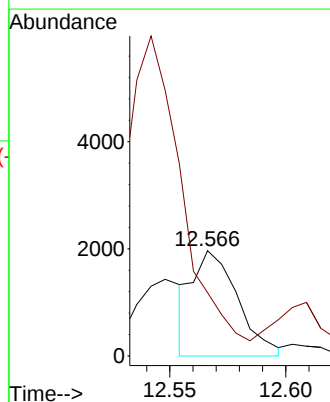
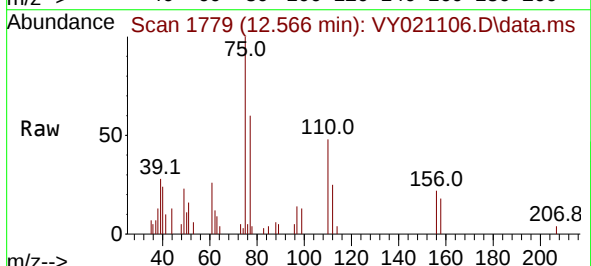
RT: 12.566 min Scan# 1779

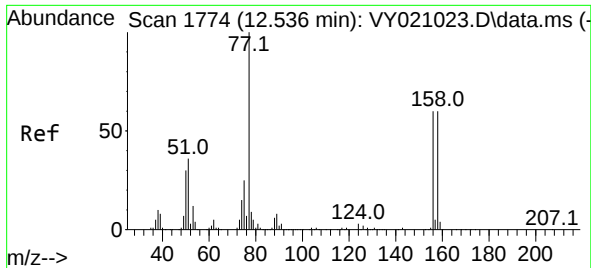
Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Tgt Ion: 75	Resp: 2637
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





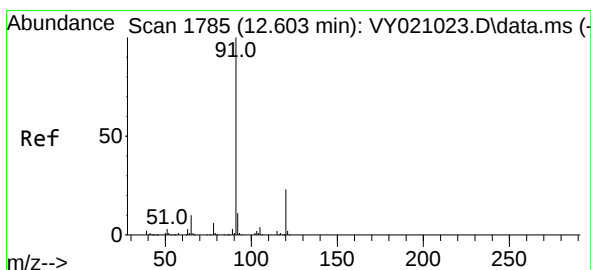
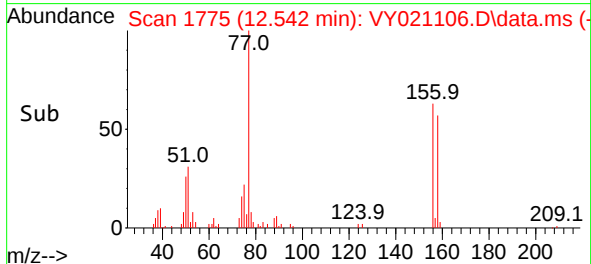
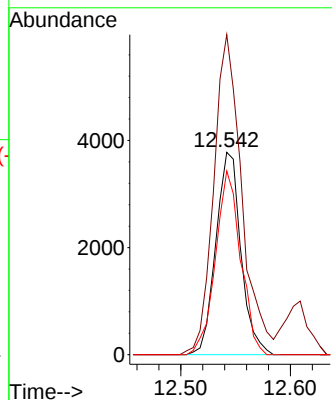
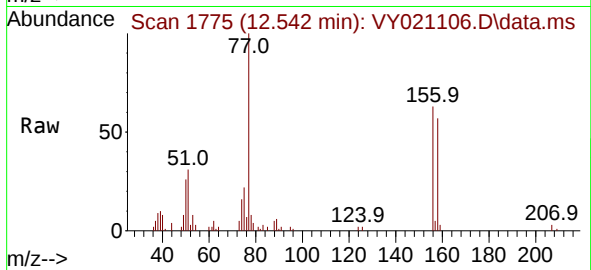
#77
Bromobenzene
Concen: 2.696 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:156 Resp: 6009
Ion Ratio Lower Upper
156 100
77 176.9 97.3 291.8
158 91.2 48.4 145.0

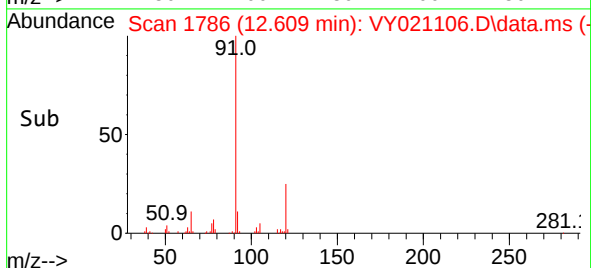
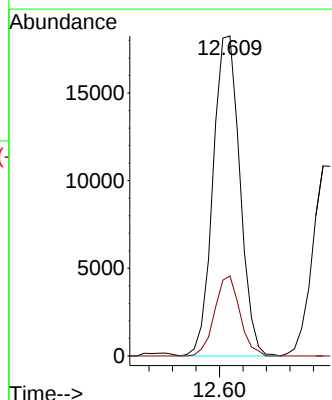
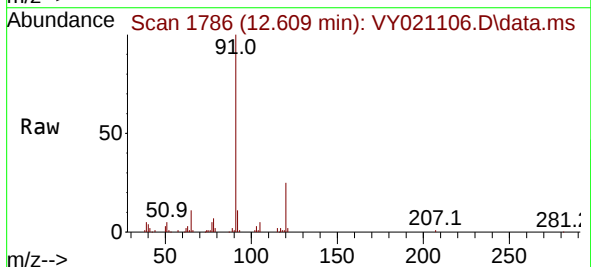
Manual Integrations
APPROVED

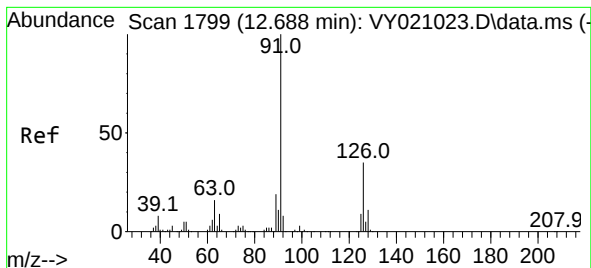
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#78
n-propylbenzene
Concen: 2.521 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion: 91 Resp: 28983
Ion Ratio Lower Upper
91 100
120 23.4 11.0 33.0





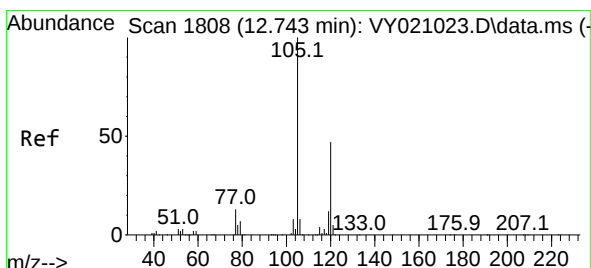
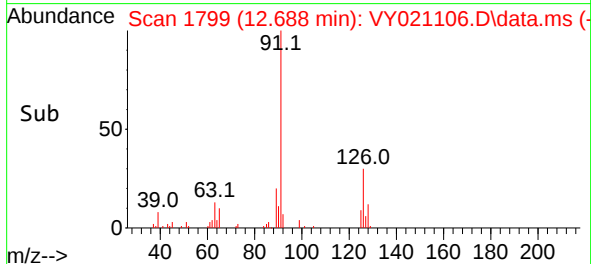
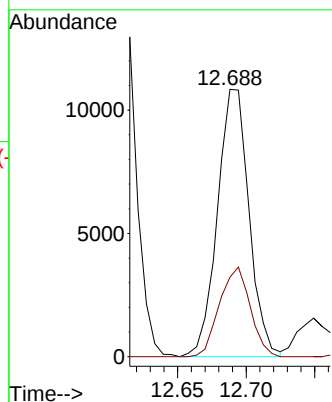
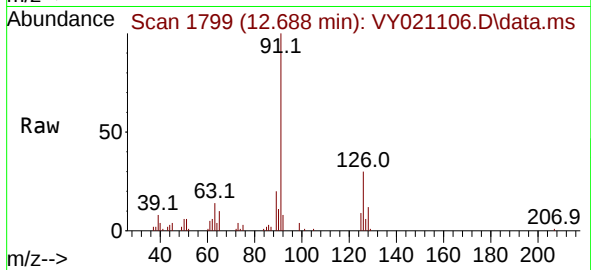
#79
2-Chlorotoluene
Concen: 2.646 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 91 Resp: 1742
Ion Ratio Lower Upper
91 100
126 32.5 17.0 51.0

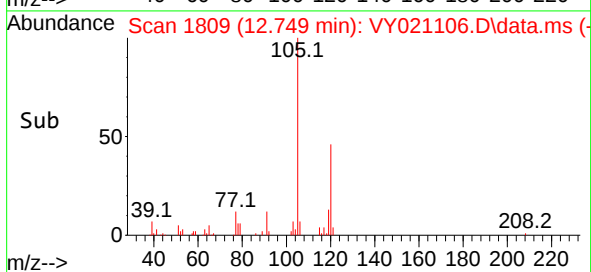
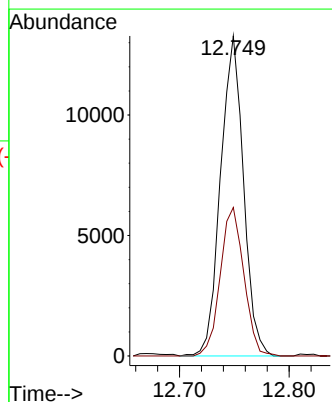
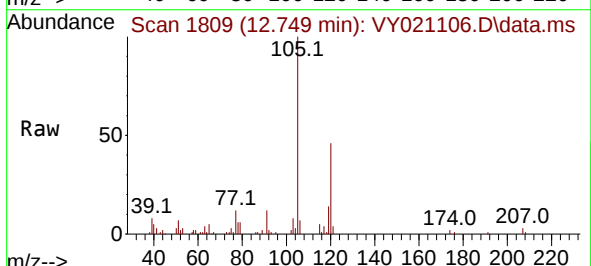
Manual Integrations
APPROVED

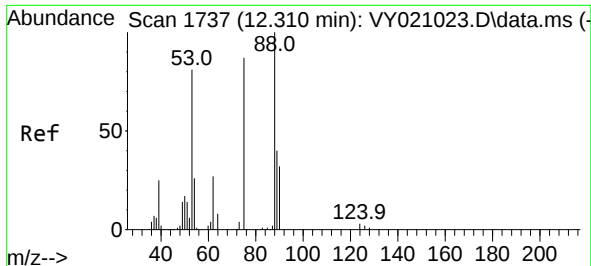
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.467 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

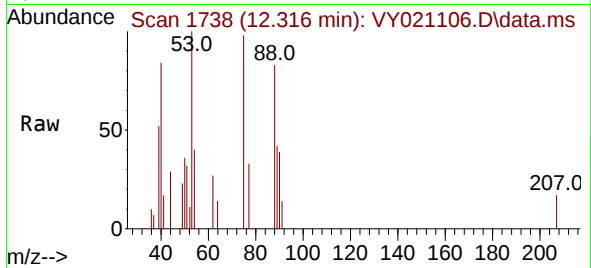
Tgt Ion:105 Resp: 19306
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 2.062 ug/l m
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

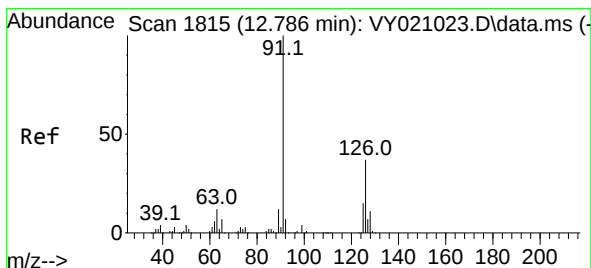
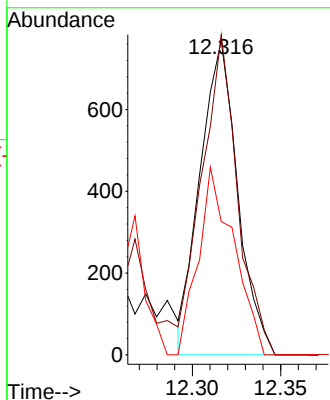
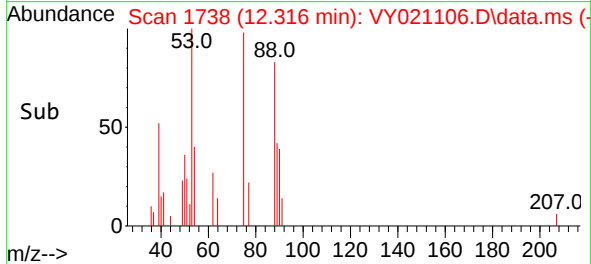
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0
89 0.0 36.5 54.7

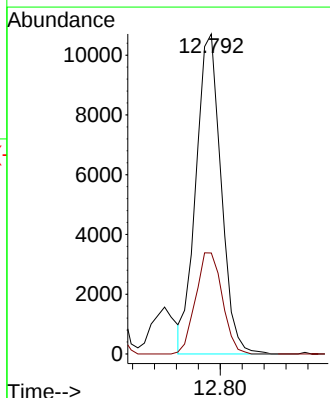
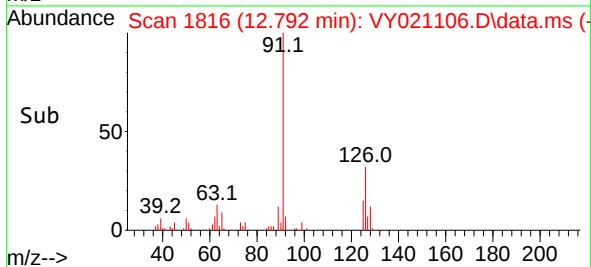
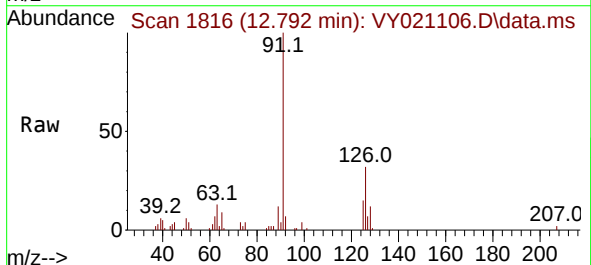
Manual Integrations
APPROVED

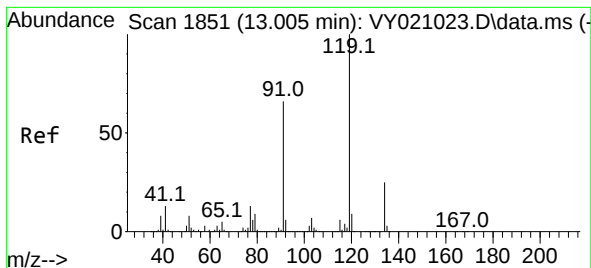
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#82
4-Chlorotoluene
Concen: 2.539 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion: 91 Resp: 17036
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 2.504 ug/l

RT: 13.011 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

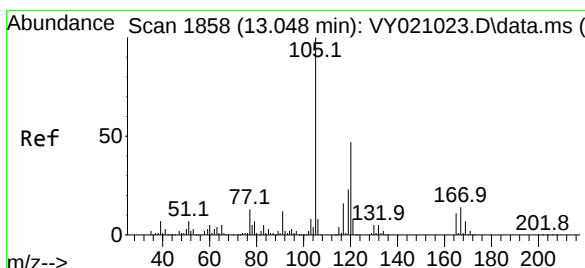
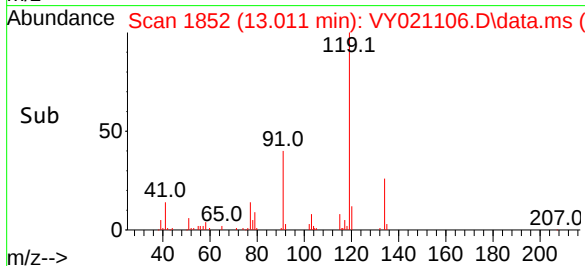
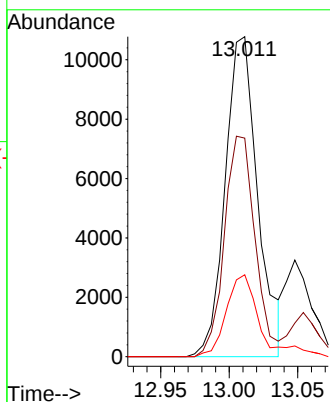
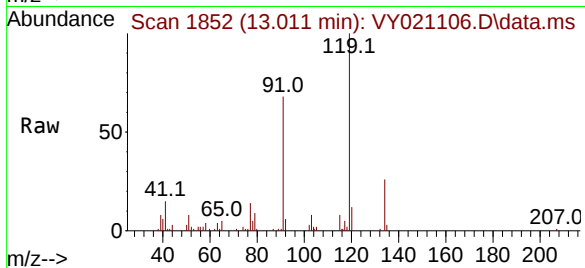
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:	119	Resp:	17814
Ion Ratio	Lower	Upper	
119	100		
91	65.0	31.5	94.5
134	26.3	13.1	39.3

Manual Integrations

APPROVED

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



#84

1,2,4-Trimethylbenzene

Concen: 2.387 ug/l

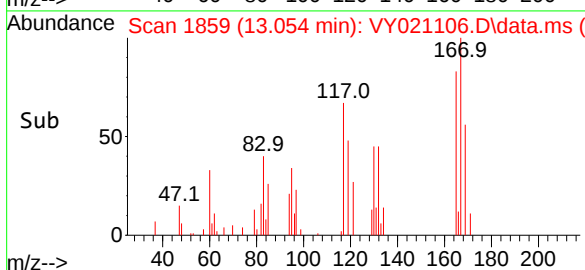
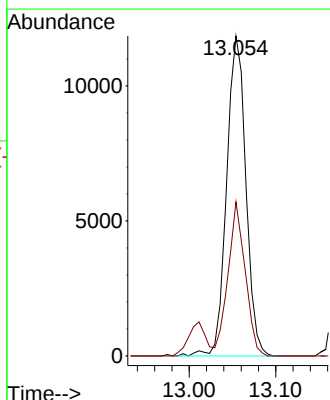
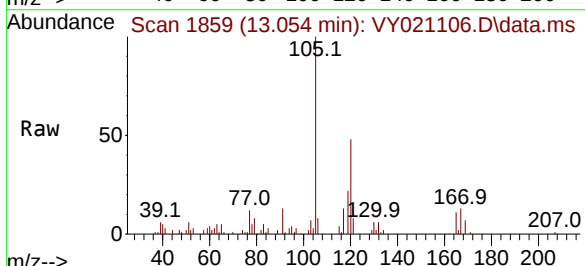
RT: 13.054 min Scan# 1859

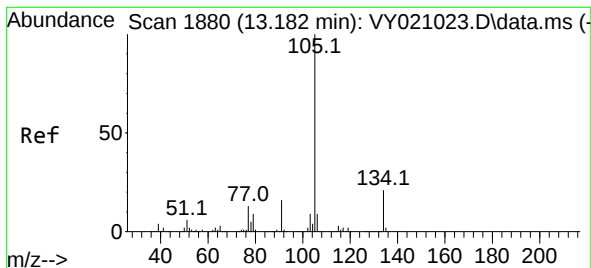
Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Tgt Ion:	105	Resp:	18262
Ion Ratio	Lower	Upper	
105	100		
120	43.0	22.1	66.3





#85

sec-Butylbenzene

Concen: 2.386 ug/l

RT: 13.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:105 Resp: 2443

Ion Ratio Lower Upper

105 100

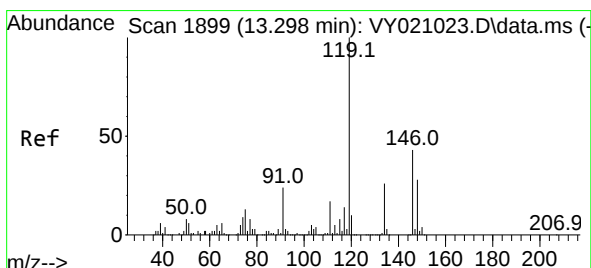
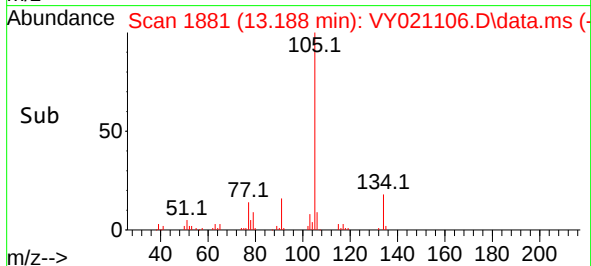
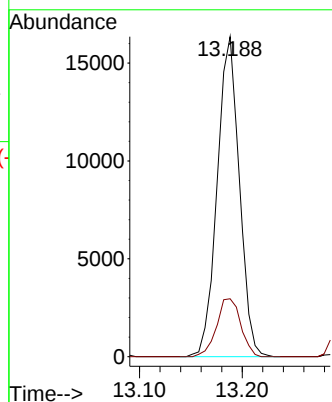
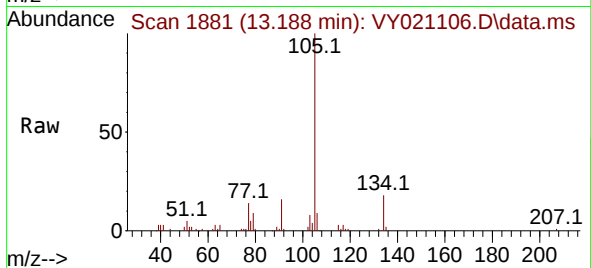
134 19.8 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#86

p-Isopropyltoluene

Concen: 2.357 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

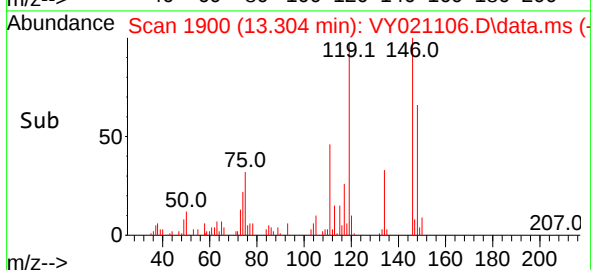
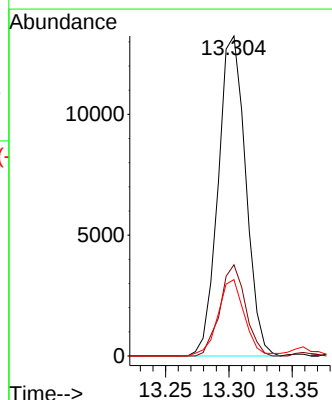
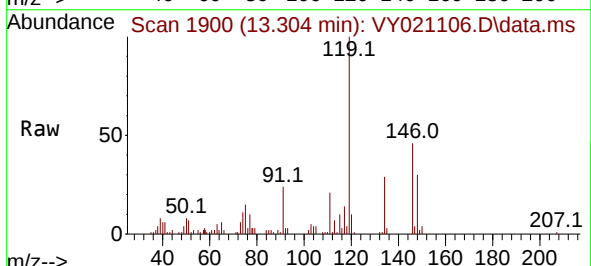
Tgt Ion:119 Resp: 20050

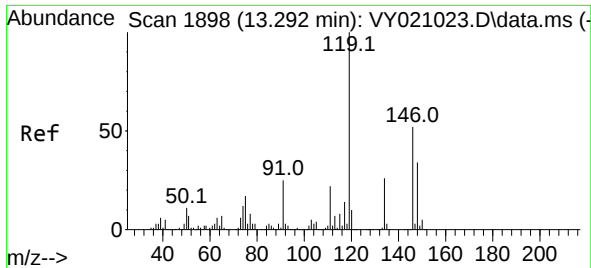
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 22.9 11.7 35.0





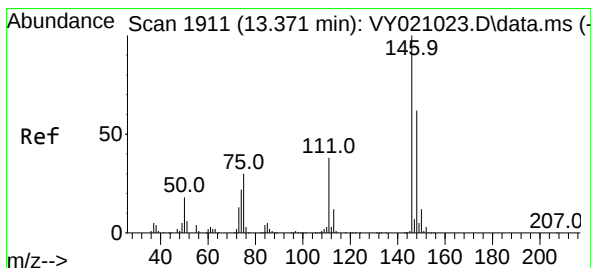
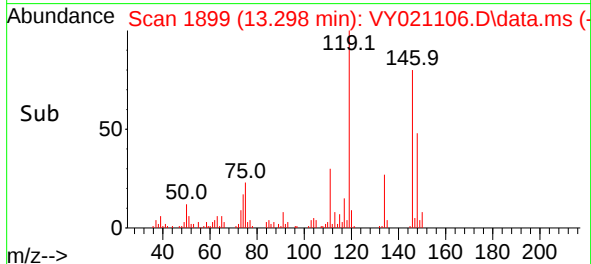
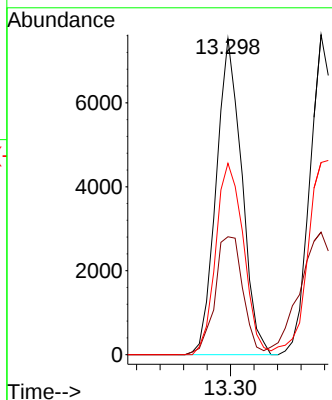
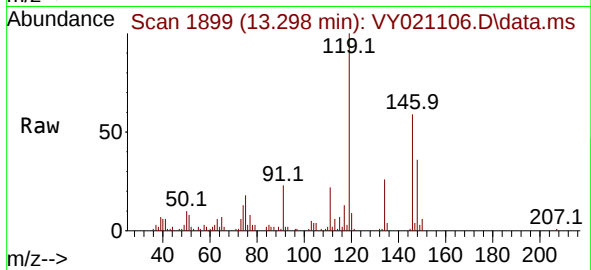
#87
1,3-Dichlorobenzene
Concen: 2.651 ug/l
RT: 13.298 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.5
148	65.7	31.9	95.9

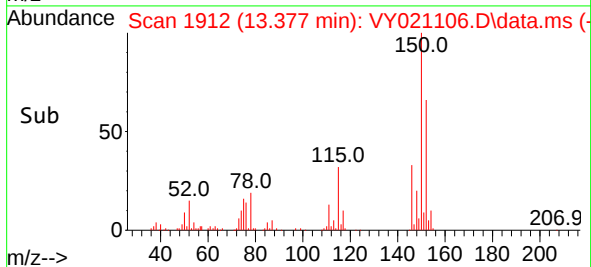
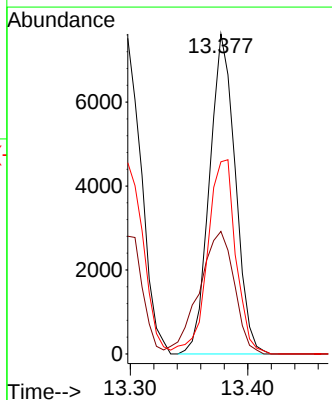
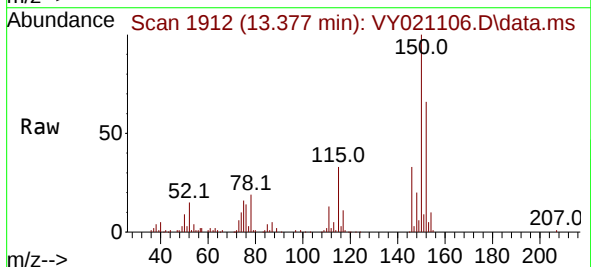
Manual Integrations
APPROVED

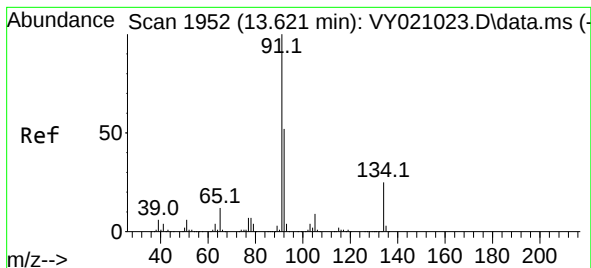
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#88
1,4-Dichlorobenzene
Concen: 2.749 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.2	19.3	57.9
148	66.4	31.6	94.7





#89

n-Butylbenzene

Concen: 2.333 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

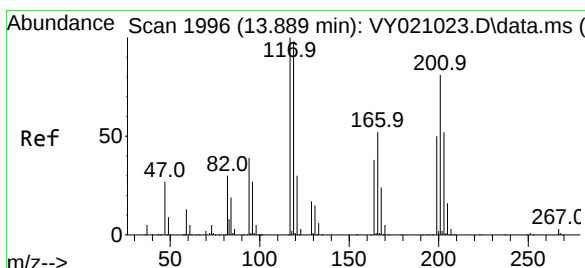
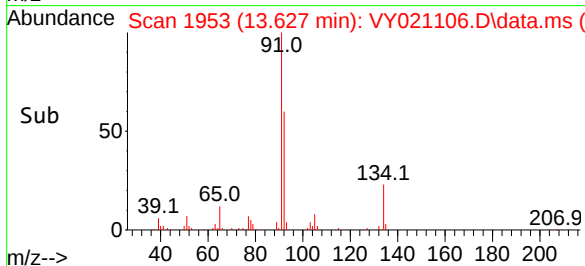
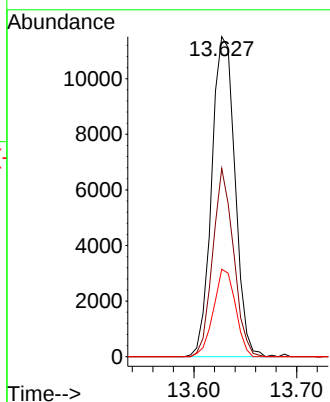
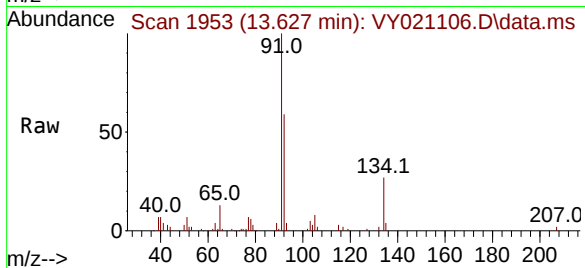
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:	91	Resp:	1810
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.4	79.2
134	25.9	12.3	36.8

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 2.562 ug/l

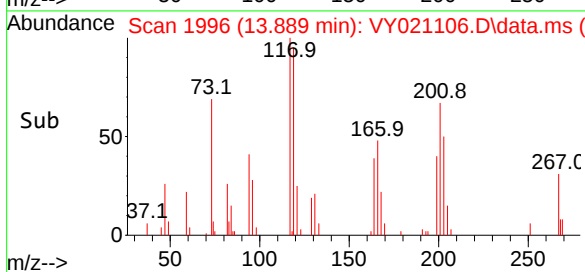
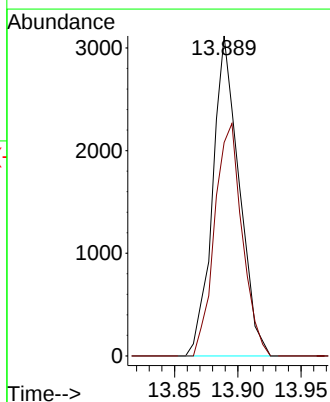
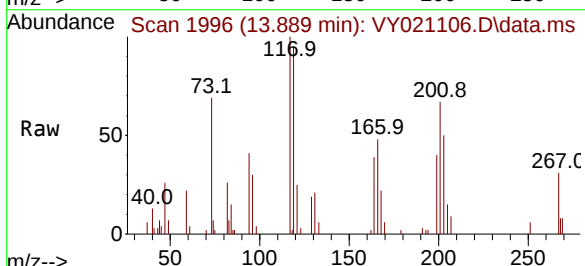
RT: 13.889 min Scan# 1996

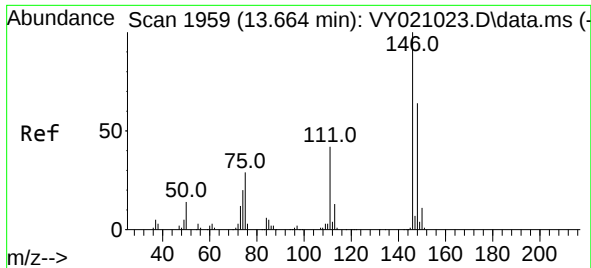
Delta R.T. 0.000 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

Tgt Ion:	117	Resp:	4546
Ion Ratio	Lower	Upper	
117	100		
201	75.5	33.4	100.1





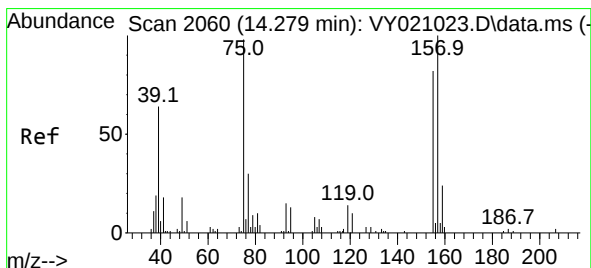
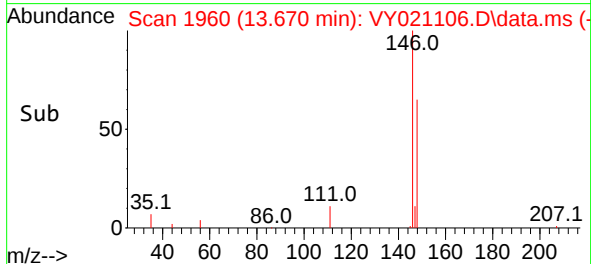
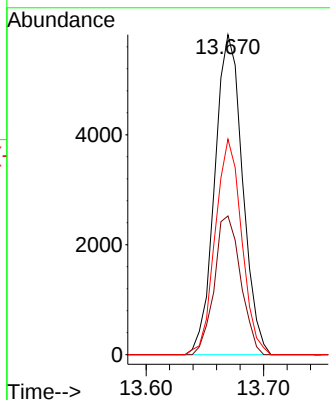
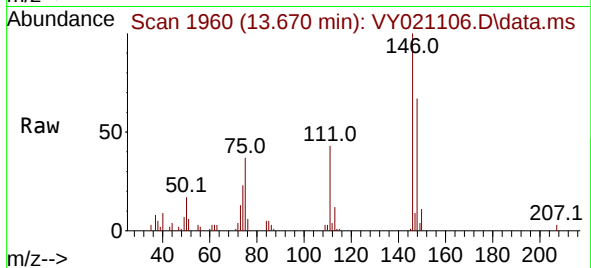
#91
1,2-Dichlorobenzene
Concen: 2.569 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:146 Resp: 959
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 63.9 31.4 94.3

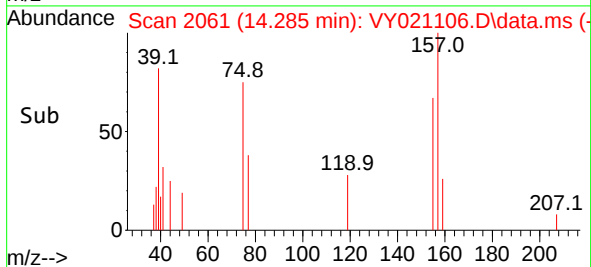
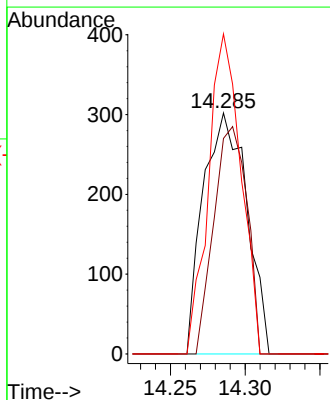
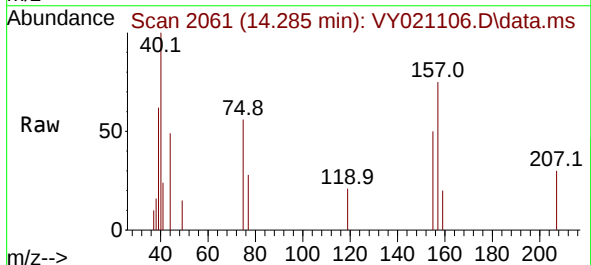
Manual Integrations
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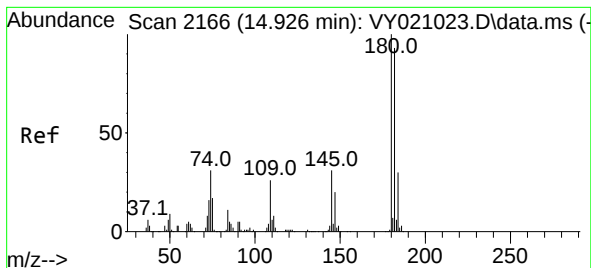
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.543 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

Tgt Ion: 75 Resp: 610
Ion Ratio Lower Upper
75 100
155 72.1 42.1 126.3
157 99.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 2.403 ug/l

RT: 14.932 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021106.D

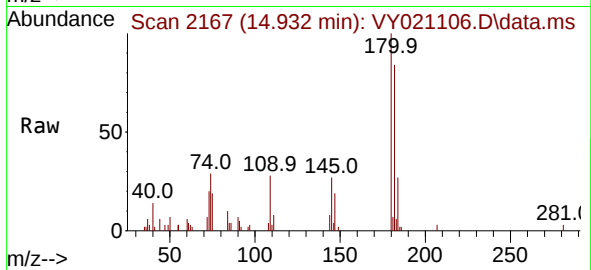
Acq: 06 Feb 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

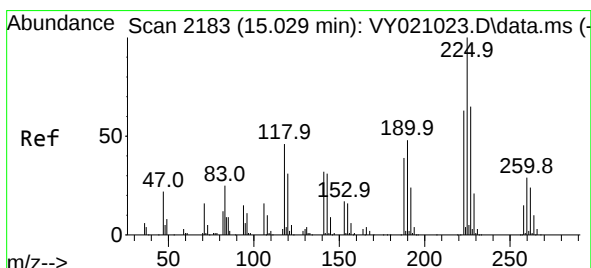
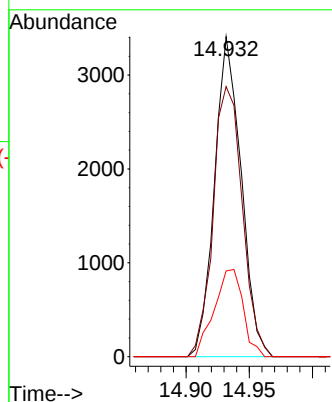
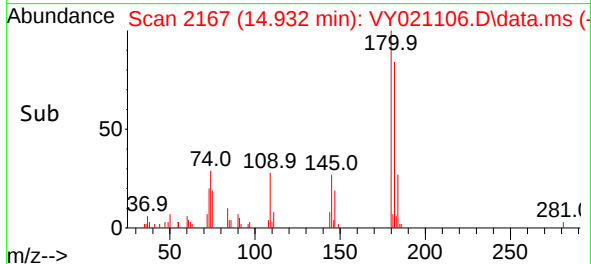


Tgt Ion:180	Resp:	499
Ion Ratio	Lower	Upper
180	100	
182	92.4	47.9 143.7
145	29.5	15.9 47.7

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 2.728 ug/l

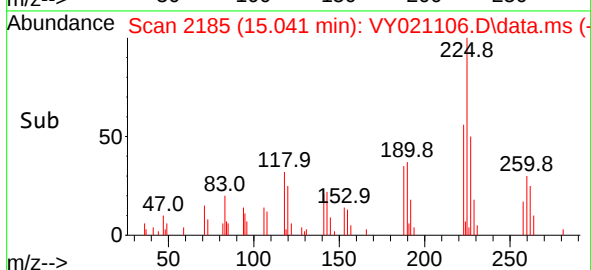
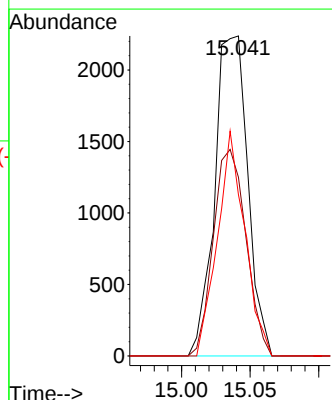
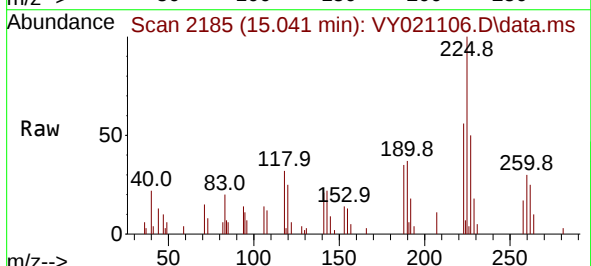
RT: 15.041 min Scan# 2185

Delta R.T. 0.012 min

Lab File: VY021106.D

Acq: 06 Feb 2025 12:08

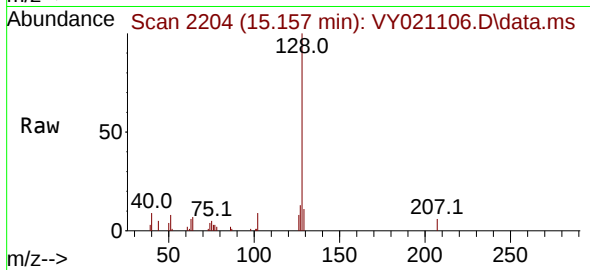
Tgt Ion:225	Resp:	3757
Ion Ratio	Lower	Upper
225	100	
223	63.6	31.4 94.3
227	58.1	32.3 96.8





#95
Naphthalene
Concen: 2.773 ug/l
RT: 15.157 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08

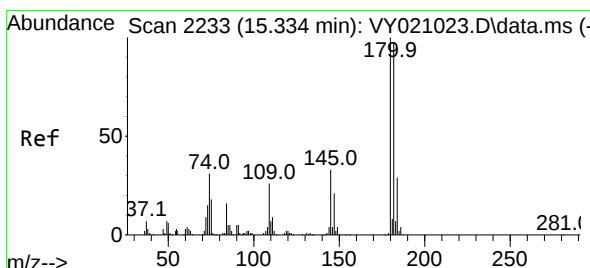
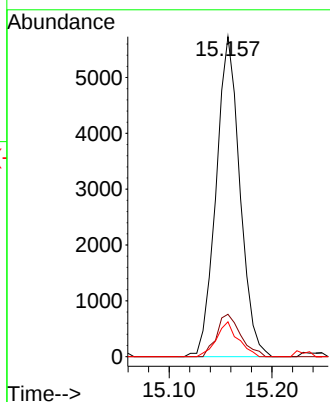
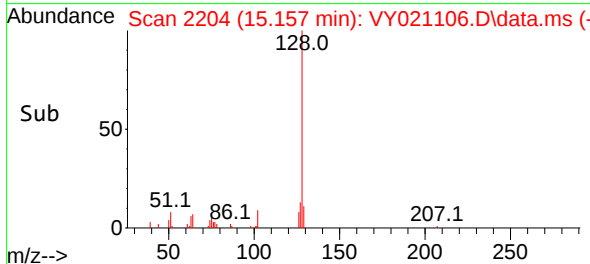
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



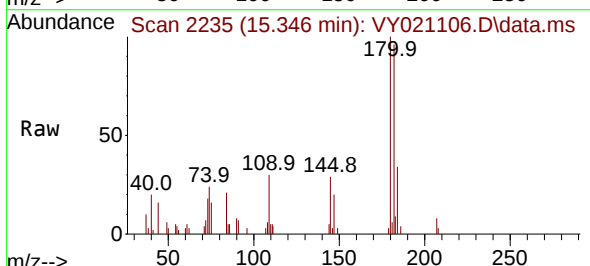
Tgt Ion:128 Resp: 9219
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 9.9 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.384 ug/l
RT: 15.346 min Scan# 2235
Delta R.T. 0.012 min
Lab File: VY021106.D
Acq: 06 Feb 2025 12:08



Tgt Ion:180 Resp: 4122
Ion Ratio Lower Upper
180 100
182 103.9 46.3 138.8
145 32.8 16.1 48.2

