

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021107.D
 Acq On : 06 Feb 2025 12:53
 Operator : SY/MD
 Sample : Q1168-01 4PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 07 02:30:06 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	7.713	168	204755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	277281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	131518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	107771	51.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.740%			
35) Dibromofluoromethane	7.640	113	103892	48.821	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.640%			
50) Toluene-d8	10.109	98	381779	47.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.240%			
62) 4-Bromofluorobenzene	12.408	95	125272	47.331	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	7460	4.088	ug/l	99
3) Chloromethane	2.074	50	8733	4.849	ug/l	98
4) Vinyl Chloride	2.208	62	8435	4.654	ug/l	100
5) Bromomethane	2.605	94	6067	5.416	ug/l	82
6) Chloroethane	2.739	64	5330	4.940	ug/l	96
7) Trichlorofluoromethane	3.062	101	14489	4.388	ug/l	96
8) Diethyl Ether	3.464	74	4738	4.596	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	9175	4.427	ug/l	99
10) Methyl Iodide	4.019	142	9018	3.917	ug/l	92
11) Tert butyl alcohol	4.879	59	4196	29.515	ug/l #	75
12) 1,1-Dichloroethene	3.800	96	8656	4.434	ug/l	97
13) Acrolein	3.659	56	5296	24.192	ug/l	98
14) Allyl chloride	4.391	41	14229	4.325	ug/l	98
15) Acrylonitrile	5.068	53	8674	20.206	ug/l	95
16) Acetone	3.879	43	7941	24.273	ug/l	91
17) Carbon Disulfide	4.117	76	26898	4.394	ug/l	98
18) Methyl Acetate	4.397	43	5347	4.656	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	21195	4.295	ug/l	97
20) Methylene Chloride	4.629	84	9343	4.594	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	9697	4.512	ug/l	93
22) Diisopropyl ether	6.031	45	27705	4.085	ug/l	99
23) Vinyl Acetate	5.964	43	75480	19.965	ug/l	99
24) 1,1-Dichloroethane	5.927	63	17335	4.363	ug/l	98
25) 2-Butanone	6.909	43	12172	22.641	ug/l	95
26) 2,2-Dichloropropane	6.890	77	16044	4.364	ug/l	97
27) cis-1,2-Dichloroethene	6.897	96	10578	4.276	ug/l	92
28) Bromochloromethane	7.256	49	8109	5.161	ug/l #	99
29) Tetrahydrofuran	7.281	42	7777	21.378	ug/l	93
30) Chloroform	7.427	83	17520	4.293	ug/l	100
31) Cyclohexane	7.707	56	18174	5.079	ug/l #	75
32) 1,1,1-Trichloroethane	7.622	97	15842	4.175	ug/l	98
36) 1,1-Dichloropropene	7.842	75	13009	4.127	ug/l	99
37) Ethyl Acetate	6.994	43	6341	4.586	ug/l	97
38) Carbon Tetrachloride	7.823	117	14382	3.905	ug/l	98
39) Methylcyclohexane	9.110	83	15023	3.897	ug/l	97
40) Benzene	8.085	78	37760	4.082	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	2331	2.914	ug/l #	78
42) 1,2-Dichloroethane	8.165	62	10945	4.266	ug/l	98
43) Isopropyl Acetate	8.207	43	10580	3.851	ug/l	99
44) Trichloroethene	8.872	130	9519	3.983	ug/l	98
45) 1,2-Dichloropropane	9.146	63	8845	4.029	ug/l	97
46) Dibromomethane	9.238	93	5188	4.268	ug/l	100
47) Bromodichloromethane	9.433	83	13391	4.108	ug/l	88
48) Methyl methacrylate	9.225	41	5111	4.084	ug/l	90
49) 1,4-Dioxane	9.232	88	1019	90.048	ug/l #	75
51) 4-Methyl-2-Pentanone	10.006	43	27036	19.568	ug/l	97
52) Toluene	10.176	92	23593	4.062	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	11052	3.775	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	13961	4.028	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	6598	4.192	ug/l	96
56) Ethyl methacrylate	10.445	69	7520	3.571	ug/l #	88
57) 1,3-Dichloropropane	10.719	76	11004	4.039	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	20869	20.831	ug/l	97
59) 2-Hexanone	10.768	43	16631	18.695	ug/l	94
60) Dibromochloromethane	10.914	129	9055	4.096	ug/l	96
61) 1,2-Dibromoethane	11.018	107	6163	4.180	ug/l	96
64) Tetrachloroethene	10.652	164	8626	4.191	ug/l	94
65) Chlorobenzene	11.445	112	25511	4.132	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.524	131	9038	4.119	ug/l	97
67) Ethyl Benzene	11.524	91	42208	3.865	ug/l	97
68) m/p-Xylenes	11.634	106	31260	7.652	ug/l	94
69) o-Xylene	11.957	106	14760	3.875	ug/l	98
70) Styrene	11.975	104	23682	3.730	ug/l	99
71) Bromoform	12.133	173	4835	3.959	ug/l #	93
73) Isopropylbenzene	12.261	105	39065	3.803	ug/l	100
74) N-amyl acetate	12.079	43	7881	3.509	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	7337	4.294	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	5182m	4.344	ug/l	
77) Bromobenzene	12.542	156	9795	4.132	ug/l	93
78) n-propylbenzene	12.603	91	47734	3.900	ug/l	98
79) 2-Chlorotoluene	12.682	91	27676	3.948	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	30685	3.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	2093	3.580	ug/l	90
82) 4-Chlorotoluene	12.786	91	28618	4.007	ug/l	100
83) tert-Butylbenzene	13.005	119	28633	3.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	29846	3.665	ug/l	96
85) sec-Butylbenzene	13.182	105	41187	3.779	ug/l	100
86) p-Isopropyltoluene	13.298	119	33283	3.676	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	18595	4.062	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	18261	4.052	ug/l	92
89) n-Butylbenzene	13.627	91	29113	3.525	ug/l	98
90) Hexachloroethane	13.883	117	7357	3.895	ug/l	87
91) 1,2-Dichlorobenzene	13.664	146	16175	4.071	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1083	4.242	ug/l	82
93) 1,2,4-Trichlorobenzene	14.926	180	8010	3.622	ug/l	98
94) Hexachlorobutadiene	15.029	225	5723	3.905	ug/l	97
95) Naphthalene	15.151	128	12124	3.427	ug/l	96
96) 1,2,3-Trichlorobenzene	15.334	180	6574	3.572	ug/l	96

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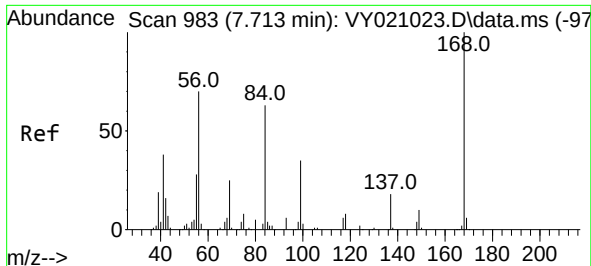
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/07/2025

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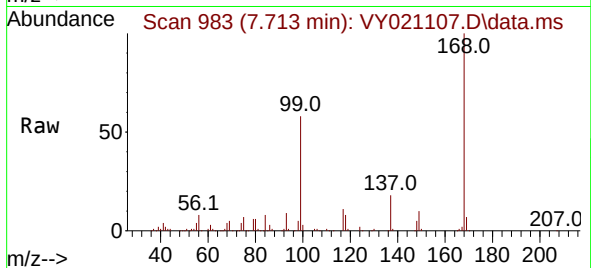
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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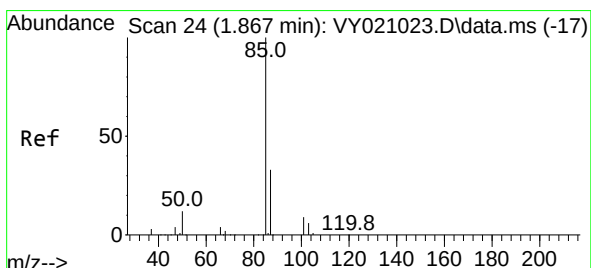
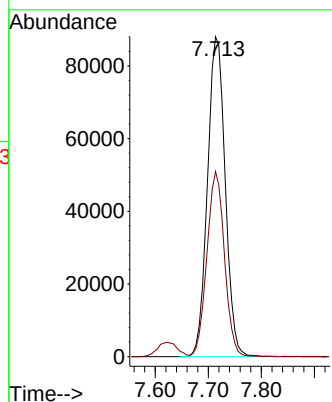
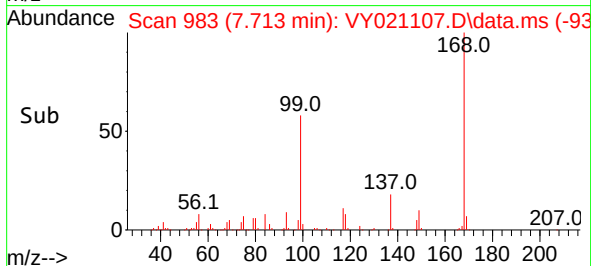
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:168 Resp: 20475
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4

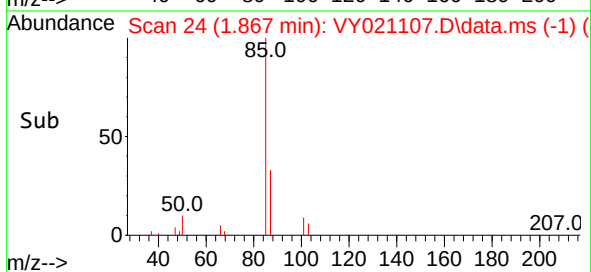
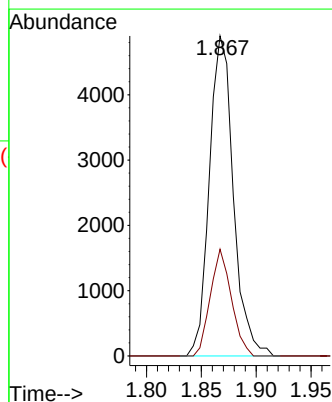
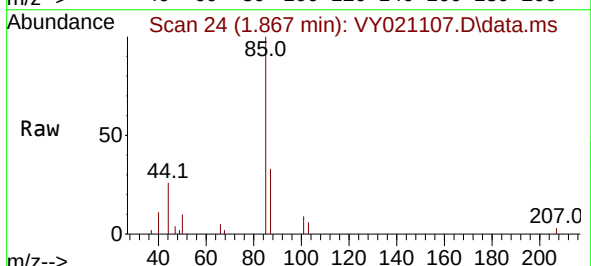
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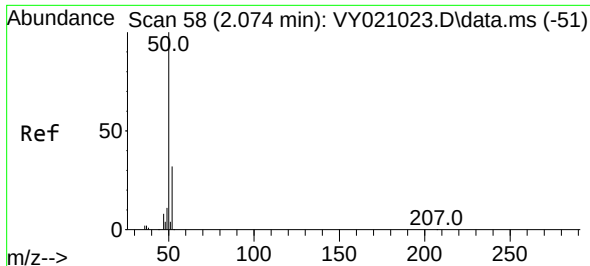
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#2
Dichlorodifluoromethane
Concen: 4.088 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

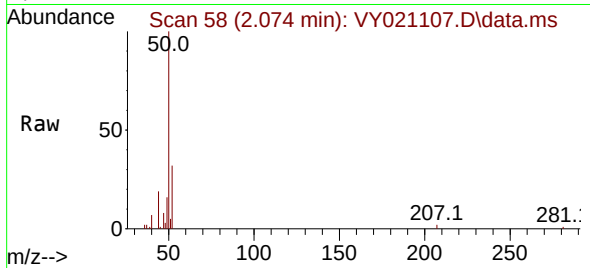
Tgt Ion: 85 Resp: 7460
Ion Ratio Lower Upper
85 100
87 33.4 17.1 51.3





#3
Chloromethane
Concen: 4.849 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

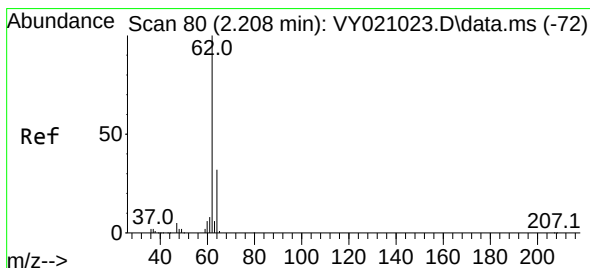
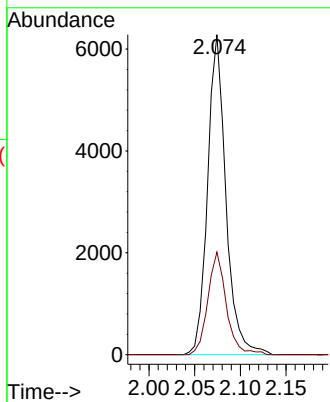
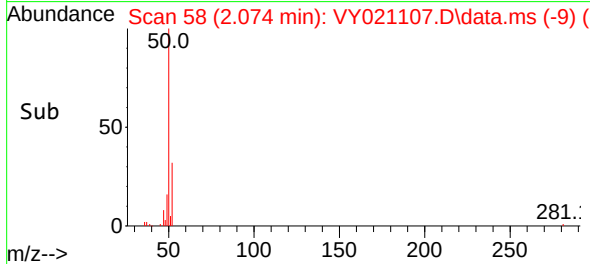
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Tgt Ion: 50 Resp: 873
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1

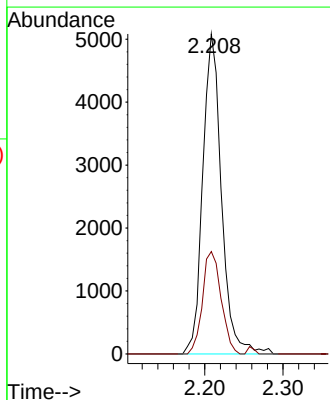
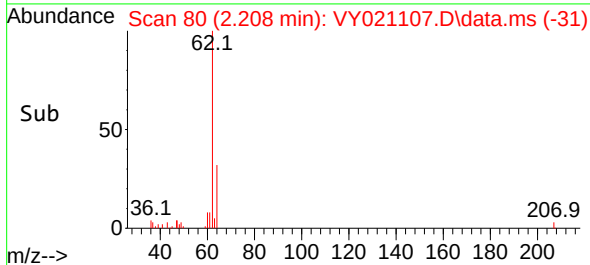
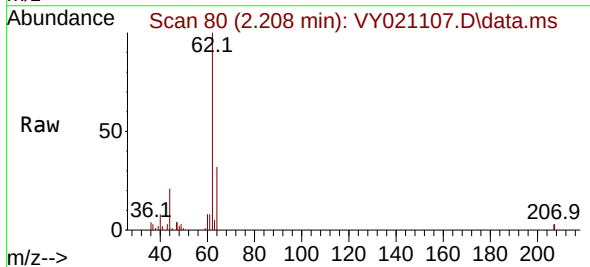
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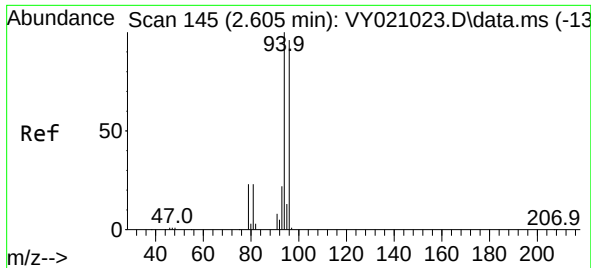
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#4
Vinyl Chloride
Concen: 4.654 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

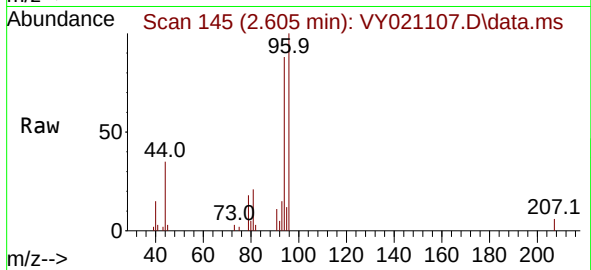
Tgt Ion: 62 Resp: 8435
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





#5
Bromomethane
Concen: 5.416 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021107.D
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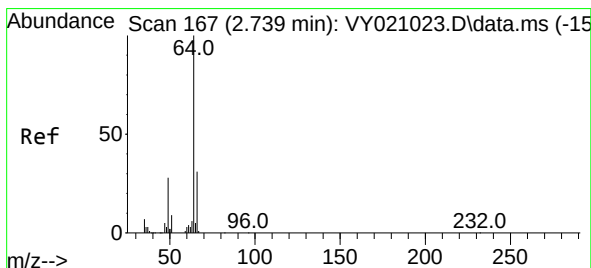
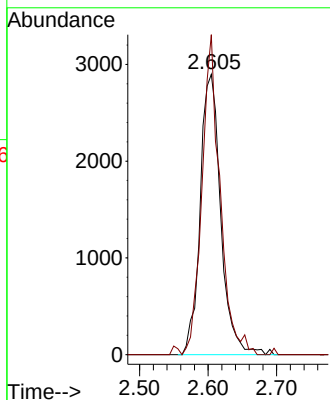
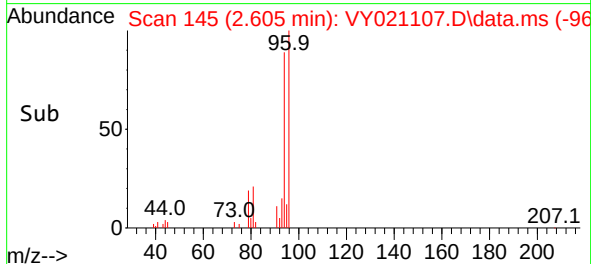
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Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 114.2 77.3 115.9

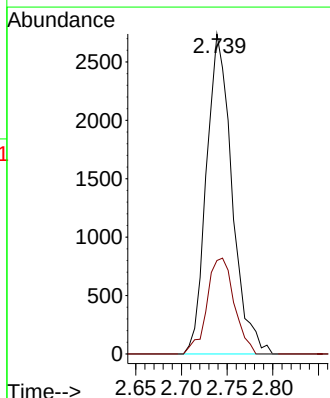
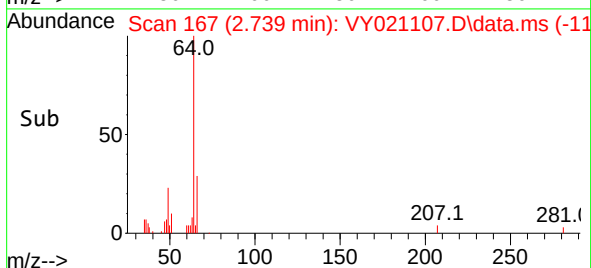
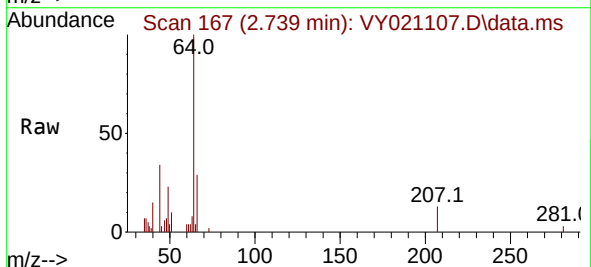
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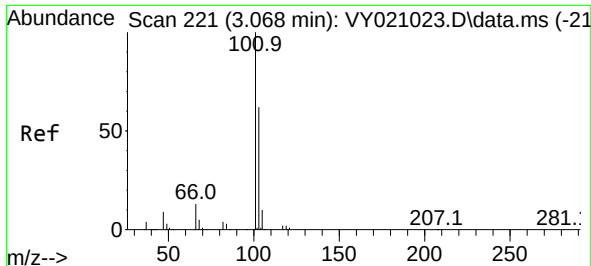
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#6
Chloroethane
Concen: 4.940 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021107.D
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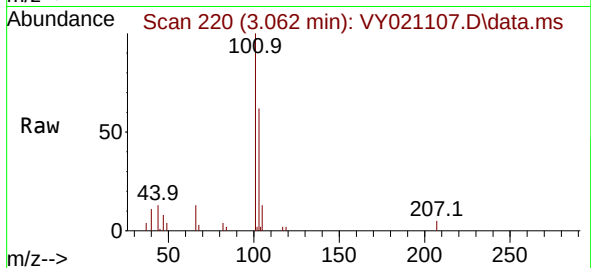
Tgt Ion: 64 Resp: 5330
Ion Ratio Lower Upper
64 100
66 29.2 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 4.388 ug/l
 RT: 3.062 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53

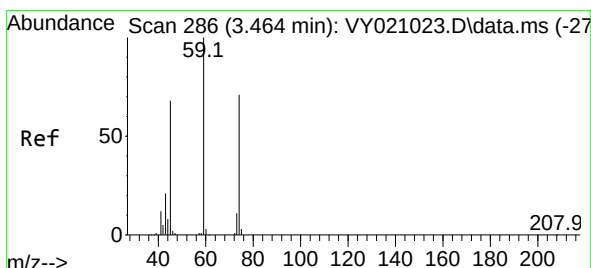
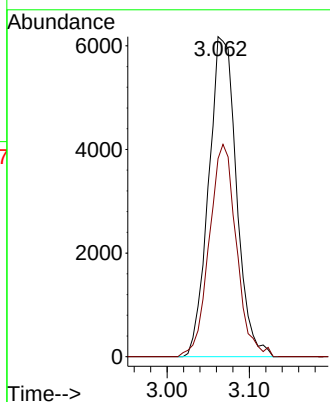
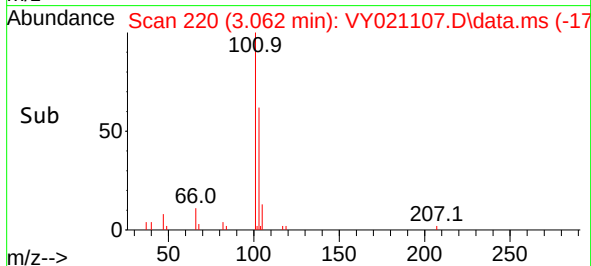
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:101 Resp: 14489
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.9 77.9

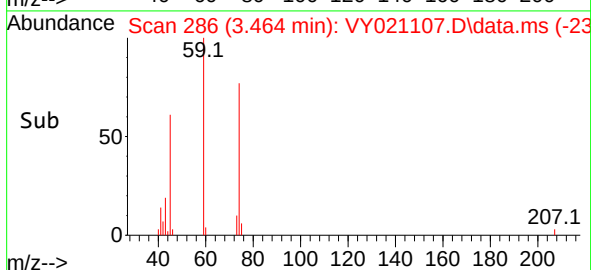
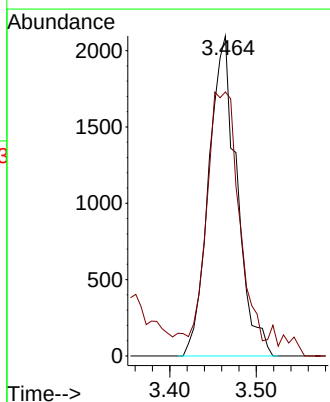
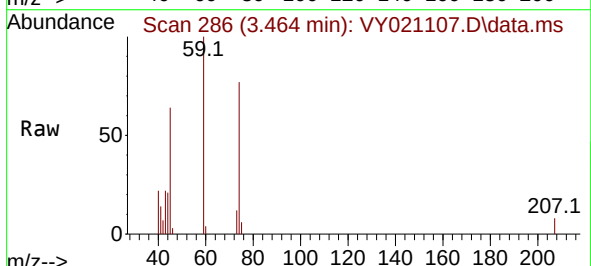
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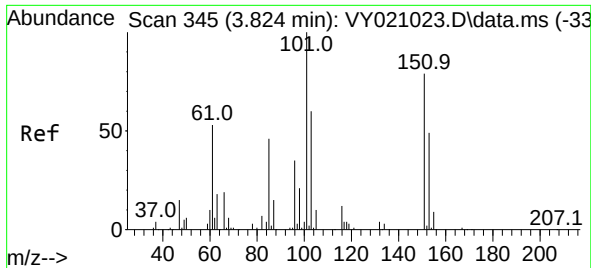
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#8
 Diethyl Ether
 Concen: 4.596 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53

Tgt Ion: 74 Resp: 4738
 Ion Ratio Lower Upper
 74 100
 45 87.4 47.9 143.7





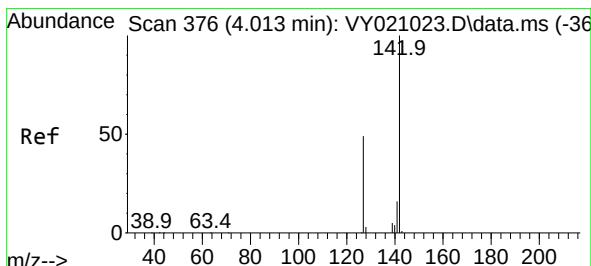
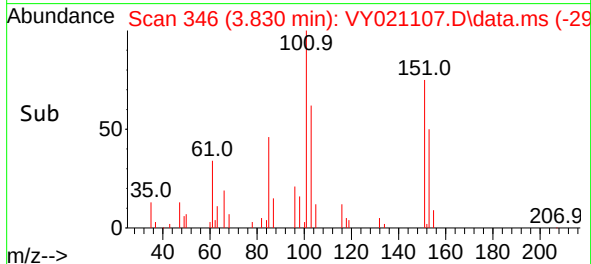
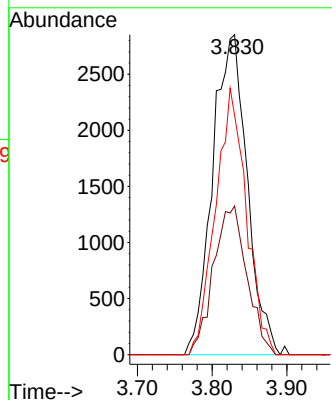
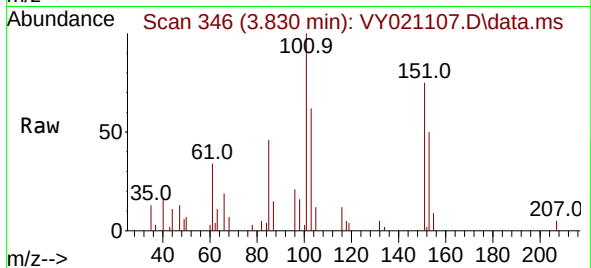
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.427 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion:101 Resp: 917
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 74.5 58.6 88.0

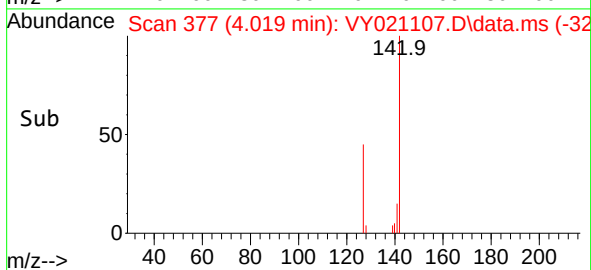
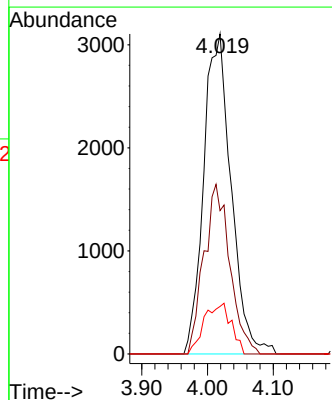
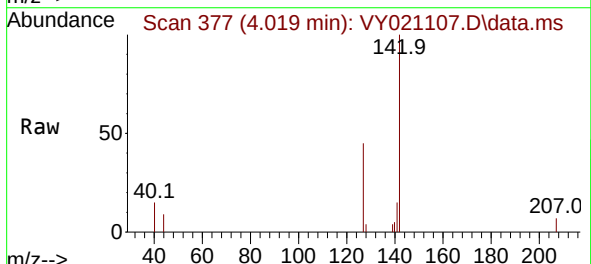
Manual Integrations
APPROVED

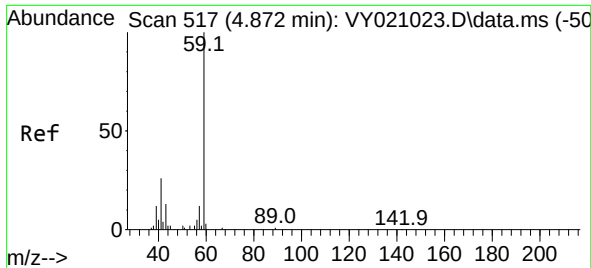
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#10
Methyl Iodide
Concen: 3.917 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

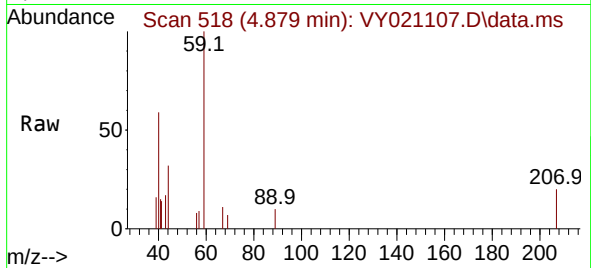
Tgt Ion:142 Resp: 9018
Ion Ratio Lower Upper
142 100
127 50.0 35.1 52.7
141 15.5 11.8 17.6





#11
Tert butyl alcohol
Concen: 29.515 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

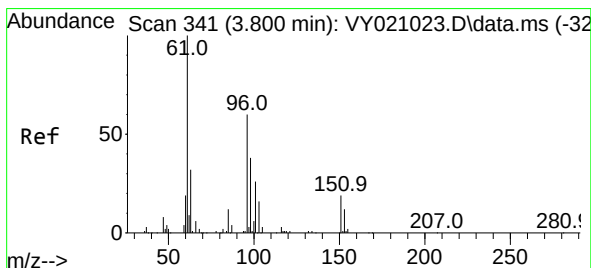
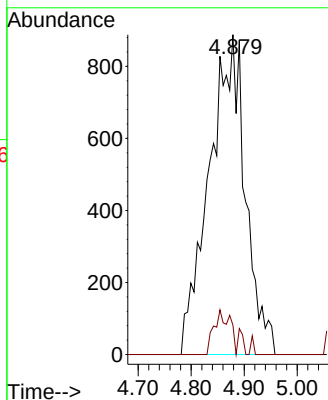
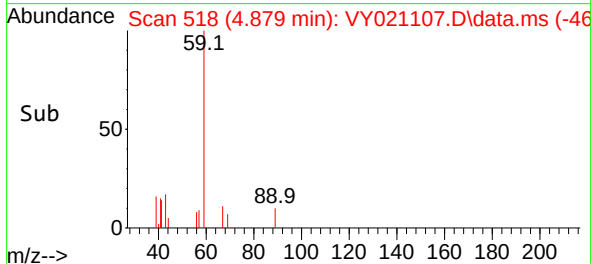
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



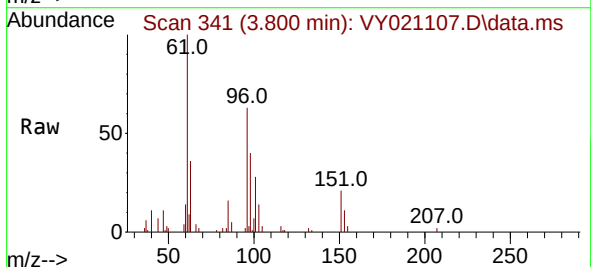
Tgt Ion: 59 Resp: 4190
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0

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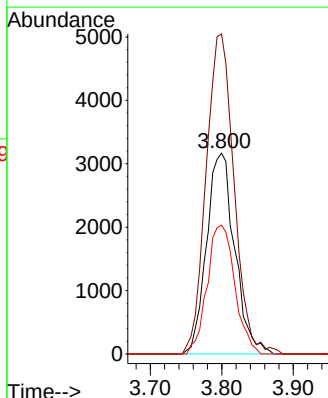
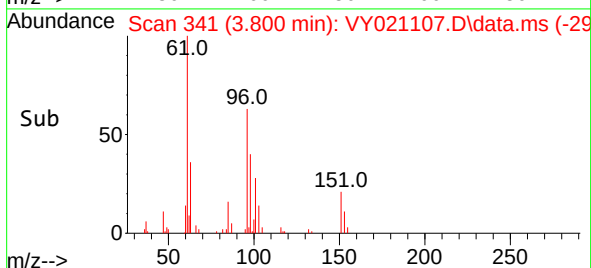
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

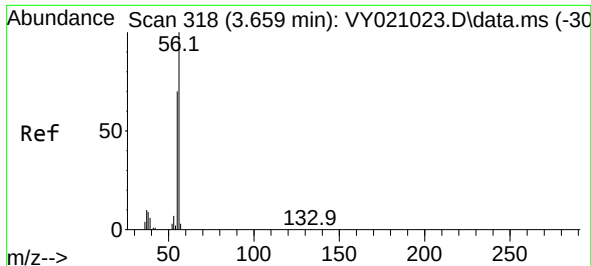


#12
1,1-Dichloroethene
Concen: 4.434 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53



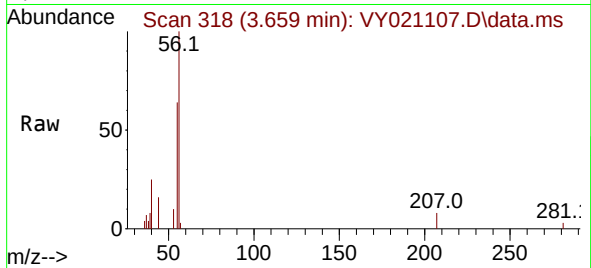
Tgt Ion: 96 Resp: 8656
Ion Ratio Lower Upper
96 100
61 159.3 124.2 186.2
98 64.1 52.6 79.0





#13
Acrolein
Concen: 24.192 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

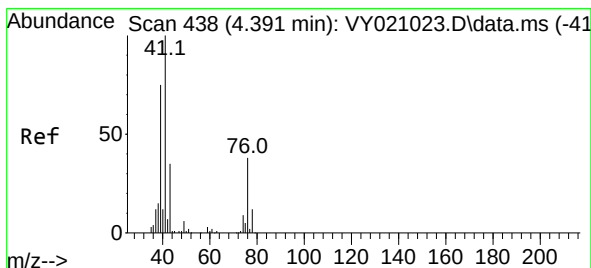
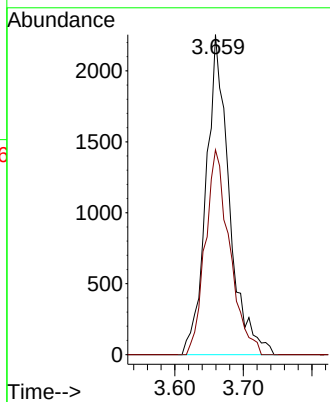
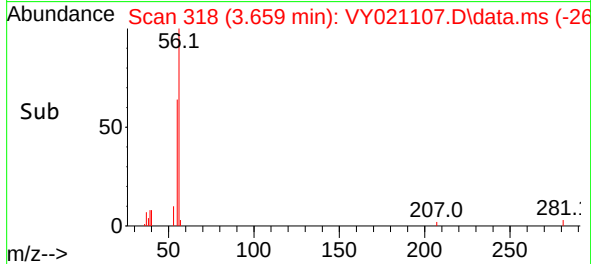
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 56 Resp: 5290
Ion Ratio Lower Upper
56 100
55 67.4 55.4 83.0

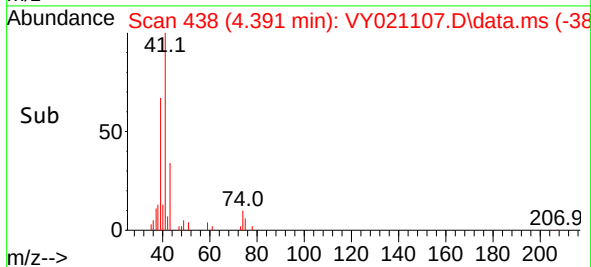
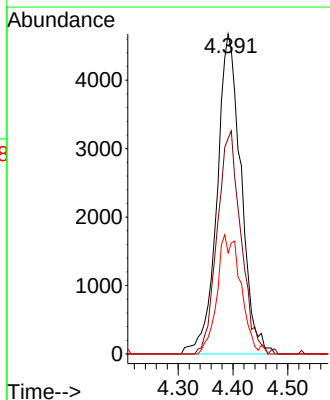
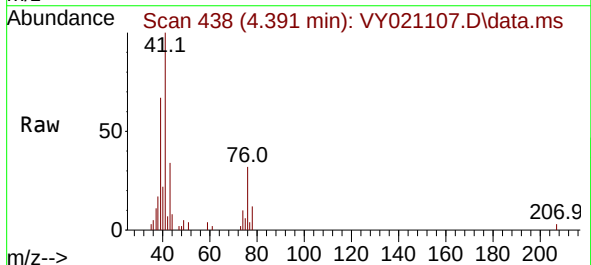
Manual Integrations
APPROVED

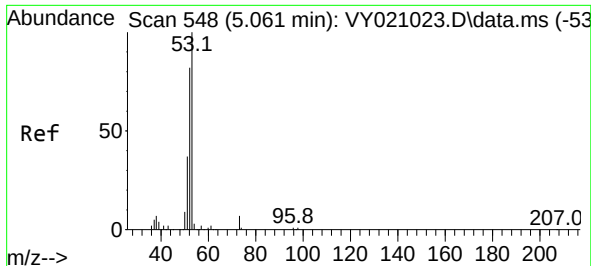
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#14
Allyl chloride
Concen: 4.325 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

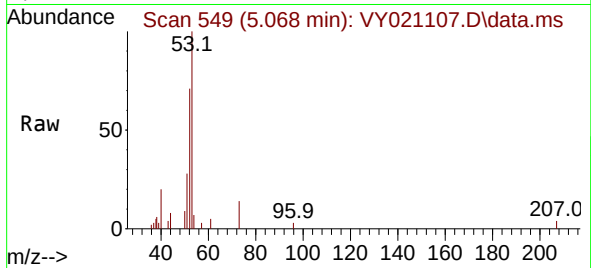
Tgt Ion: 41 Resp: 14229
Ion Ratio Lower Upper
41 100
39 68.7 54.7 82.1
76 37.0 31.8 47.6





#15
Acrylonitrile
Concen: 20.206 ug/l
RT: 5.068 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

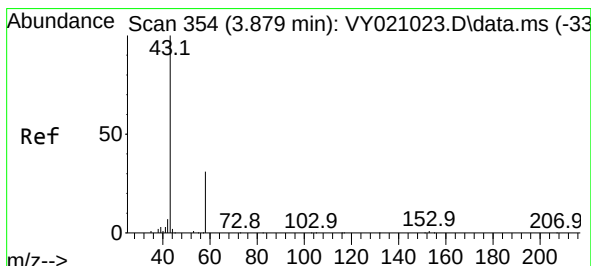
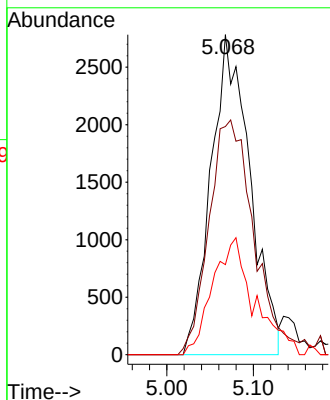
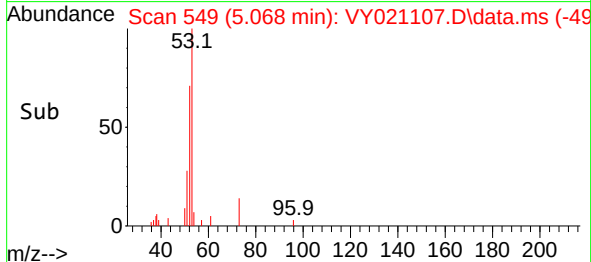
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 53 Resp: 8674
Ion Ratio Lower Upper
53 100
52 86.2 65.1 97.7
51 39.4 29.0 43.4

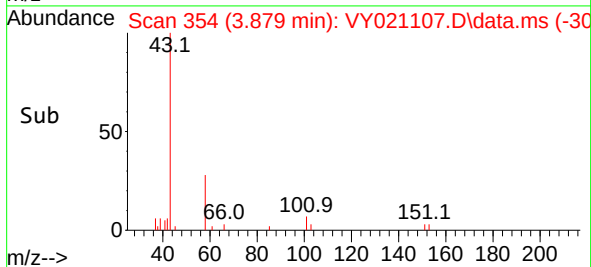
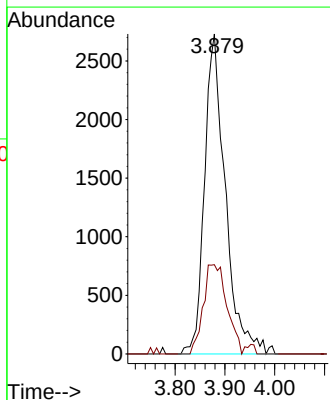
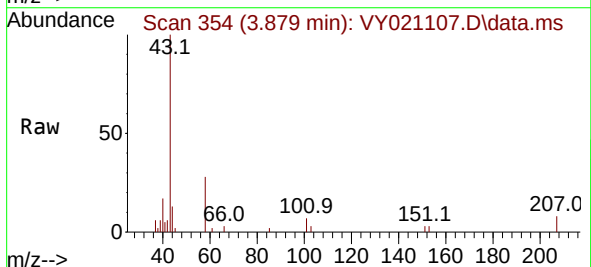
Manual Integrations
APPROVED

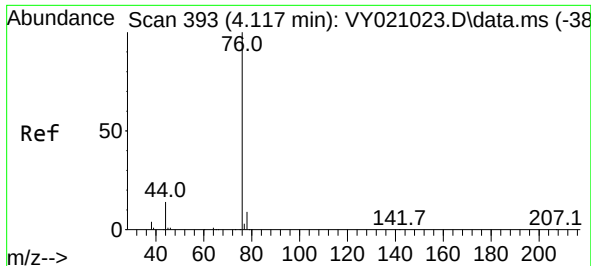
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#16
Acetone
Concen: 24.273 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

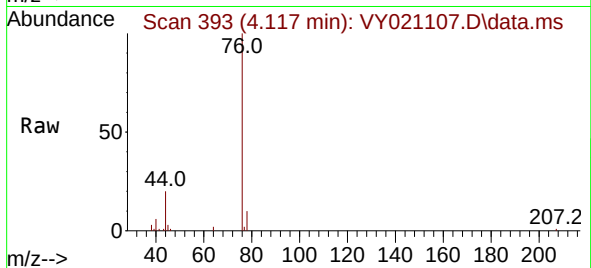
Tgt Ion: 43 Resp: 7941
Ion Ratio Lower Upper
43 100
58 27.9 26.6 39.8





#17
Carbon Disulfide
Concen: 4.394 ug/l
RT: 4.117 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

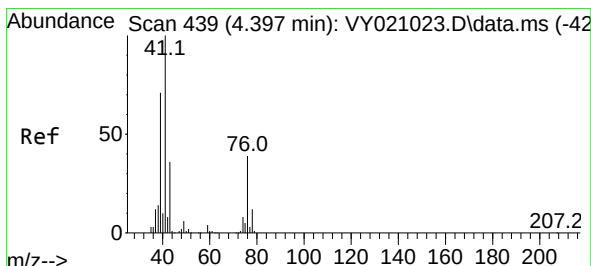
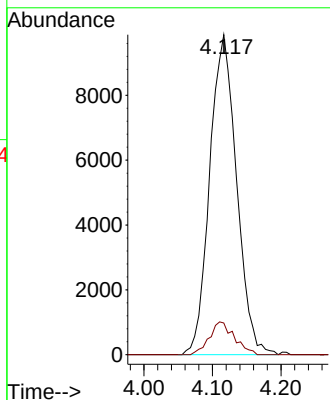
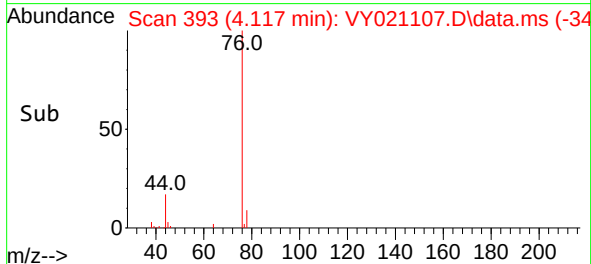
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



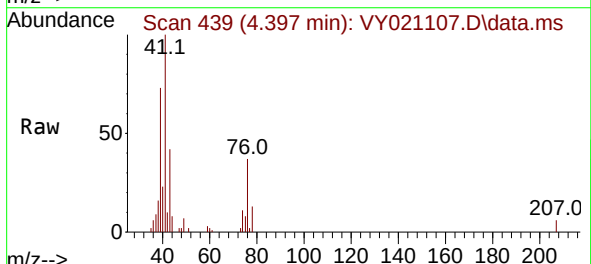
Tgt Ion: 76 Resp: 2689
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

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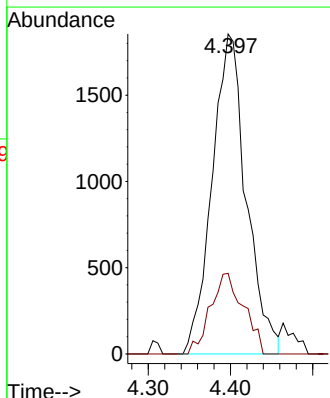
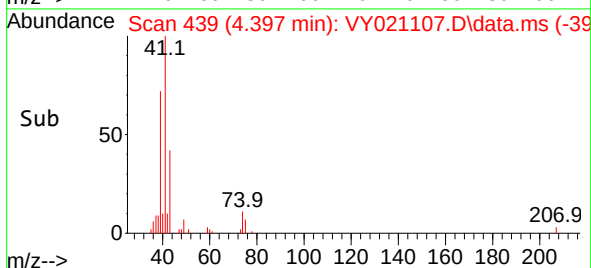
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

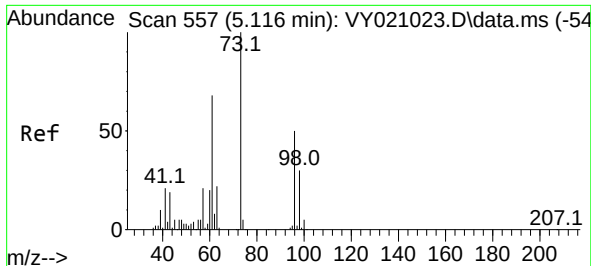


#18
Methyl Acetate
Concen: 4.656 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53



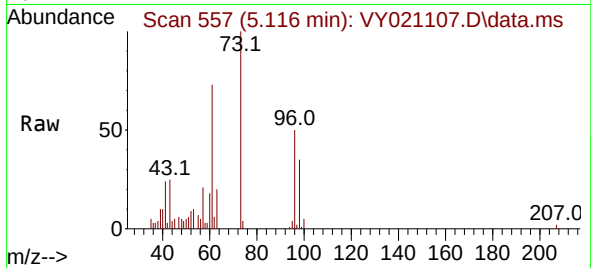
Tgt Ion: 43 Resp: 5347
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 4.295 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

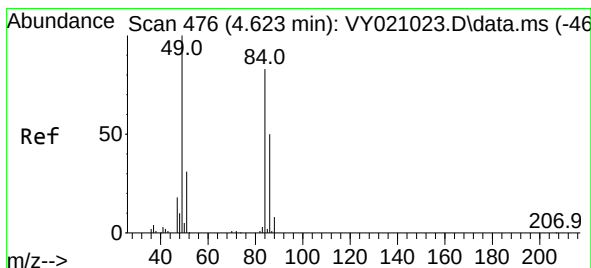
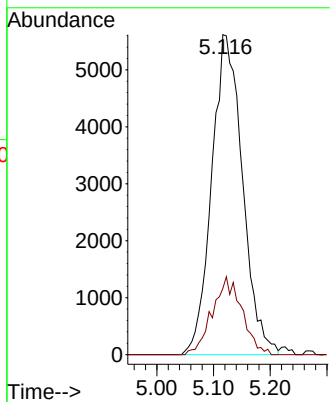
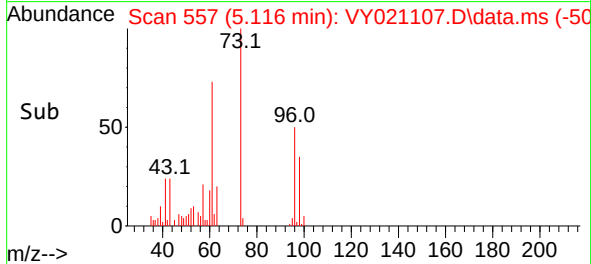
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 73 Resp: 2119
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5

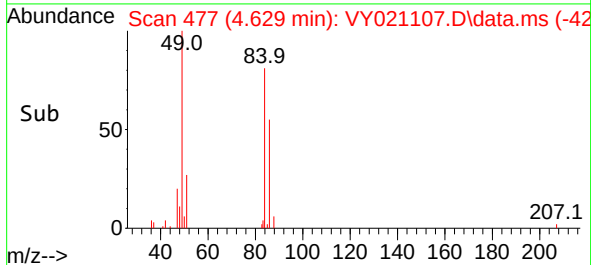
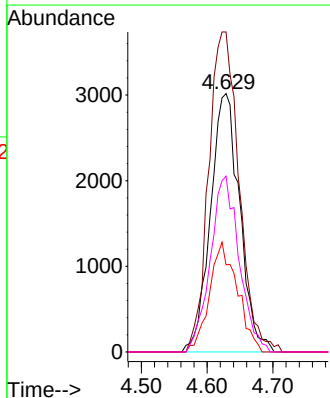
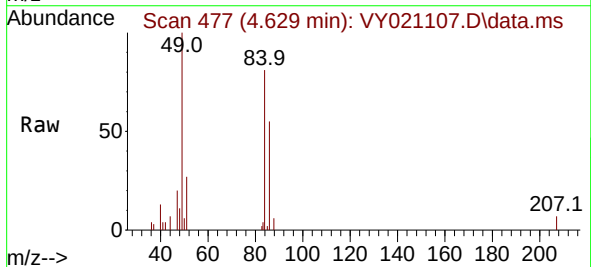
Manual Integrations
APPROVED

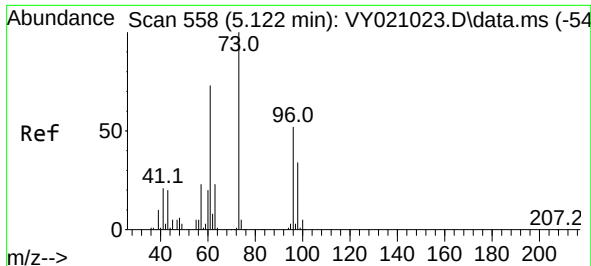
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#20
Methylene Chloride
Concen: 4.594 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

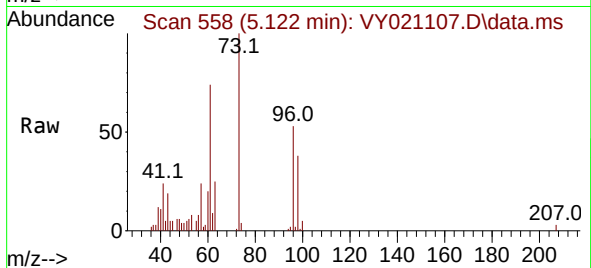
Tgt Ion: 84 Resp: 9343
Ion Ratio Lower Upper
84 100
49 123.9 95.2 142.8
51 33.8 29.9 44.9
86 68.1 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 4.512 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

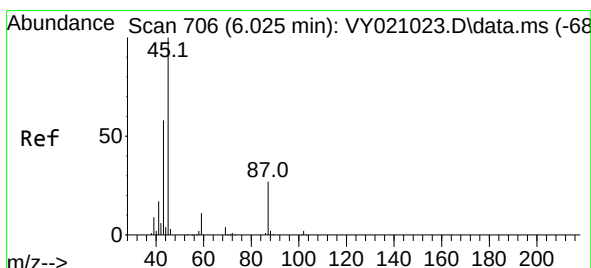
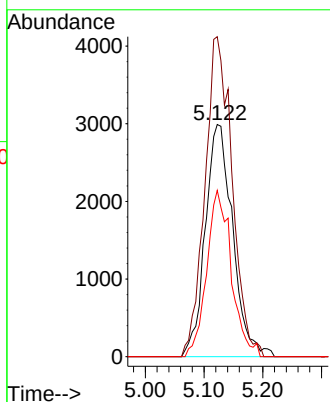
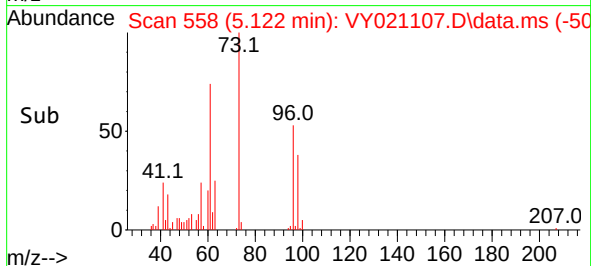
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



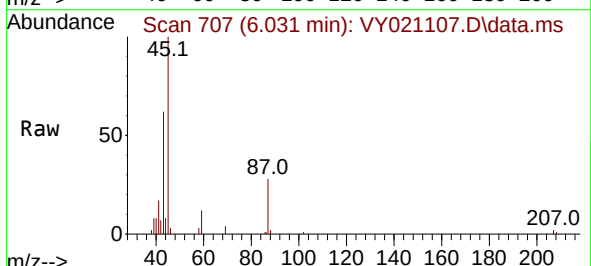
Tgt Ion: 96 Resp: 969
Ion Ratio Lower Upper
96 100
61 137.9 104.6 156.8
98 71.6 50.9 76.3

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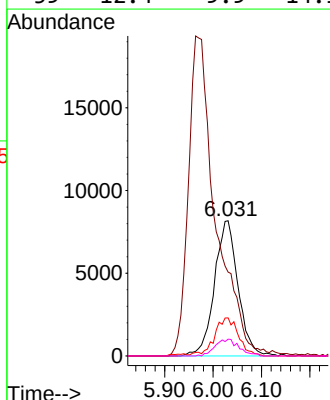
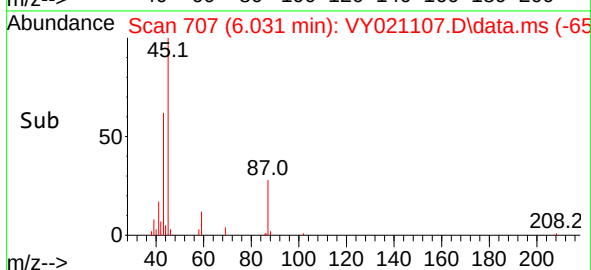
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

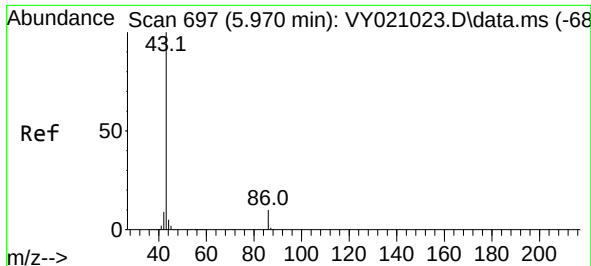


#22
Diisopropyl ether
Concen: 4.085 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53



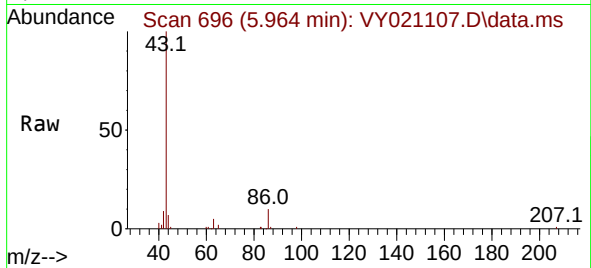
Tgt Ion: 45 Resp: 27705
Ion Ratio Lower Upper
45 100
43 59.9 46.8 70.2
87 28.2 22.2 33.2
59 12.4 9.9 14.9





#23
 Vinyl Acetate
 Concen: 19.965 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53

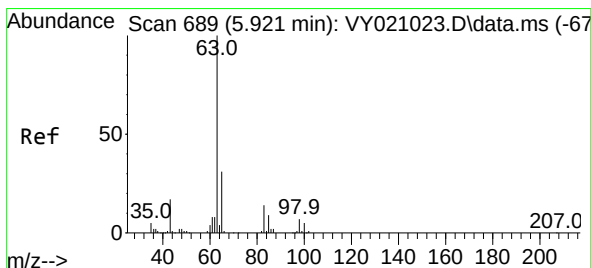
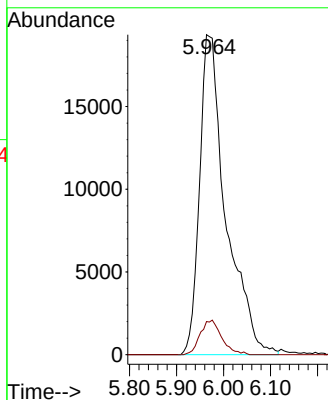
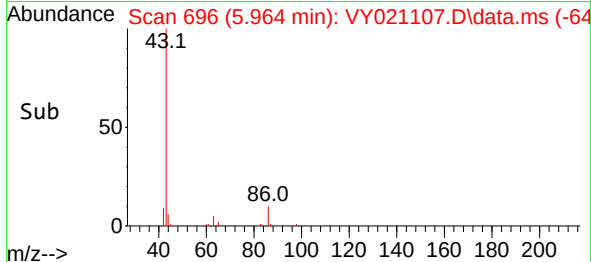
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



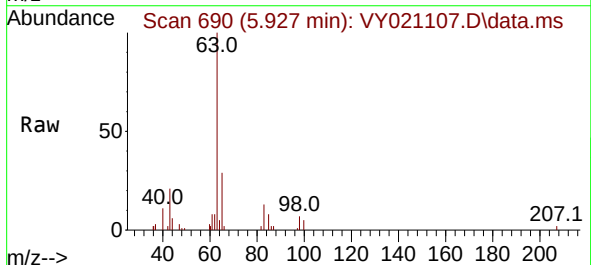
Tgt Ion: 43 Resp: 75480
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0

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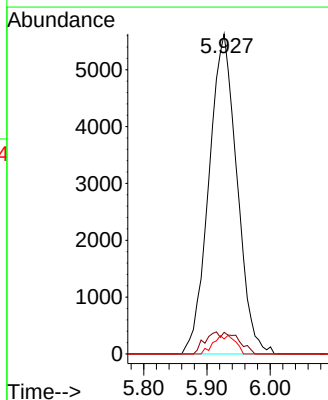
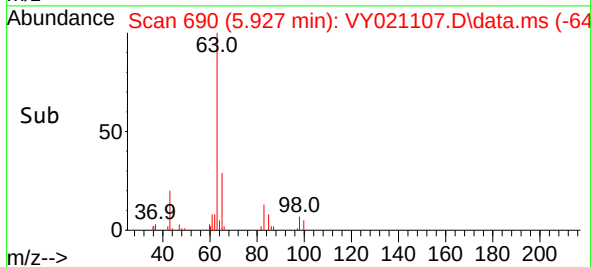
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

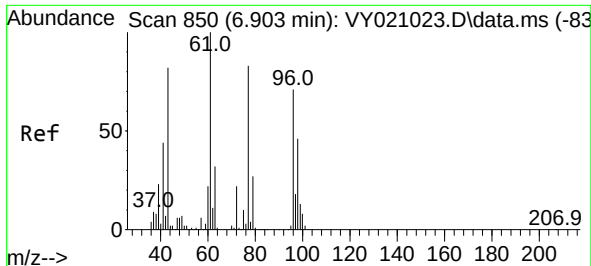


#24
 1,1-Dichloroethane
 Concen: 4.363 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53



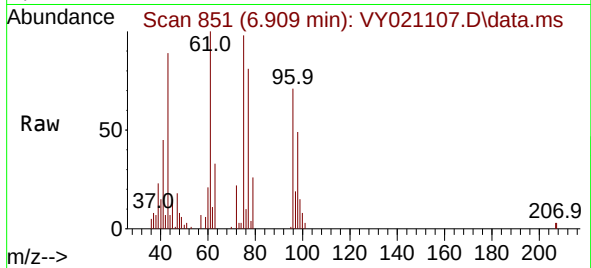
Tgt Ion: 63 Resp: 17335
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.7 2.1 6.2





#25
2-Butanone
Concen: 22.641 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

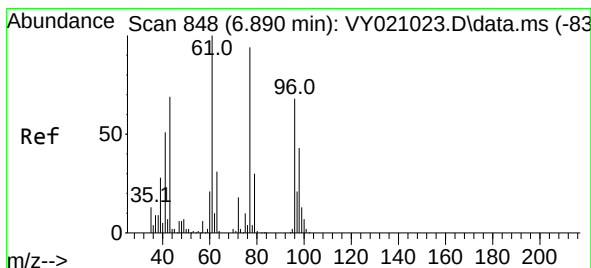
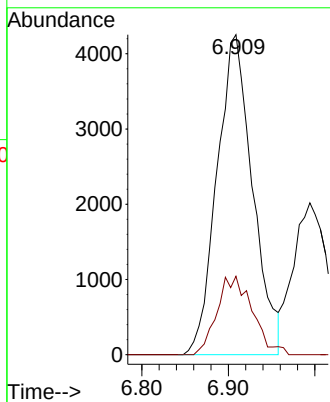
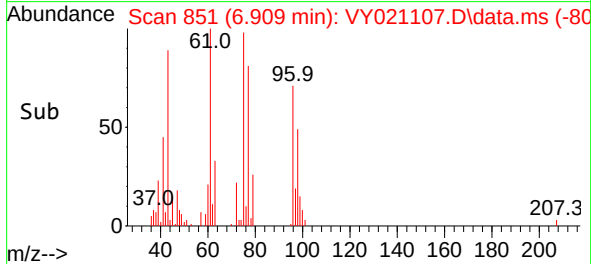
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
72 24.5 21.4 32.2

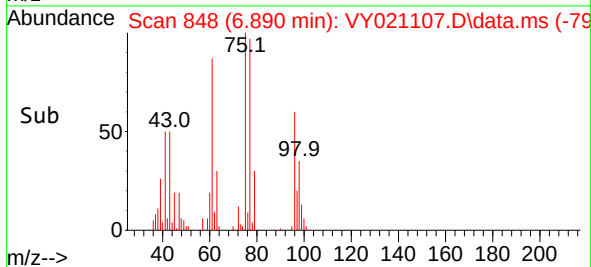
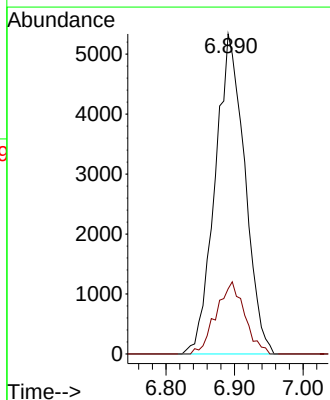
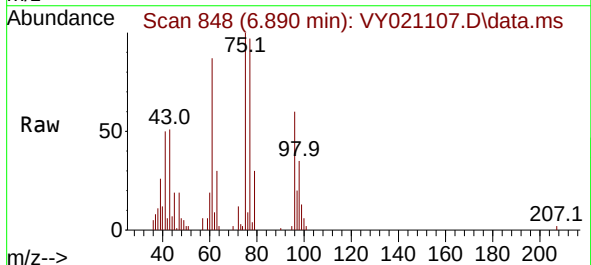
Manual Integrations
APPROVED

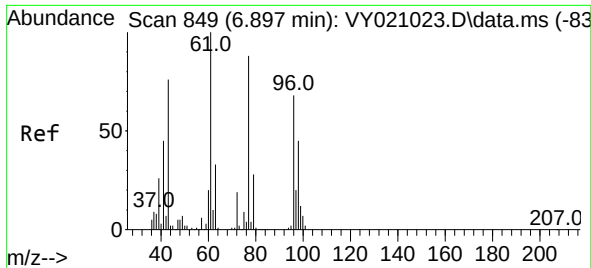
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#26
2,2-Dichloropropane
Concen: 4.364 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

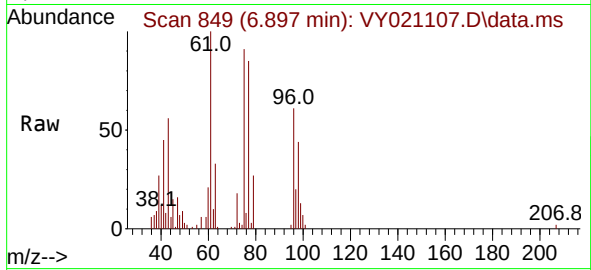
Tgt Ion: 77 Resp: 16044
Ion Ratio Lower Upper
77 100
97 21.7 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 4.276 ug/l
 RT: 6.897 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53

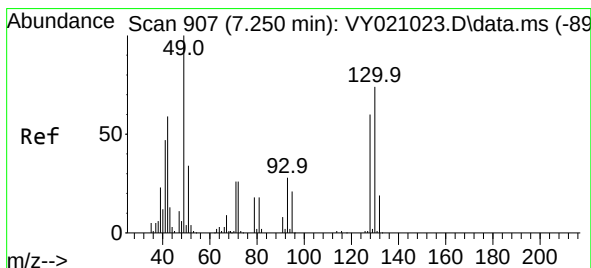
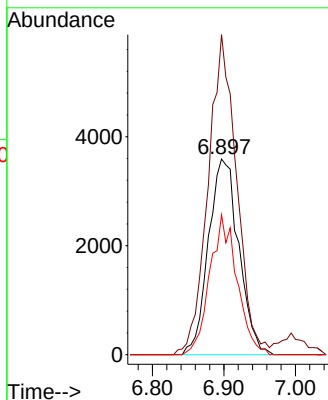
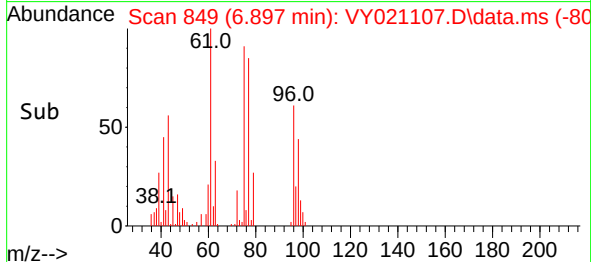
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 96 Resp: 10578
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 278.8
 98 64.1 0.0 127.0

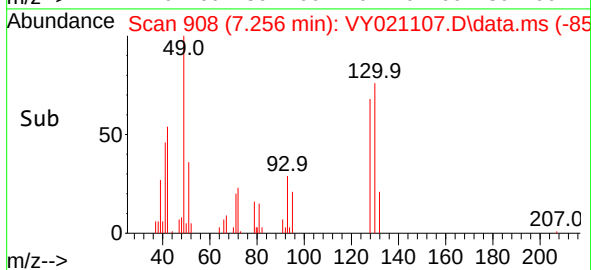
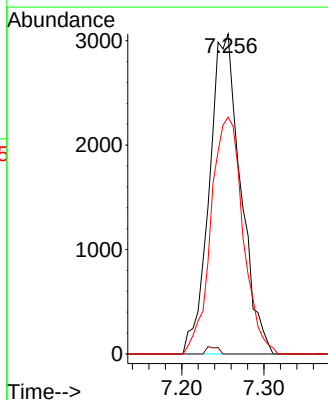
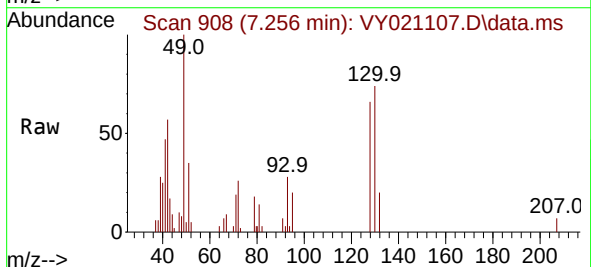
Manual Integrations
 APPROVED

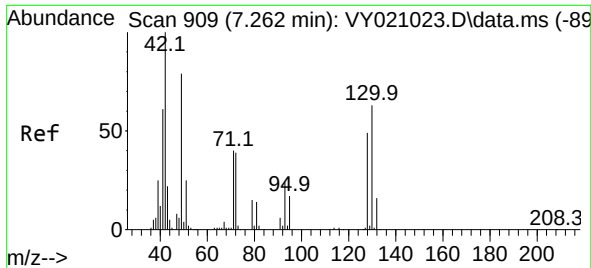
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#28
 Bromochloromethane
 Concen: 5.161 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53

Tgt Ion: 49 Resp: 8109
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 75.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 21.378 ug/l

RT: 7.281 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

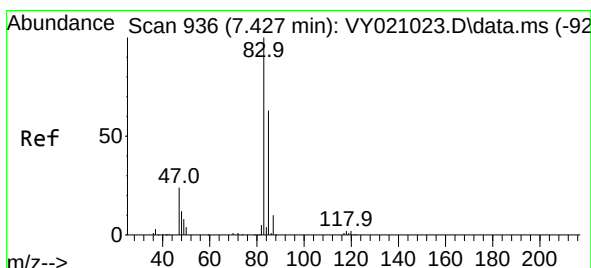
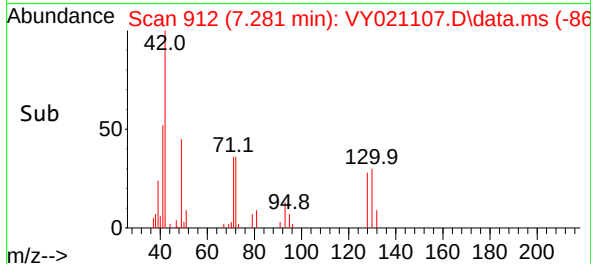
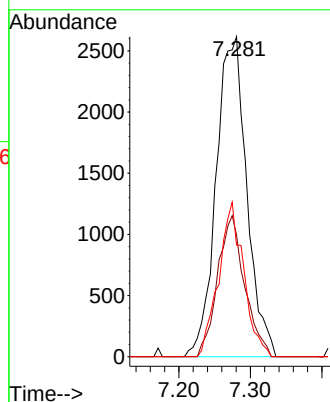
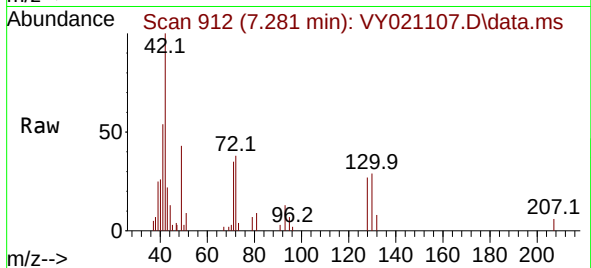
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:	42	Resp:	777
Ion Ratio	Lower	Upper	
42	100		
72	39.1	36.6	54.8
71	39.5	33.8	50.6

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 4.293 ug/l

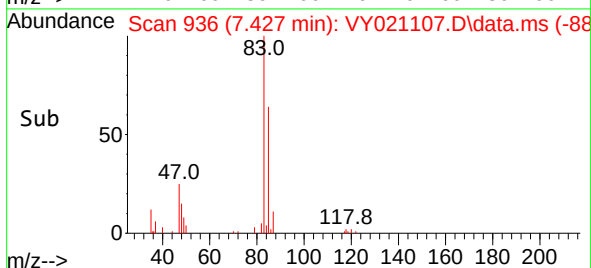
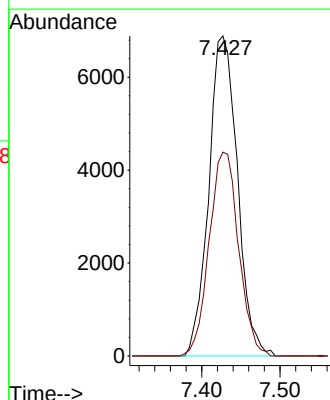
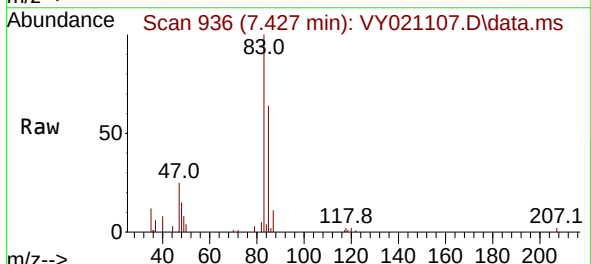
RT: 7.427 min Scan# 936

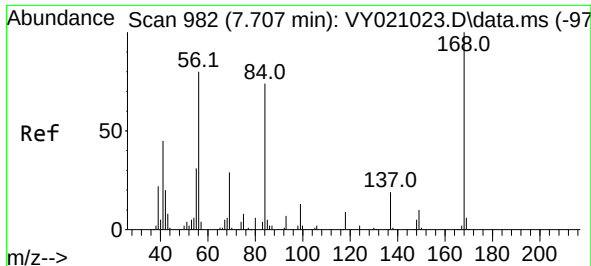
Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

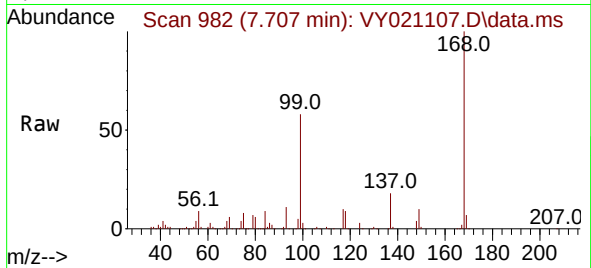
Tgt Ion:	83	Resp:	17520
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.2	76.8





#31
Cyclohexane
Concen: 5.079 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

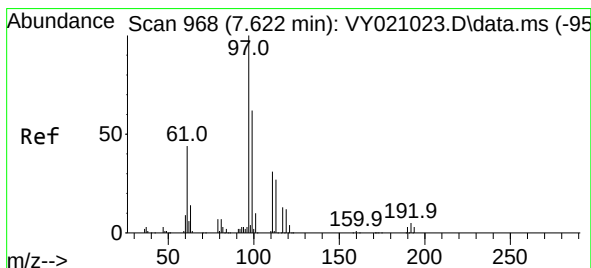
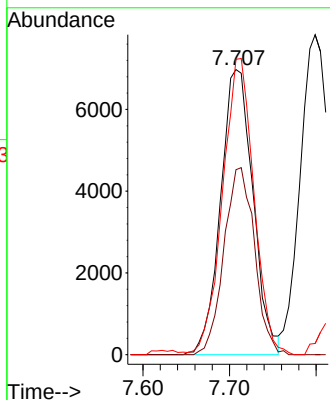
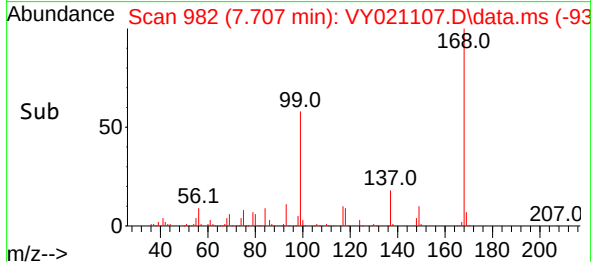
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 56 Resp: 18174
Ion Ratio Lower Upper
56 100
69 64.9 27.0 40.6
84 102.8 71.8 107.6

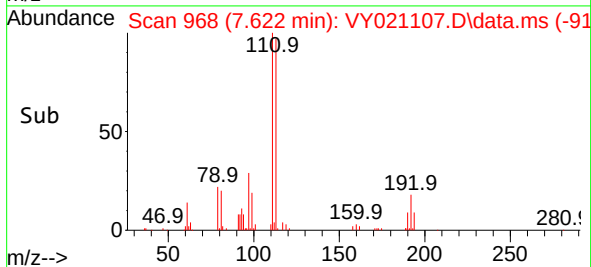
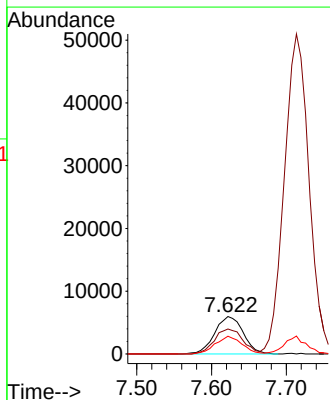
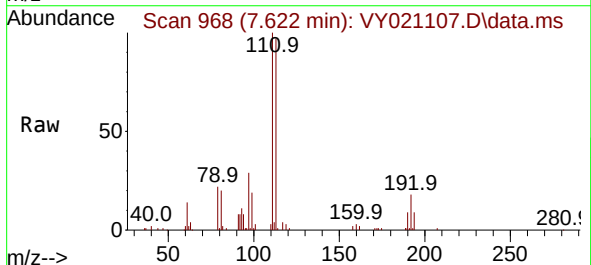
Manual Integrations
APPROVED

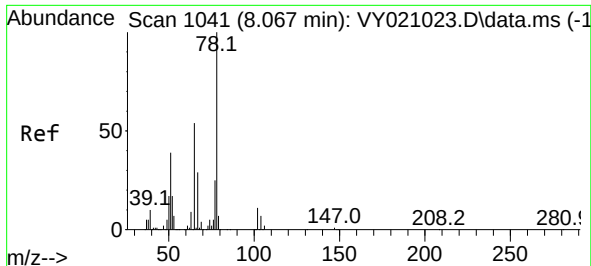
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#32
1,1,1-Trichloroethane
Concen: 4.175 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion: 97 Resp: 15842
Ion Ratio Lower Upper
97 100
99 66.7 51.2 76.8
61 44.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.371 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021107.D

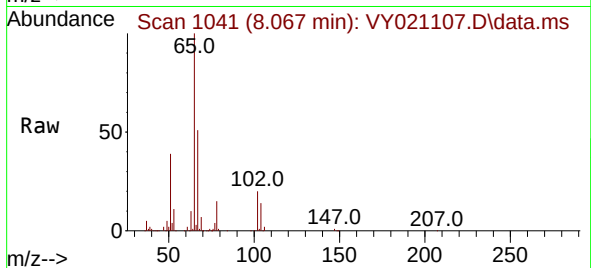
Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 65 Resp: 10777

Ion Ratio Lower Upper

65 100

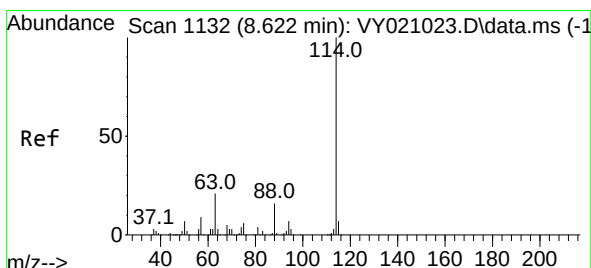
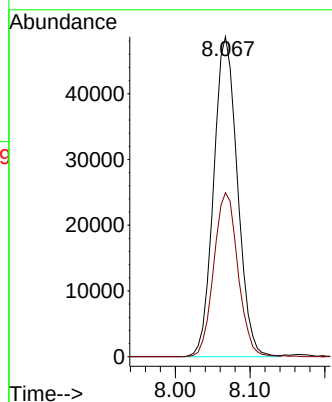
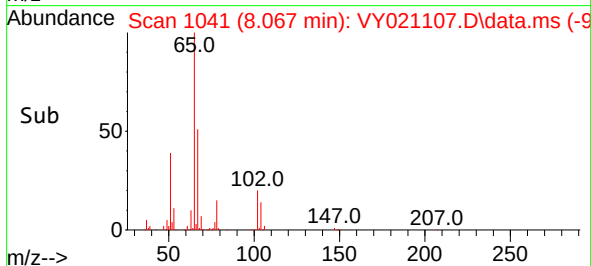
67 52.0 0.0 109.0

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: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

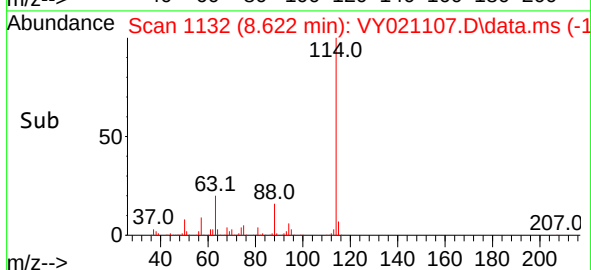
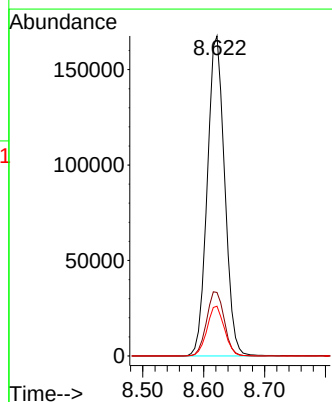
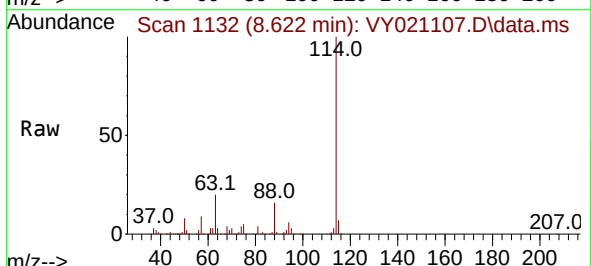
Tgt Ion:114 Resp: 332053

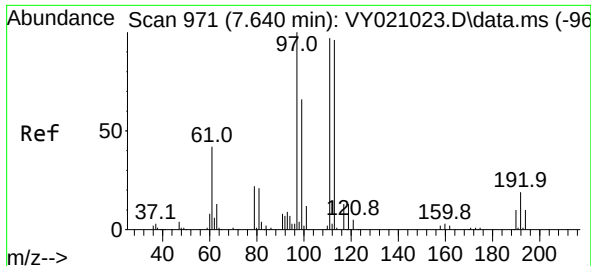
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

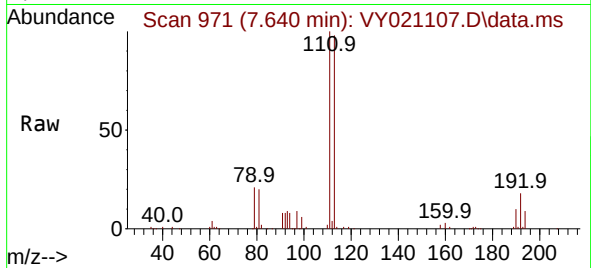
88 15.6 0.0 29.0





#35
Dibromofluoromethane
Concen: 48.821 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

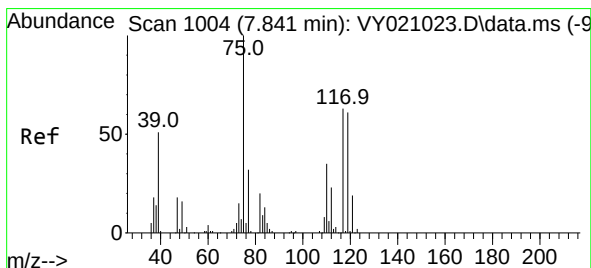
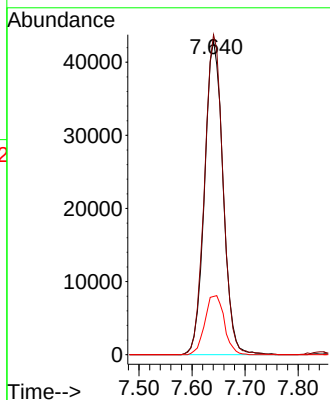
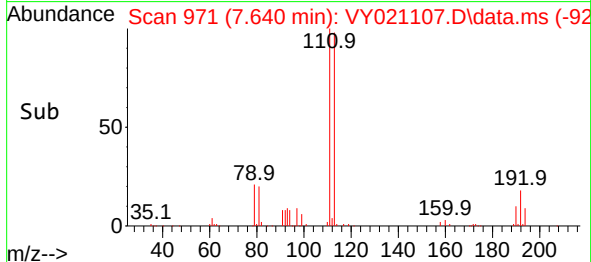
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



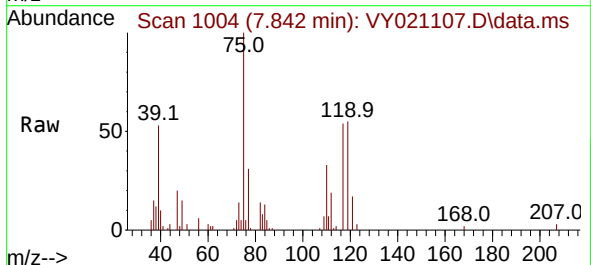
Tgt Ion:113 Resp: 103892
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 19.9 14.5 21.7

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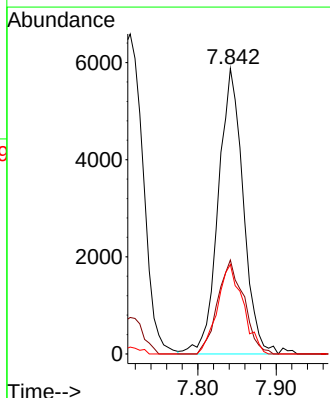
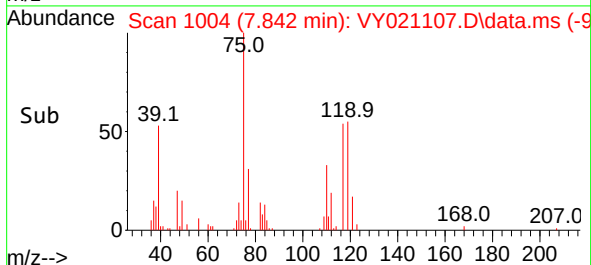
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

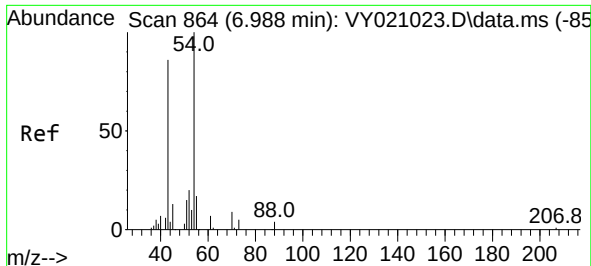


#36
1,1-Dichloropropene
Concen: 4.127 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53



Tgt Ion: 75 Resp: 13009
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 4.586 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.006 min

Lab File: VY021107.D

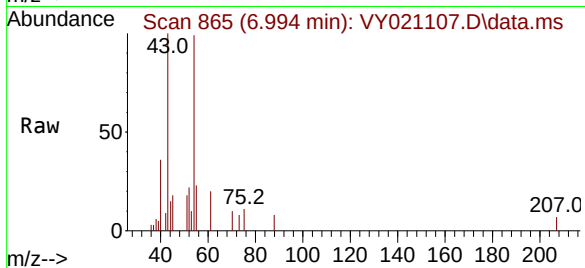
Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

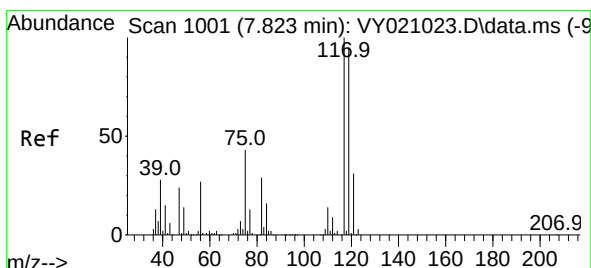
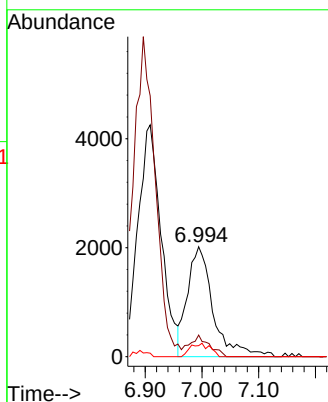
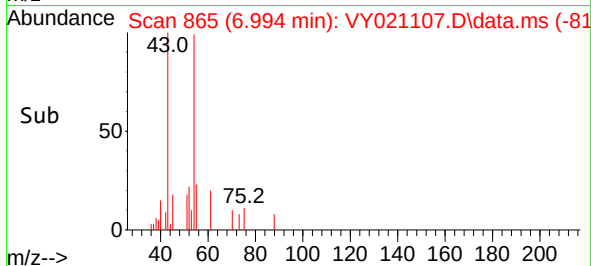


Tgt Ion:	43	Resp:	634
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.0	16.6
70	9.3	8.1	12.1

Manual Integrations

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



#38

Carbon Tetrachloride

Concen: 3.905 ug/l

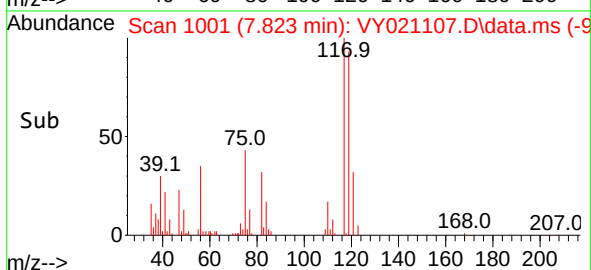
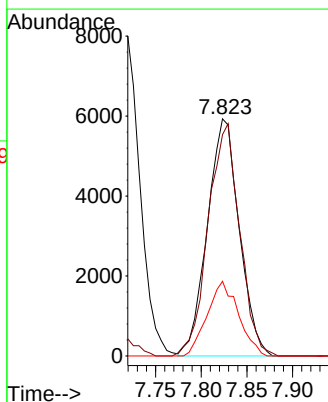
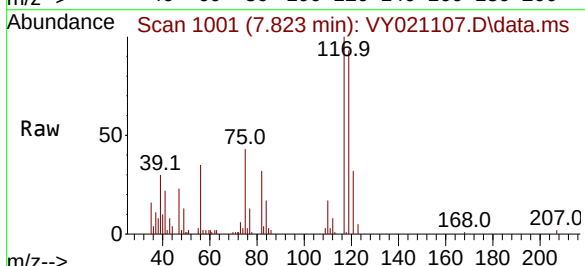
RT: 7.823 min Scan# 1001

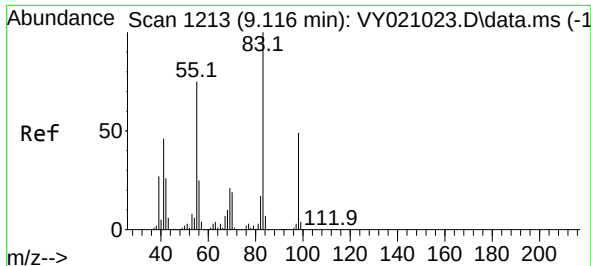
Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Tgt Ion:	117	Resp:	14382
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.0	114.0
121	31.5	24.2	36.2





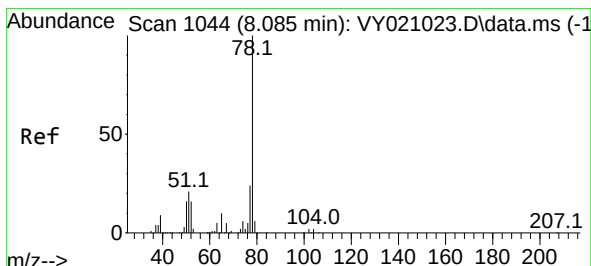
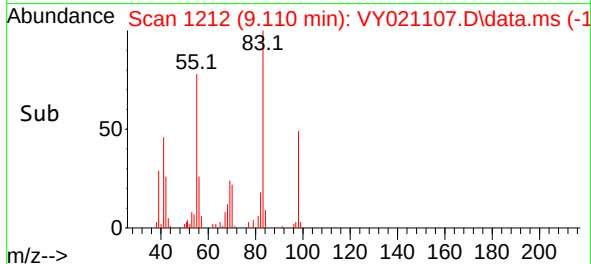
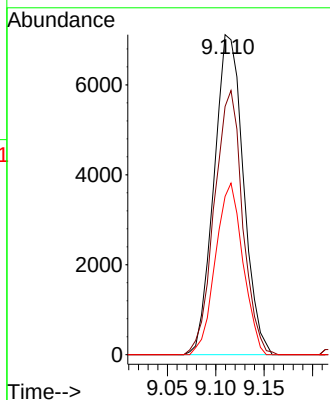
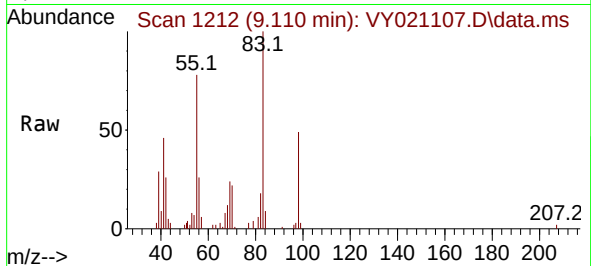
#39
Methylcyclohexane
Concen: 3.897 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion: 83 Resp: 1502
Ion Ratio Lower Upper
83 100
55 77.5 59.7 89.5
98 49.5 38.0 57.0

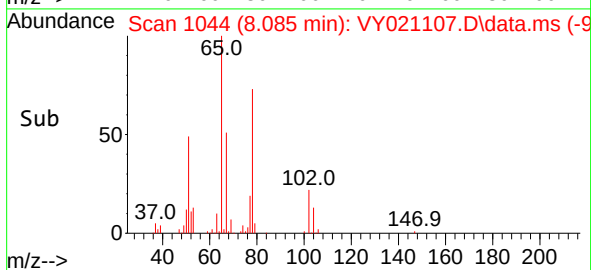
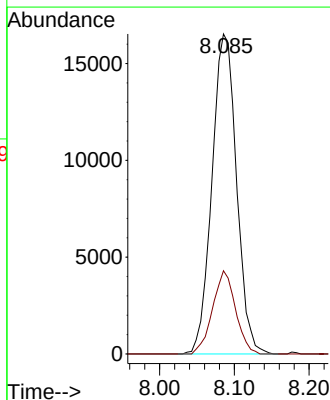
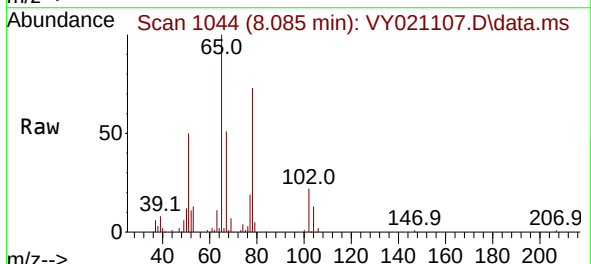
Manual Integrations
APPROVED

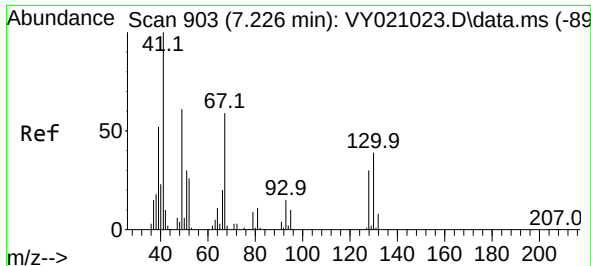
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#40
Benzene
Concen: 4.082 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

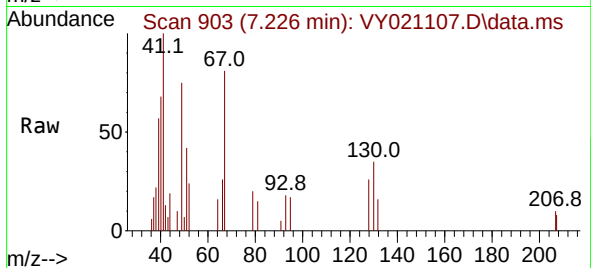
Tgt Ion: 78 Resp: 37760
Ion Ratio Lower Upper
78 100
77 26.0 18.8 28.2





#41
Methacrylonitrile
Concen: 2.914 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

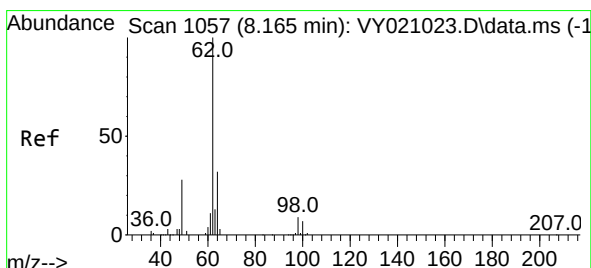
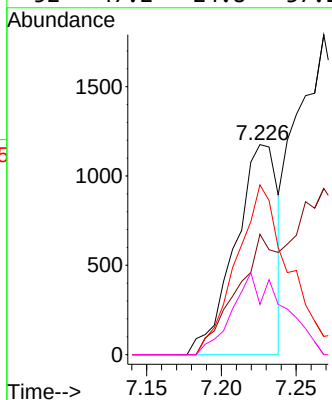
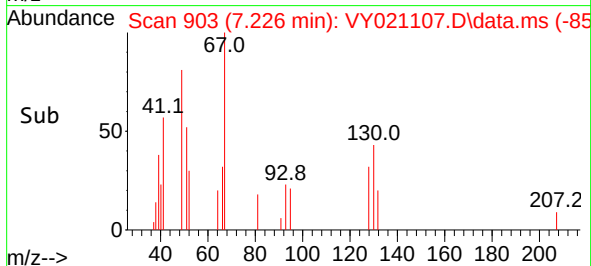
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.0	41.9	62.9
67	101.2	59.8	89.6
52	47.2	24.8	37.2

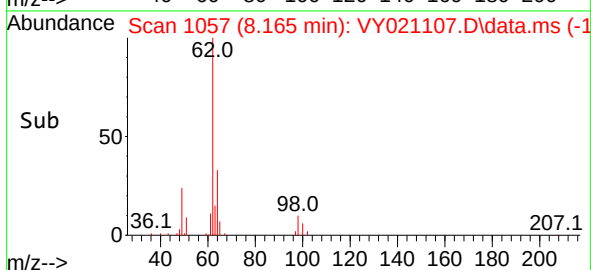
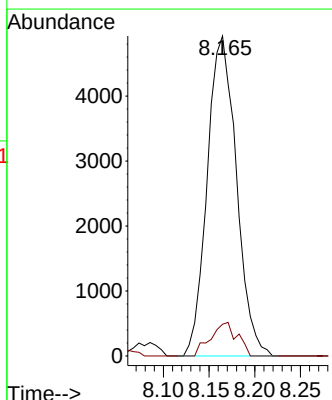
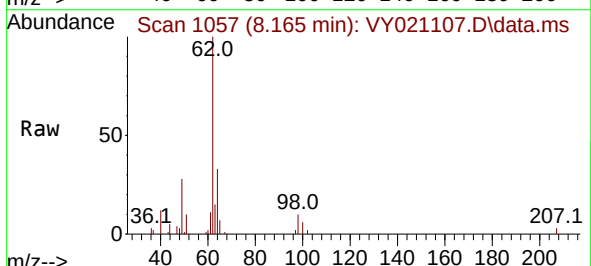
Manual Integrations
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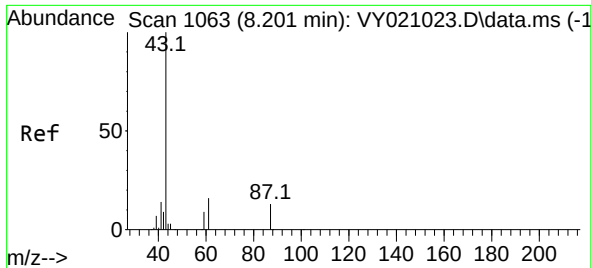
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#42
1,2-Dichloroethane
Concen: 4.266 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

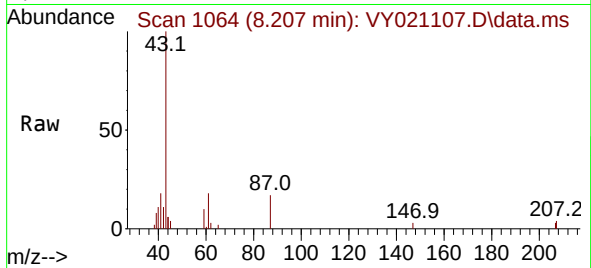
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43
Isopropyl Acetate
Concen: 3.851 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

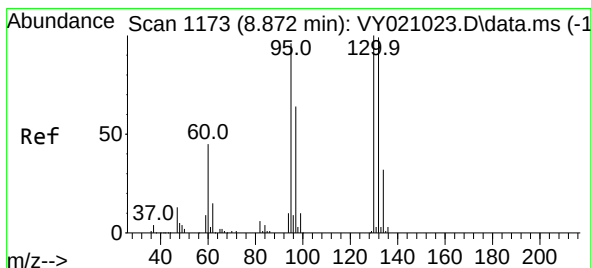
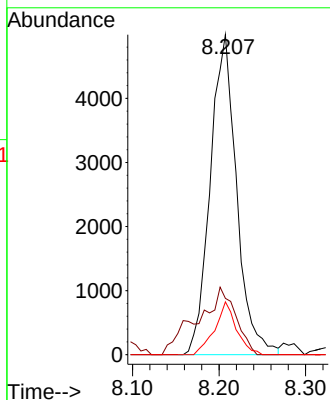
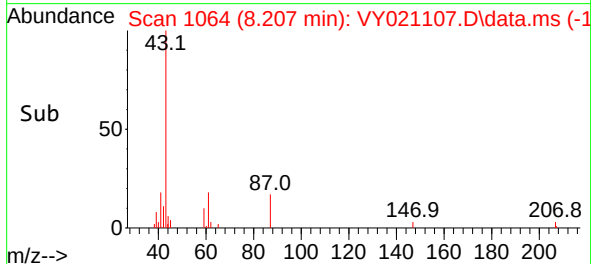
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 10580
Ion Ratio Lower Upper
43 100
61 30.6 24.8 37.2
87 13.6 10.7 16.1

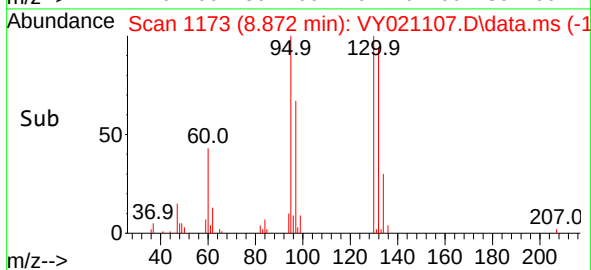
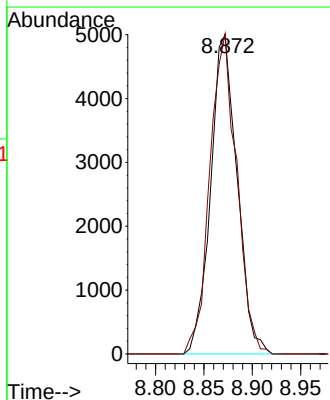
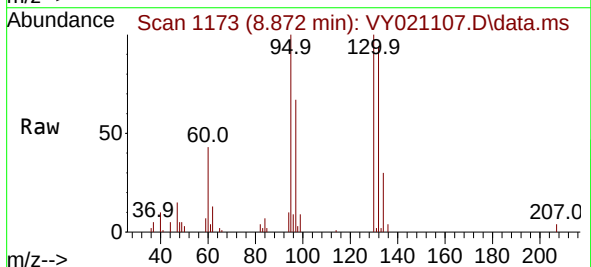
Manual Integrations
APPROVED

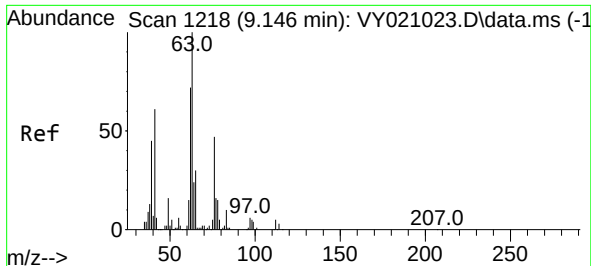
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#44
Trichloroethene
Concen: 3.983 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion:130 Resp: 9519
Ion Ratio Lower Upper
130 100
95 100.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 4.029 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 63 Resp: 884

Ion Ratio Lower Upper

63 100

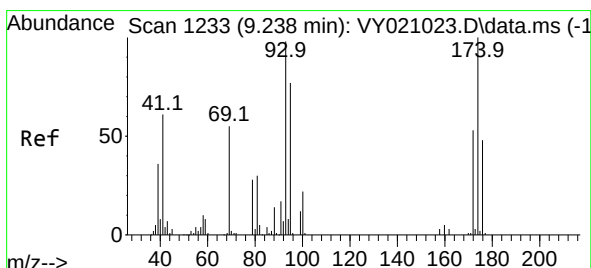
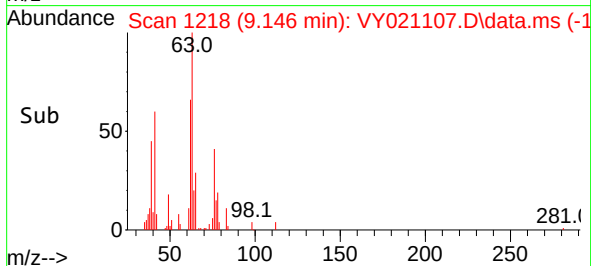
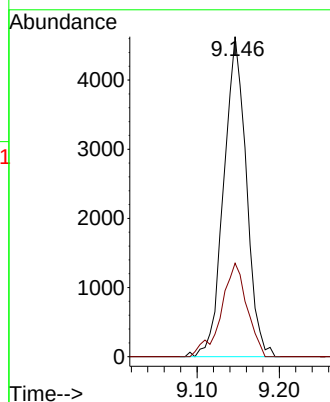
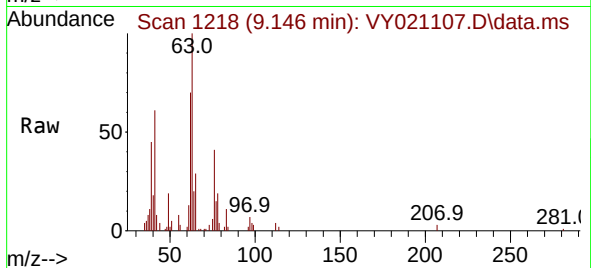
65 29.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#46

Dibromomethane

Concen: 4.268 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

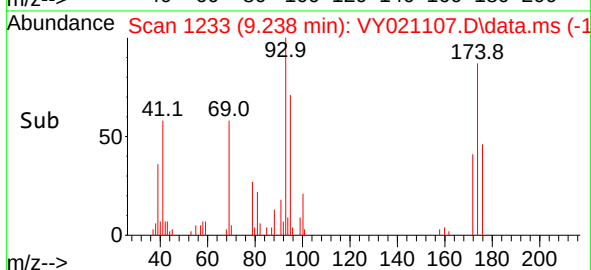
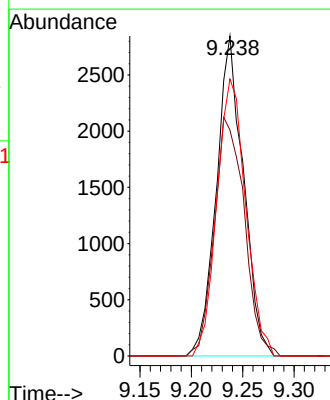
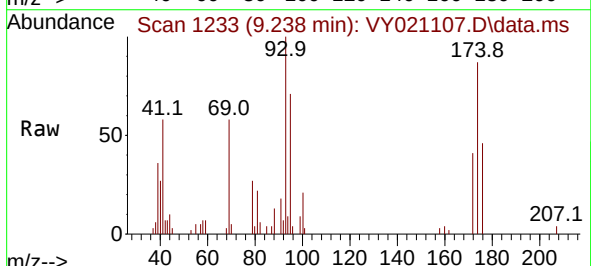
Tgt Ion: 93 Resp: 5188

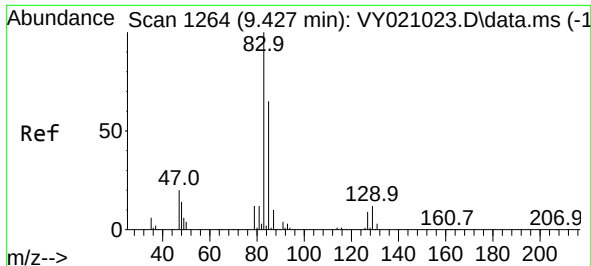
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 92.7 73.8 110.6





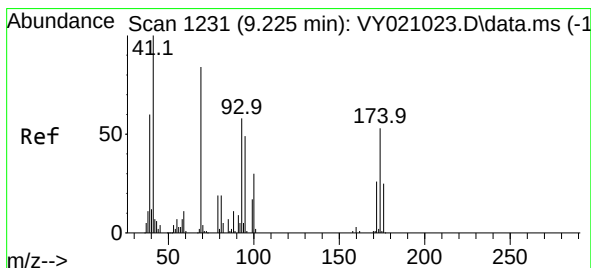
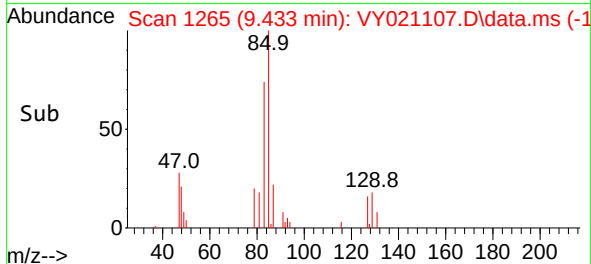
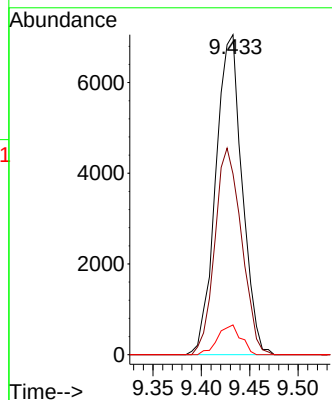
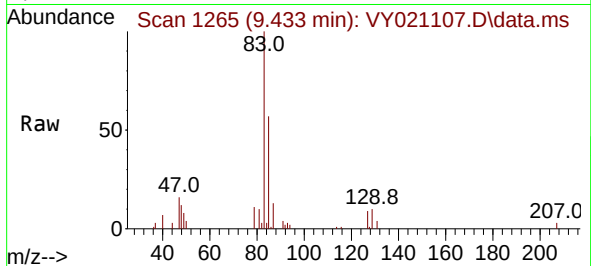
#47
Bromodichloromethane
Concen: 4.108 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion: 83 Resp: 1339
Ion Ratio Lower Upper
83 100
85 56.5 53.2 79.8
127 9.3 6.4 9.6

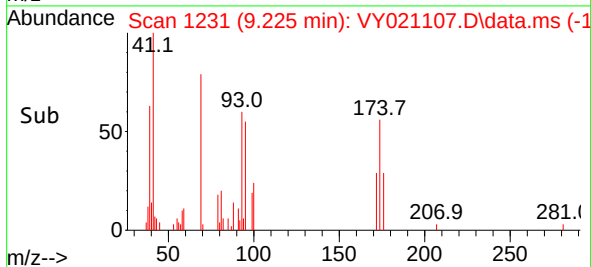
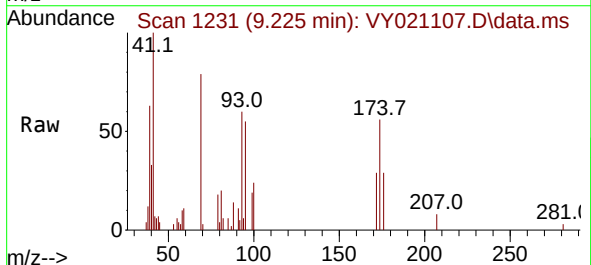
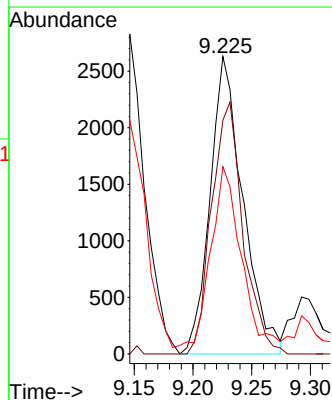
Manual Integrations
APPROVED

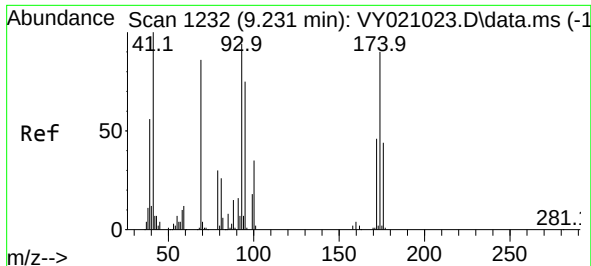
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#48
Methyl methacrylate
Concen: 4.084 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion: 41 Resp: 5111
Ion Ratio Lower Upper
41 100
69 80.9 72.1 108.1
39 60.5 42.8 64.2





#49

1,4-Dioxane

Concen: 90.048 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021107.D

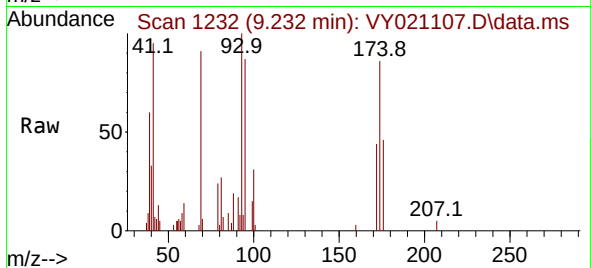
Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



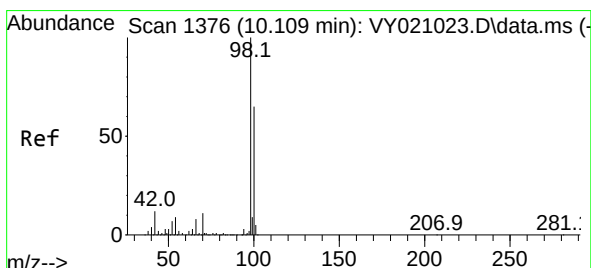
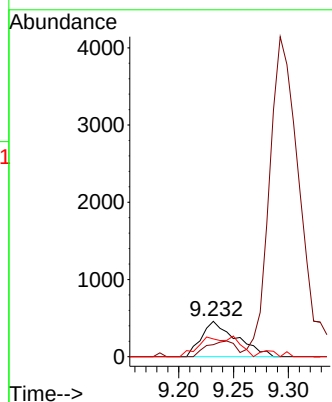
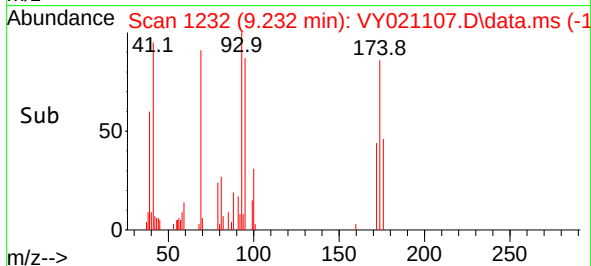
Tgt Ion:	88	Resp:	1019
Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.2	42.4
58	35.8	52.2	78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#50

Toluene-d8

Concen: 47.124 ug/l

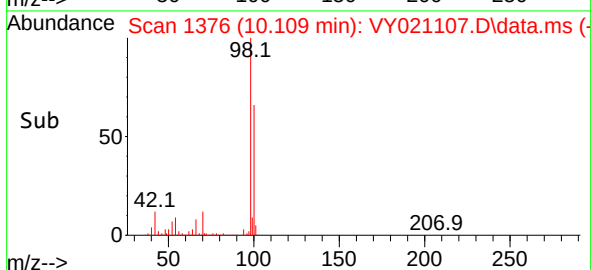
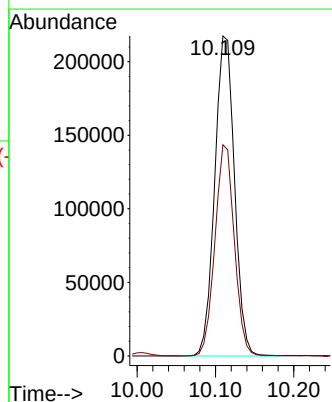
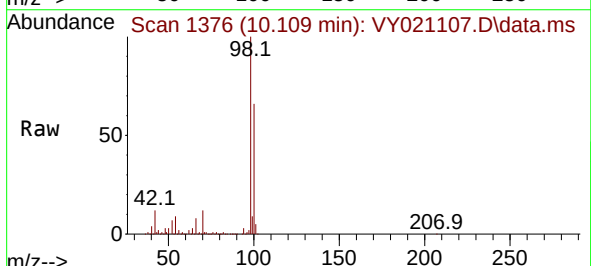
RT: 10.109 min Scan# 1376

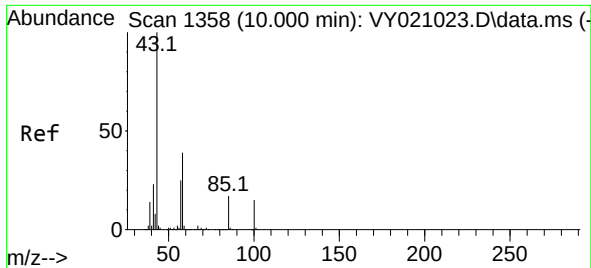
Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

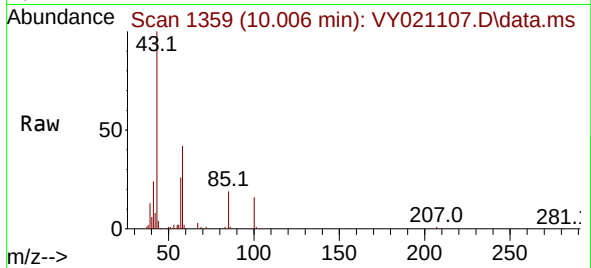
Tgt Ion:	98	Resp:	381779
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 19.568 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

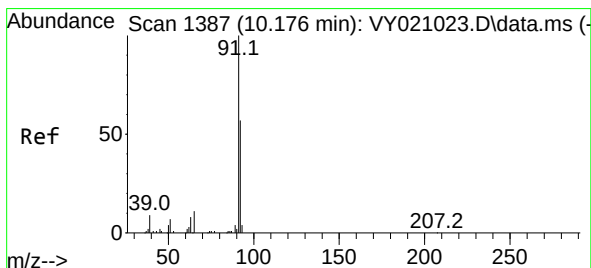
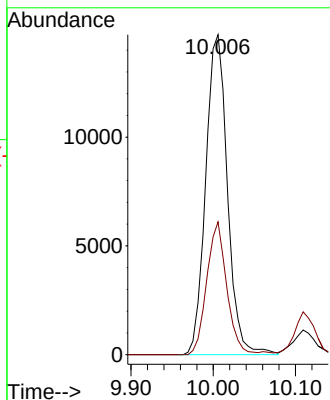
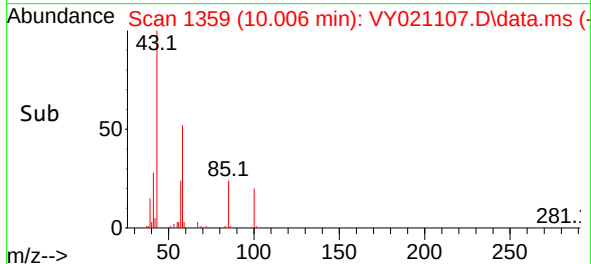
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 27030
Ion Ratio Lower Upper
43 100
58 38.2 32.2 48.2

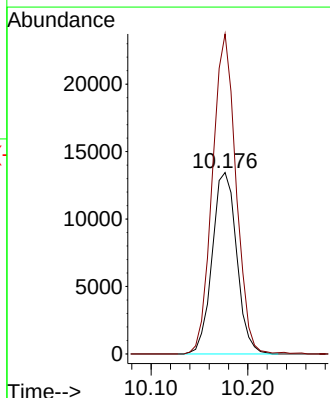
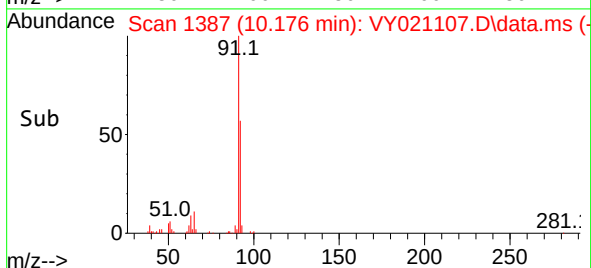
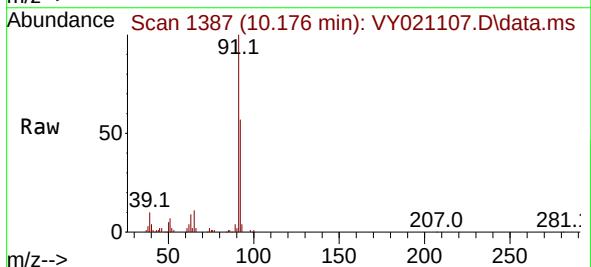
Manual Integrations
APPROVED

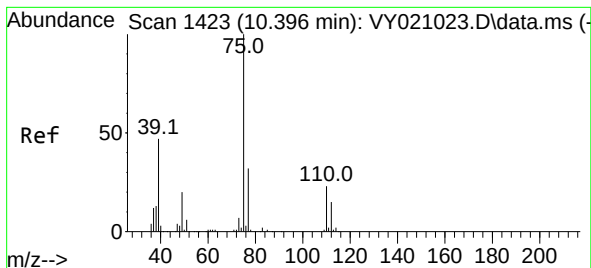
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#52
Toluene
Concen: 4.062 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion: 92 Resp: 23593
Ion Ratio Lower Upper
92 100
91 170.6 137.6 206.4





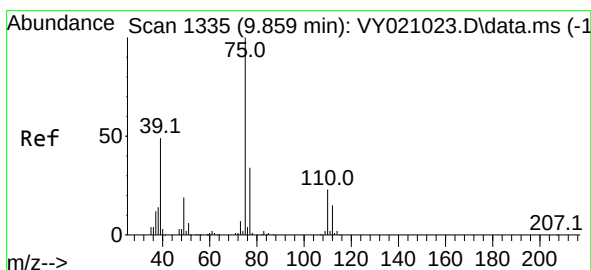
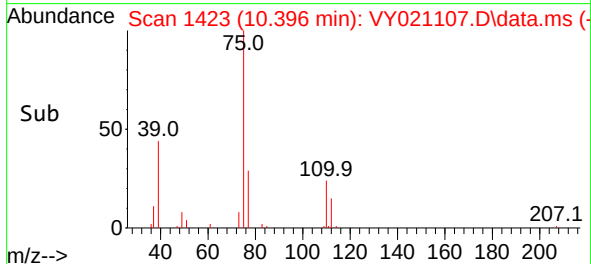
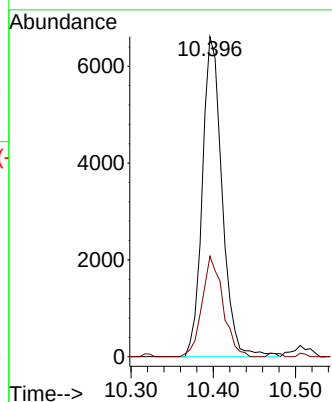
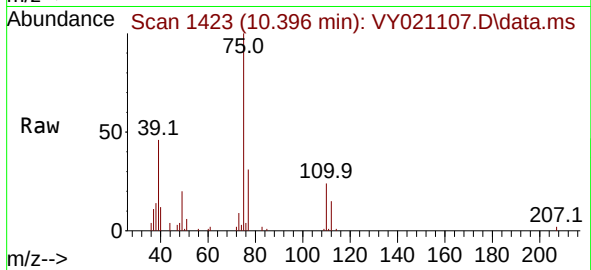
#53
t-1,3-Dichloropropene
Concen: 3.775 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion: 75 Resp: 11052
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8

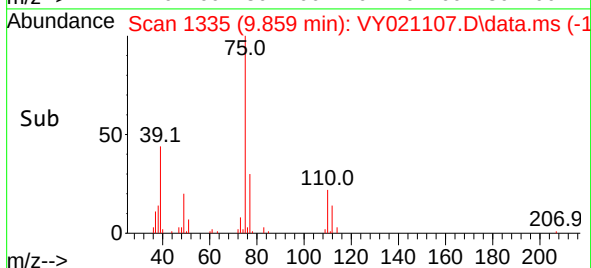
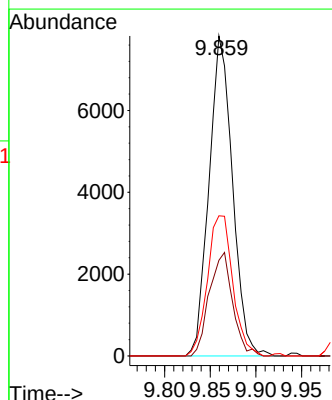
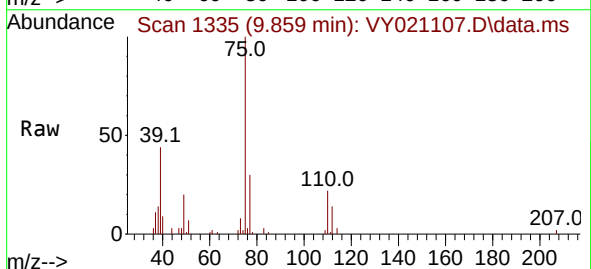
Manual Integrations
APPROVED

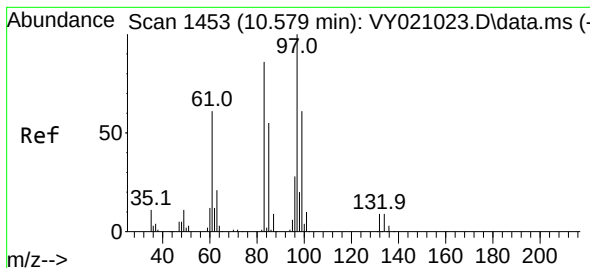
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#54
cis-1,3-Dichloropropene
Concen: 4.028 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

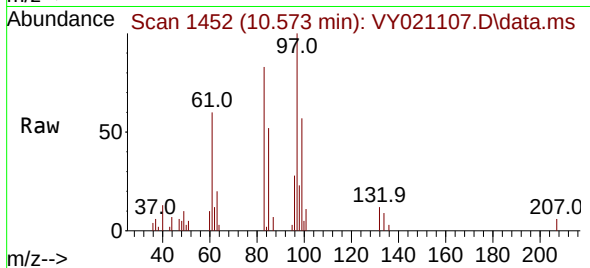
Tgt Ion: 75 Resp: 13961
Ion Ratio Lower Upper
75 100
77 29.9 24.6 36.8
39 43.8 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 4.192 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

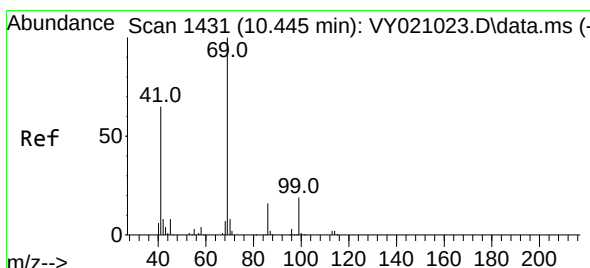
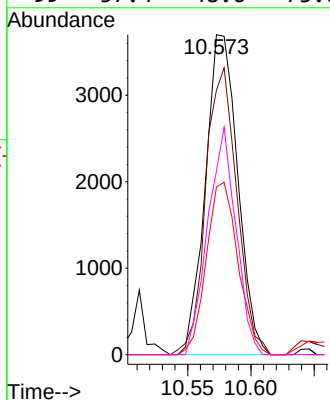
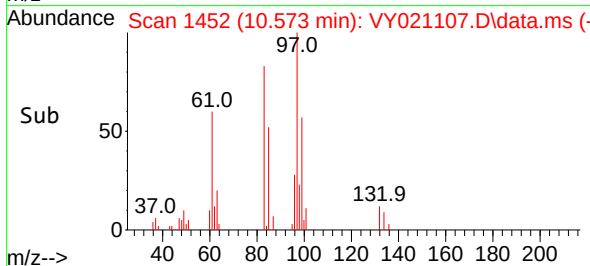
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



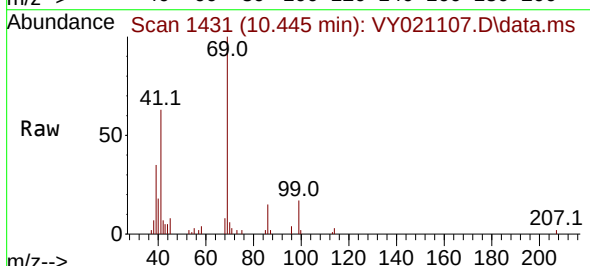
Tgt Ion: 97 Resp: 6598
Ion Ratio Lower Upper
97 100
83 82.7 69.4 104.2
85 52.4 43.9 65.9
99 57.4 48.6 73.0

Manual Integrations
APPROVED

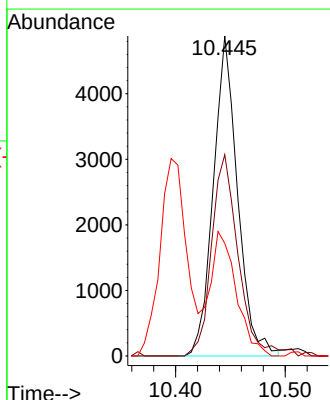
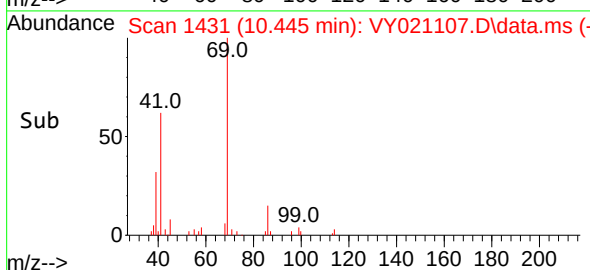
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

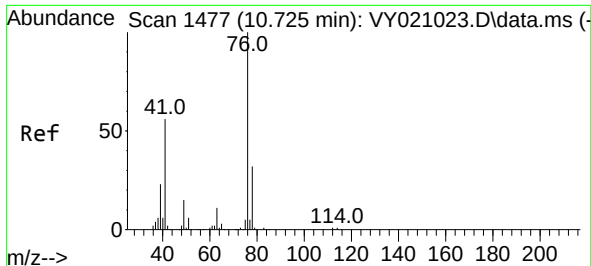


#56
Ethyl methacrylate
Concen: 3.571 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53



Tgt Ion: 69 Resp: 7520
Ion Ratio Lower Upper
69 100
41 69.7 49.2 73.8
39 42.5 26.8 40.2





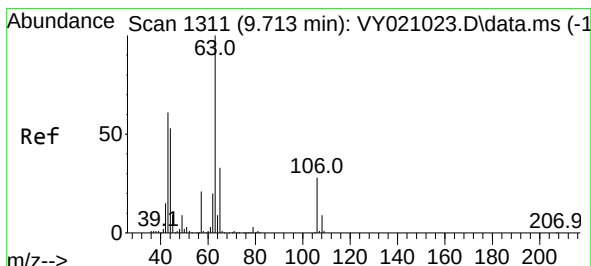
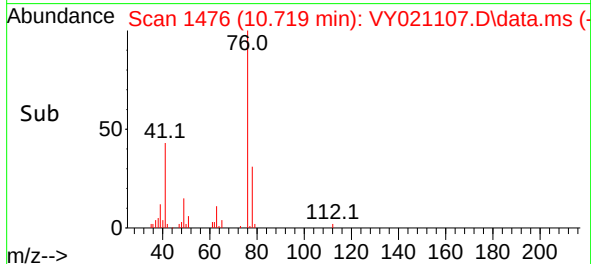
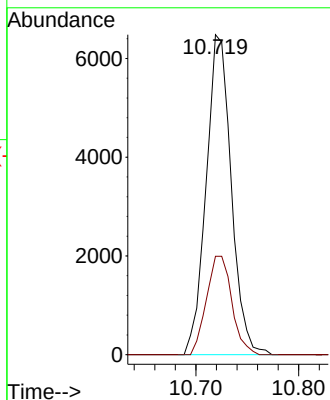
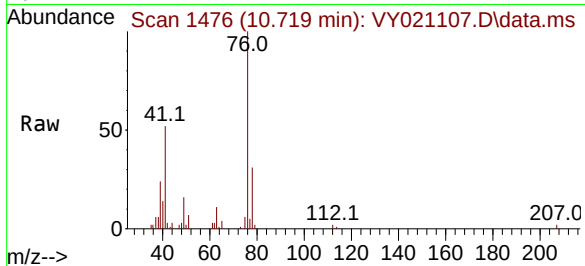
#57
1,3-Dichloropropane
Concen: 4.039 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion: 76 Resp: 11004
Ion Ratio Lower Upper
76 100
78 31.1 26.1 39.1

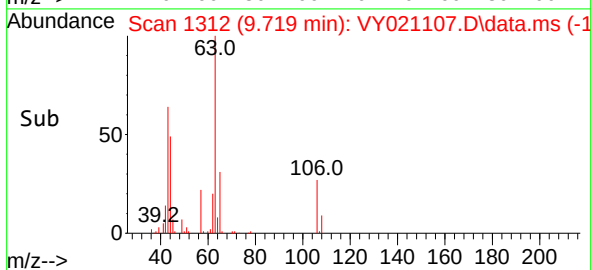
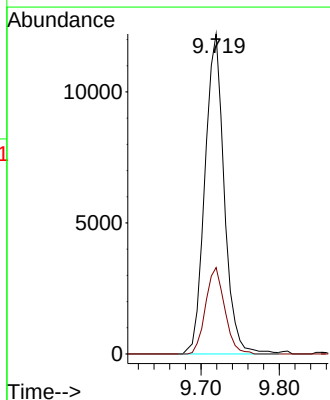
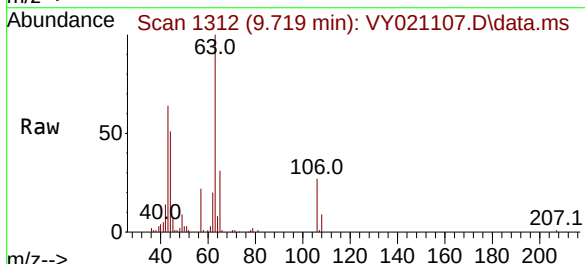
Manual Integrations
APPROVED

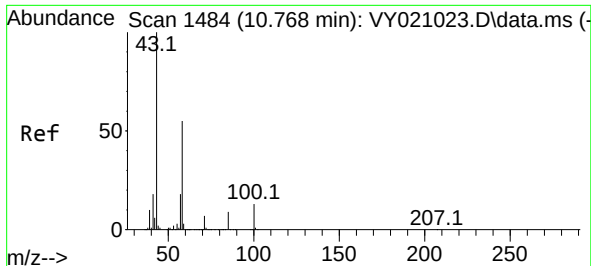
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 20.831 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

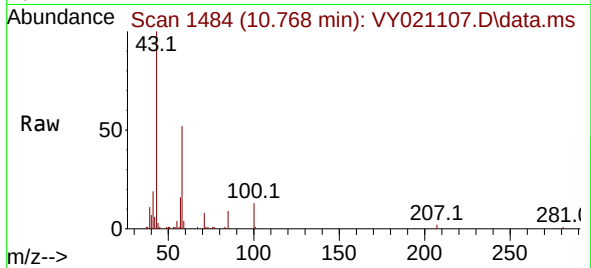
Tgt Ion: 63 Resp: 20869
Ion Ratio Lower Upper
63 100
106 26.7 22.4 33.6





#59
2-Hexanone
Concen: 18.695 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

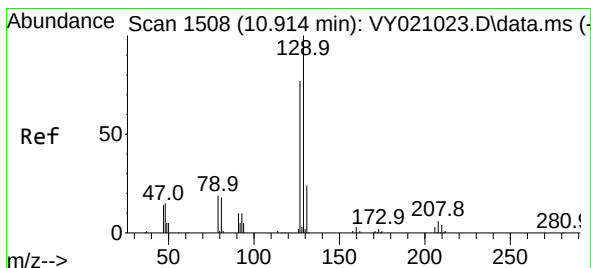
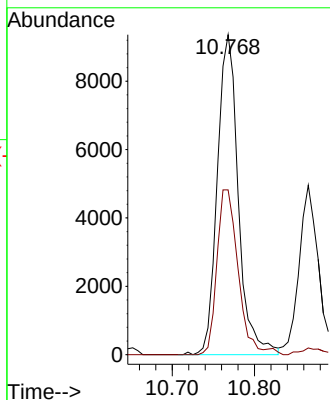
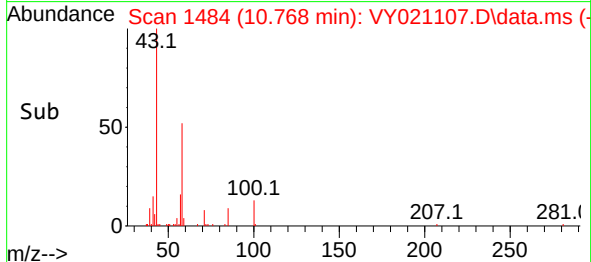
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



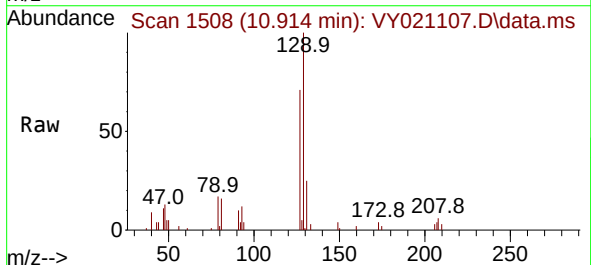
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 52.1 28.1 84.3

Manual Integrations
APPROVED

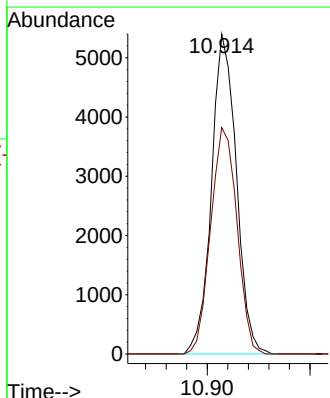
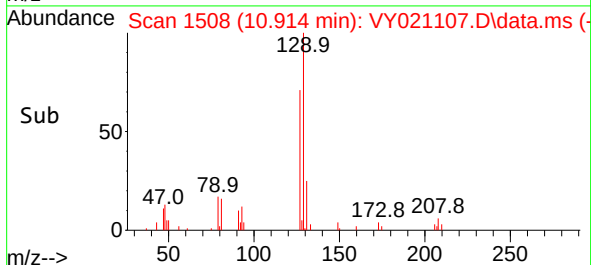
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

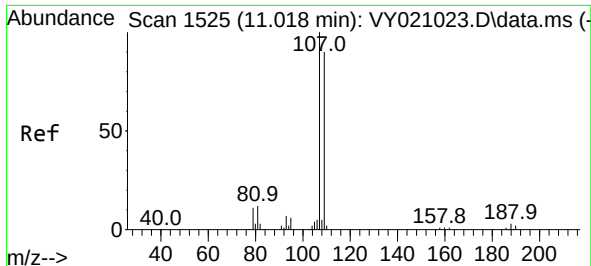


#60
Dibromochloromethane
Concen: 4.096 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53



Tgt Ion:129 Resp: 9055
Ion Ratio Lower Upper
129 100
127 74.9 39.2 117.6





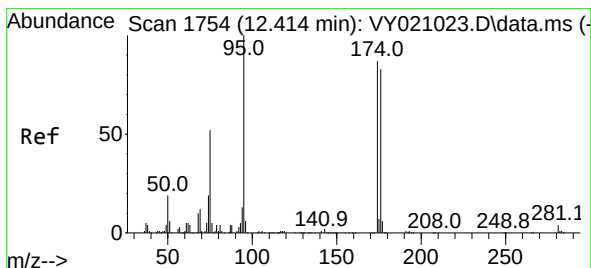
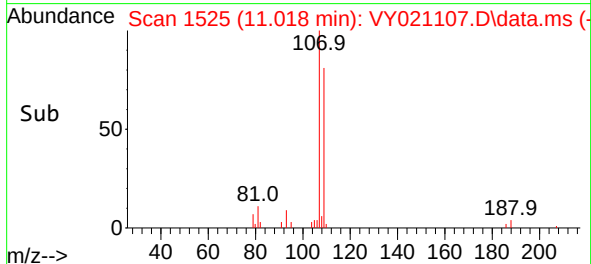
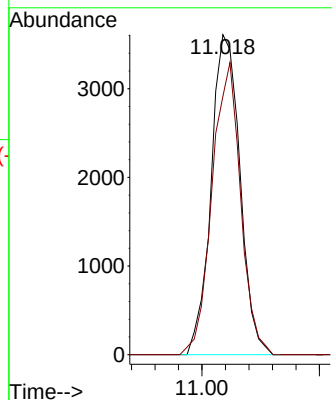
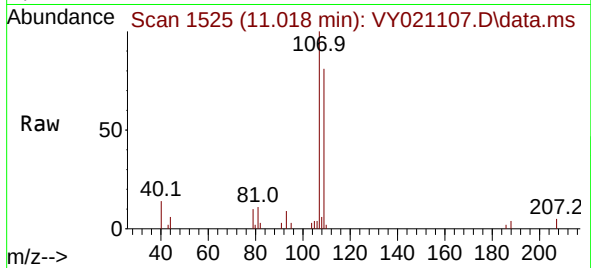
#61
1,2-Dibromoethane
Concen: 4.180 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion:107 Resp: 616
Ion Ratio Lower Upper
107 100
109 90.2 75.4 113.2

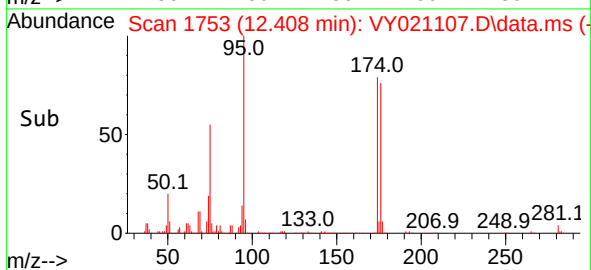
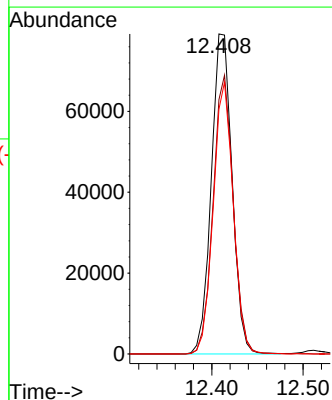
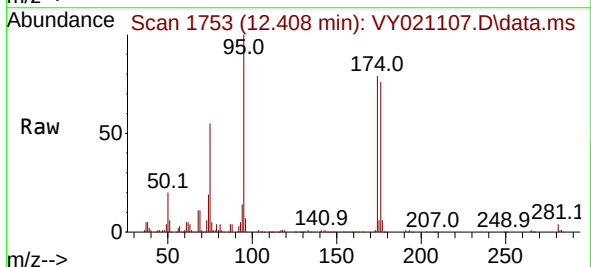
Manual Integrations
APPROVED

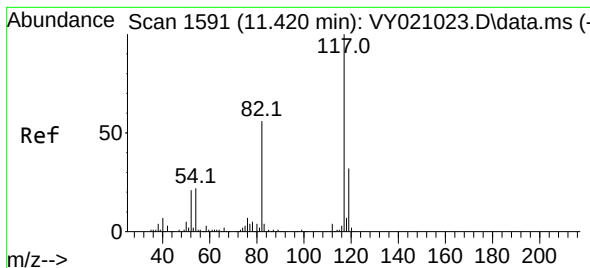
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#62
4-Bromofluorobenzene
Concen: 47.331 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion: 95 Resp: 125272
Ion Ratio Lower Upper
95 100
174 84.2 0.0 160.0
176 81.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

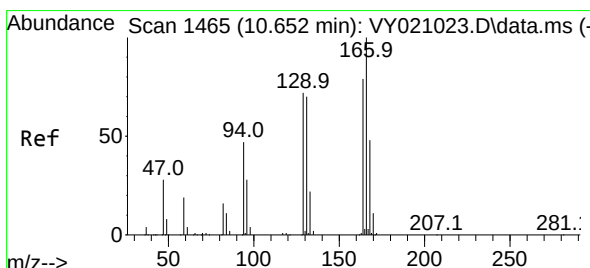
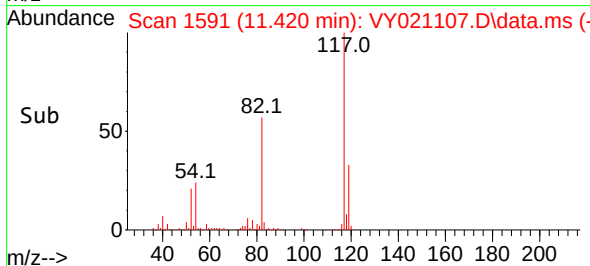
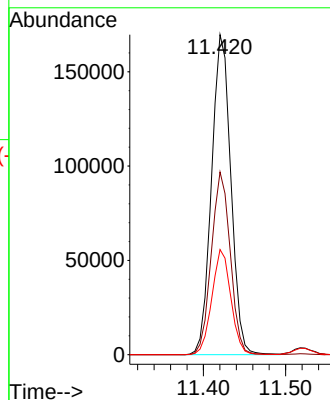
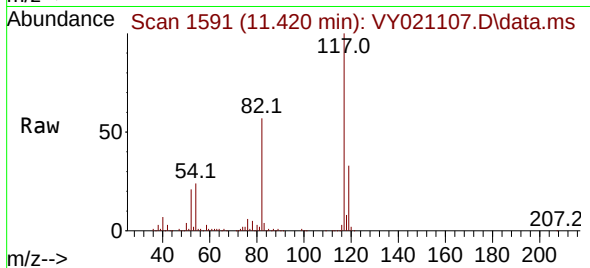
Tgt Ion:117 Resp: 27728

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.8	65.8
119	32.9	26.5	39.7

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 4.191 ug/l

RT: 10.652 min Scan# 1465

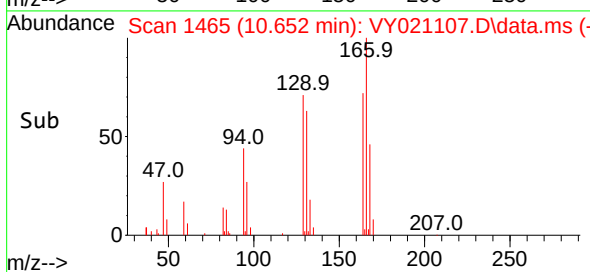
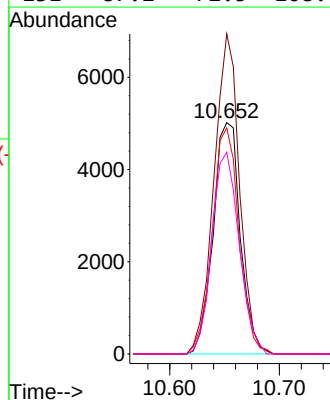
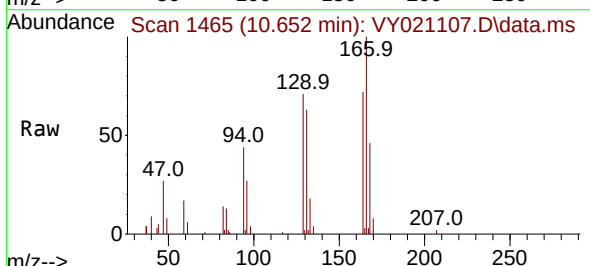
Delta R.T. 0.000 min

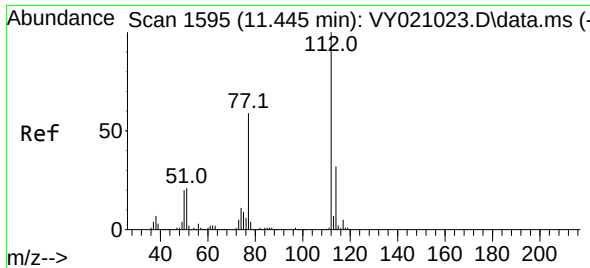
Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Tgt Ion:164 Resp: 8626

Ion	Ratio	Lower	Upper
164	100		
166	138.3	98.8	148.2
129	97.7	78.9	118.3
131	87.2	72.5	108.7





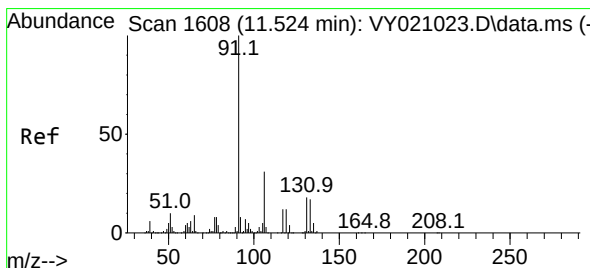
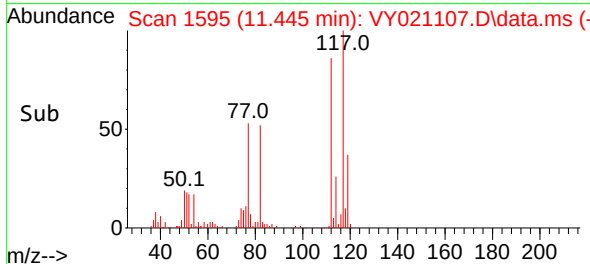
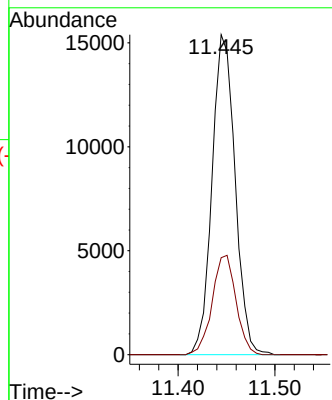
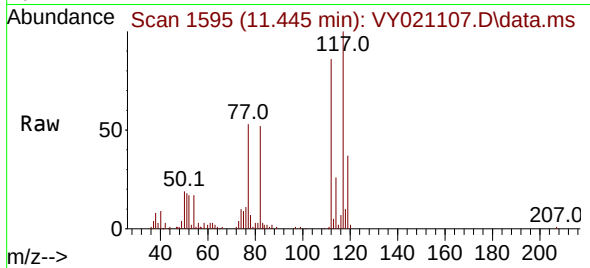
#65
Chlorobenzene
Concen: 4.132 ug/l
RT: 11.445 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion:112 Resp: 2551
Ion Ratio Lower Upper
112 100
114 30.3 26.1 39.1

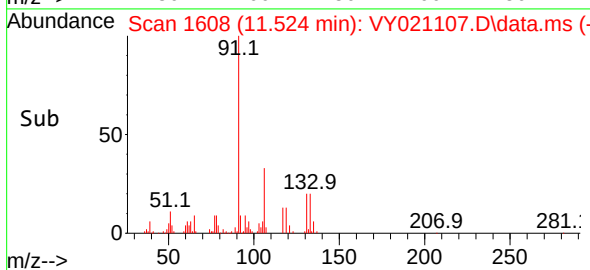
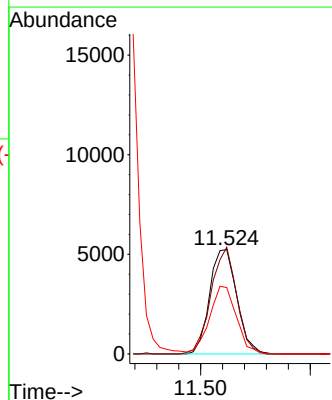
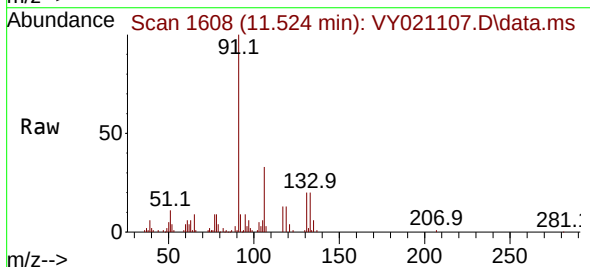
Manual Integrations
APPROVED

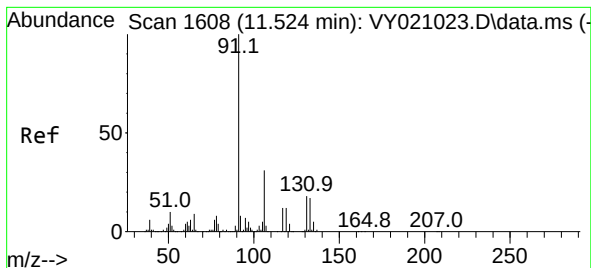
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.119 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion:131 Resp: 9038
Ion Ratio Lower Upper
131 100
133 96.4 47.0 141.0
119 63.8 33.3 99.9





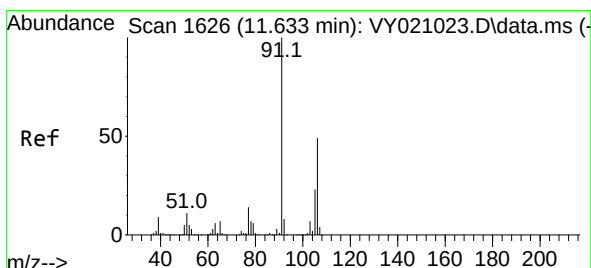
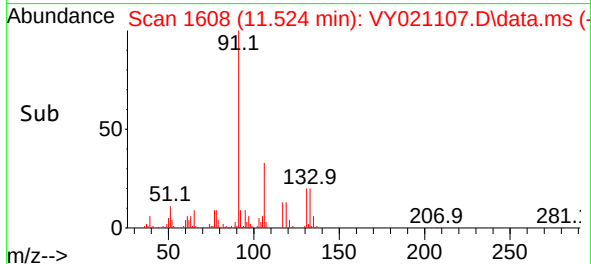
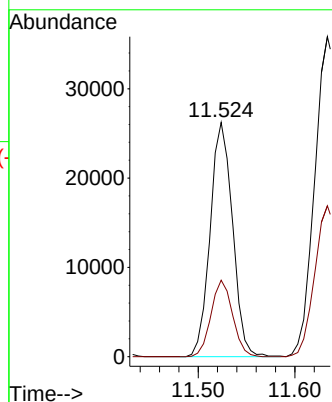
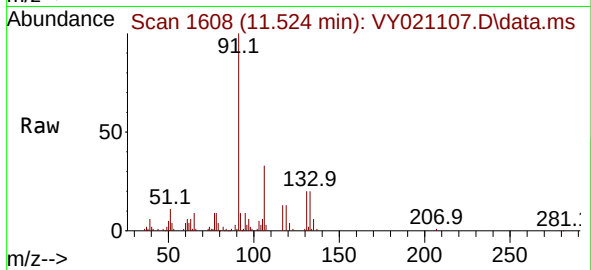
#67
Ethyl Benzene
Concen: 3.865 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion: 91 Resp: 42208
Ion Ratio Lower Upper
91 100
106 32.7 25.0 37.4

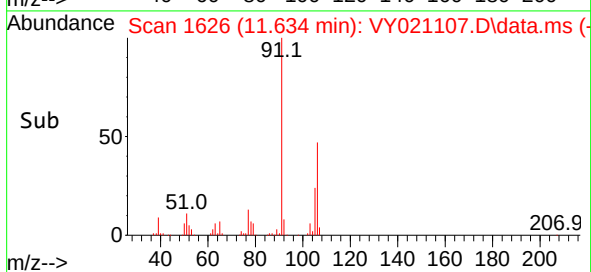
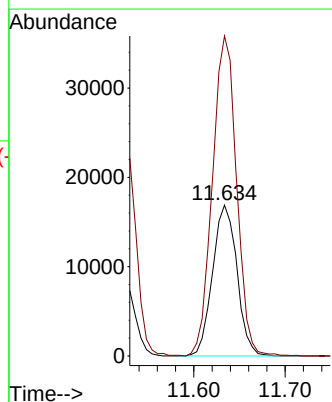
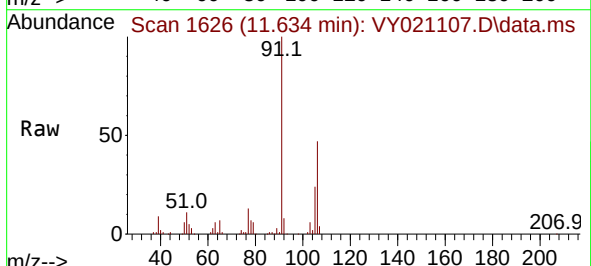
Manual Integrations
APPROVED

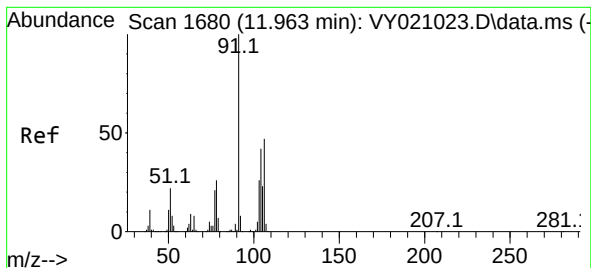
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#68
m/p-Xylenes
Concen: 7.652 ug/l
RT: 11.634 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion:106 Resp: 31260
Ion Ratio Lower Upper
106 100
91 210.1 160.7 241.1





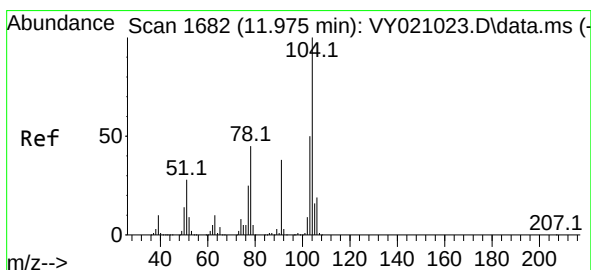
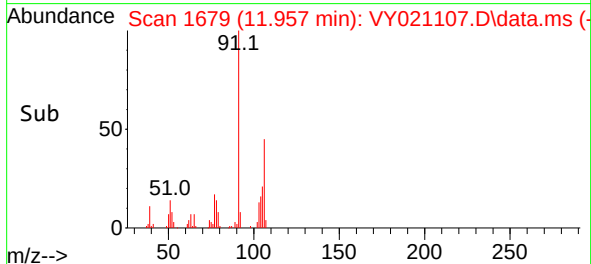
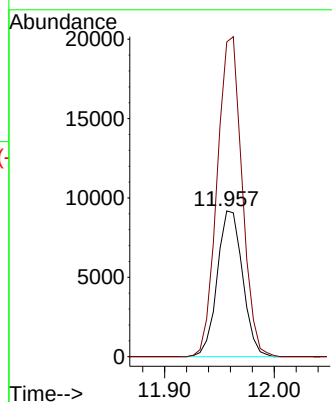
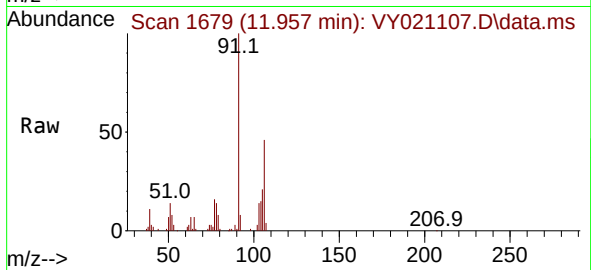
#69
o-Xylene
Concen: 3.875 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion:106 Resp: 14760
Ion Ratio Lower Upper
106 100
91 215.9 106.5 319.5

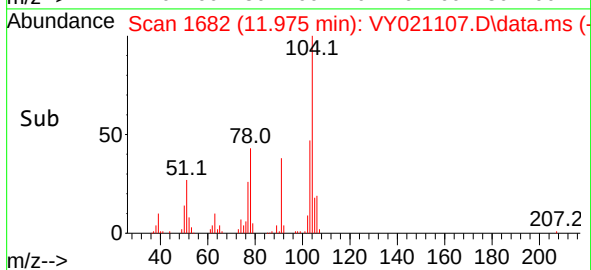
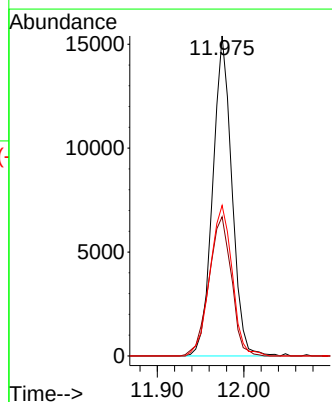
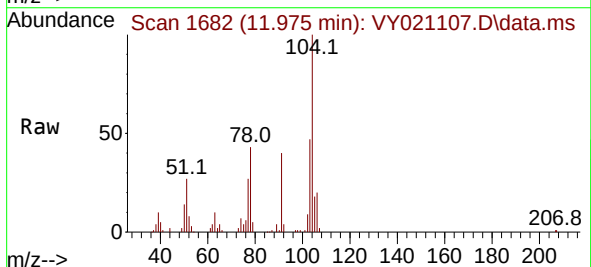
Manual Integrations
APPROVED

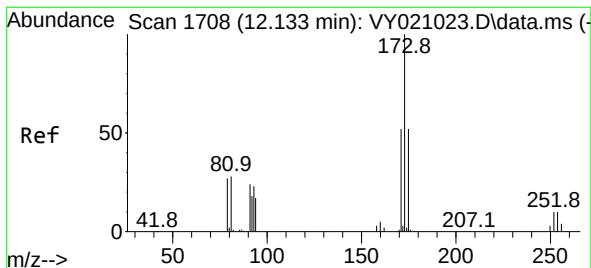
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#70
Styrene
Concen: 3.730 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion:104 Resp: 23682
Ion Ratio Lower Upper
104 100
78 51.0 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 3.959 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

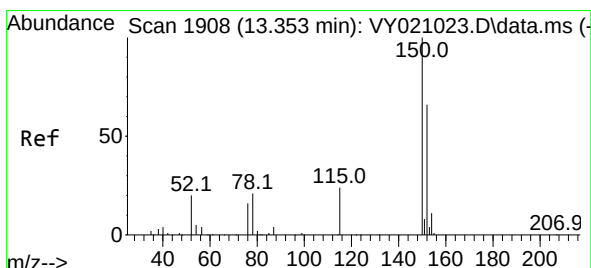
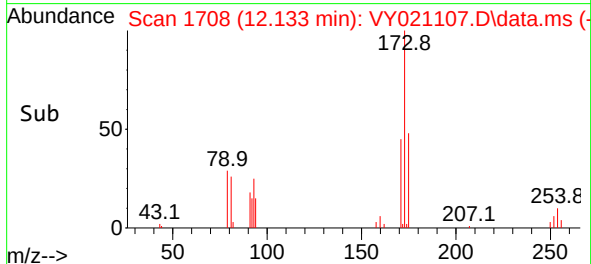
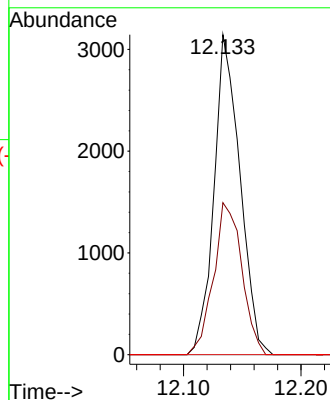
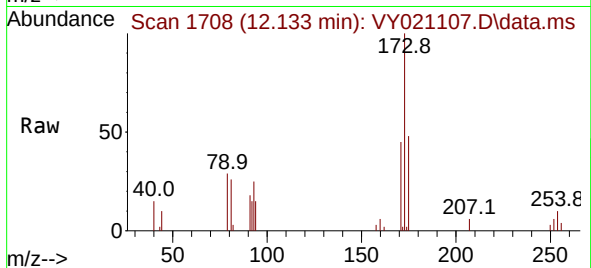
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:173	Resp:	483
Ion Ratio	Lower	Upper
173	100	
175	51.7	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

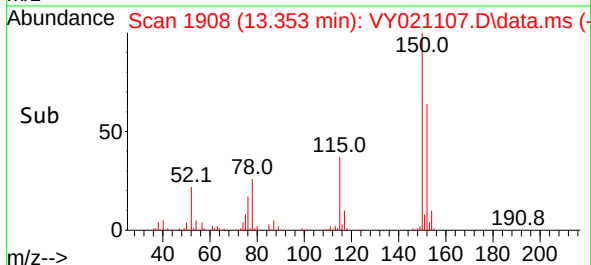
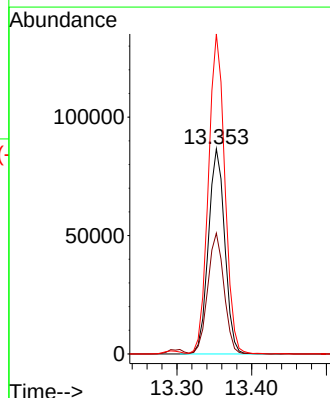
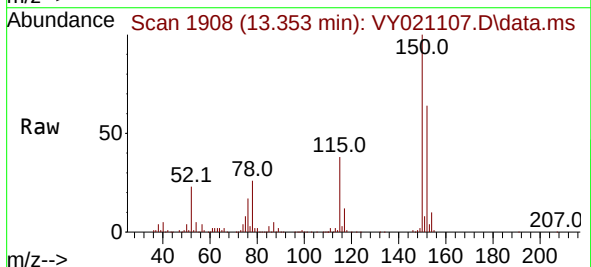
RT: 13.353 min Scan# 1908

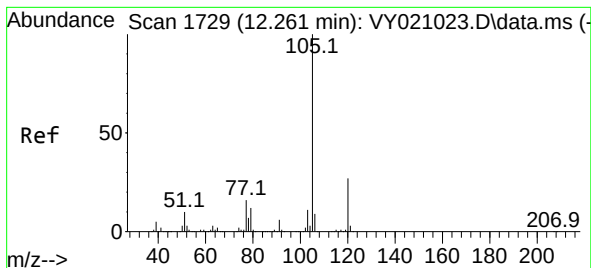
Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Tgt Ion:152	Resp:	131518
Ion Ratio	Lower	Upper
152	100	
115	58.7	30.0 90.0
150	157.2	0.0 344.6





#73

Isopropylbenzene

Concen: 3.803 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

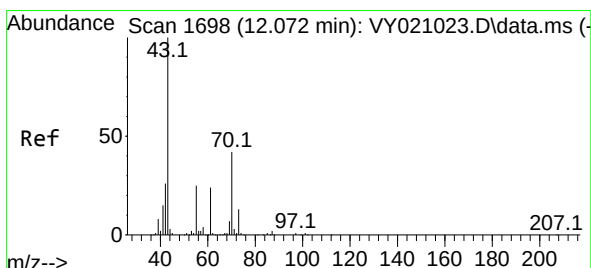
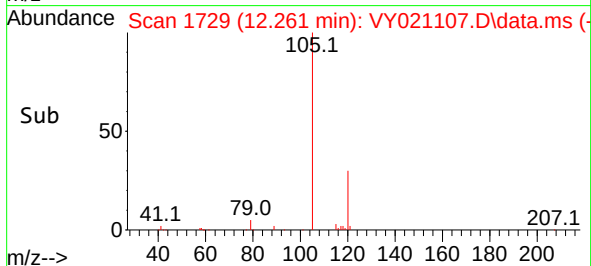
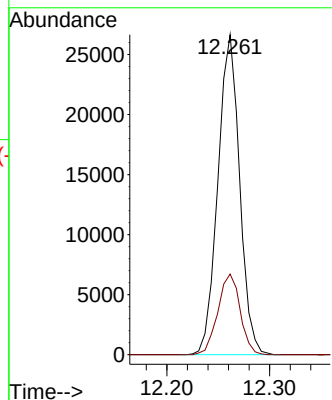
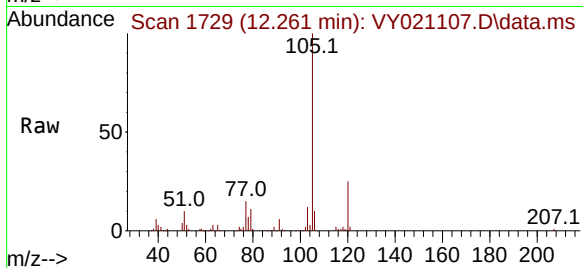
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:105 Resp: 3906
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.0 39.0

Manual Integrations

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



#74

N-ethyl acetate

Concen: 3.509 ug/l

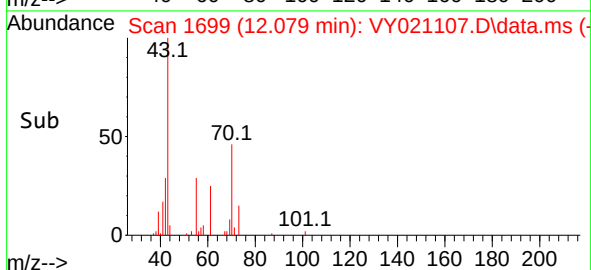
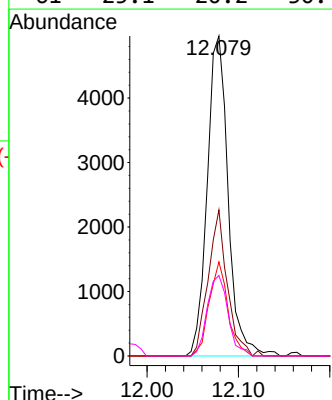
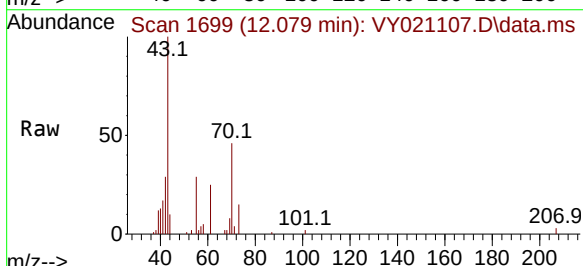
RT: 12.079 min Scan# 1699

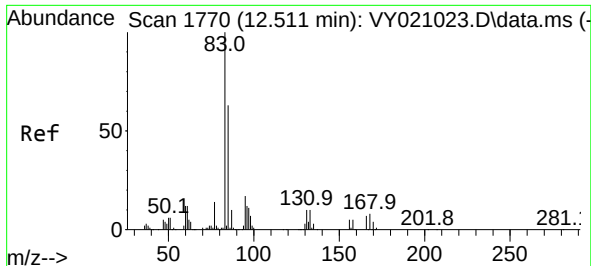
Delta R.T. 0.006 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

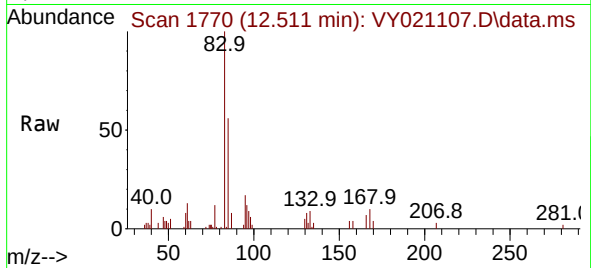
Tgt Ion: 43 Resp: 7881
 Ion Ratio Lower Upper
 43 100
 70 41.8 36.6 55.0
 55 26.4 22.2 33.4
 61 25.1 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 4.294 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

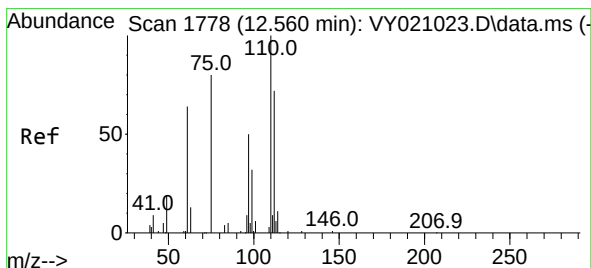
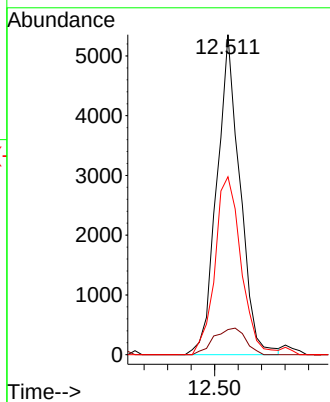
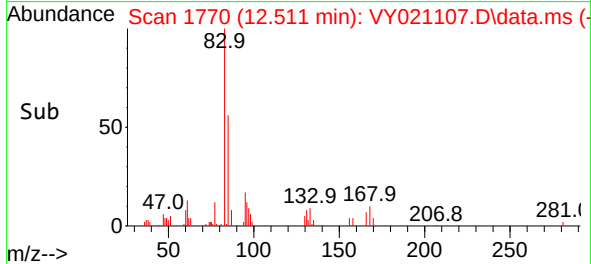
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 83 Resp: 733
Ion Ratio Lower Upper
83 100
131 11.2 4.9 14.6
85 62.8 32.6 98.0

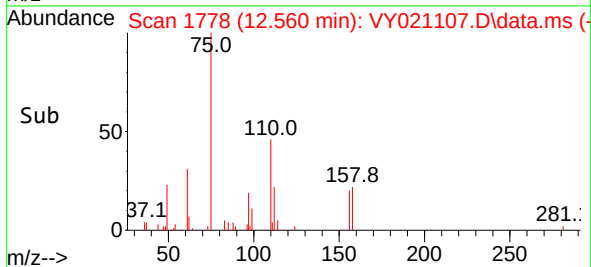
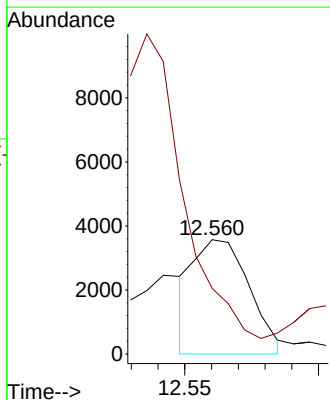
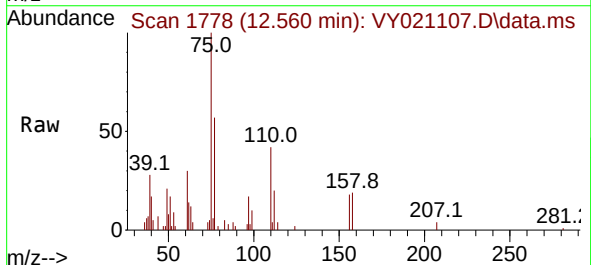
Manual Integrations
APPROVED

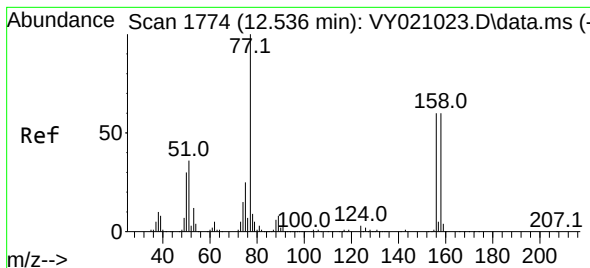
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#76
1,2,3-Trichloropropane
Concen: 4.344 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion: 75 Resp: 5182
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.132 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

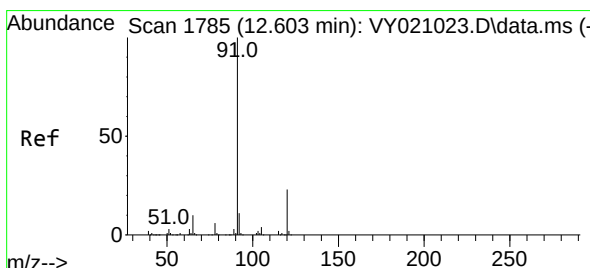
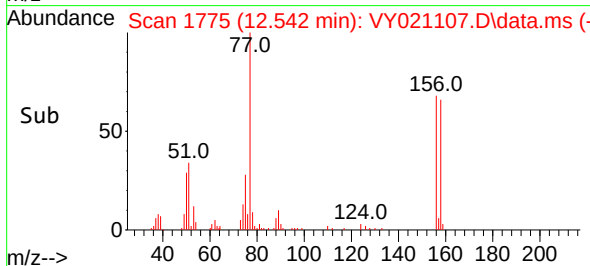
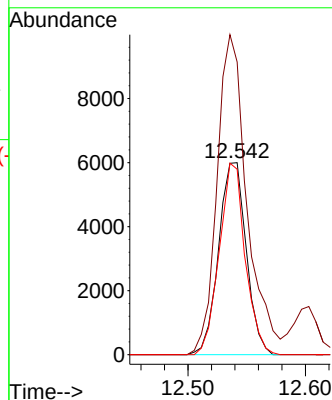
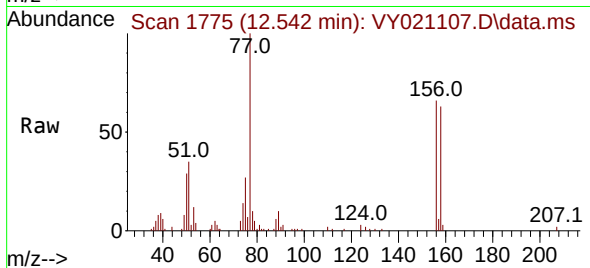
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:	156	Resp:	979
Ion Ratio	Lower	Upper	
156	100		
77	180.3	97.3	291.8
158	93.8	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: 3.900 ug/l

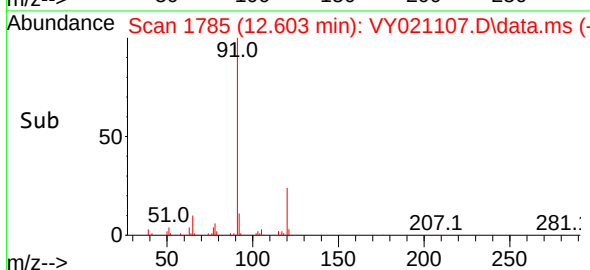
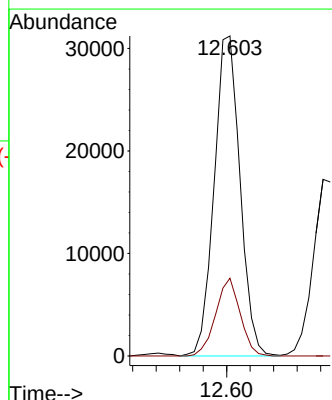
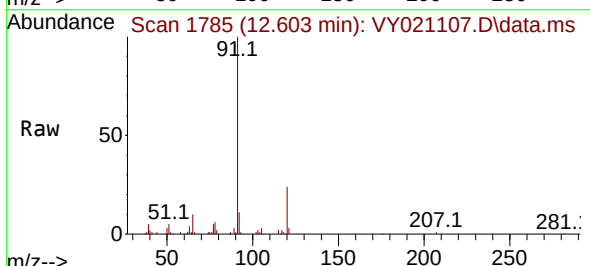
RT: 12.603 min Scan# 1785

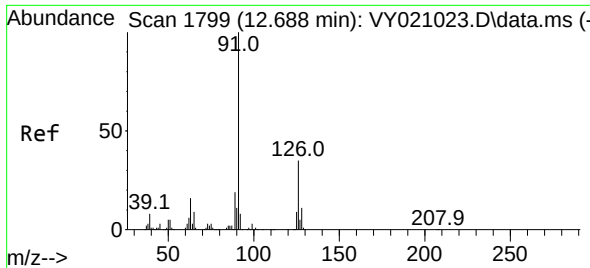
Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Tgt Ion:	91	Resp:	47734
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.0	33.0





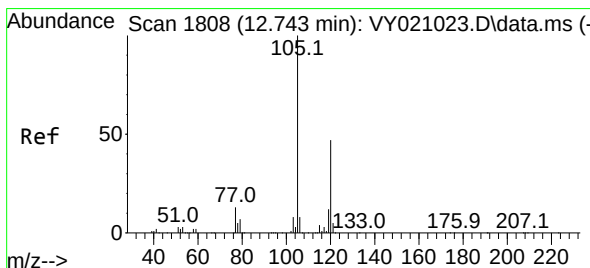
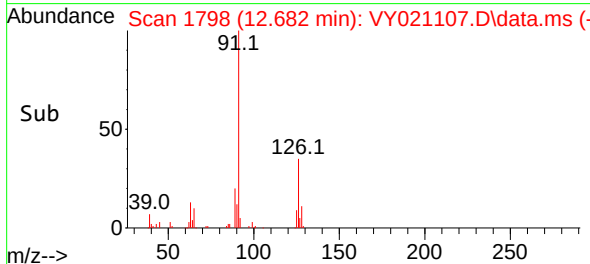
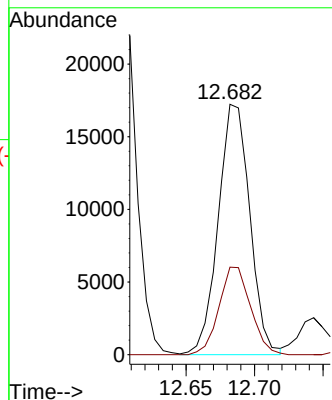
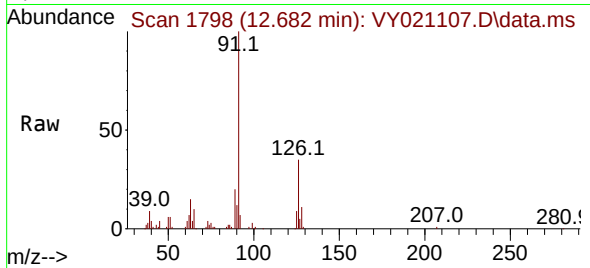
#79
2-Chlorotoluene
Concen: 3.948 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion: 91 Resp: 27670
Ion Ratio Lower Upper
91 100
126 34.9 17.0 51.0

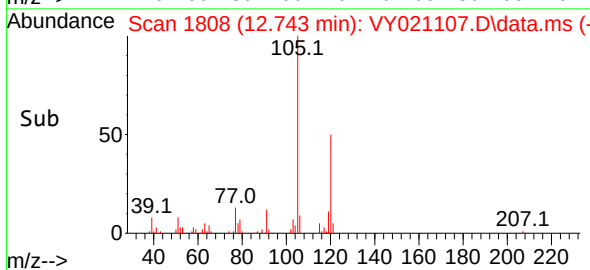
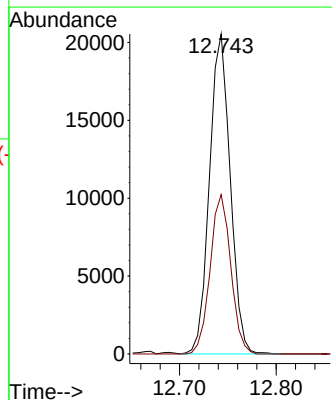
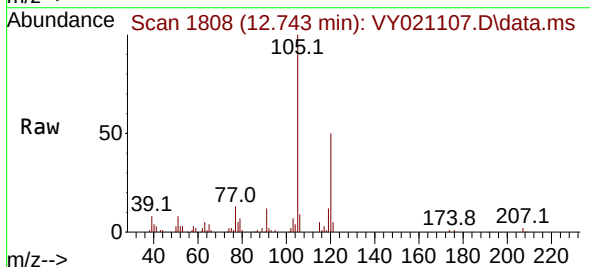
Manual Integrations
APPROVED

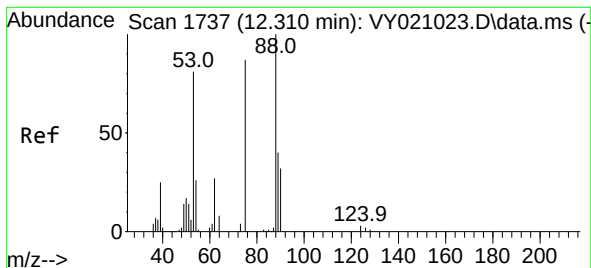
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.684 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

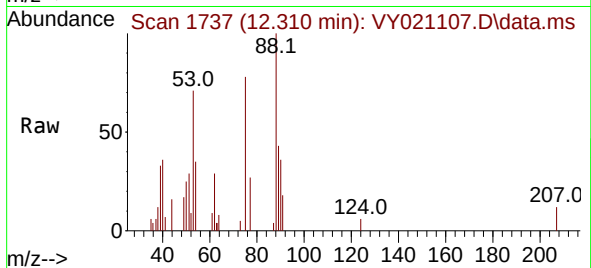
Tgt Ion:105 Resp: 30685
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 3.580 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

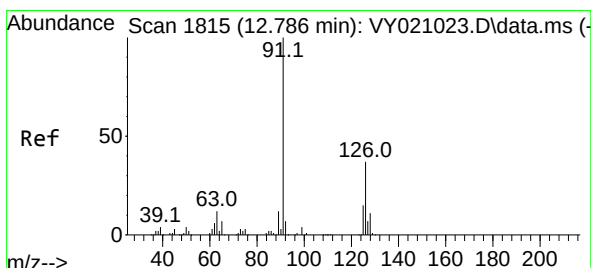
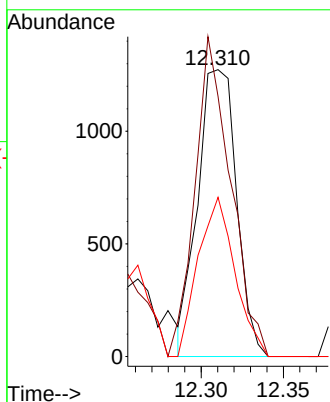
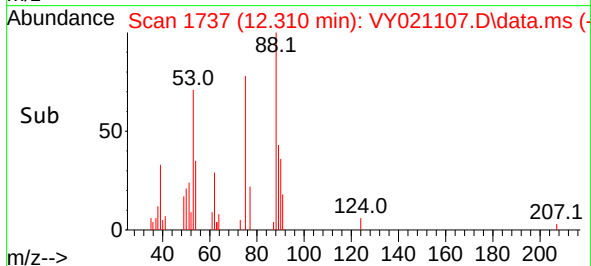
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 75 Resp: 209
Ion Ratio Lower Upper
75 100
53 102.0 74.0 111.0
89 52.8 36.5 54.7

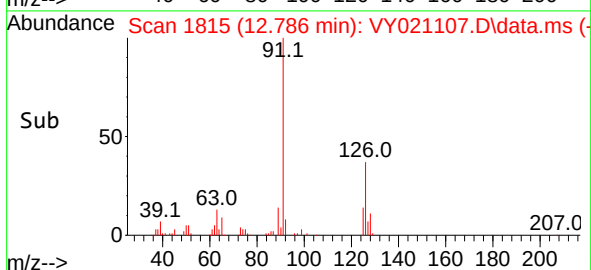
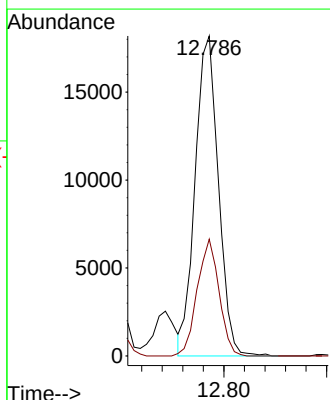
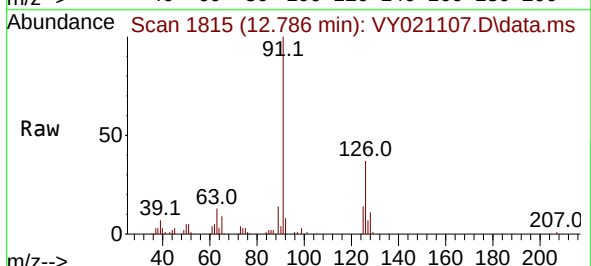
Manual Integrations
APPROVED

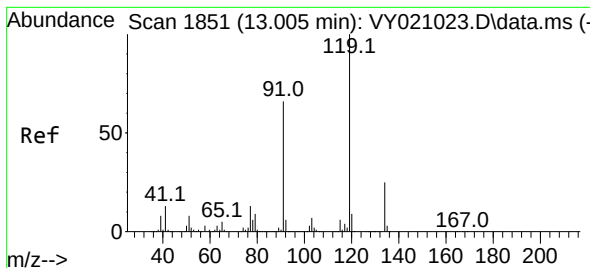
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#82
4-Chlorotoluene
Concen: 4.007 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion: 91 Resp: 28618
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 3.782 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

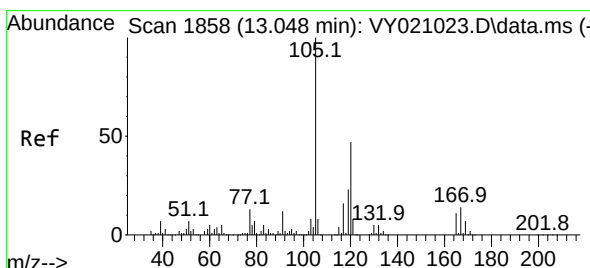
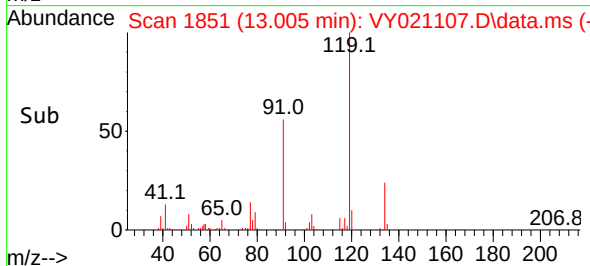
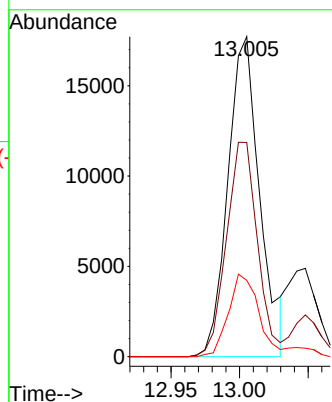
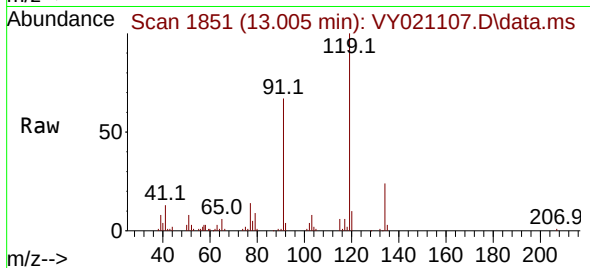
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:	119	Resp:	2863
Ion Ratio	Lower	Upper	
119	100		
91	65.5	31.5	94.5
134	25.0	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: 3.665 ug/l

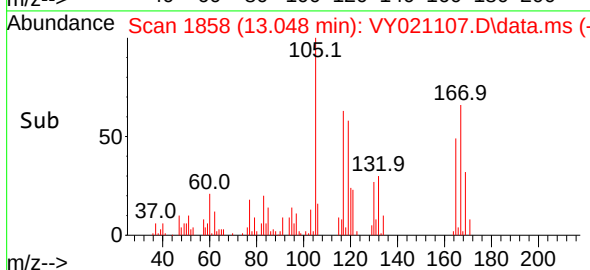
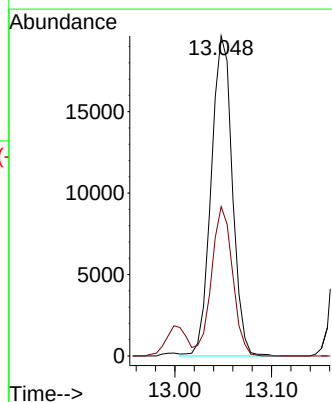
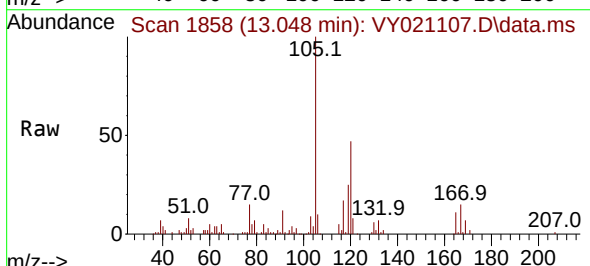
RT: 13.048 min Scan# 1858

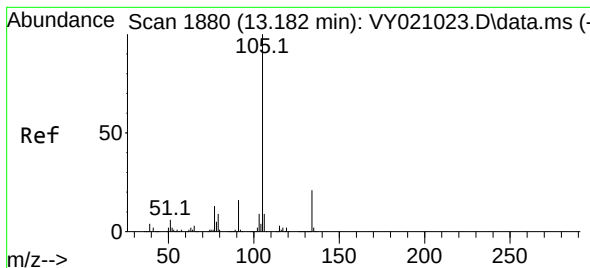
Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

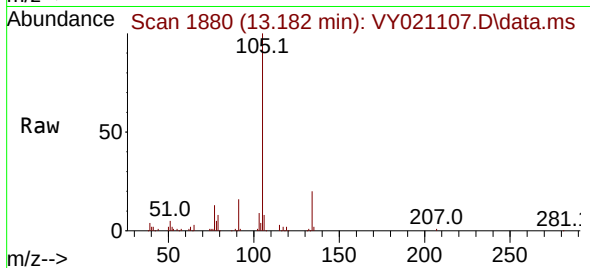
Tgt Ion:	105	Resp:	29846
Ion Ratio	Lower	Upper	
105	100		
120	46.5	22.1	66.3





#85
 sec-Butylbenzene
 Concen: 3.779 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53

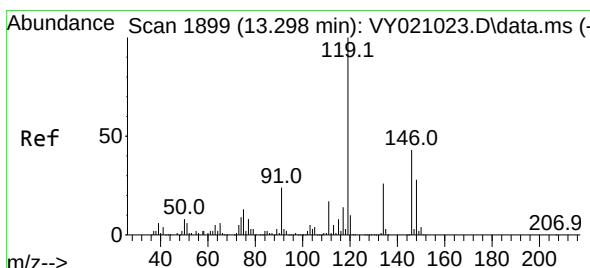
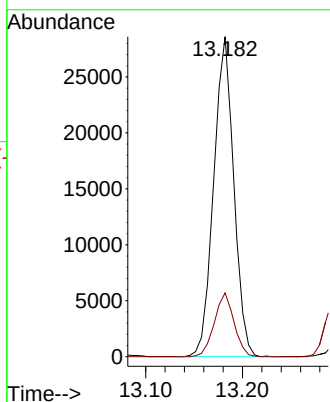
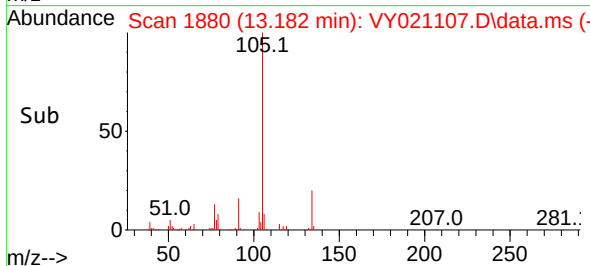
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025



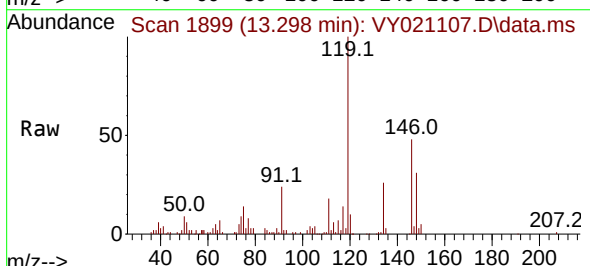
Tgt Ion:105 Resp: 4118
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

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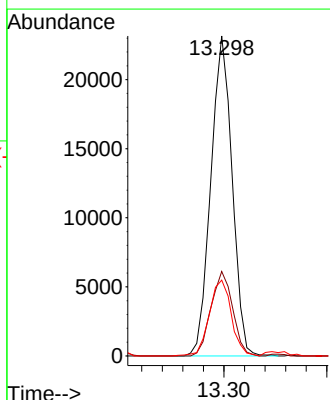
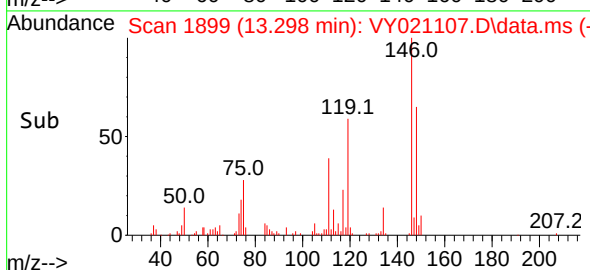
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

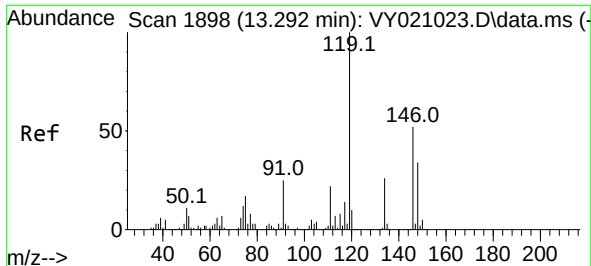


#86
 p-Isopropyltoluene
 Concen: 3.676 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY021107.D
 Acq: 06 Feb 2025 12:53



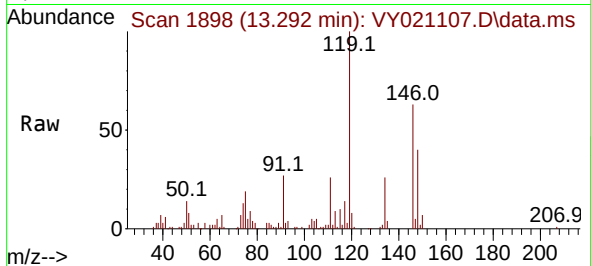
Tgt Ion:119 Resp: 33283
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.1
 91 24.6 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 4.062 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

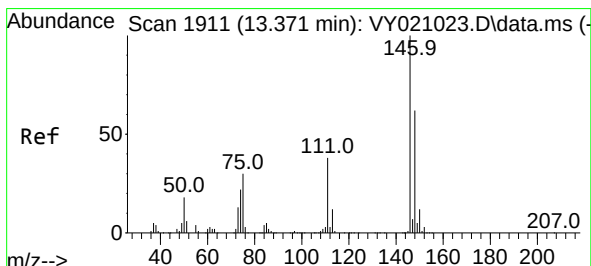
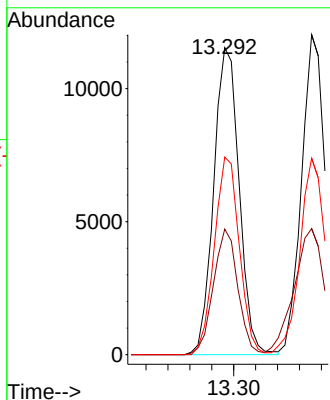
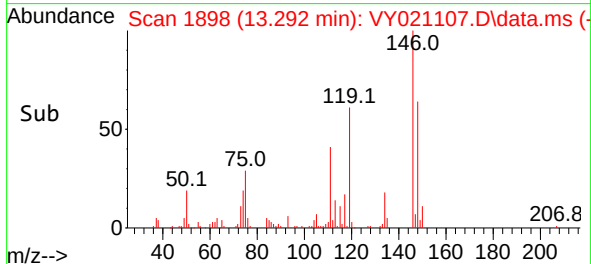
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



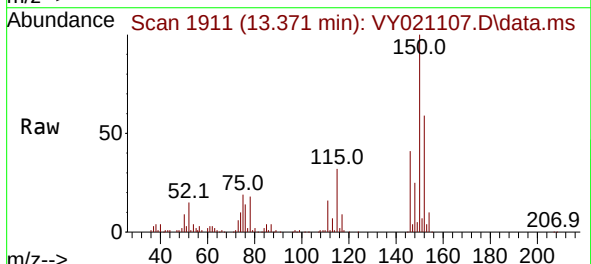
Tgt Ion:146 Resp: 1859
Ion Ratio Lower Upper
146 100
111 39.4 20.2 60.5
148 63.3 31.9 95.9

Manual Integrations
APPROVED

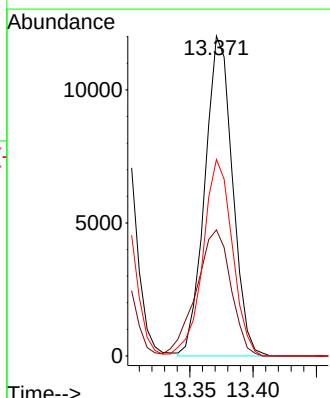
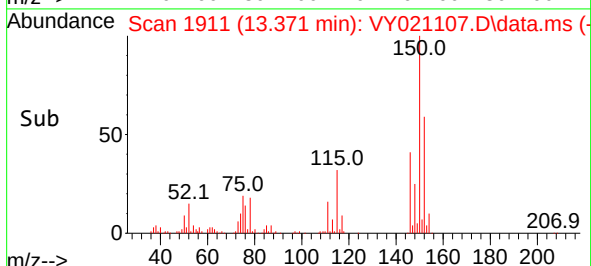
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

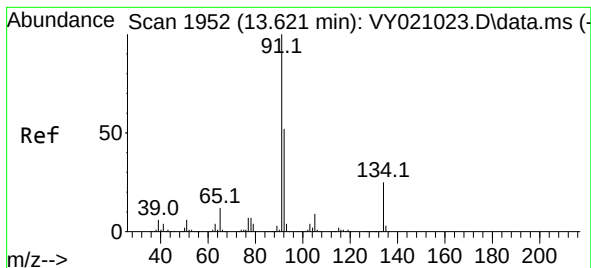


#88
1,4-Dichlorobenzene
Concen: 4.052 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53



Tgt Ion:146 Resp: 18261
Ion Ratio Lower Upper
146 100
111 49.3 19.3 57.9
148 65.1 31.6 94.7





#89

n-Butylbenzene

Concen: 3.525 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

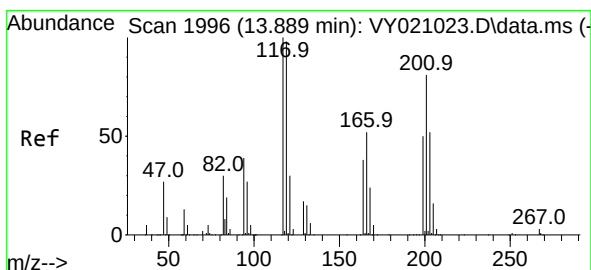
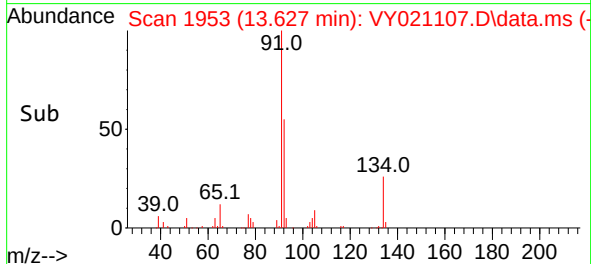
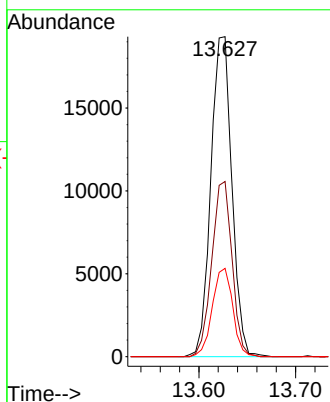
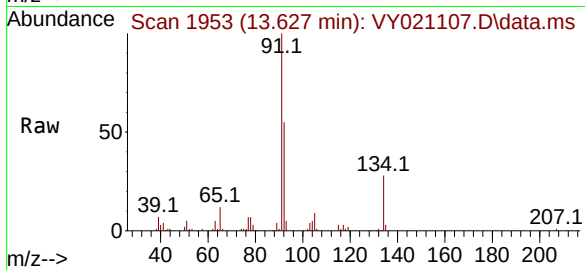
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:	91	Resp:	2911
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.4	79.2
134	26.9	12.3	36.8

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 3.895 ug/l

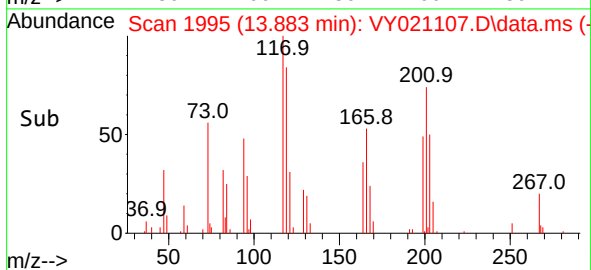
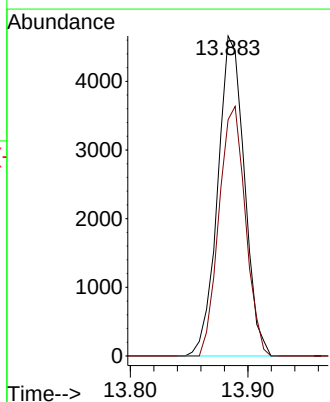
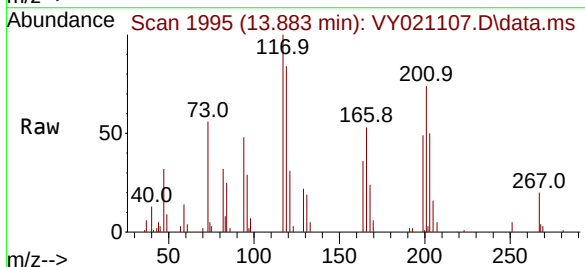
RT: 13.883 min Scan# 1995

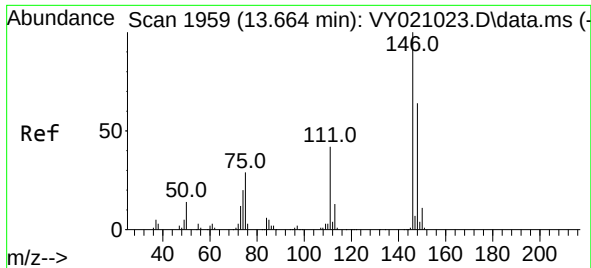
Delta R.T. -0.006 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

Tgt Ion:	117	Resp:	7357
Ion Ratio	Lower	Upper	
117	100		
201	77.2	33.4	100.1





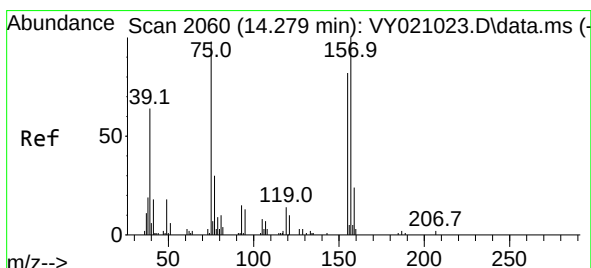
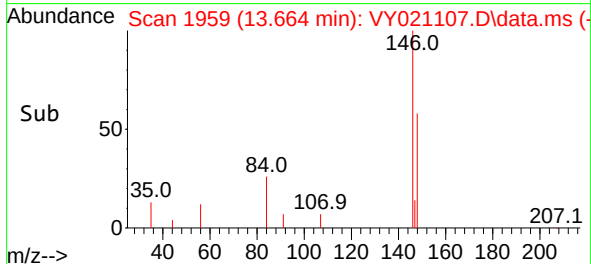
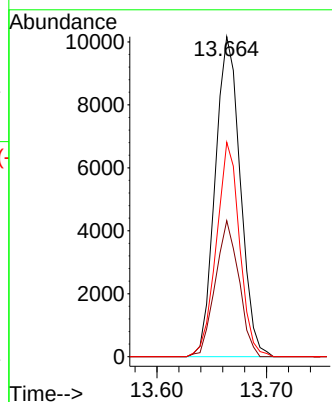
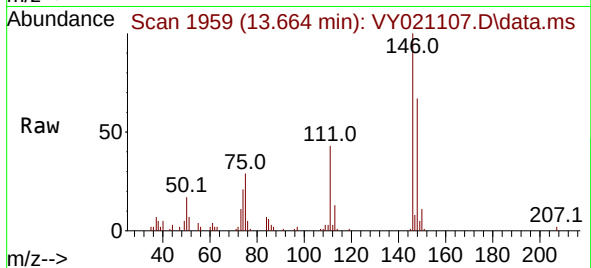
#91
1,2-Dichlorobenzene
Concen: 4.071 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

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

Tgt Ion:146 Resp: 1617
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.6
148 62.0 31.4 94.3

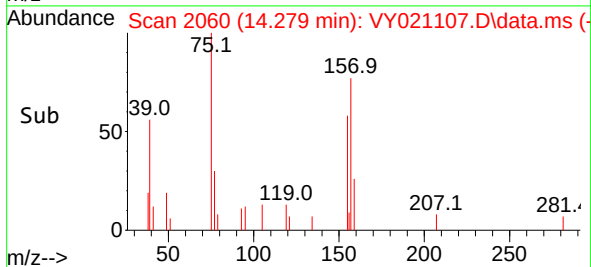
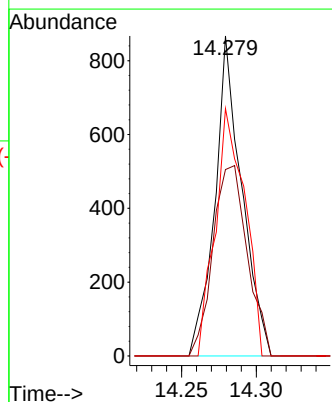
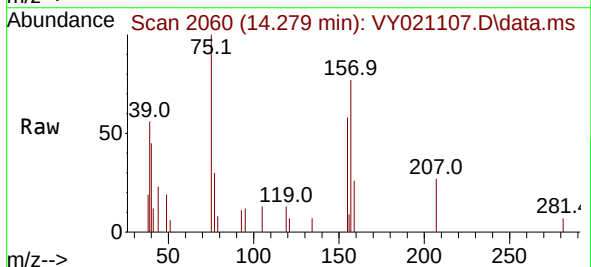
Manual Integrations
APPROVED

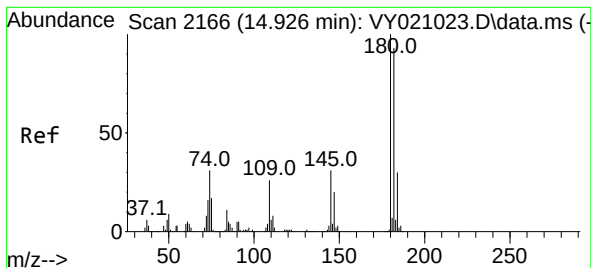
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.242 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion: 75 Resp: 1083
Ion Ratio Lower Upper
75 100
155 76.4 42.1 126.3
157 84.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 3.622 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021107.D

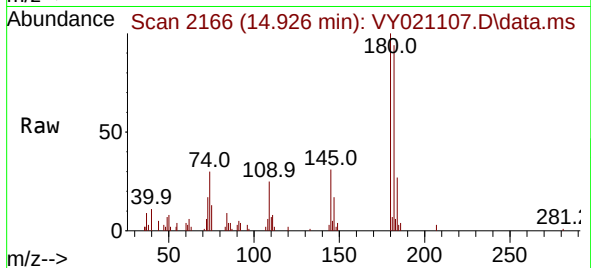
Acq: 06 Feb 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:180 Resp: 8010

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.7

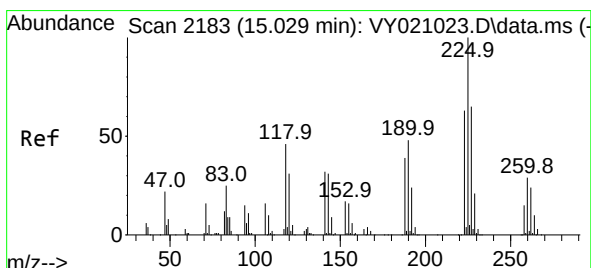
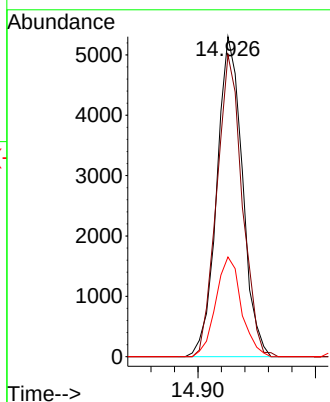
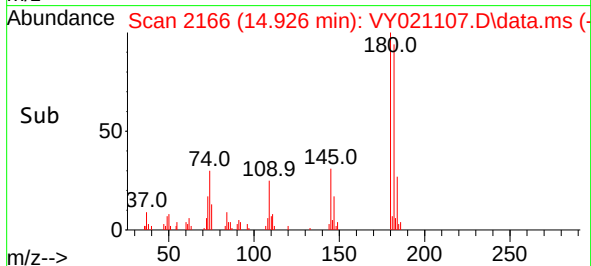
145 31.2 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#94

Hexachlorobutadiene

Concen: 3.905 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021107.D

Acq: 06 Feb 2025 12:53

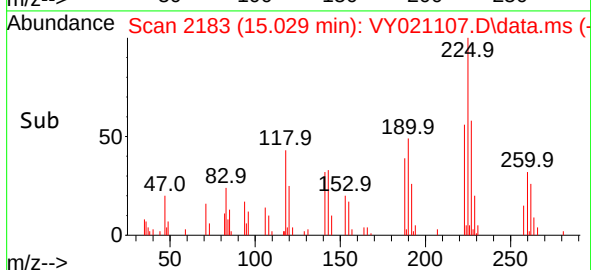
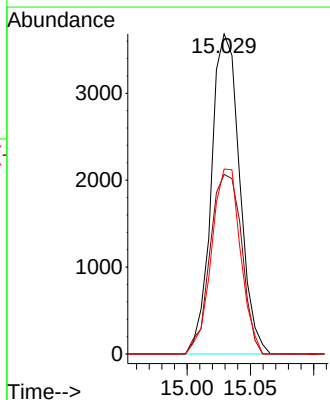
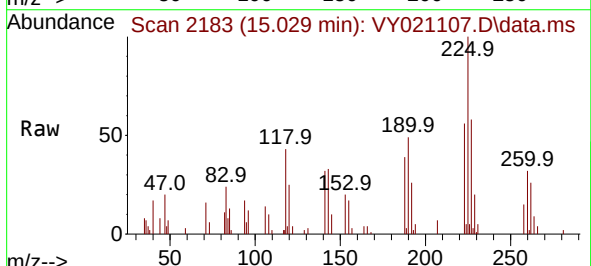
Tgt Ion:225 Resp: 5723

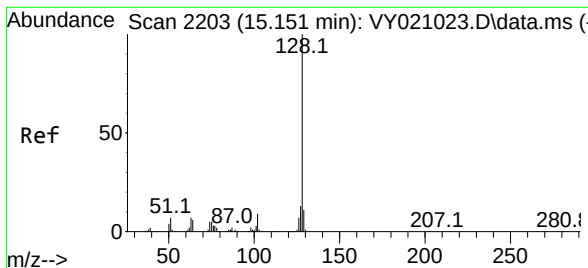
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

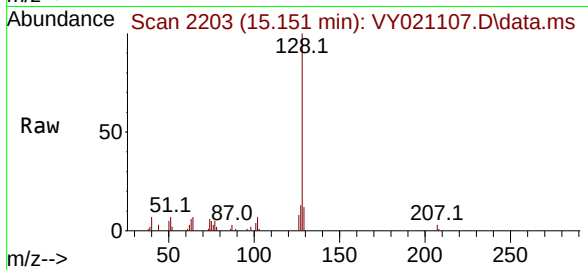
227 59.4 32.3 96.8





#95
Naphthalene
Concen: 3.427 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

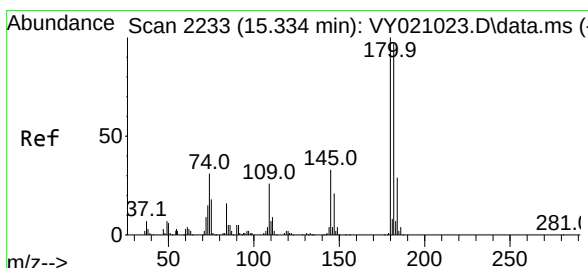
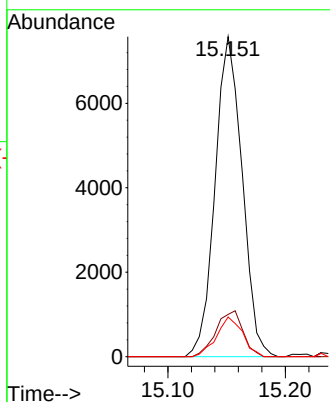
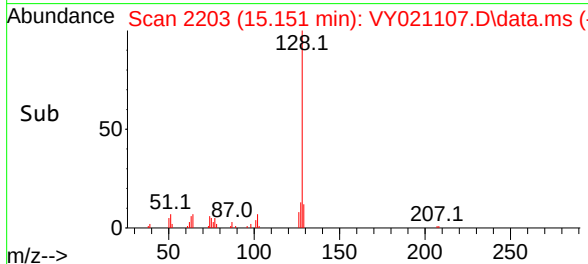
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:128 Resp: 12124
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.4
129 11.9 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: 3.572 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021107.D
Acq: 06 Feb 2025 12:53

Tgt Ion:180 Resp: 6574
Ion Ratio Lower Upper
180 100
182 97.3 46.3 138.8
145 31.7 16.1 48.2

