

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023684.D
 Acq On : 05 Nov 2025 11:53
 Operator : SY/MD
 Sample : Q3530-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

Quant Time: Nov 06 03:28:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	507599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	813248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	693999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	327169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	241464	55.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.540%
35) Dibromofluoromethane	7.634	113	257778	50.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.440%
50) Toluene-d8	10.109	98	937517	49.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.401	95	285312	46.602	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	8546	2.565	ug/l	96
3) Chloromethane	2.074	50	12938	2.775	ug/l	93
4) Vinyl Chloride	2.208	62	15547	2.562	ug/l	90
5) Bromomethane	2.598	94	17636	3.456	ug/l	97
6) Chloroethane	2.745	64	11688	2.787	ug/l	96
7) Trichlorofluoromethane	3.062	101	22752	2.663	ug/l	98
8) Diethyl Ether	3.458	74	6606	2.883	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	13216	2.807	ug/l	96
10) Methyl Iodide	4.001	142	11829	2.128	ug/l	98
11) Tert butyl alcohol	4.854	59	12456	44.614	ug/l #	80
12) 1,1-Dichloroethene	3.793	96	12371	2.728	ug/l	94
13) Acrolein	3.659	56	5477	15.263	ug/l	97
14) Allyl chloride	4.385	41	14405	2.610	ug/l	98
15) Acrylonitrile	5.074	53	12110	13.829	ug/l #	96
16) Acetone	3.879	43	14168	13.164	ug/l	97
17) Carbon Disulfide	4.110	76	37734	2.711	ug/l #	94
18) Methyl Acetate	4.391	43	6539	2.754	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	26393	2.510	ug/l	98
20) Methylene Chloride	4.616	84	26615	5.123	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	13472	2.635	ug/l	90
22) Diisopropyl ether	6.018	45	29371	2.388	ug/l #	84
23) Vinyl Acetate	5.964	43	77357	11.785	ug/l	98
24) 1,1-Dichloroethane	5.921	63	22309	2.722	ug/l #	95
25) 2-Butanone	6.896	43	17787	14.294	ug/l	97
26) 2,2-Dichloropropane	6.890	77	26149	3.469	ug/l	89
27) cis-1,2-Dichloroethene	6.896	96	15472	2.649	ug/l	87
28) Bromochloromethane	7.244	49	8601	2.741	ug/l	97
29) Tetrahydrofuran	7.262	42	8537	12.882	ug/l	94
30) Chloroform	7.415	83	25502	2.789	ug/l	85
31) Cyclohexane	7.701	56	25334	3.550	ug/l #	56
32) 1,1,1-Trichloroethane	7.622	97	22225	2.720	ug/l	100
36) 1,1-Dichloropropene	7.835	75	15874	2.337	ug/l	97
37) Ethyl Acetate	6.982	43	6236	2.372	ug/l #	84
38) Carbon Tetrachloride	7.823	117	20524	2.565	ug/l	100
39) Methylcyclohexane	9.109	83	20370	2.347	ug/l	95
40) Benzene	8.079	78	53810	2.514	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	3024	2.107	ug/l #	79
42) 1,2-Dichloroethane	8.164	62	14449	2.668	ug/l	96
43) Isopropyl Acetate	8.201	43	12191	2.468	ug/l	97
44) Trichloroethene	8.866	130	15503	2.521	ug/l	98
45) 1,2-Dichloropropane	9.146	63	12154	2.573	ug/l	97
46) Dibromomethane	9.231	93	7445	2.543	ug/l	98
47) Bromodichloromethane	9.426	83	19312	2.617	ug/l	97
48) Methyl methacrylate	9.225	41	4404	1.887	ug/l #	82
49) 1,4-Dioxane	9.225	88	1360	45.398	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	27050	10.297	ug/l	100
52) Toluene	10.170	92	33754	2.470	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	15179	2.431	ug/l	92
54) cis-1,3-Dichloropropene	9.859	75	16816	2.248	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	10140	2.592	ug/l	95
56) Ethyl methacrylate	10.438	69	8789	2.039	ug/l	98
57) 1,3-Dichloropropane	10.719	76	15226	2.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	16765	8.476	ug/l	98
59) 2-Hexanone	10.762	43	18549	9.678	ug/l	96
60) Dibromochloromethane	10.914	129	13255	2.466	ug/l	100
61) 1,2-Dibromoethane	11.018	107	8745	2.382	ug/l	97
64) Tetrachloroethene	10.646	164	18680	2.586	ug/l	96
65) Chlorobenzene	11.444	112	38855	2.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	13261	2.482	ug/l	96
67) Ethyl Benzene	11.518	91	55720	2.279	ug/l	96
68) m/p-Xylenes	11.627	106	41884	4.287	ug/l	97
69) o-Xylene	11.956	106	19493	2.158	ug/l	98
70) Styrene	11.969	104	29839	2.003	ug/l	98
71) Bromoform	12.133	173	8034	2.575	ug/l #	95
73) Isopropylbenzene	12.255	105	48789	2.230	ug/l	98
74) N-amyl acetate	12.072	43	8086	2.183	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	9354	2.677	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	13200	4.985	ug/l #	100
77) Bromobenzene	12.530	156	15341	2.703	ug/l	100
78) n-propylbenzene	12.590	91	62670	2.435	ug/l	100
79) 2-Chlorotoluene	12.676	91	36692	2.457	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	39826	2.240	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.408	75	141332	120.628	ug/l #	14
82) 4-Chlorotoluene	12.773	91	38651	2.509	ug/l	97
83) tert-Butylbenzene	12.999	119	36888	2.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	37194	2.112	ug/l	96
85) sec-Butylbenzene	13.176	105	52677	2.256	ug/l	99
86) p-Isopropyltoluene	13.292	119	41951	2.122	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	28926	2.589	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	30117	2.744	ug/l	89
89) n-Butylbenzene	13.615	91	38848	2.260	ug/l	99
90) Hexachloroethane	13.877	117	12023	2.830	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	24433	2.538	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1626	3.022	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	12575	2.284	ug/l	96
94) Hexachlorobutadiene	15.023	225	9554	2.648	ug/l	93
95) Naphthalene	15.139	128	16143	6.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	10431	2.267	ug/l	97

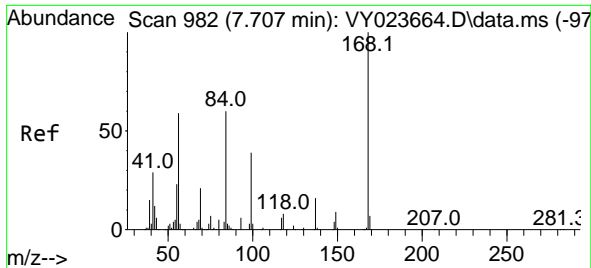
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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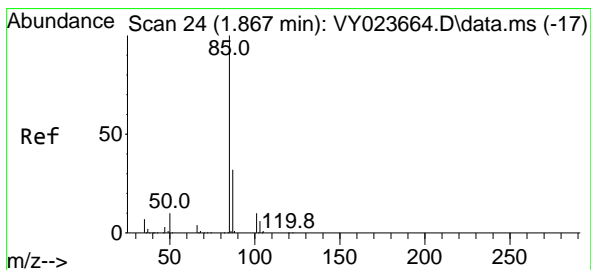
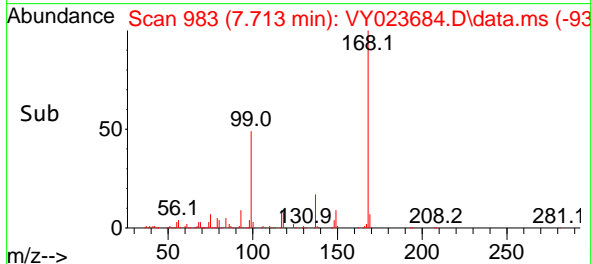
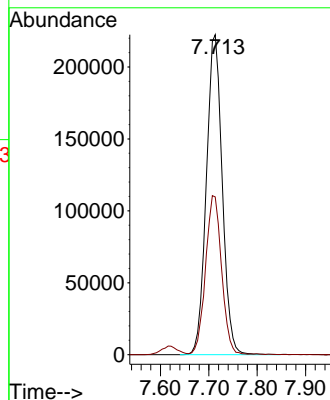
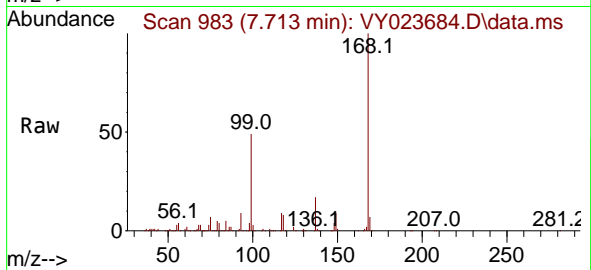
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY023684.D
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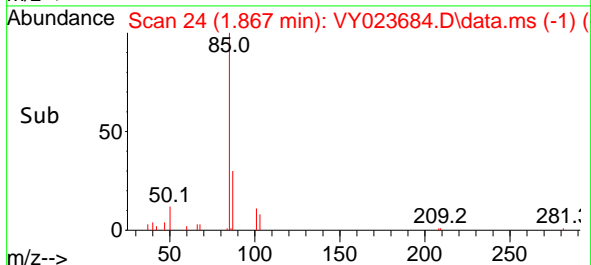
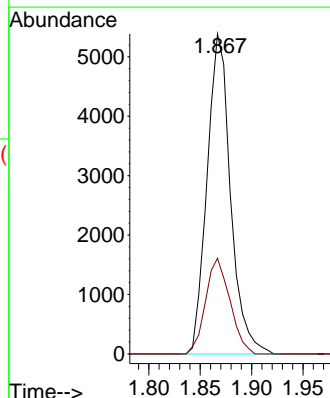
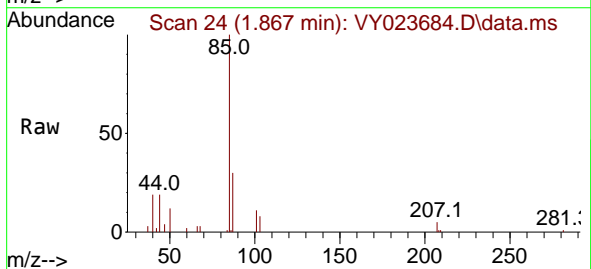
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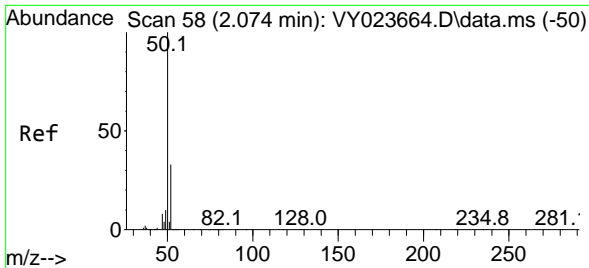
Tgt Ion:168 Resp: 507599
 Ion Ratio Lower Upper
 168 100
 99 49.2 41.0 61.4



#2
 Dichlorodifluoromethane
 Concen: 2.565 ug/l
 RT: 1.867 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 85 Resp: 8546
 Ion Ratio Lower Upper
 85 100
 87 29.9 16.2 48.6

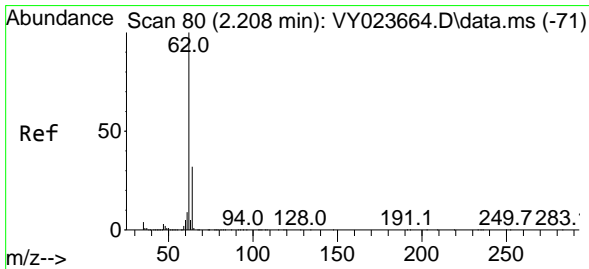
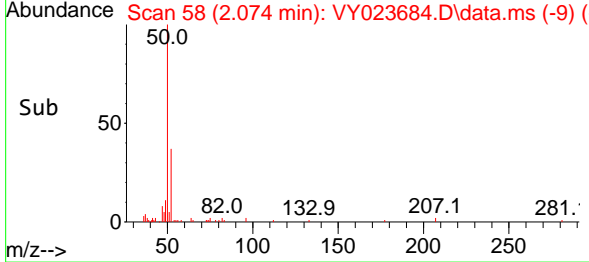
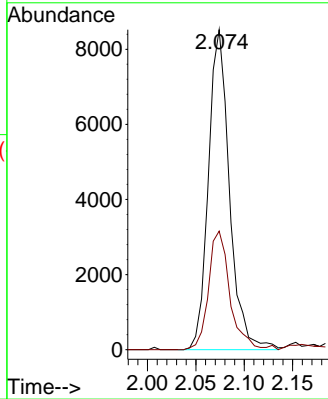
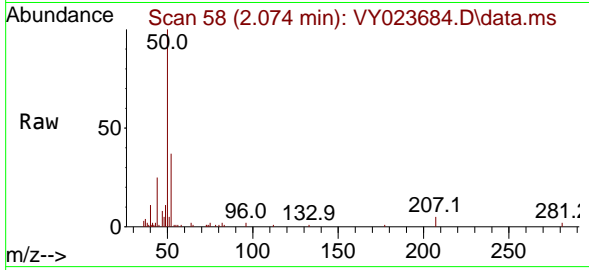




#3
 Chloromethane
 Concen: 2.775 ug/l
 RT: 2.074 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

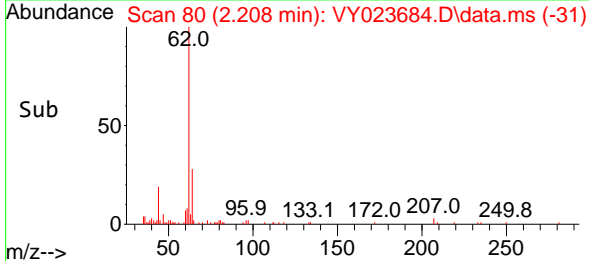
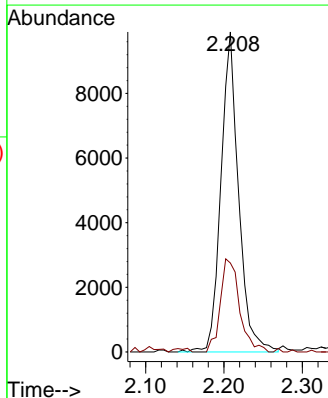
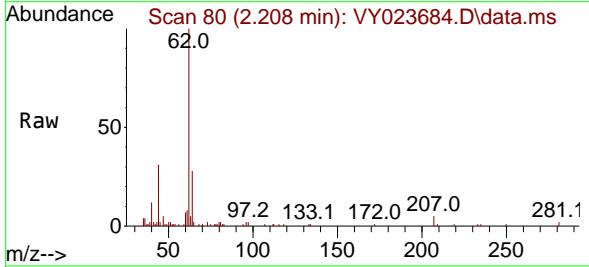
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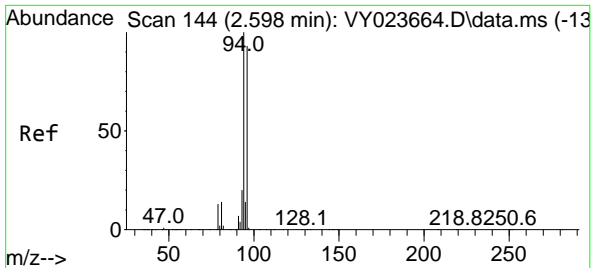
Tgt Ion: 50 Resp: 12938
 Ion Ratio Lower Upper
 50 100
 52 37.0 26.5 39.7



#4
 Vinyl Chloride
 Concen: 2.562 ug/l
 RT: 2.208 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 62 Resp: 15547
 Ion Ratio Lower Upper
 62 100
 64 26.7 25.7 38.5

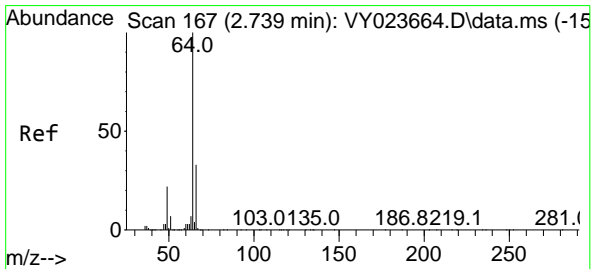
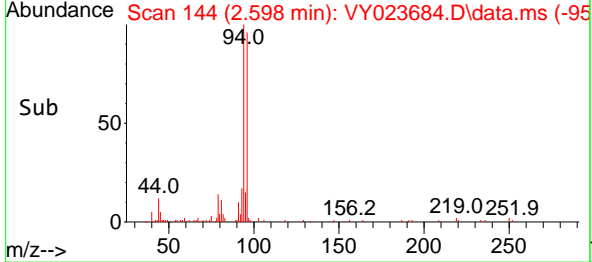
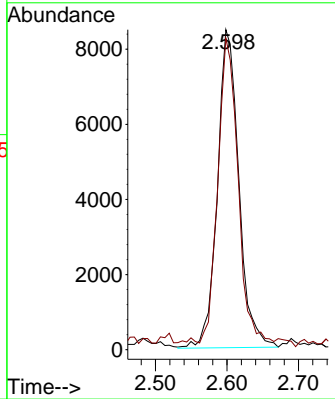
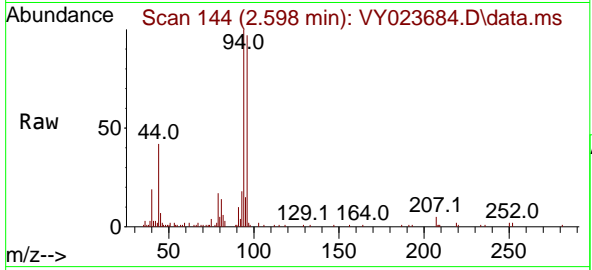




#5
 Bromomethane
 Concen: 3.456 ug/l
 RT: 2.598 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

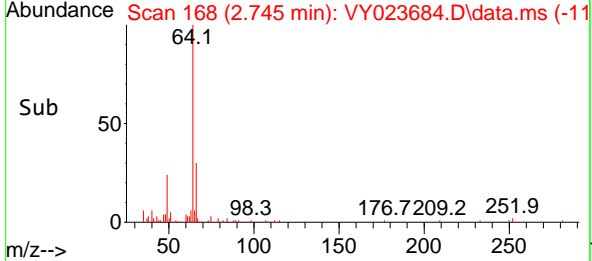
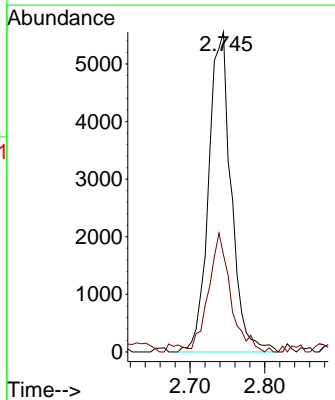
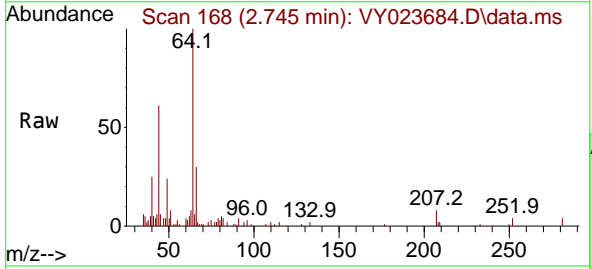
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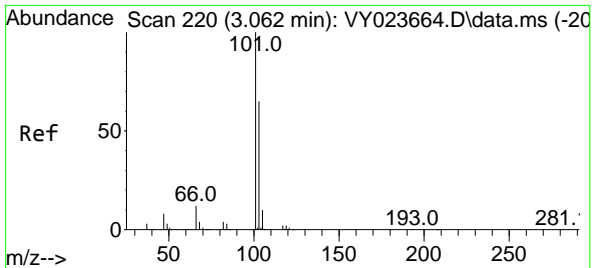
Tgt Ion: 94 Resp: 17636
 Ion Ratio Lower Upper
 94 100
 96 95.9 74.4 111.6



#6
 Chloroethane
 Concen: 2.787 ug/l
 RT: 2.745 min Scan# 168
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 64 Resp: 11688
 Ion Ratio Lower Upper
 64 100
 66 30.4 26.2 39.4

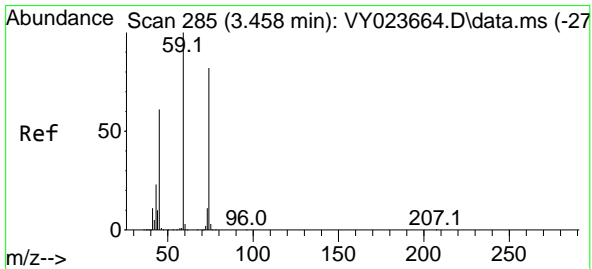
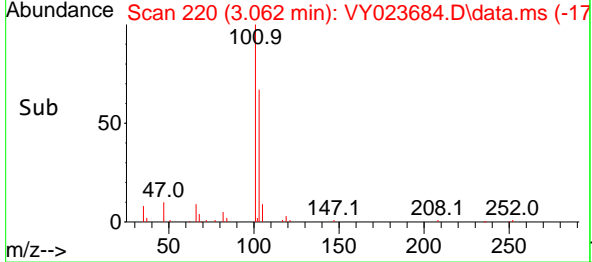
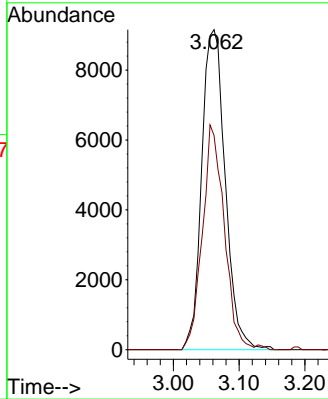
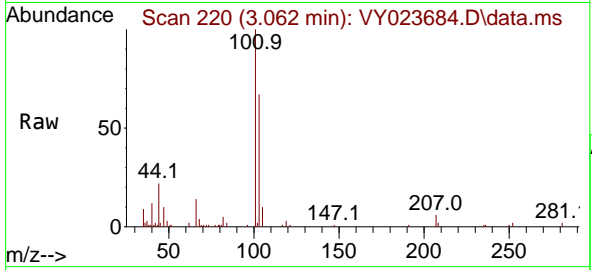




#7
 Trichlorofluoromethane
 Concen: 2.663 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
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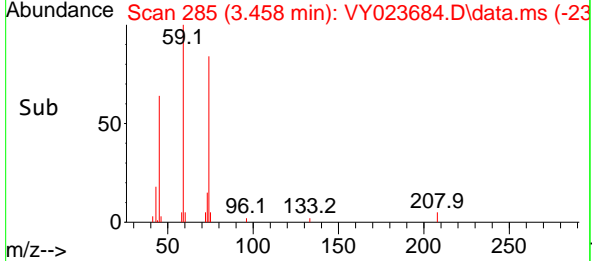
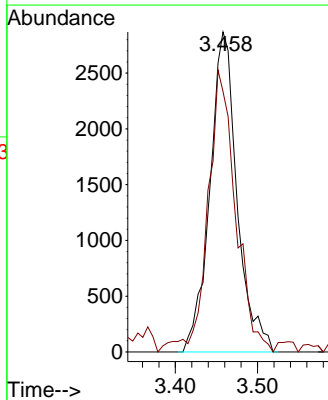
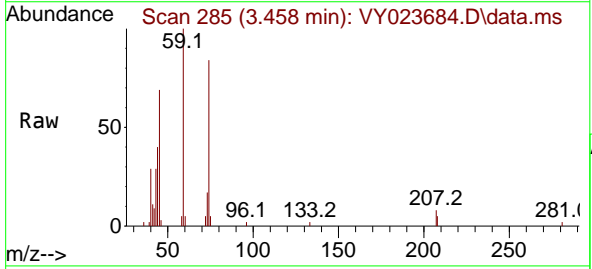
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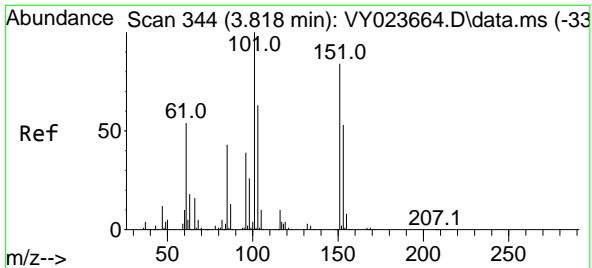
Tgt Ion: 101 Resp: 22752
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.1 78.1



#8
 Diethyl Ether
 Concen: 2.883 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 74 Resp: 6606
 Ion Ratio Lower Upper
 74 100
 45 89.9 40.6 121.7

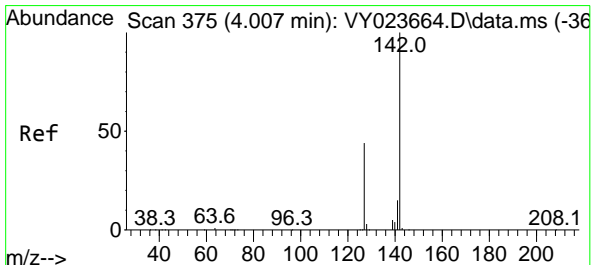
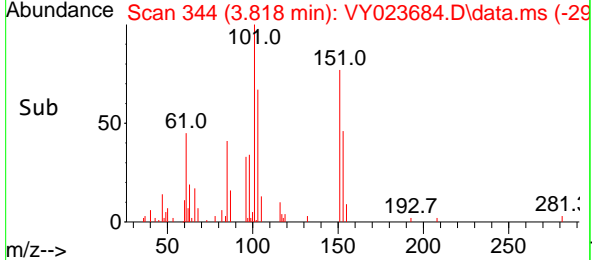
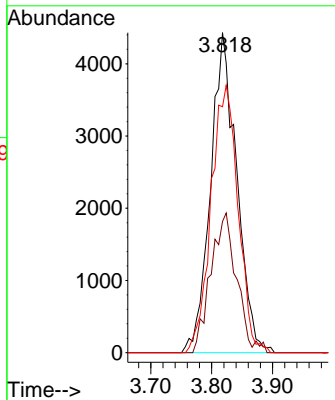
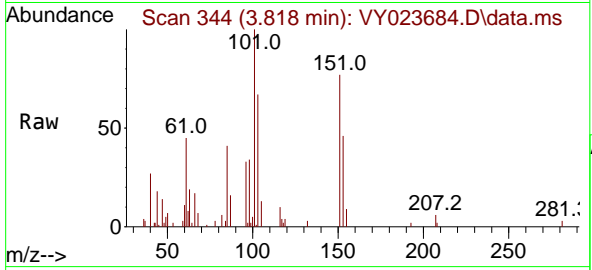




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.807 ug/l
 RT: 3.818 min Scan# 344
 Delta R.T. 0.000 min
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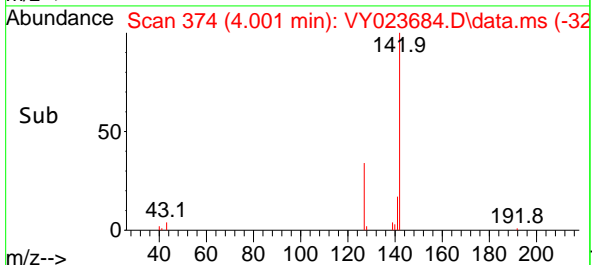
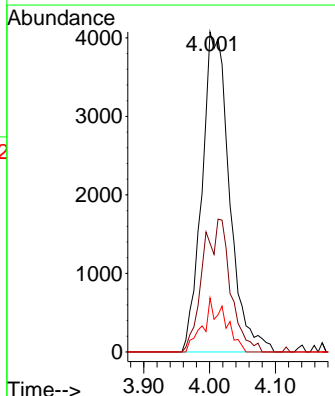
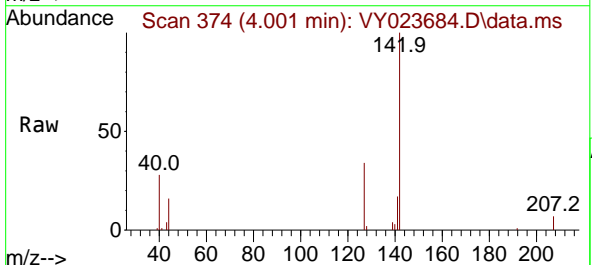
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

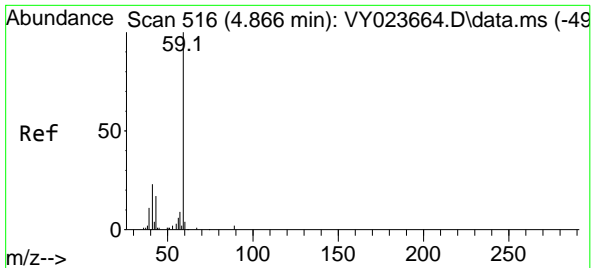
Tgt Ion	Resp	Lower	Upper
101	13216		
101	100		
85	42.2	34.4	51.6
151	86.2	65.6	98.4



#10
 Methyl Iodide
 Concen: 2.128 ug/l
 RT: 4.001 min Scan# 374
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
142	11829		
142	100		
127	42.0	34.6	51.8
141	13.7	11.6	17.4

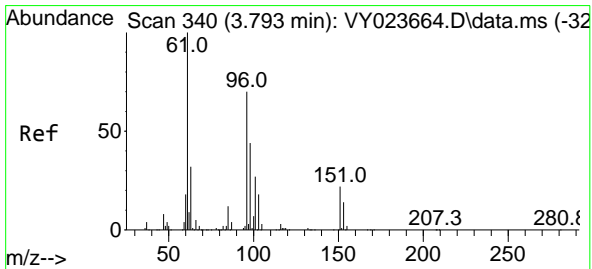
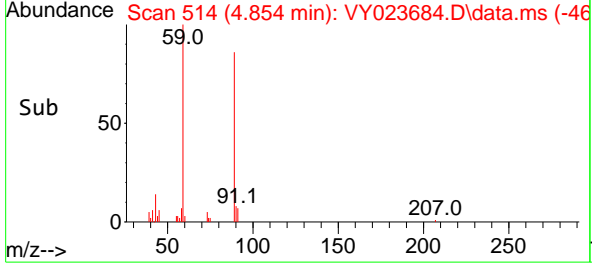
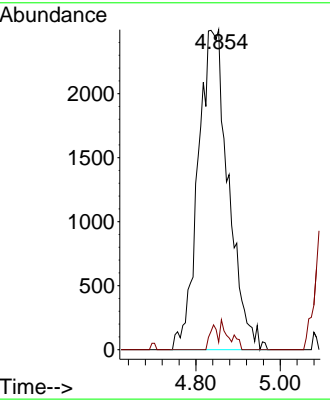
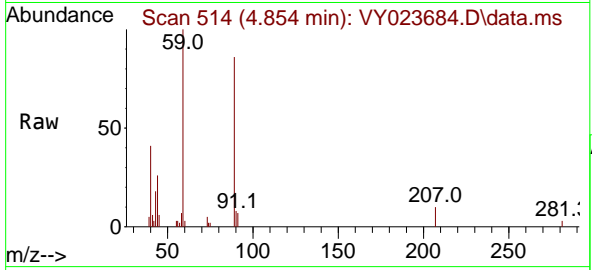




#11
 Tert butyl alcohol
 Concen: 44.614 ug/l
 RT: 4.854 min Scan# 516
 Delta R.T. -0.012 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

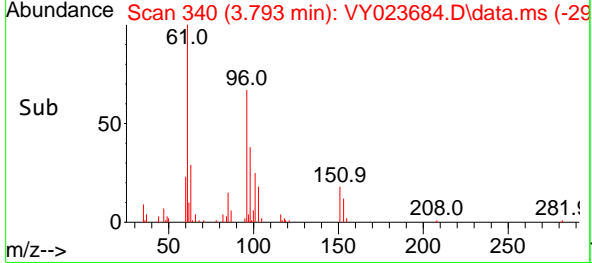
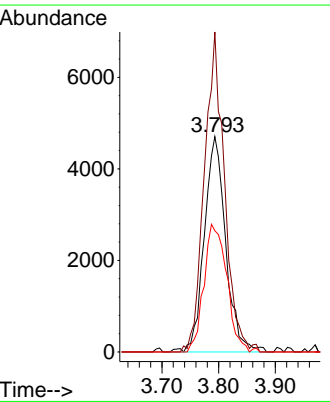
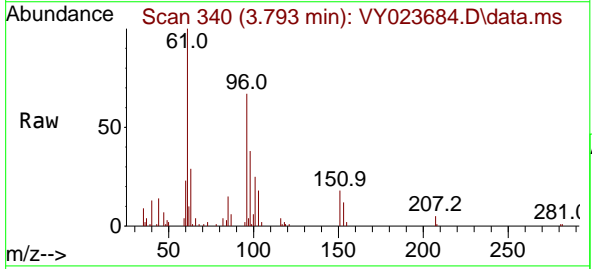
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

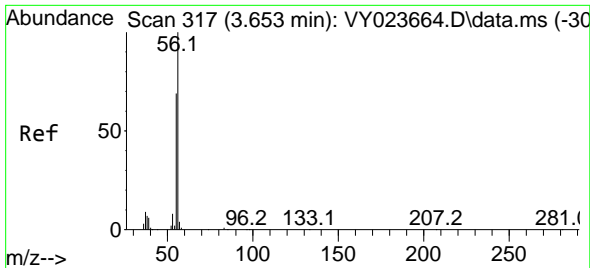
Tgt Ion: 59 Resp: 12456
 Ion Ratio Lower Upper
 59 100
 57 1.9 7.4 11.2#



#12
 1,1-Dichloroethene
 Concen: 2.728 ug/l
 RT: 3.793 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

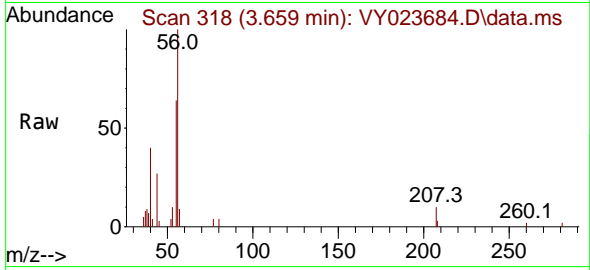
Tgt Ion: 96 Resp: 12371
 Ion Ratio Lower Upper
 96 100
 61 148.6 114.0 171.0
 98 56.3 50.2 75.2



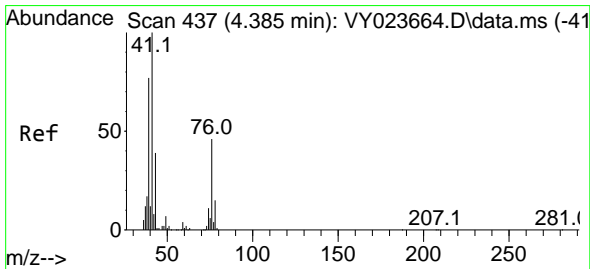
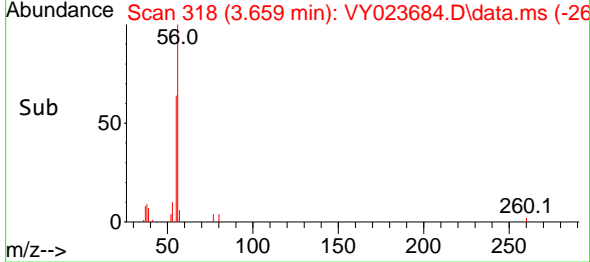
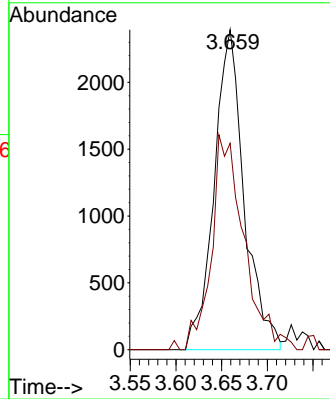


#13
 Acrolein
 Concen: 15.263 ug/l
 RT: 3.659 min Scan# 317
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

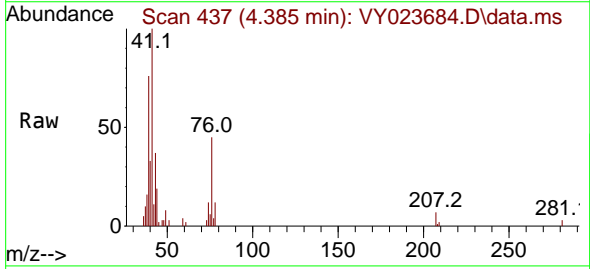
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



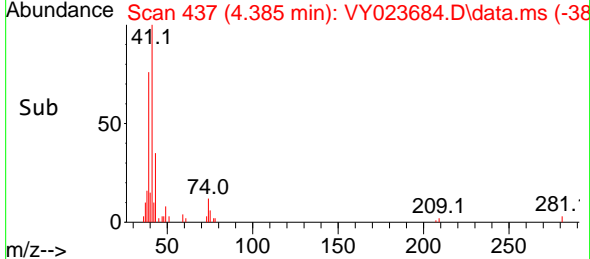
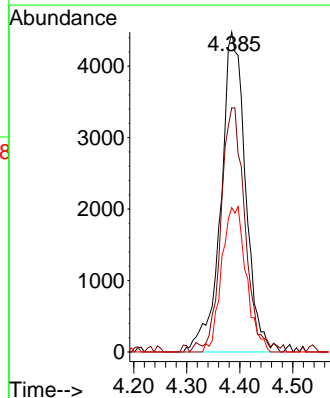
Tgt Ion: 56 Resp: 5477
 Ion Ratio Lower Upper
 56 100
 55 73.0 56.6 84.8

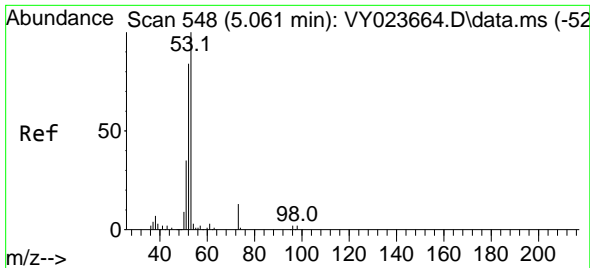


#14
 Allyl chloride
 Concen: 2.610 ug/l
 RT: 4.385 min Scan# 437
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 41 Resp: 14405
 Ion Ratio Lower Upper
 41 100
 39 74.0 60.4 90.6
 76 45.2 38.0 57.0

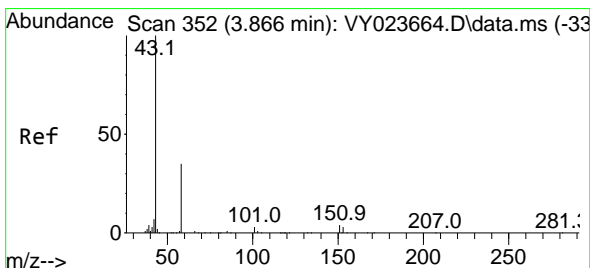
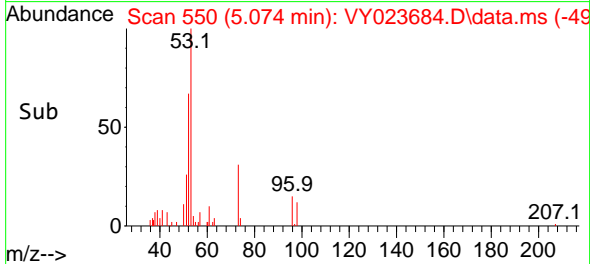
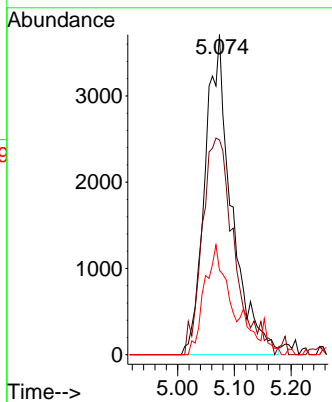
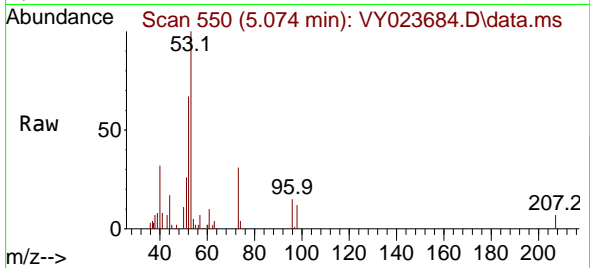




#15
 Acrylonitrile
 Concen: 13.829 ug/l
 RT: 5.074 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

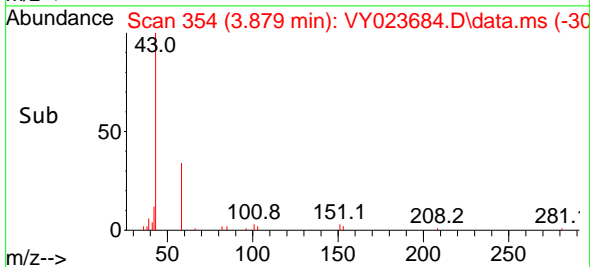
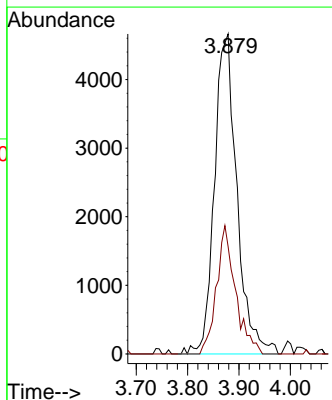
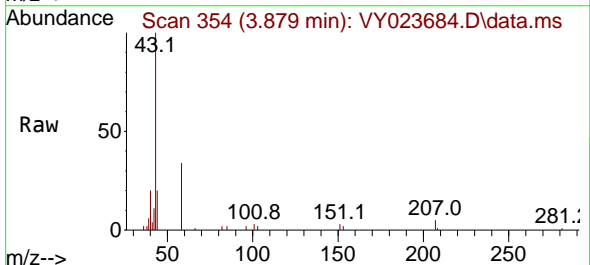
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

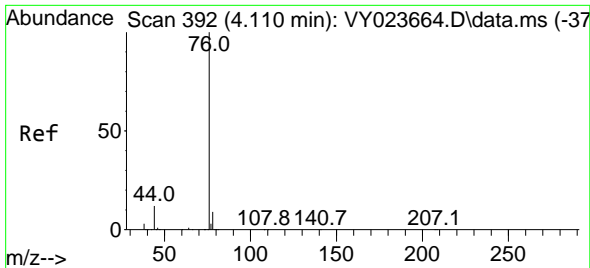
Tgt Ion	Resp	Lower	Upper
53	12110		
52	80.9	64.9	97.3
51	29.3	29.4	44.0



#16
 Acetone
 Concen: 13.164 ug/l
 RT: 3.879 min Scan# 354
 Delta R.T. 0.012 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

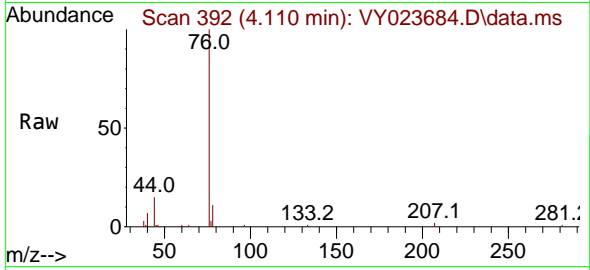
Tgt Ion	Resp	Lower	Upper
43	14168		
58	33.5	28.2	42.4



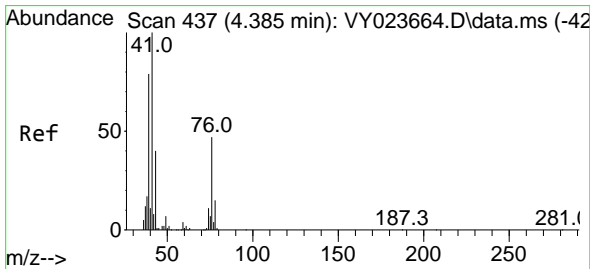
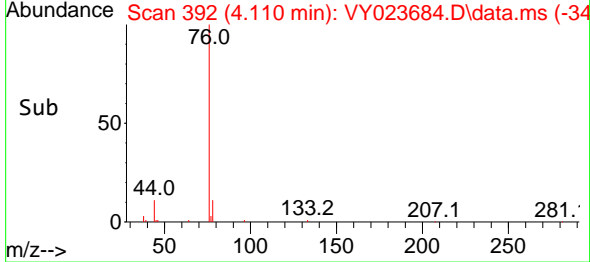
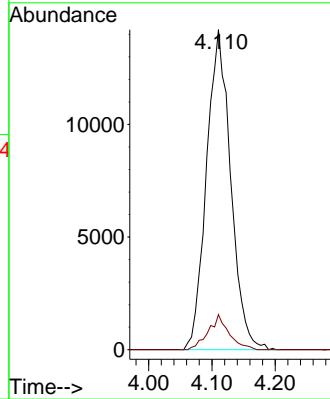


#17
 Carbon Disulfide
 Concen: 2.711 ug/l
 RT: 4.110 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

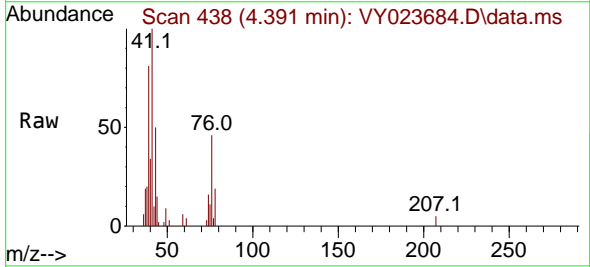
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



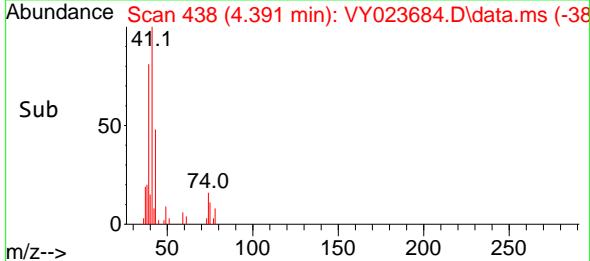
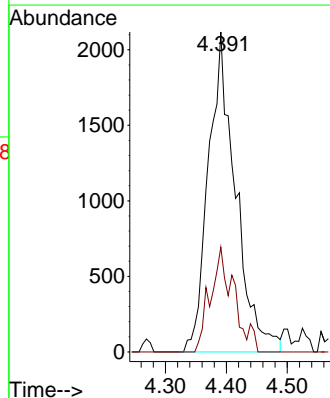
Tgt Ion: 76 Resp: 37734
 Ion Ratio Lower Upper
 76 100
 78 10.9 7.1 10.7#

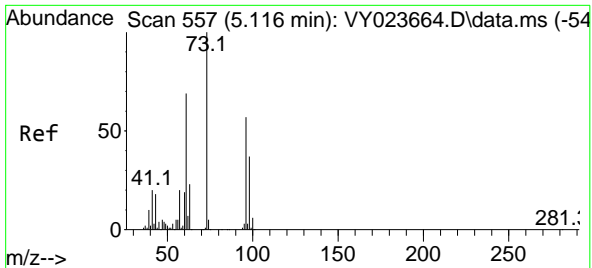


#18
 Methyl Acetate
 Concen: 2.754 ug/l
 RT: 4.391 min Scan# 438
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 43 Resp: 6539
 Ion Ratio Lower Upper
 43 100
 74 26.7 22.5 33.7

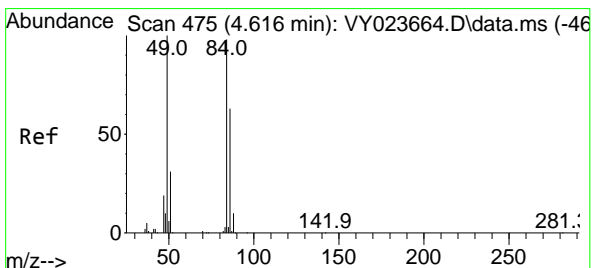
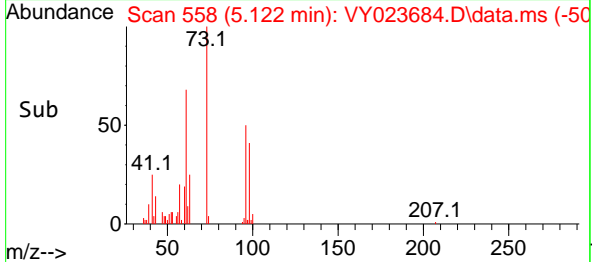
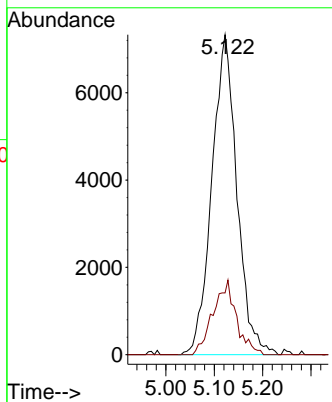
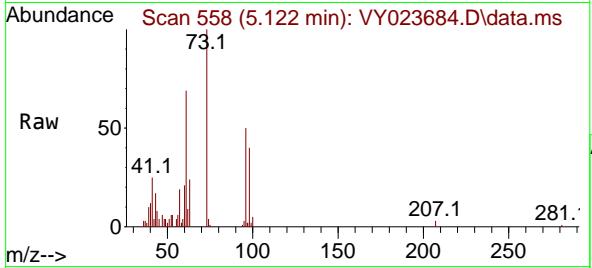




#19
 Methyl tert-butyl Ether
 Concen: 2.510 ug/l
 RT: 5.122 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

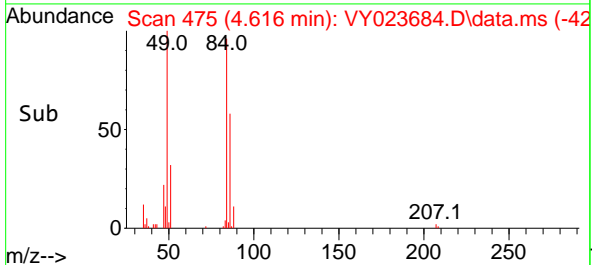
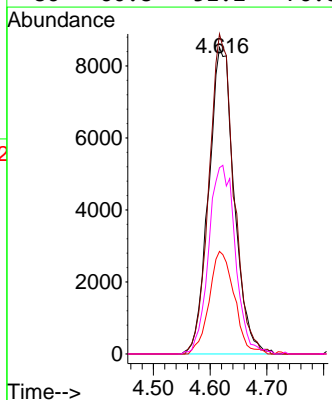
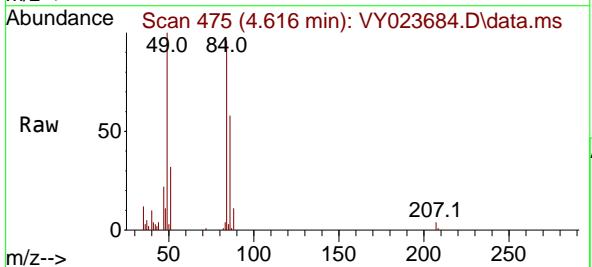
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

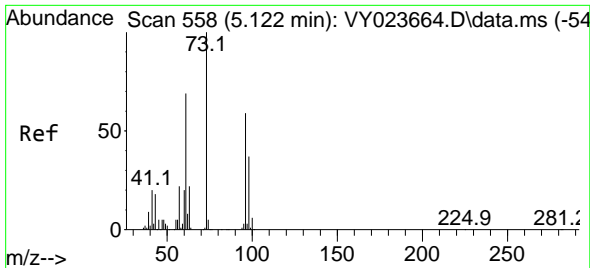
Tgt Ion: 73 Resp: 26393
 Ion Ratio Lower Upper
 73 100
 57 19.3 16.1 24.1



#20
 Methylene Chloride
 Concen: 5.123 ug/l
 RT: 4.616 min Scan# 475
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

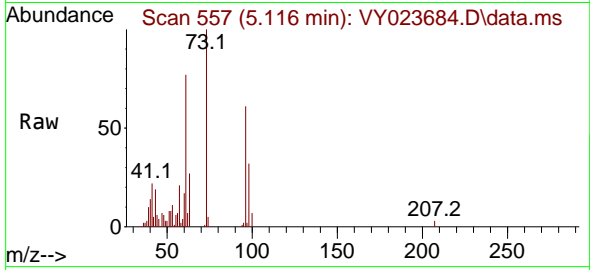
Tgt Ion: 84 Resp: 26615
 Ion Ratio Lower Upper
 84 100
 49 104.4 81.5 122.3
 51 33.5 25.5 38.3
 86 60.8 51.2 76.8



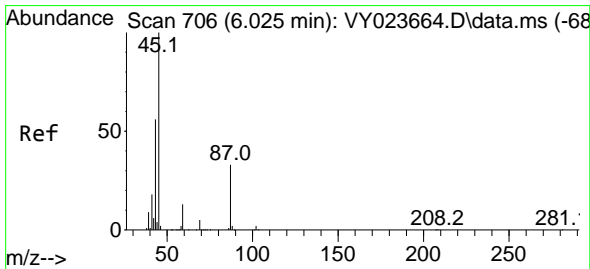
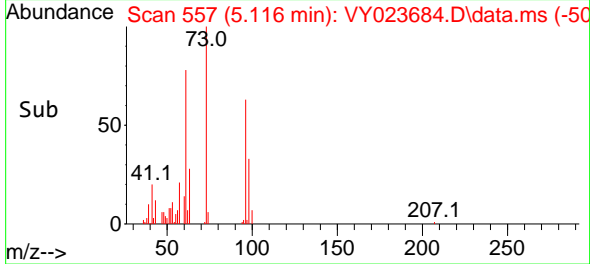
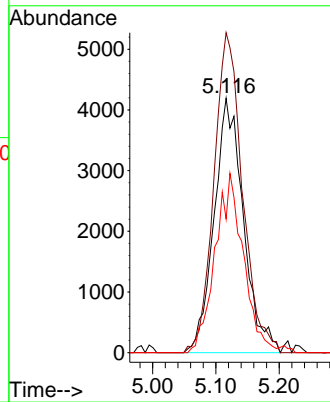


#21
 trans-1,2-Dichloroethene
 Concen: 2.635 ug/l
 RT: 5.116 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

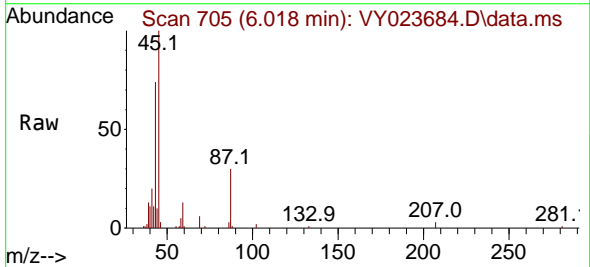
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



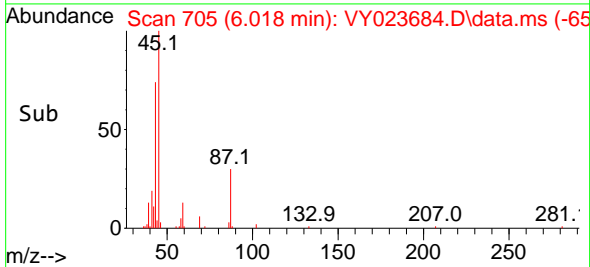
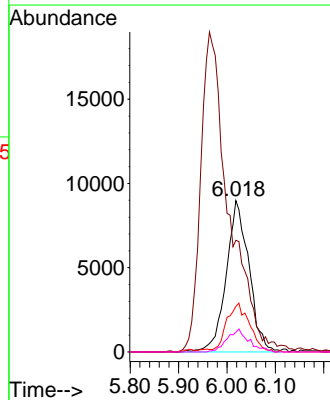
Tgt Ion: 96 Resp: 13472
 Ion Ratio Lower Upper
 96 100
 61 125.8 93.3 139.9
 98 52.5 50.6 75.8

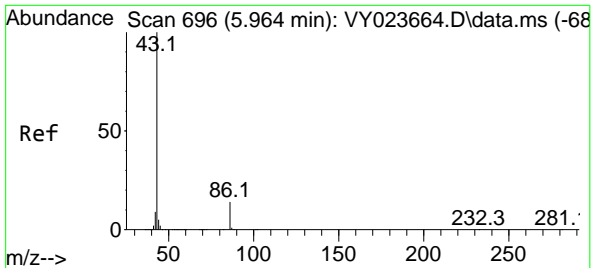


#22
 Diisopropyl ether
 Concen: 2.388 ug/l
 RT: 6.018 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 45 Resp: 29371
 Ion Ratio Lower Upper
 45 100
 43 73.7 44.7 67.1#
 87 29.3 27.2 40.8
 59 13.0 10.2 15.4

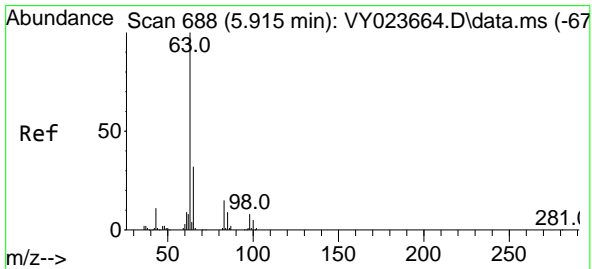
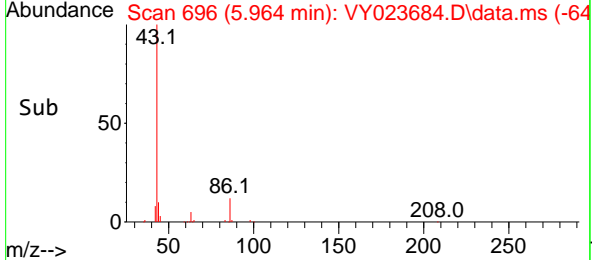
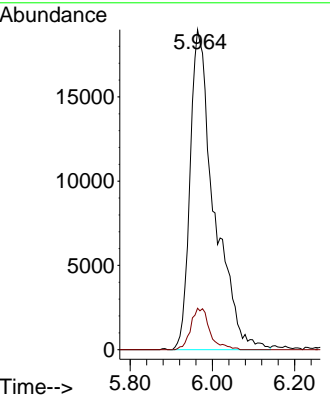
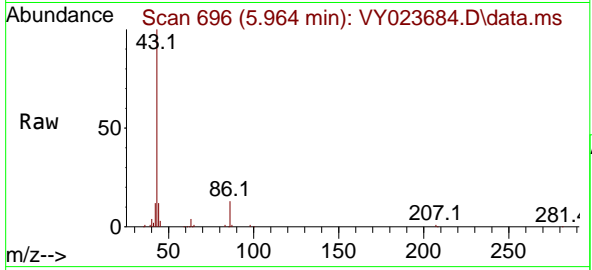




#23
 Vinyl Acetate
 Concen: 11.785 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

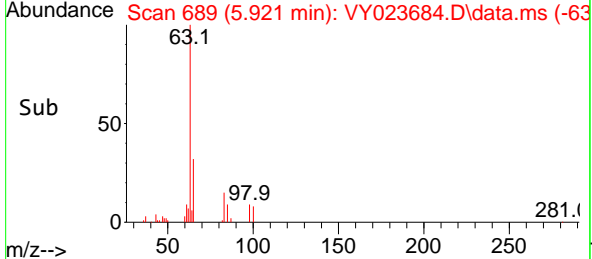
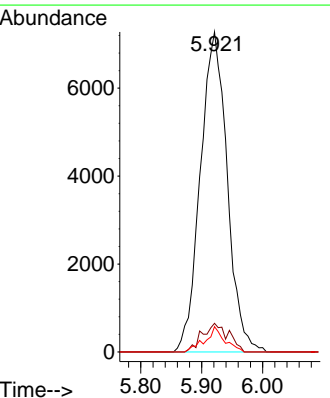
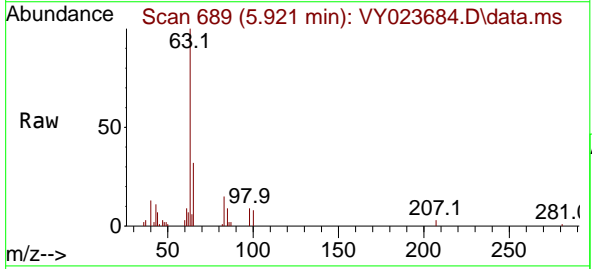
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

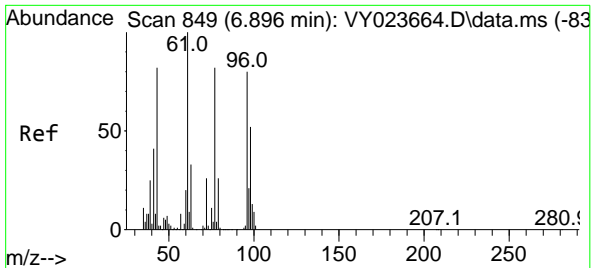
Tgt Ion	Resp	Ion Ratio	Lower	Upper
43	77357	100		
86		13.0	10.9	16.3



#24
 1,1-Dichloroethane
 Concen: 2.722 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Ion Ratio	Lower	Upper
63	22309	100		
98		8.9	4.0	11.9
100		7.9	2.6	7.8

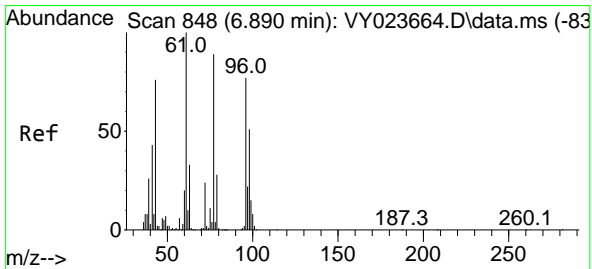
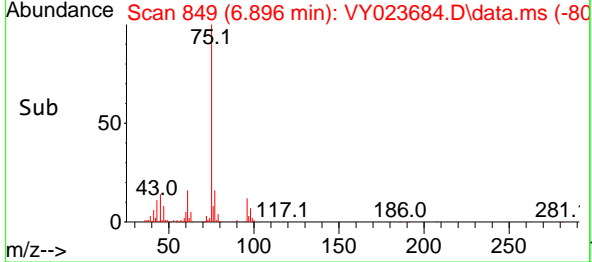
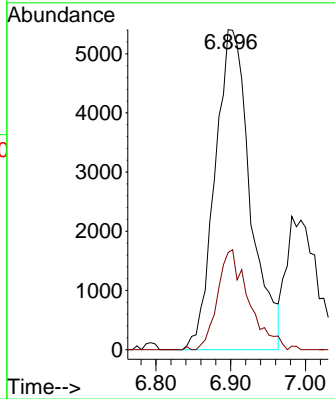
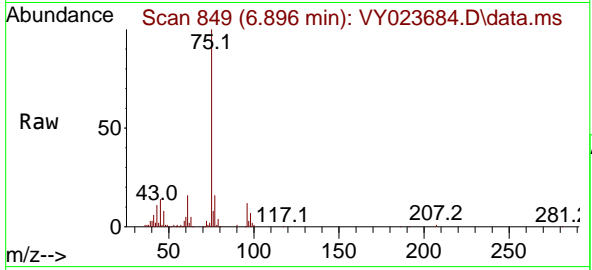




#25
 2-Butanone
 Concen: 14.294 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

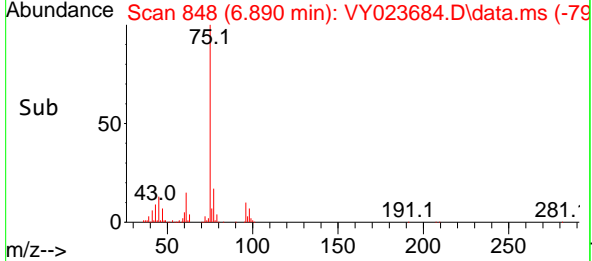
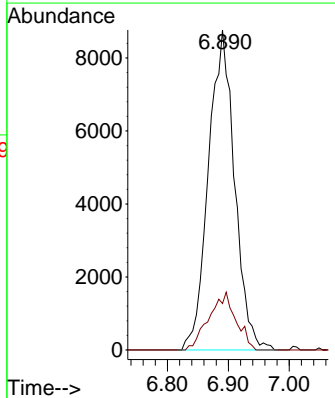
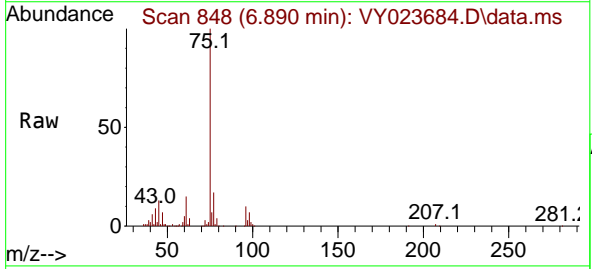
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

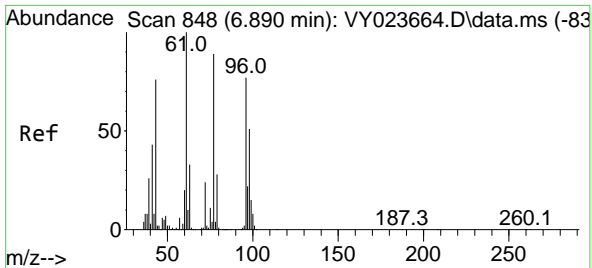
Tgt Ion: 43 Resp: 17787
 Ion Ratio Lower Upper
 43 100
 72 30.4 25.7 38.5



#26
 2,2-Dichloropropane
 Concen: 3.469 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 77 Resp: 26149
 Ion Ratio Lower Upper
 77 100
 97 18.6 12.0 36.1

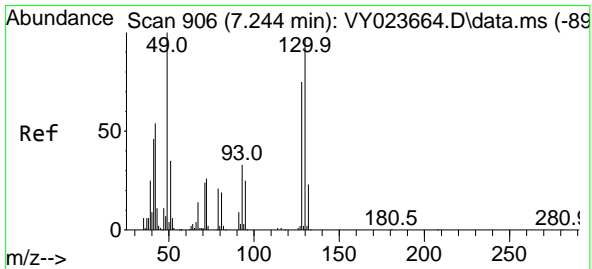
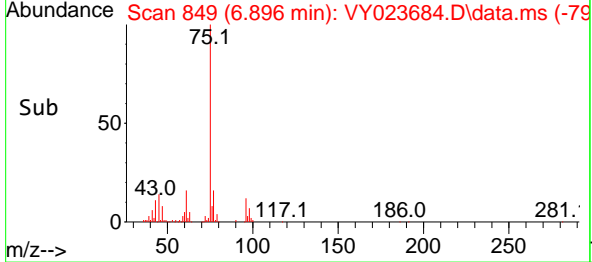
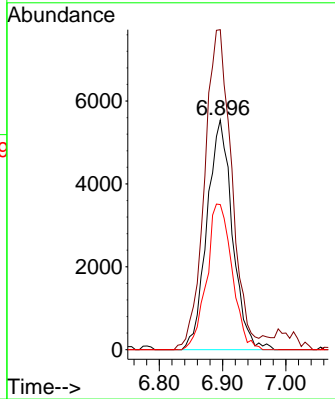
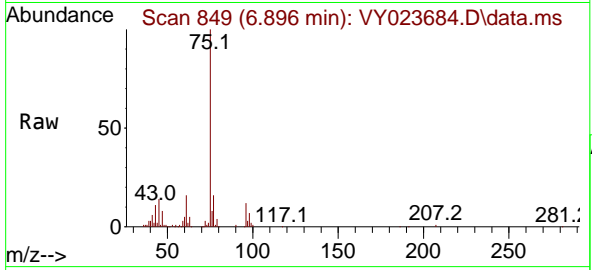




#27
 cis-1,2-Dichloroethene
 Concen: 2.649 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

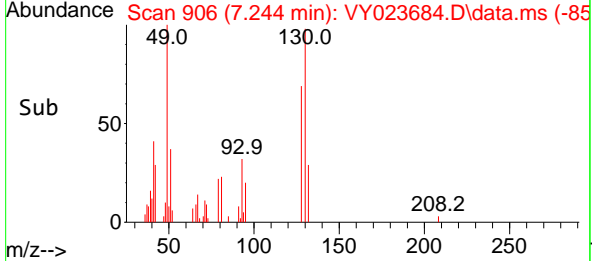
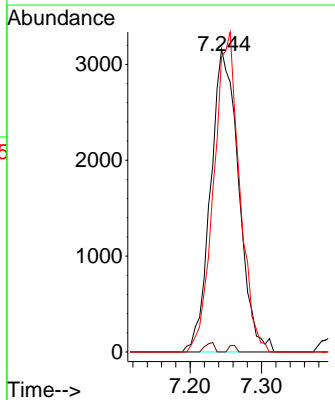
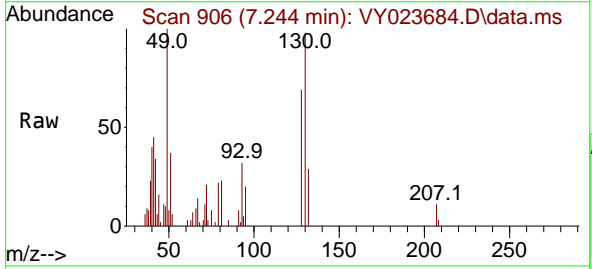
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

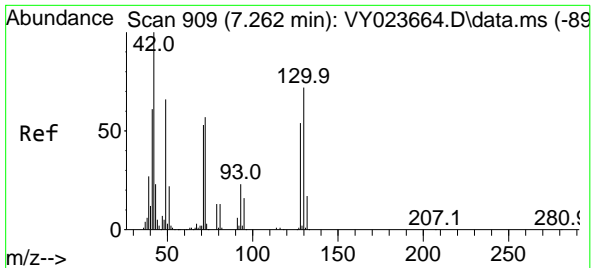
Tgt Ion	Resp	Lower	Upper
96	15472		
61	148.5	0.0	255.0
98	63.4	0.0	129.8



#28
 Bromochloromethane
 Concen: 2.741 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

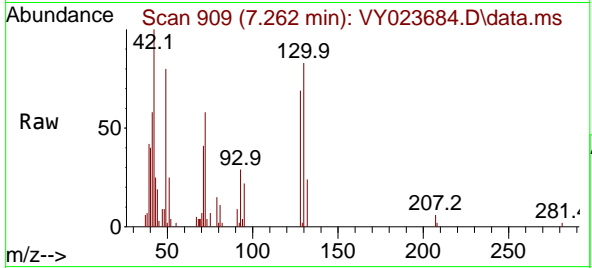
Tgt Ion	Resp	Lower	Upper
49	8601		
129	0.6	0.0	5.0
130	97.0	80.1	120.1



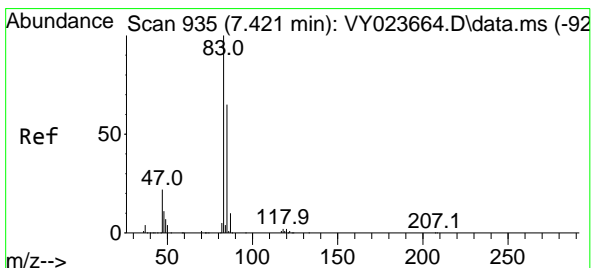
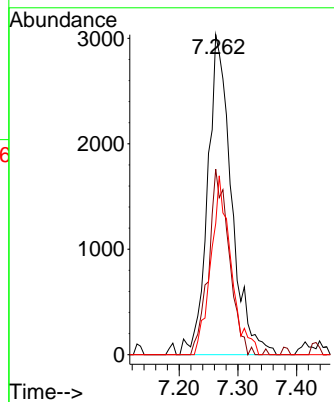
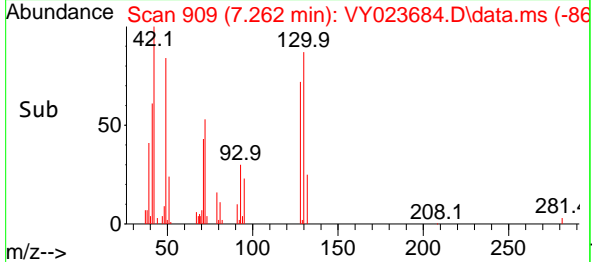


#29
 Tetrahydrofuran
 Concen: 12.882 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

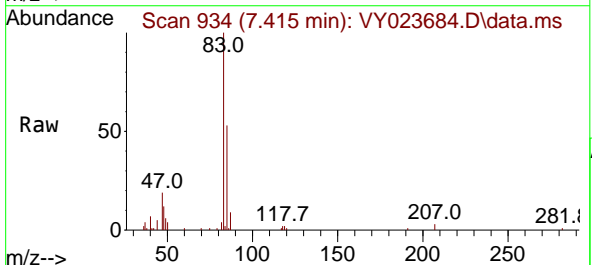
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



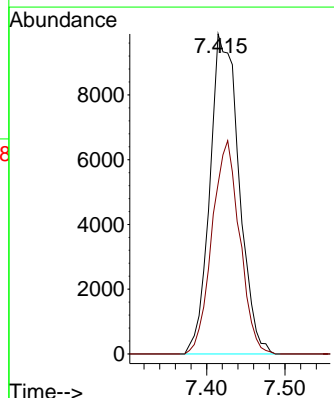
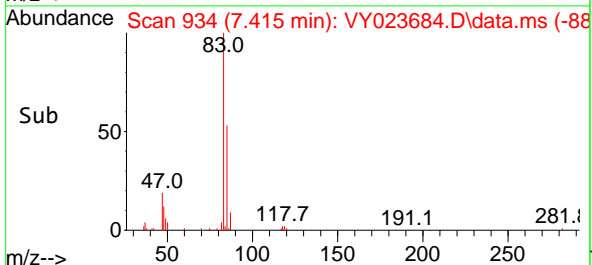
Tgt Ion: 42 Resp: 8537
 Ion Ratio Lower Upper
 42 100
 72 49.9 43.4 65.2
 71 47.1 40.7 61.1

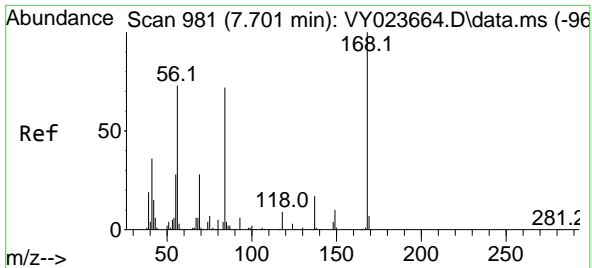


#30
 Chloroform
 Concen: 2.789 ug/l
 RT: 7.415 min Scan# 934
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 83 Resp: 25502
 Ion Ratio Lower Upper
 83 100
 85 53.2 52.1 78.1



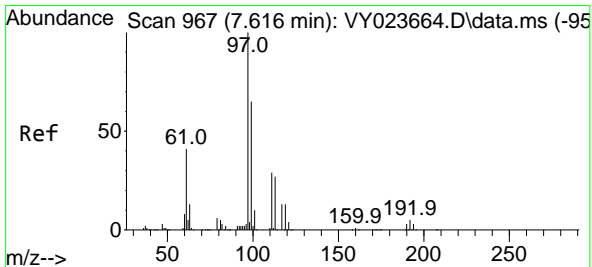
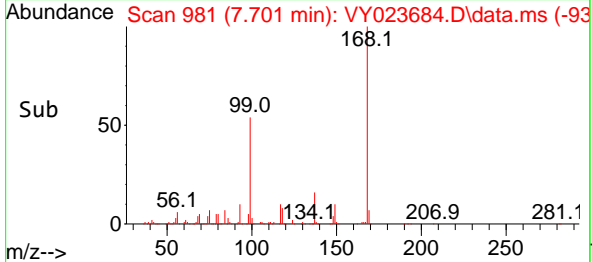
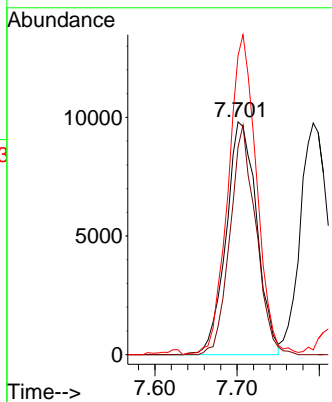
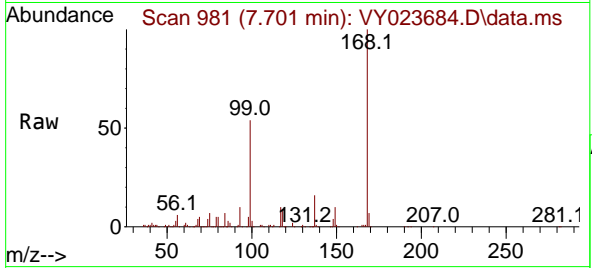


#31
 Cyclohexane
 Concen: 3.550 ug/l
 RT: 7.701 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

Tgt Ion: 56 Resp: 25334

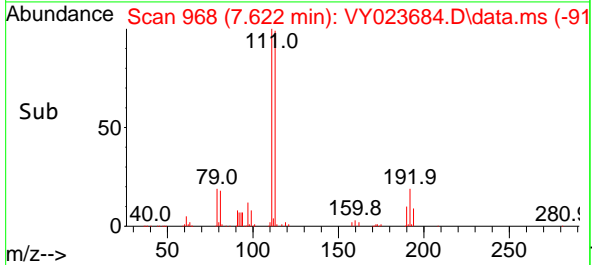
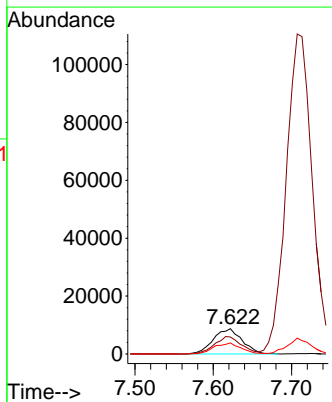
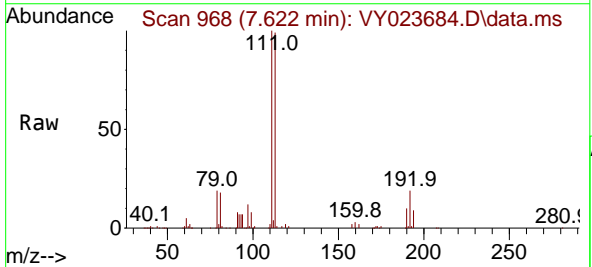
Ion	Ratio	Lower	Upper
56	100		
69	89.1	30.5	45.7#
84	126.3	79.0	118.4#

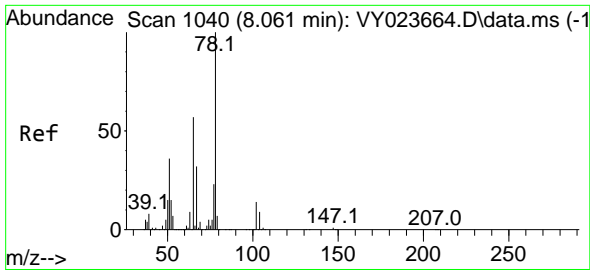


#32
 1,1,1-Trichloroethane
 Concen: 2.720 ug/l
 RT: 7.622 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 97 Resp: 22225

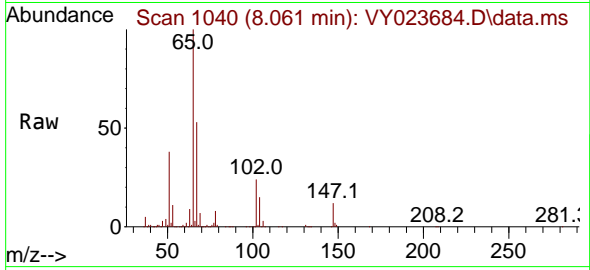
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	41.0	32.5	48.7



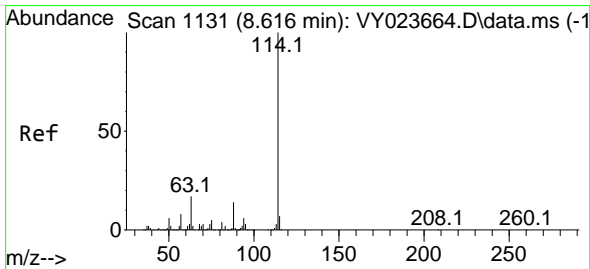
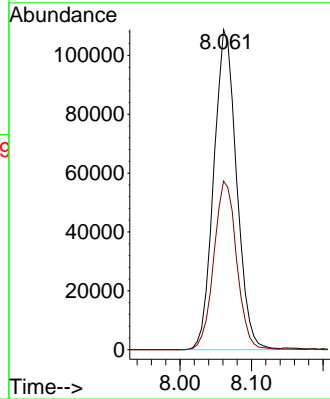
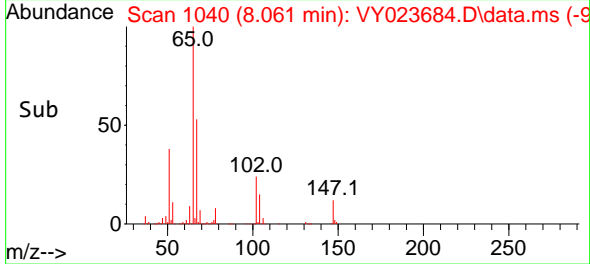


#33
 1,2-Dichloroethane-d4
 Concen: 55.767 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

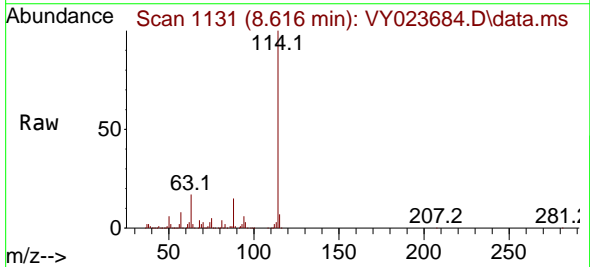
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



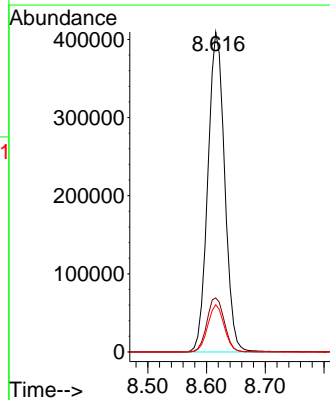
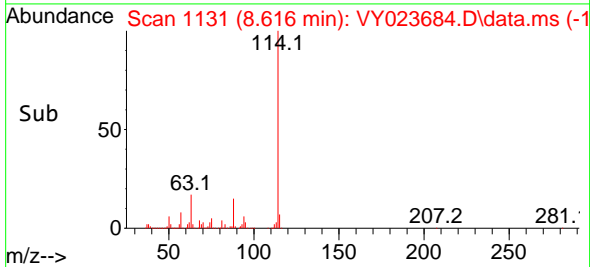
Tgt Ion: 65 Resp: 241464
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.4

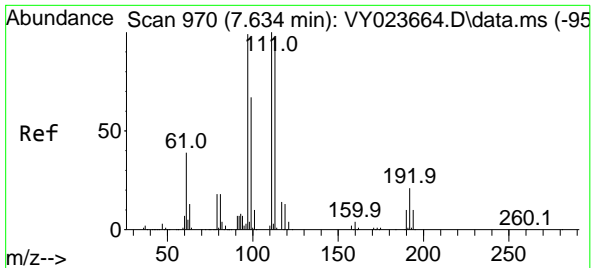


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 114 Resp: 813248
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 14.7 0.0 29.0



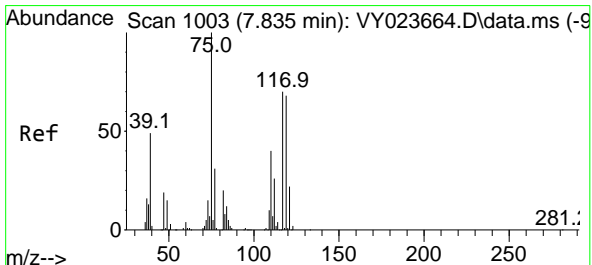
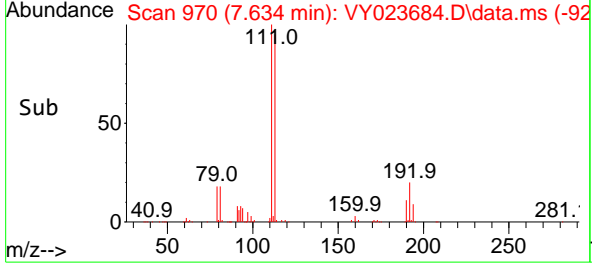
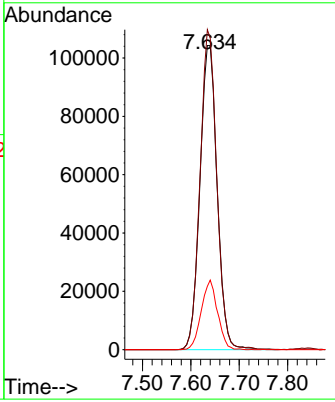
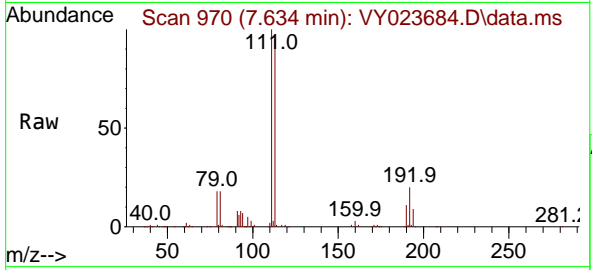


#35
 Dibromofluoromethane
 Concen: 50.721 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

Tgt Ion: 113 Resp: 257778

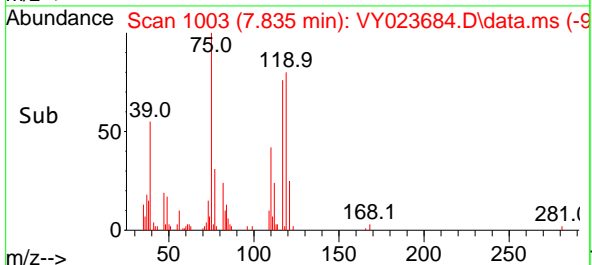
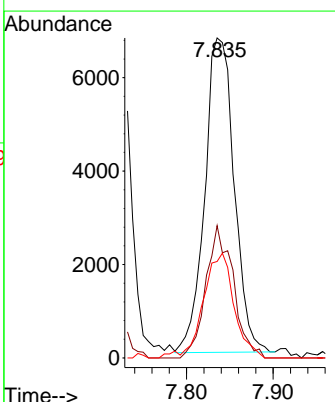
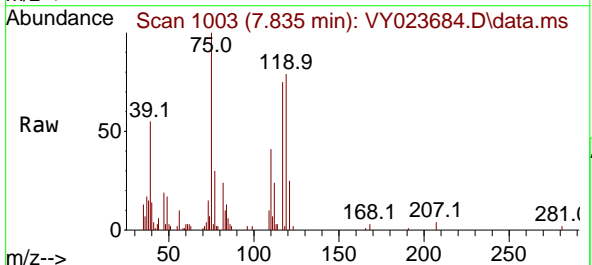
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	21.7	17.3	25.9

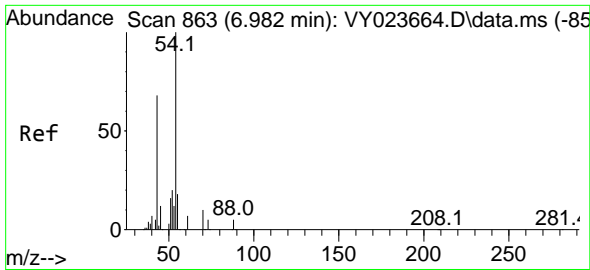


#36
 1,1-Dichloropropene
 Concen: 2.337 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 75 Resp: 15874

Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.7	59.0
77	35.0	25.2	37.8



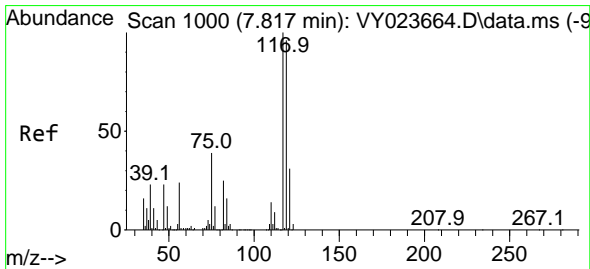
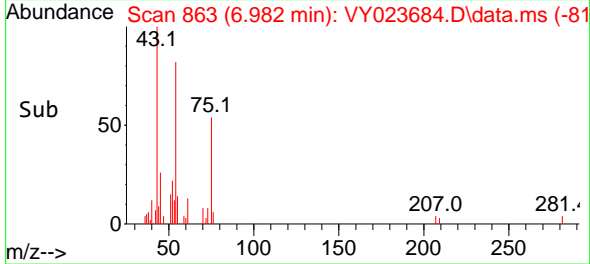
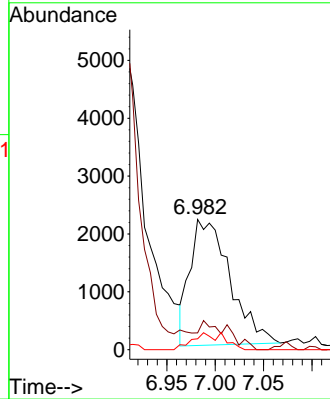
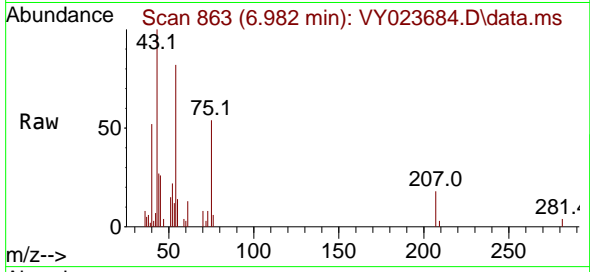


#37
 Ethyl Acetate
 Concen: 2.372 ug/l
 RT: 6.982 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

Tgt Ion: 43 Resp: 6236

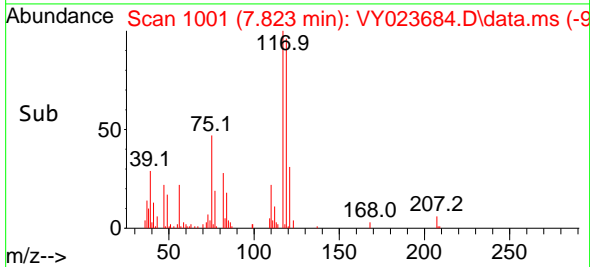
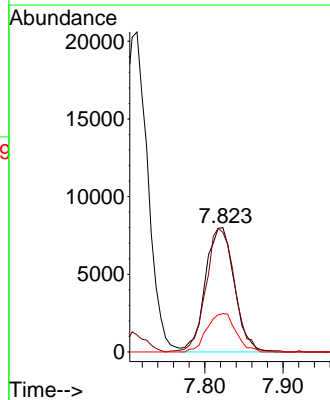
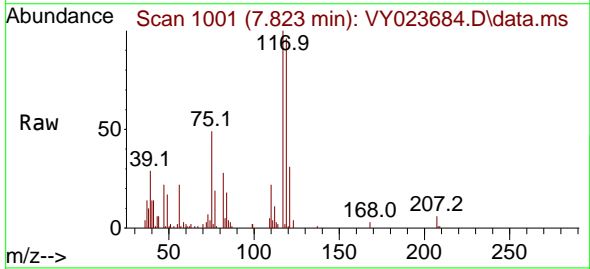
Ion	Ratio	Lower	Upper
43	100		
61	17.2	12.4	18.6
70	0.0	9.8	14.8

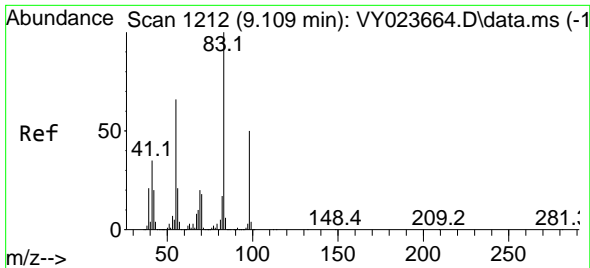


#38
 Carbon Tetrachloride
 Concen: 2.565 ug/l
 RT: 7.823 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 117 Resp: 20524

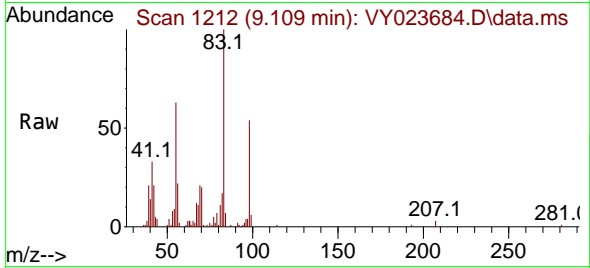
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.3	114.5
121	30.9	24.8	37.2





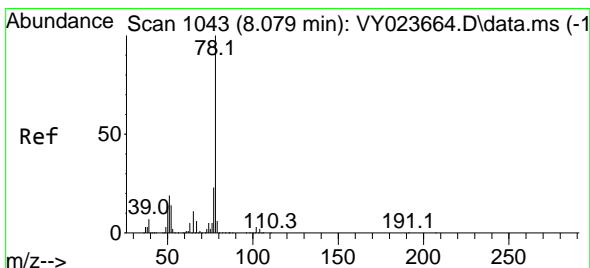
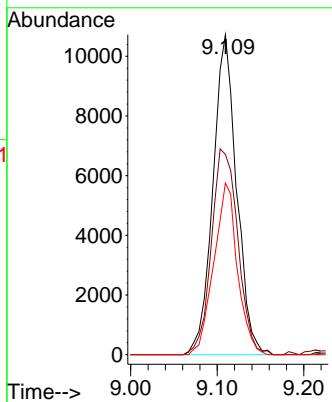
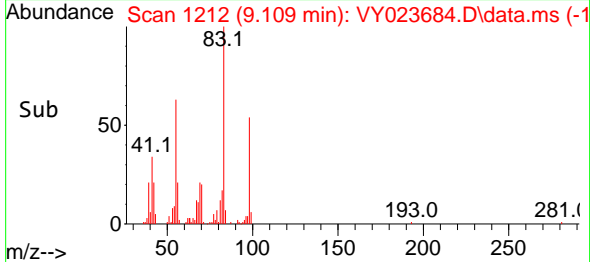
#39
 Methylcyclohexane
 Concen: 2.347 ug/l
 RT: 9.109 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

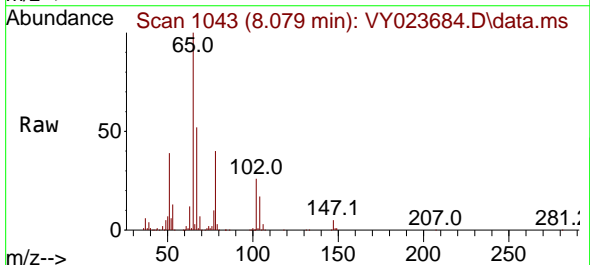


Tgt Ion: 83 Resp: 20370

Ion	Ratio	Lower	Upper
83	100		
55	62.6	52.6	78.8
98	53.6	39.7	59.5

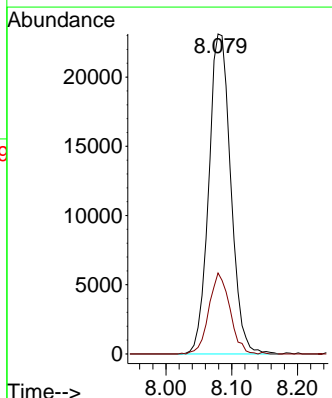
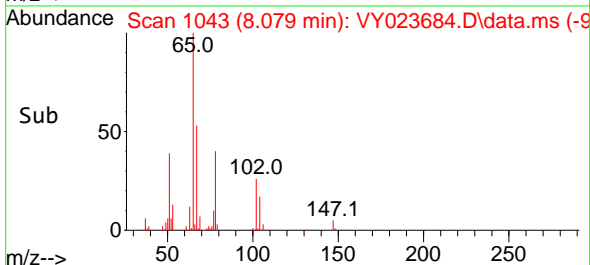


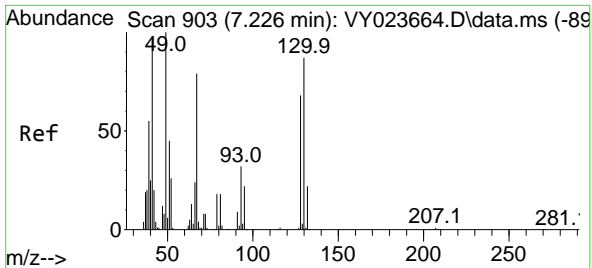
#40
 Benzene
 Concen: 2.514 ug/l
 RT: 8.079 min Scan# 1043
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 78 Resp: 53810

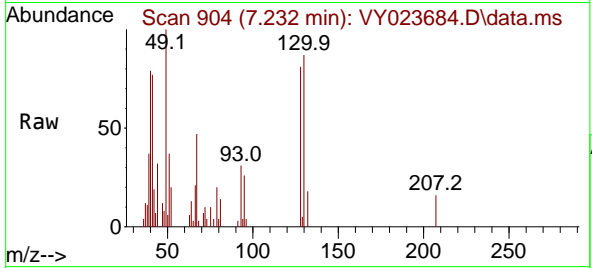
Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.8	28.2



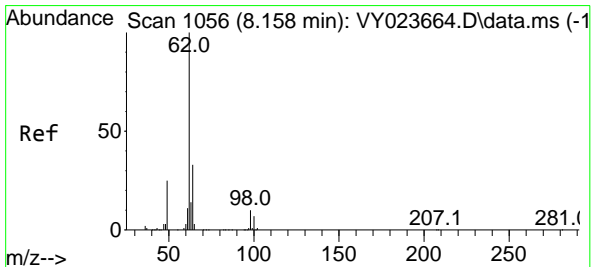
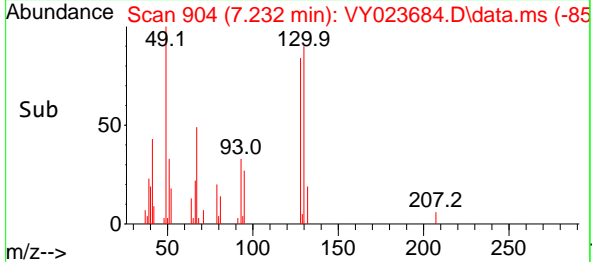
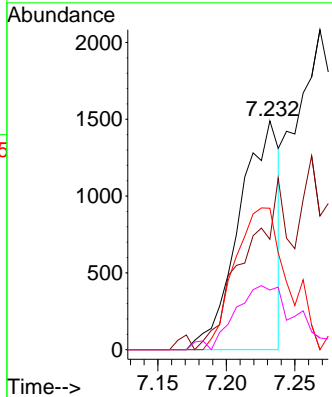


#41
 Methacrylonitrile
 Concen: 2.107 ug/l
 RT: 7.232 min Scan# 903
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

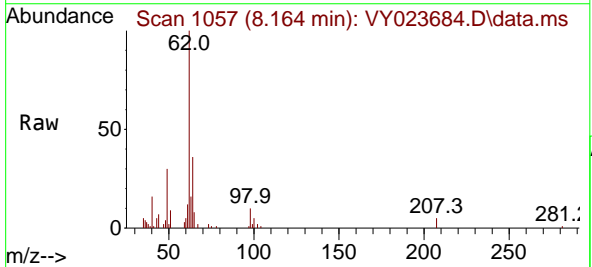
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



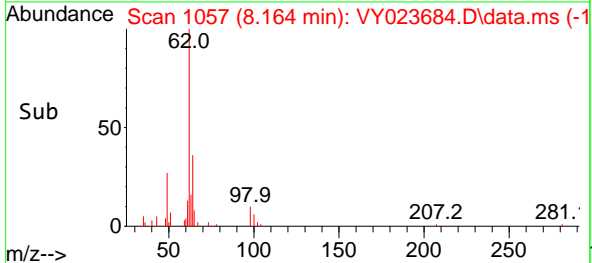
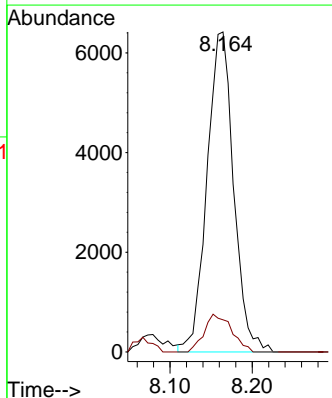
Tgt Ion: 41 Resp: 3024
 Ion Ratio Lower Upper
 41 100
 39 81.0 38.6 57.8#
 67 81.5 71.3 106.9
 52 42.4 27.0 40.4#

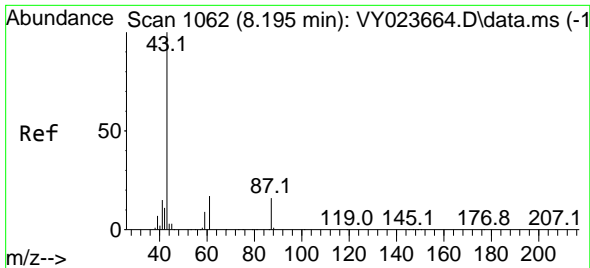


#42
 1,2-Dichloroethane
 Concen: 2.668 ug/l
 RT: 8.164 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



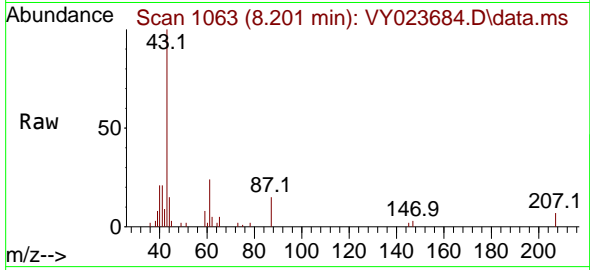
Tgt Ion: 62 Resp: 14449
 Ion Ratio Lower Upper
 62 100
 98 12.1 0.0 21.0



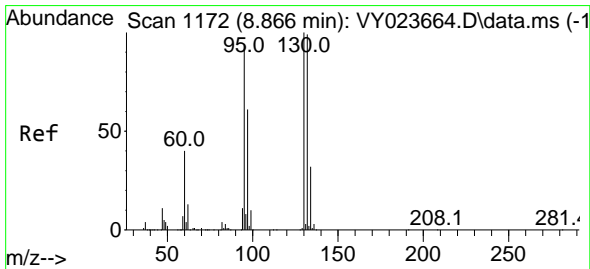
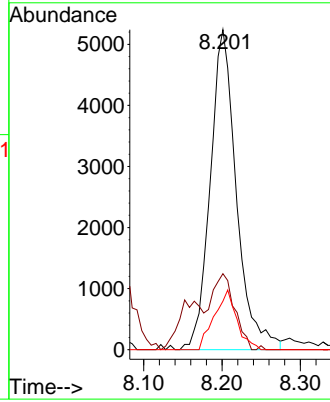
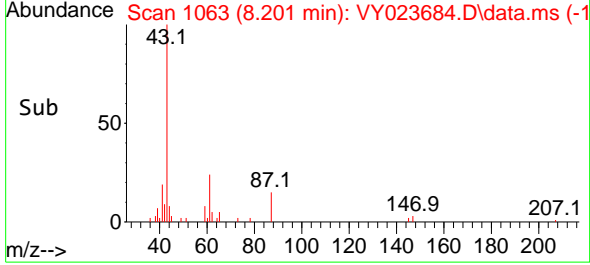


#43
 Isopropyl Acetate
 Concen: 2.468 ug/l
 RT: 8.201 min Scan# 1063
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

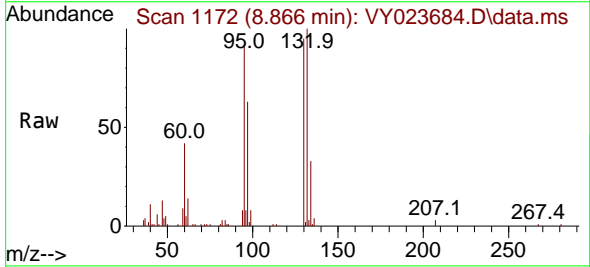
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



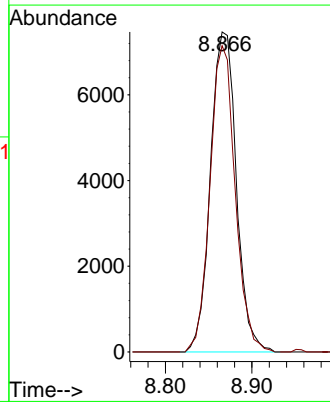
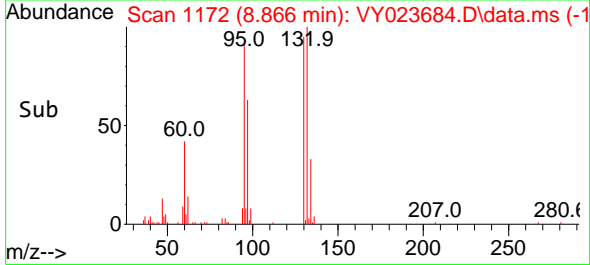
Tgt Ion: 43 Resp: 12191
 Ion Ratio Lower Upper
 43 100
 61 20.9 18.2 27.2
 87 16.0 13.3 19.9

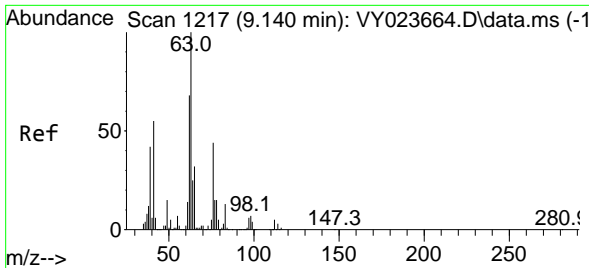


#44
 Trichloroethene
 Concen: 2.521 ug/l
 RT: 8.866 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion:130 Resp: 15503
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 187.0

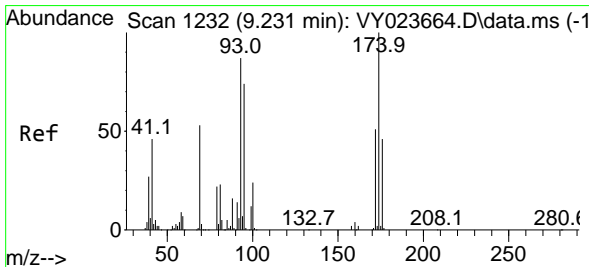
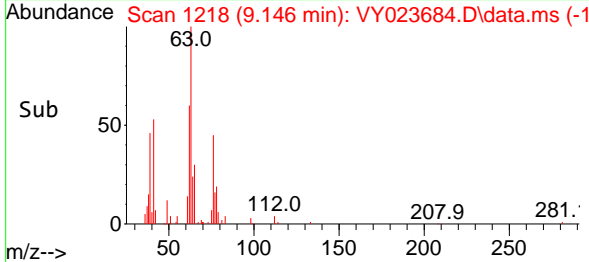
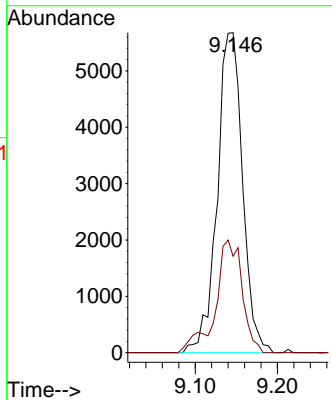
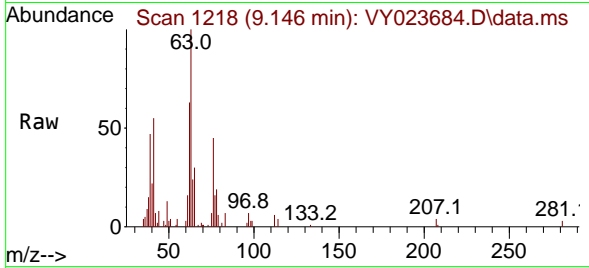




#45
 1,2-Dichloropropane
 Concen: 2.573 ug/l
 RT: 9.146 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

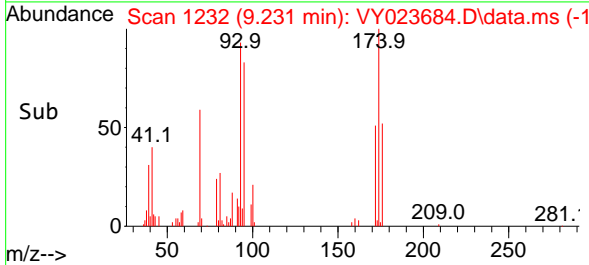
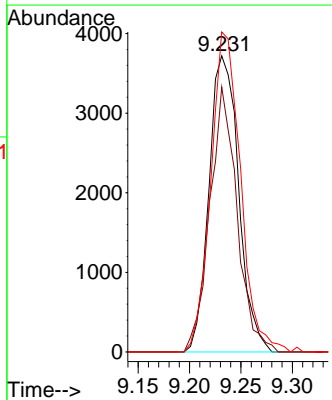
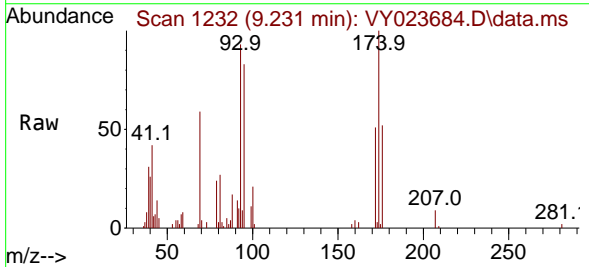
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

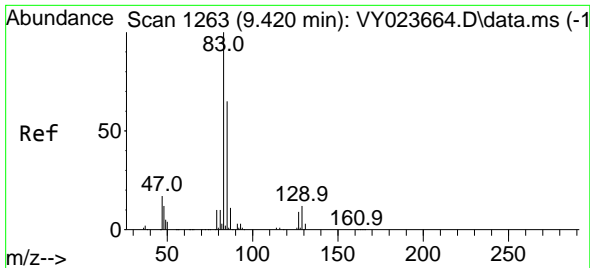
Tgt Ion: 63 Resp: 12154
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.6 38.4



#46
 Dibromomethane
 Concen: 2.543 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 93 Resp: 7445
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.4 101.2
 174 109.0 89.4 134.0

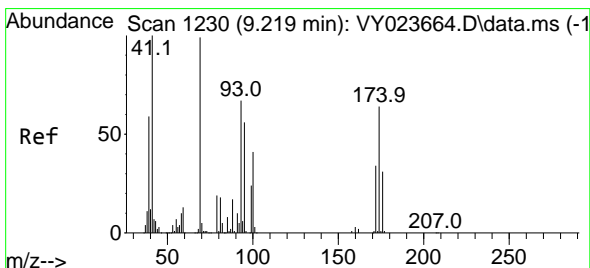
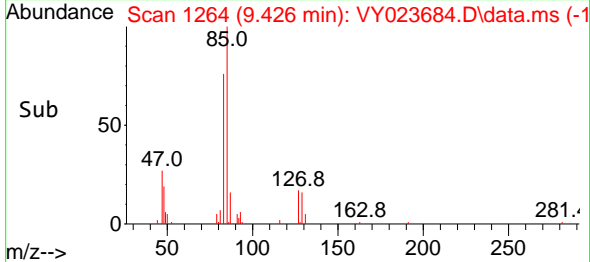
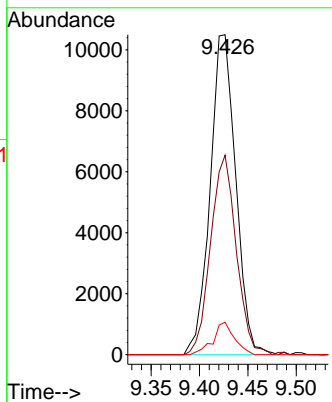
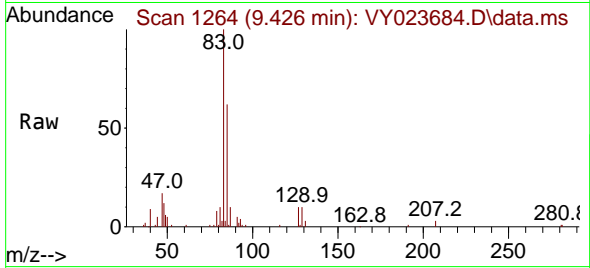




#47
 Bromodichloromethane
 Concen: 2.617 ug/l
 RT: 9.426 min Scan# 1264
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

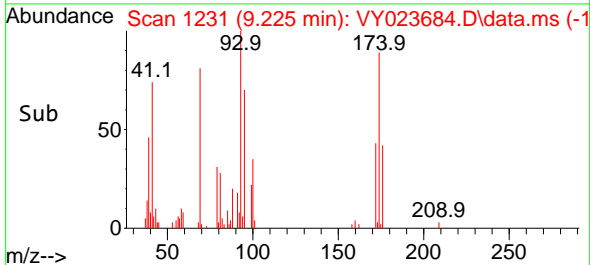
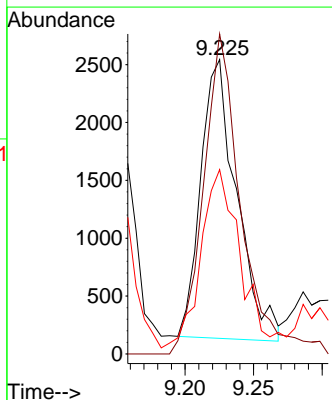
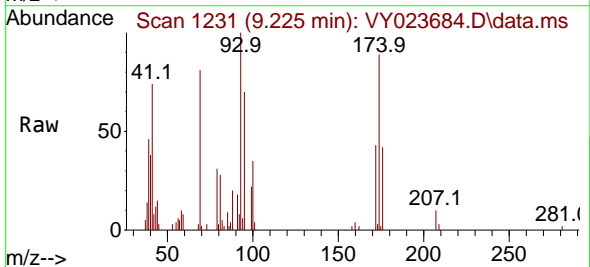
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

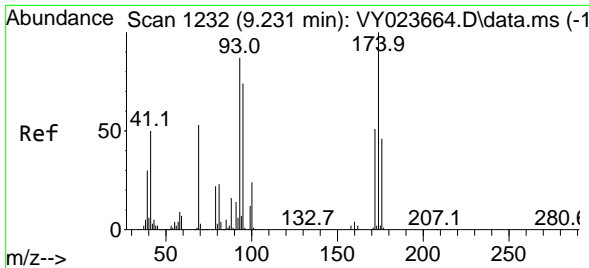
Tgt Ion	Resp	Lower	Upper
83	19312		
85	62.3	52.1	78.1
127	10.2	7.5	11.3



#48
 Methyl methacrylate
 Concen: 1.887 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
41	4404		
69	120.3	80.2	120.2#
39	69.4	47.4	71.0

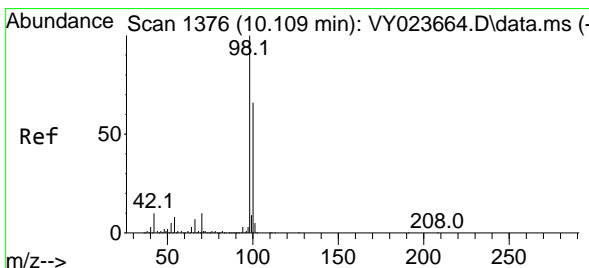
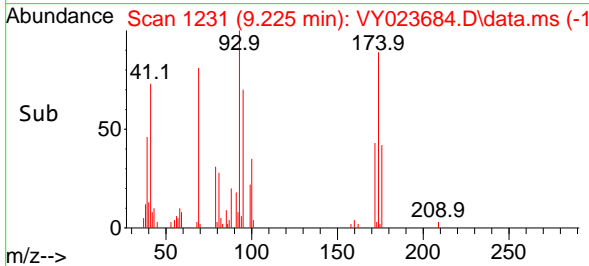
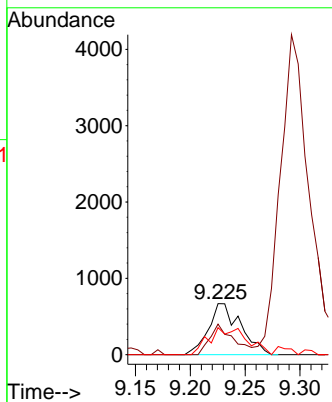
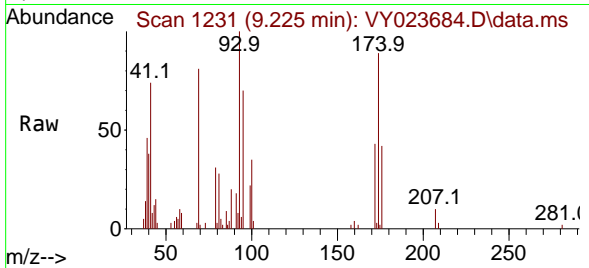




#49
 1,4-Dioxane
 Concen: 45.398 ug/l
 RT: 9.225 min Scan# 1111
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

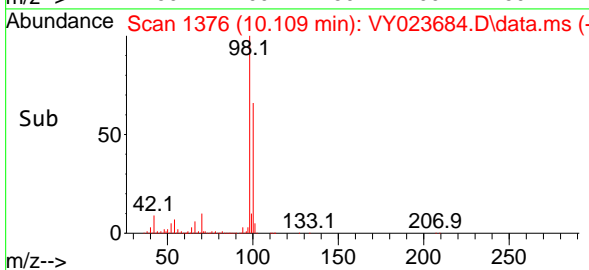
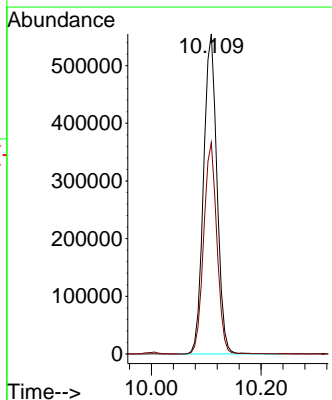
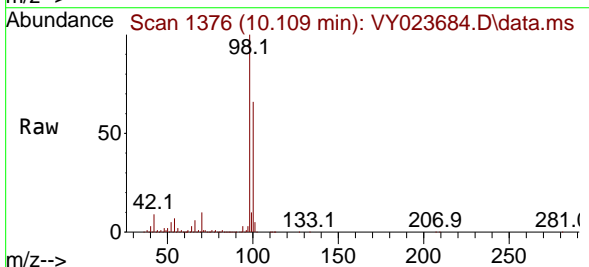
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

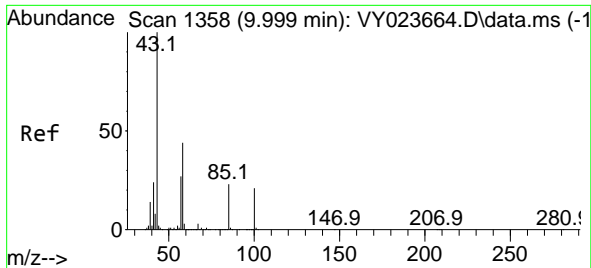
Tgt Ion	Resp	Lower	Upper
88	1360		
88	100		
43	44.3	22.0	33.0#
58	62.3	47.8	71.8



#50
 Toluene-d8
 Concen: 49.521 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
98	937517		
98	100		
100	65.2	52.7	79.1

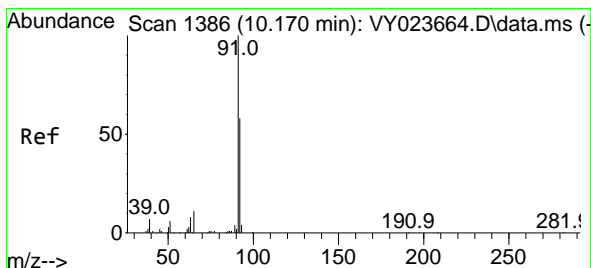
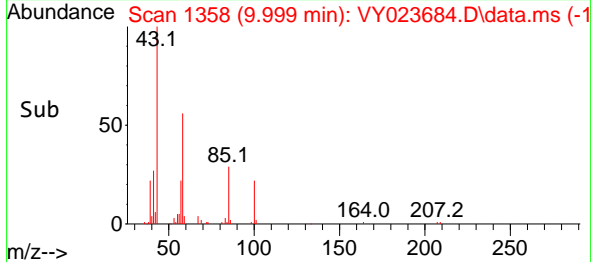
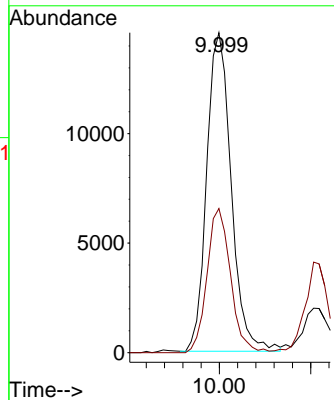
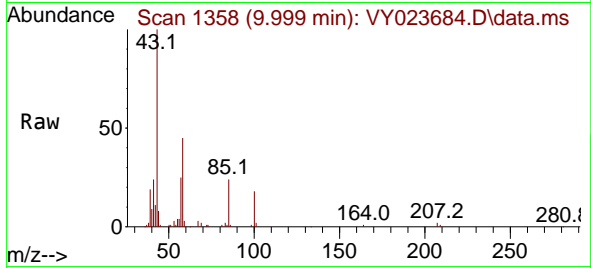




#51
 4-Methyl-2-Pentanone
 Concen: 10.297 ug/l
 RT: 9.999 min Scan# 1358
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

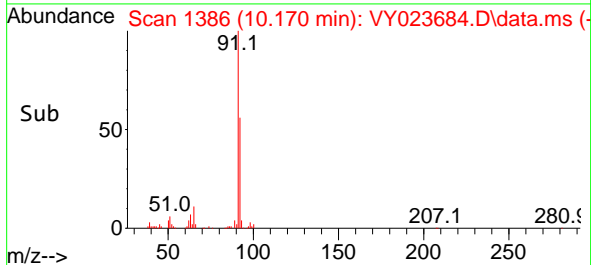
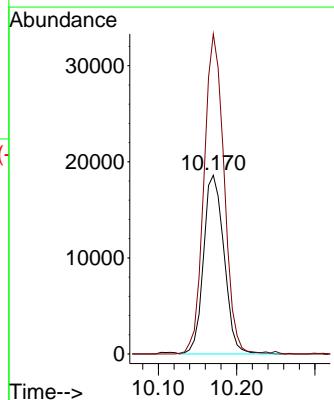
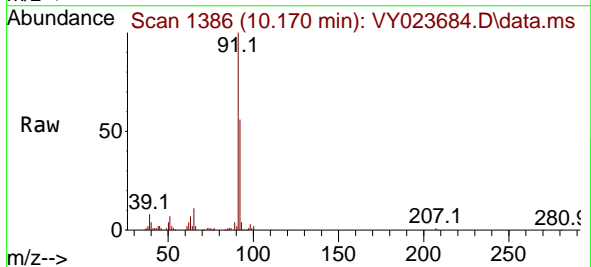
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

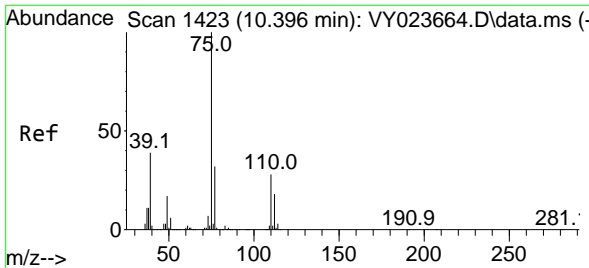
Tgt Ion: 43 Resp: 27050
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.8 52.2



#52
 Toluene
 Concen: 2.470 ug/l
 RT: 10.170 min Scan# 1386
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 92 Resp: 33754
 Ion Ratio Lower Upper
 92 100
 91 175.5 137.8 206.8

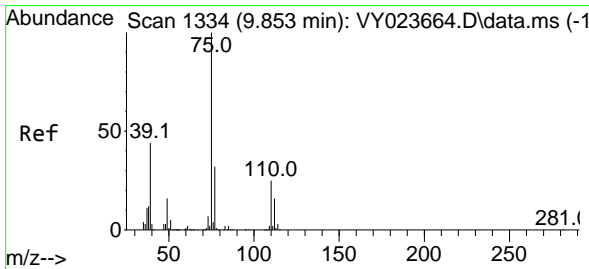
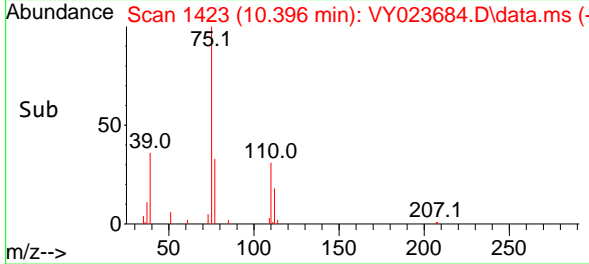
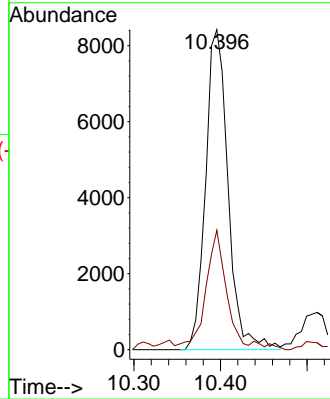
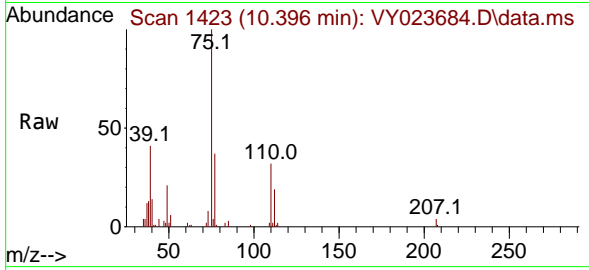




#53
 t-1,3-Dichloropropene
 Concen: 2.431 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

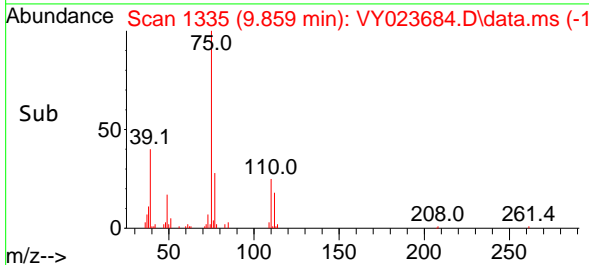
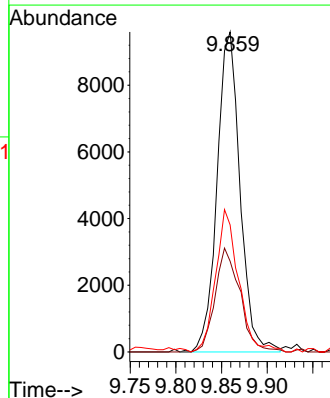
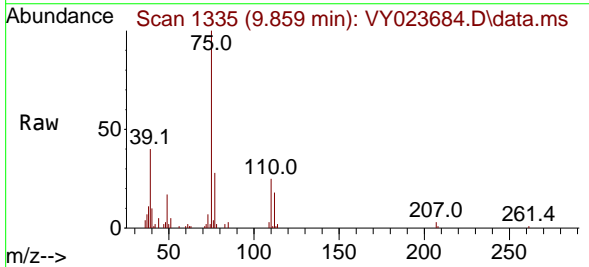
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

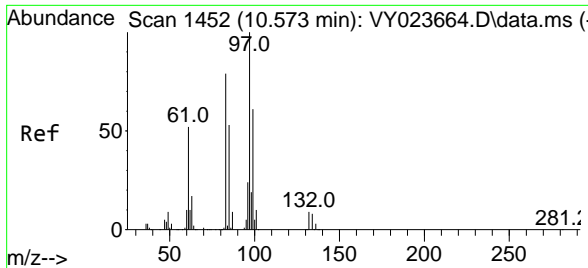
Tgt Ion: 75 Resp: 15179
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 2.248 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 75 Resp: 16816
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.7 38.5
 39 38.6 34.9 52.3

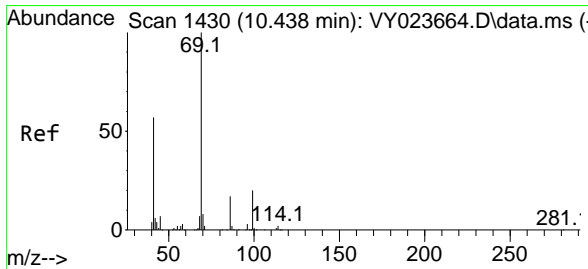
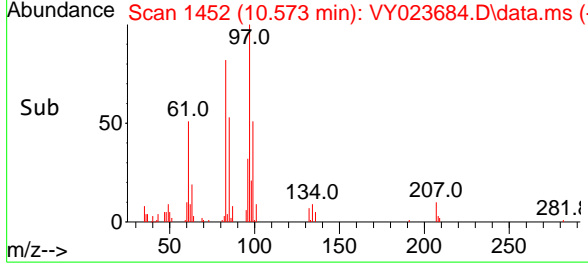
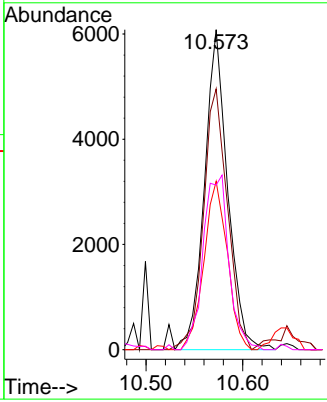
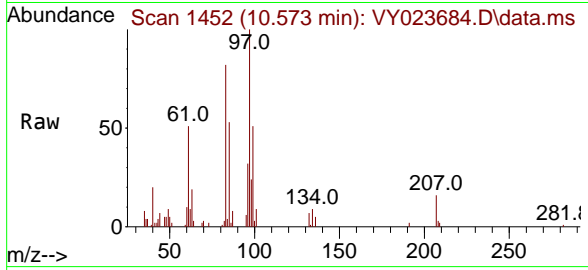




#55
 1,1,2-Trichloroethane
 Concen: 2.592 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

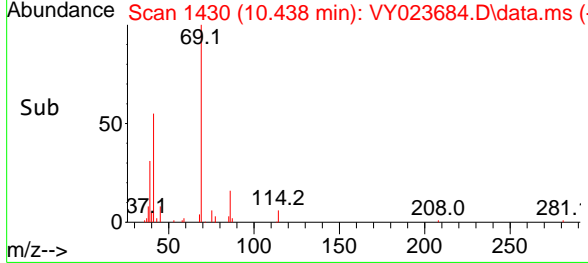
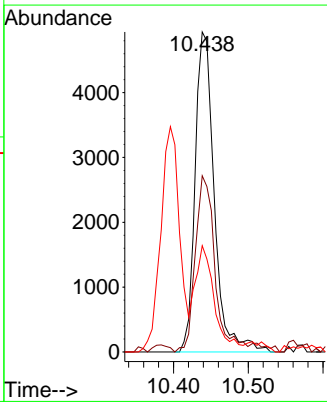
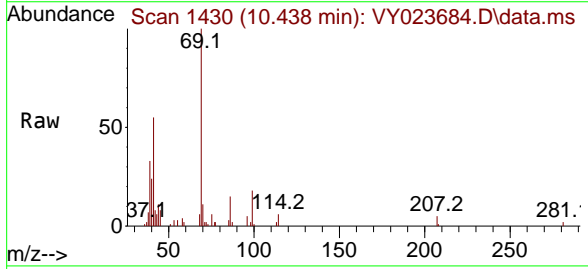
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

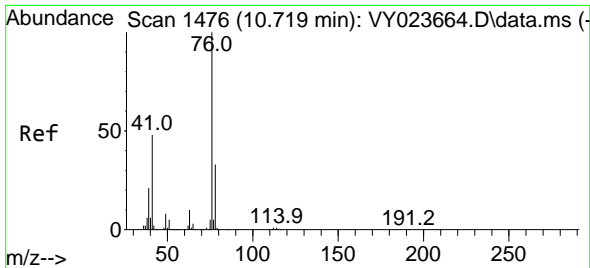
Tgt Ion	Resp	Lower	Upper
97	10140		
83	80.4	63.3	94.9
85	52.6	42.4	63.6
99	51.5	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 2.039 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
69	8789		
41	56.4	45.0	67.4
39	33.9	25.1	37.7

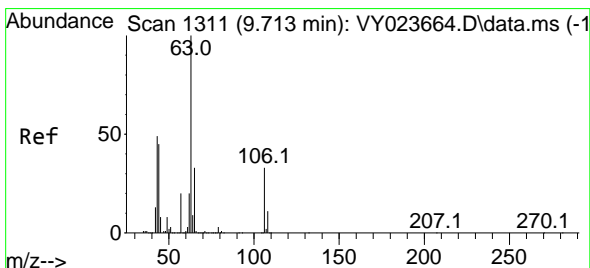
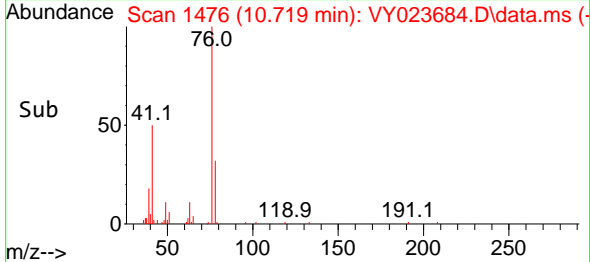
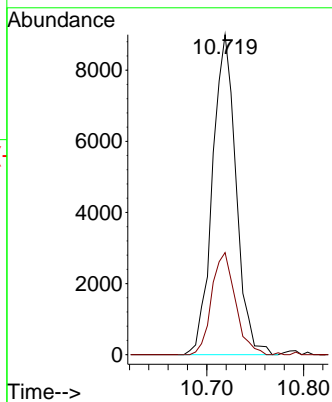
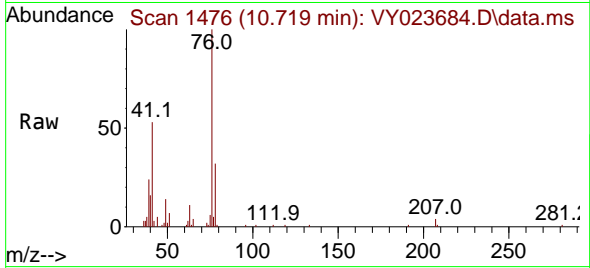




#57
 1,3-Dichloropropane
 Concen: 2.454 ug/l
 RT: 10.719 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

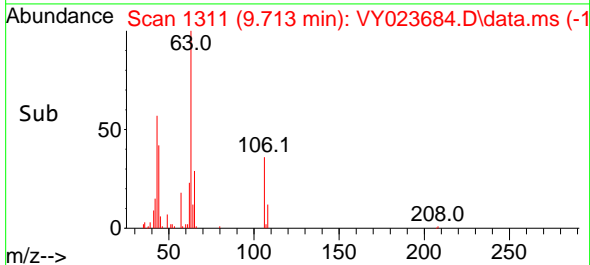
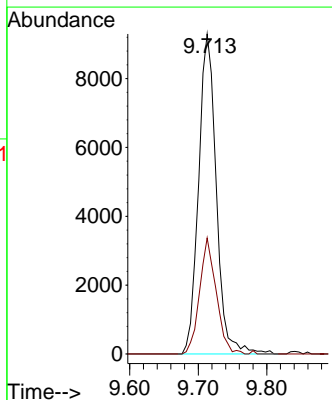
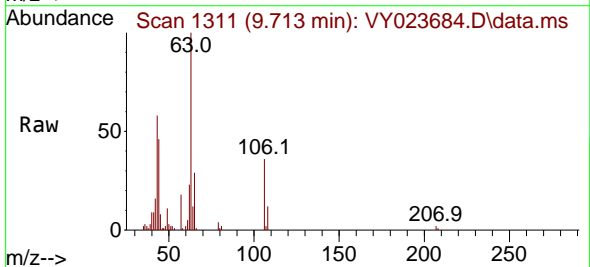
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

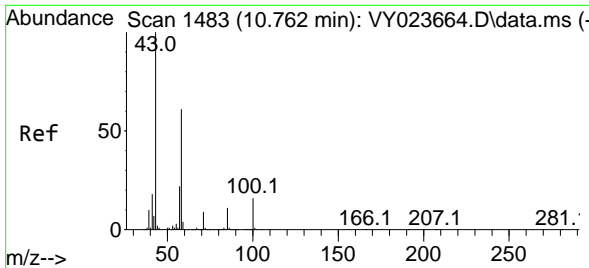
Tgt Ion: 76 Resp: 15226
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 8.476 ug/l
 RT: 9.713 min Scan# 1311
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 63 Resp: 16765
 Ion Ratio Lower Upper
 63 100
 106 34.0 26.2 39.2

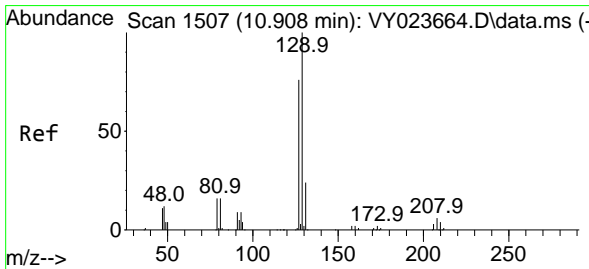
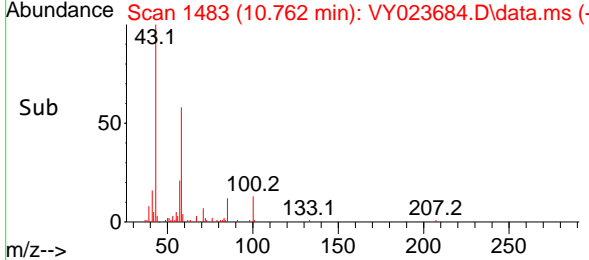
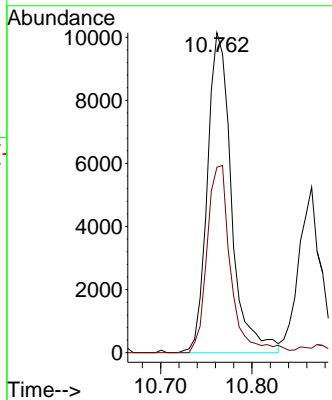
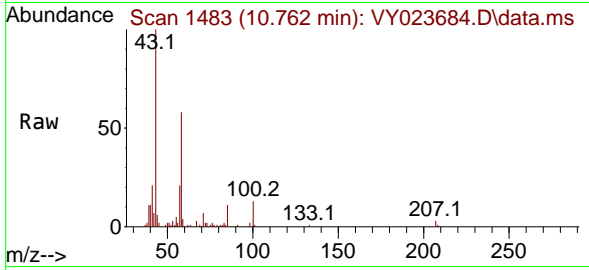




#59
 2-Hexanone
 Concen: 9.678 ug/l
 RT: 10.762 min Scan# 1483
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

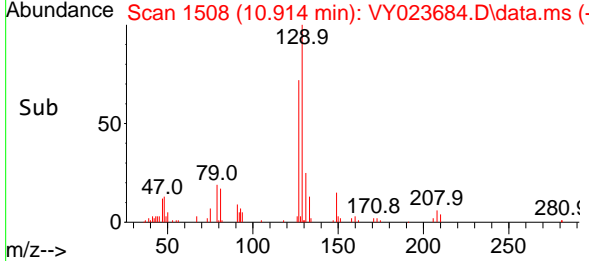
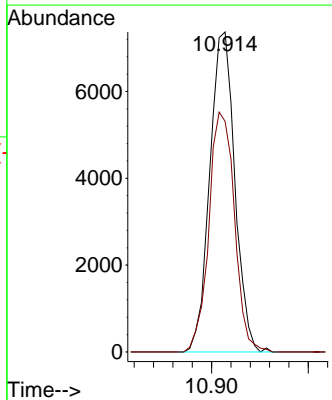
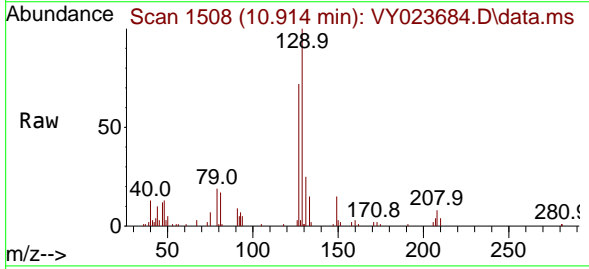
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

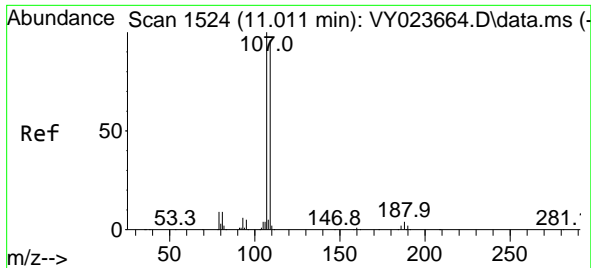
Tgt Ion: 43 Resp: 18549
 Ion Ratio Lower Upper
 43 100
 58 57.4 30.2 90.6



#60
 Dibromochloromethane
 Concen: 2.466 ug/l
 RT: 10.914 min Scan# 1508
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 129 Resp: 13255
 Ion Ratio Lower Upper
 129 100
 127 76.5 38.4 115.2

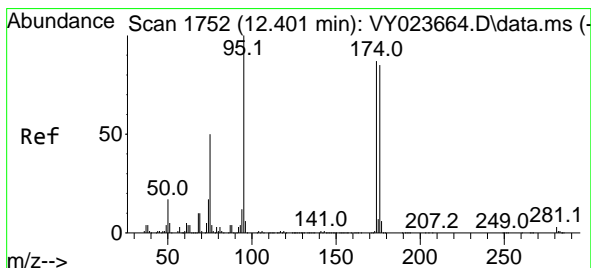
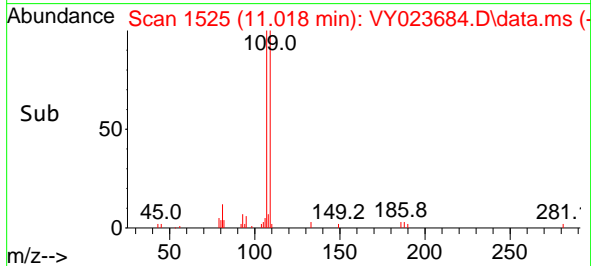
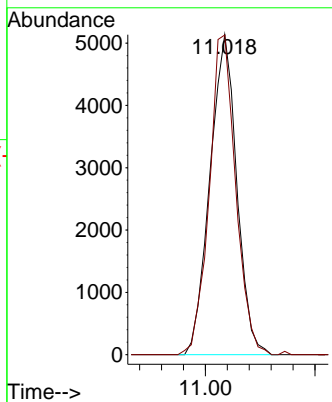
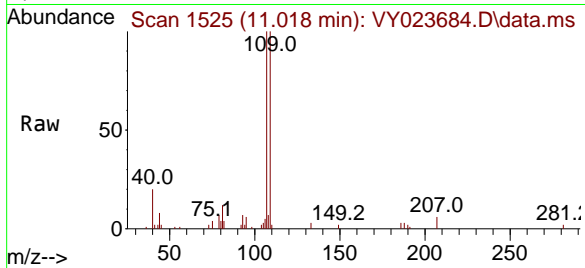




#61
 1,2-Dibromoethane
 Concen: 2.382 ug/l
 RT: 11.018 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

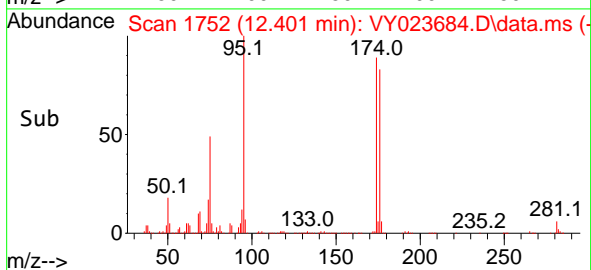
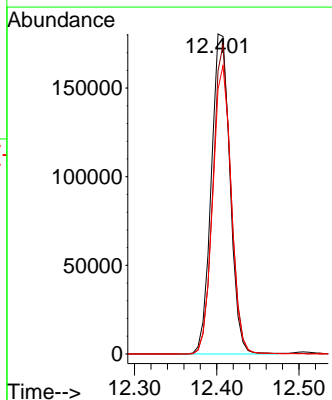
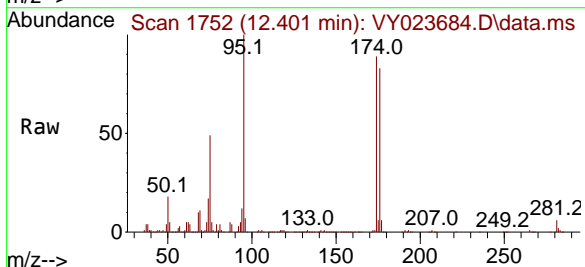
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

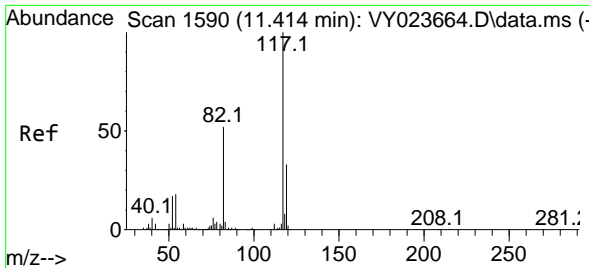
Tgt Ion: 107 Resp: 8745
 Ion Ratio Lower Upper
 107 100
 109 98.1 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 46.602 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 95 Resp: 285312
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 184.8
 176 89.1 0.0 181.6

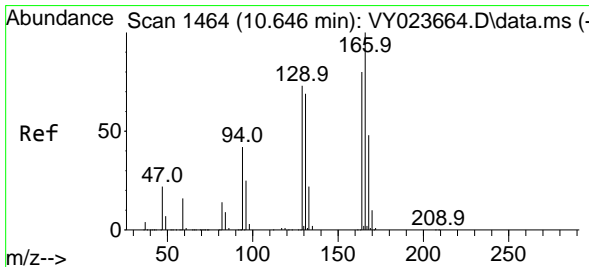
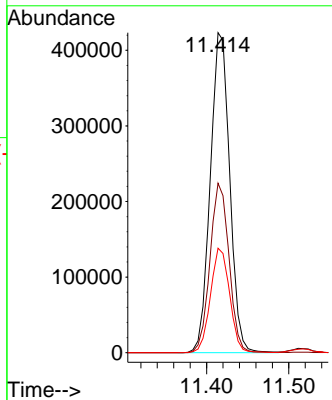
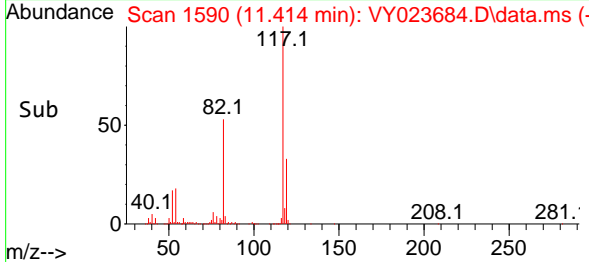
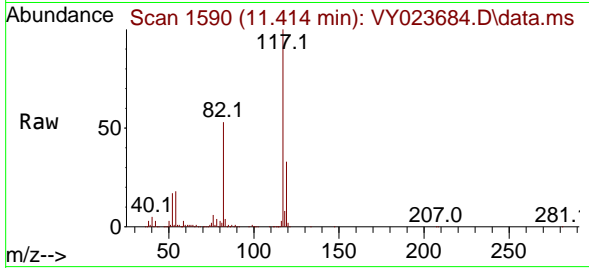




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.414 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

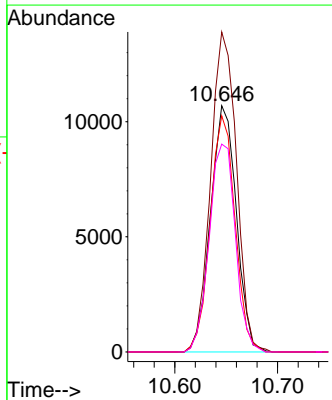
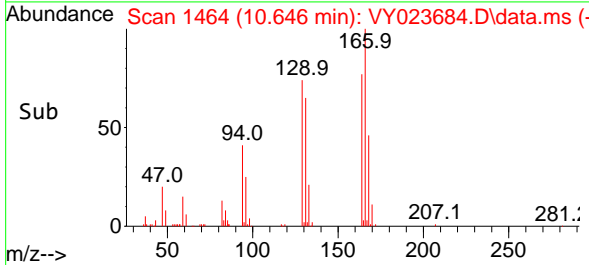
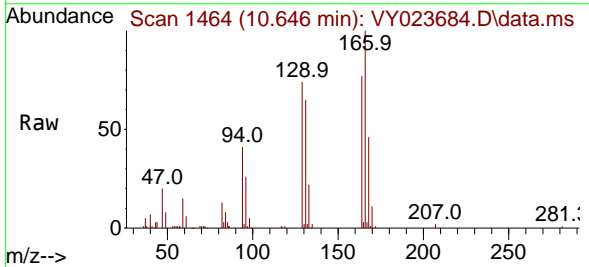
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

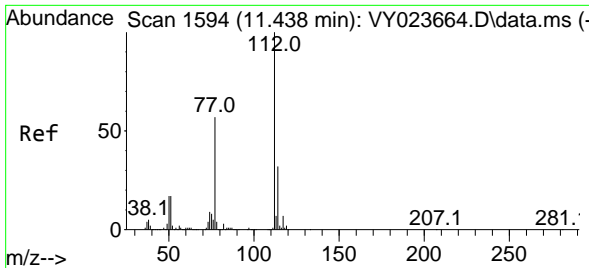
Tgt Ion	Resp	Lower	Upper
117	693999		
82	52.9	41.2	61.8
119	32.6	26.2	39.2



#64
 Tetrachloroethene
 Concen: 2.586 ug/l
 RT: 10.646 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
164	18680		
166	130.0	99.5	149.3
129	96.0	72.3	108.5
131	84.4	69.1	103.7

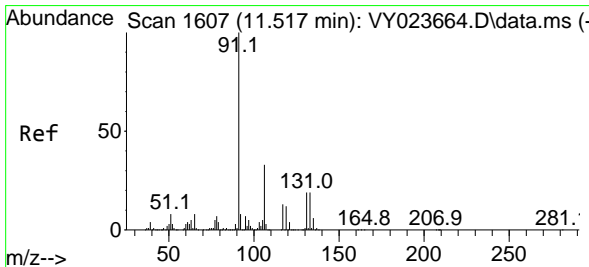
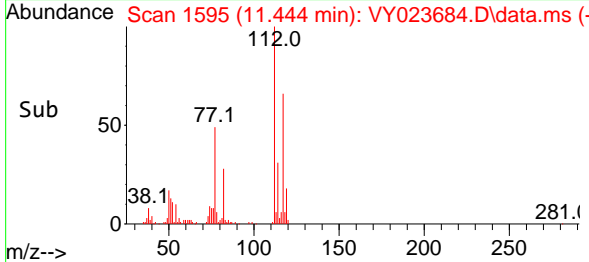
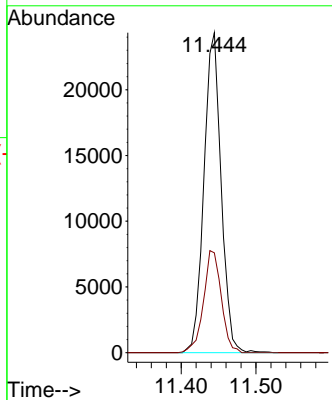
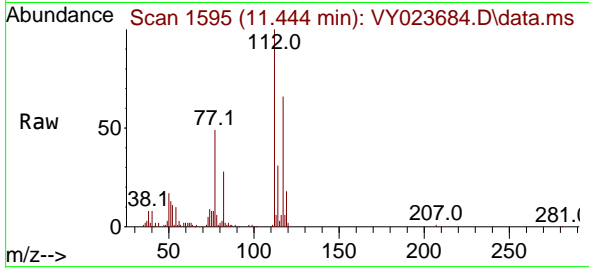




#65
 Chlorobenzene
 Concen: 2.572 ug/l
 RT: 11.444 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

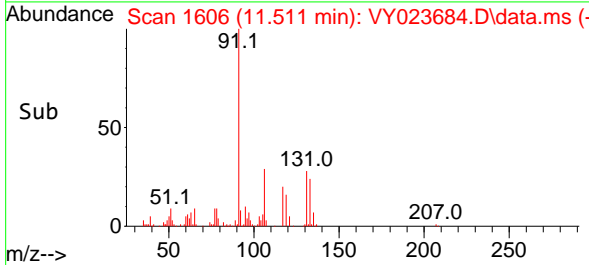
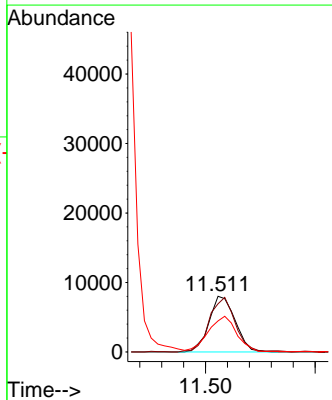
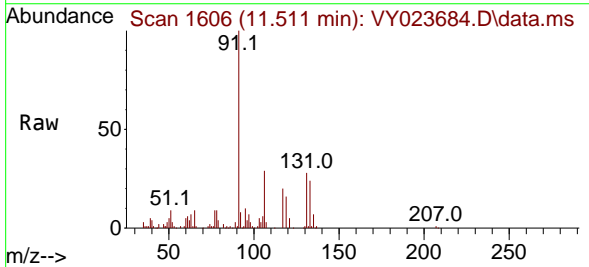
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

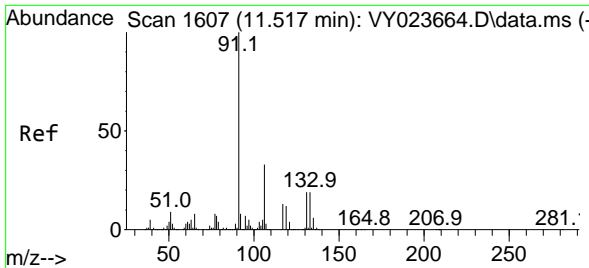
Tgt Ion:112 Resp: 38855
 Ion Ratio Lower Upper
 112 100
 114 31.2 25.8 38.6



#66
 1,1,1,2-Tetrachloroethane
 Concen: 2.482 ug/l
 RT: 11.511 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion:131 Resp: 13261
 Ion Ratio Lower Upper
 131 100
 133 98.2 47.3 141.8
 119 68.4 32.5 97.4

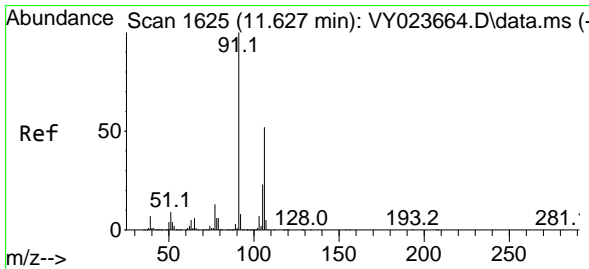
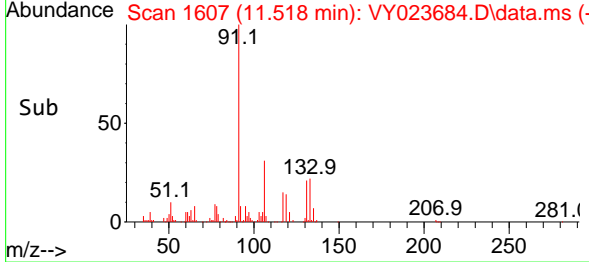
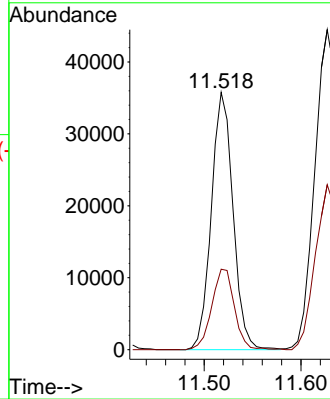
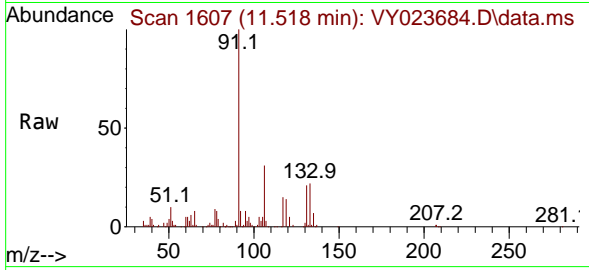




#67
 Ethyl Benzene
 Concen: 2.279 ug/l
 RT: 11.518 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

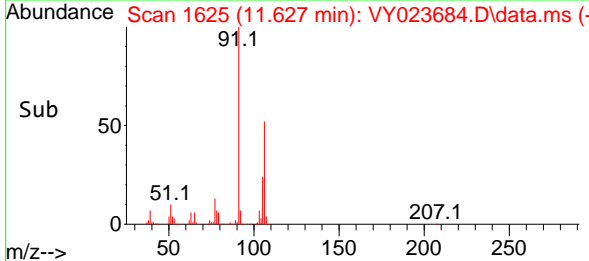
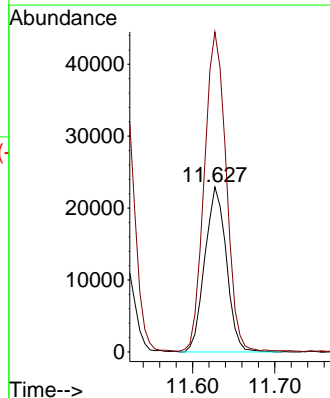
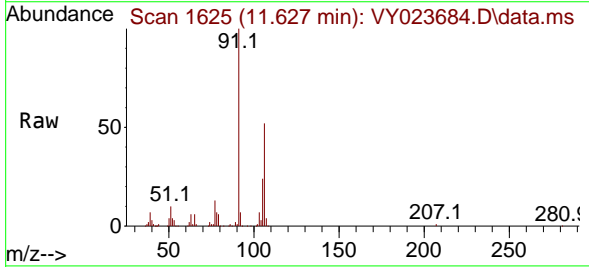
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

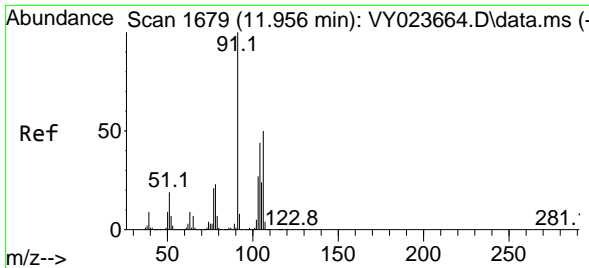
Tgt Ion: 91 Resp: 55720
 Ion Ratio Lower Upper
 91 100
 106 31.3 26.6 40.0



#68
 m/p-Xylenes
 Concen: 4.287 ug/l
 RT: 11.627 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion:106 Resp: 41884
 Ion Ratio Lower Upper
 106 100
 91 197.6 154.3 231.5

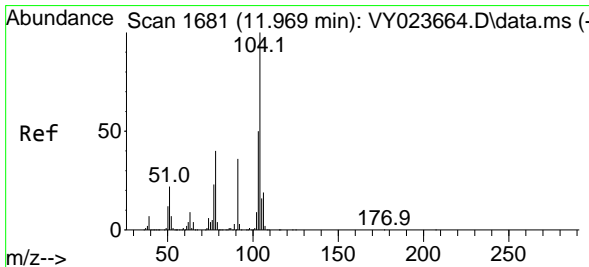
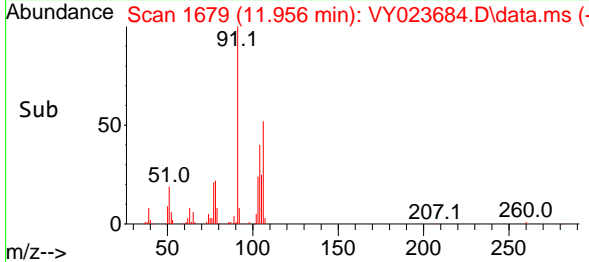
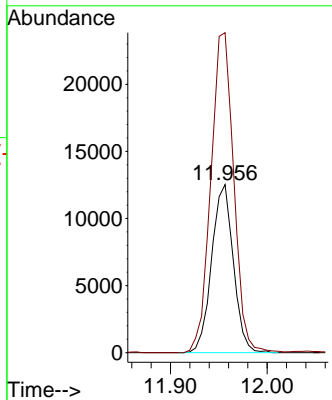
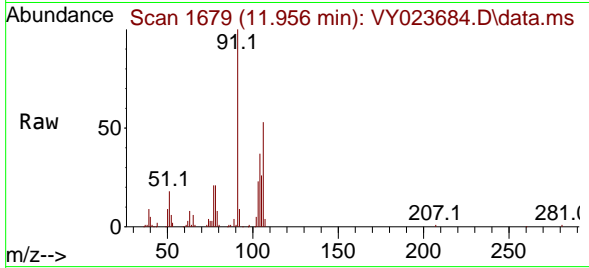




#69
 o-Xylene
 Concen: 2.158 ug/l
 RT: 11.956 min Scan# 1679
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

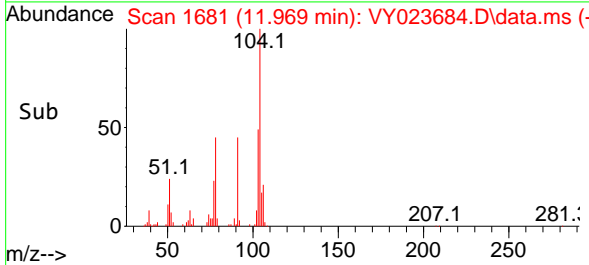
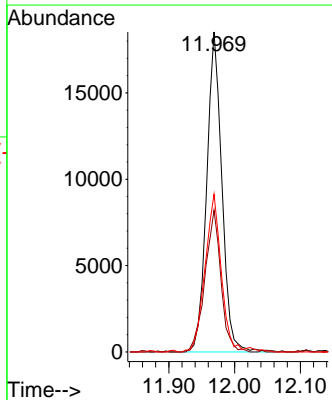
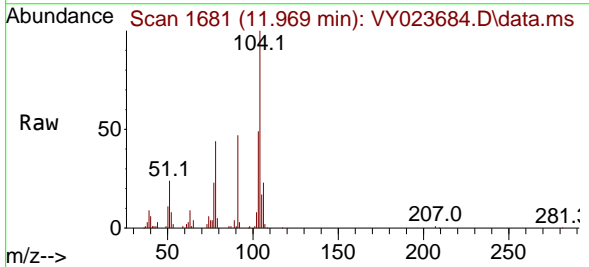
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

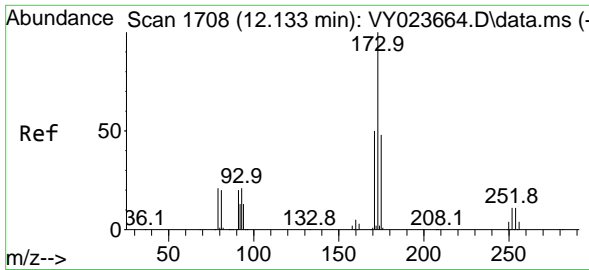
Tgt Ion:106 Resp: 19493
 Ion Ratio Lower Upper
 106 100
 91 200.8 101.6 304.6



#70
 Styrene
 Concen: 2.003 ug/l
 RT: 11.969 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion:104 Resp: 29839
 Ion Ratio Lower Upper
 104 100
 78 46.3 36.5 54.7
 103 52.4 43.7 65.5

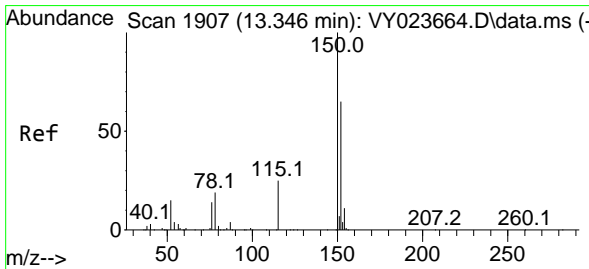
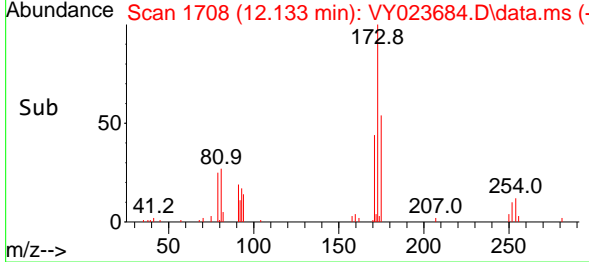
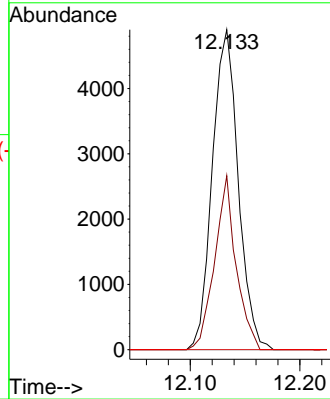
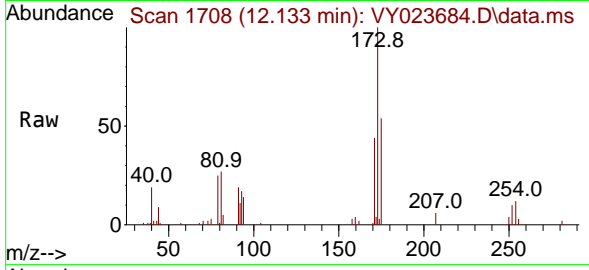




#71
 Bromoform
 Concen: 2.575 ug/l
 RT: 12.133 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

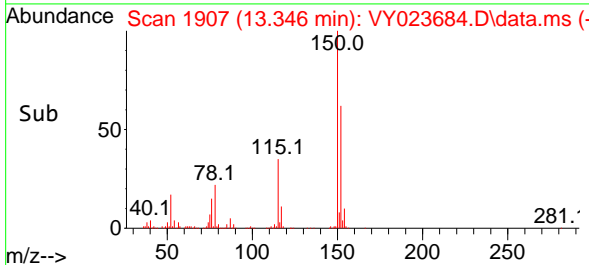
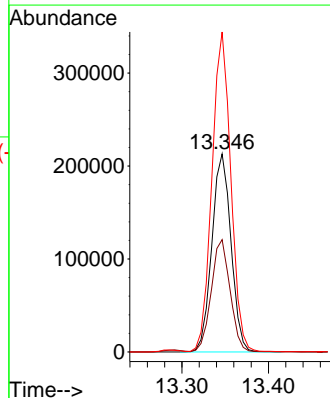
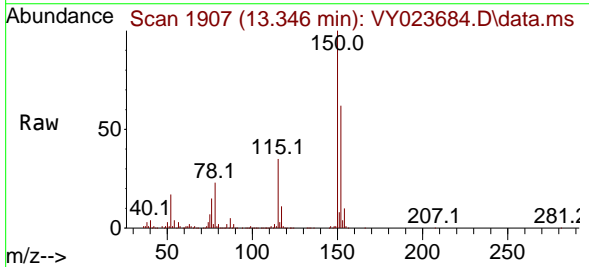
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

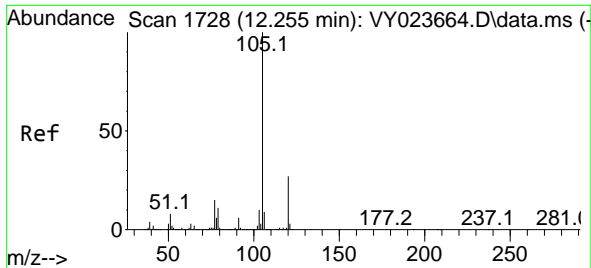
Tgt Ion	Resp	Ion Ratio	Lower	Upper
173	8034	100		
175	45.1	24.2	24.2	72.6
254	0.0	0.2	0.2	0.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Ion Ratio	Lower	Upper
152	327169	100		
115	55.8	27.5	27.5	82.5
150	159.3	0.0	0.0	349.0

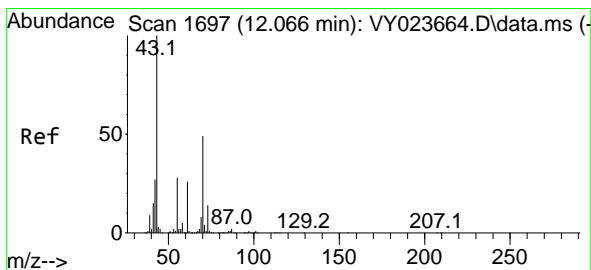
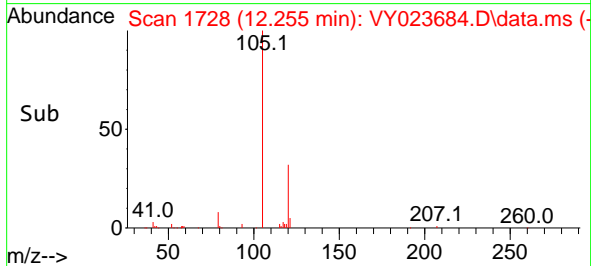
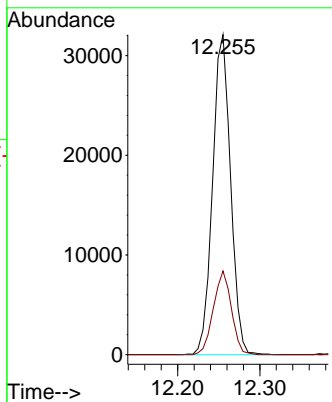
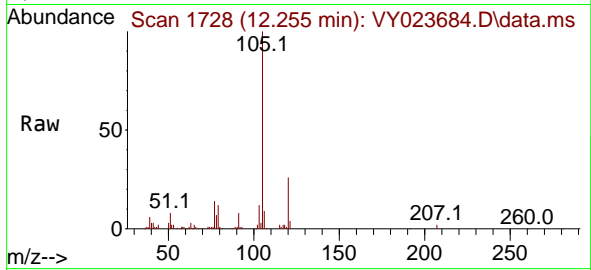




#73
 Isopropylbenzene
 Concen: 2.230 ug/l
 RT: 12.255 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

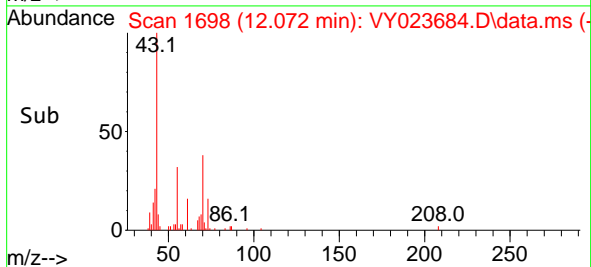
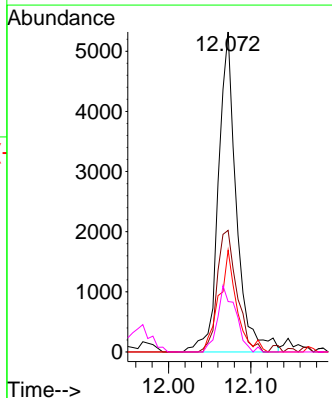
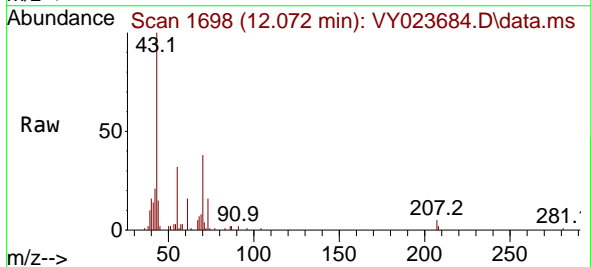
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

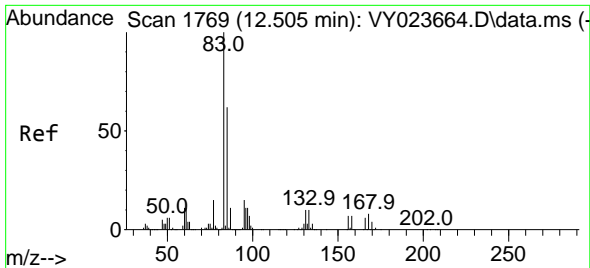
Tgt Ion: 105 Resp: 48789
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.6 40.7



#74
 N-ethyl acetate
 Concen: 2.183 ug/l
 RT: 12.072 min Scan# 1698
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 43 Resp: 8086
 Ion Ratio Lower Upper
 43 100
 70 41.6 40.1 60.1
 55 31.3 23.0 34.6
 61 20.9 21.3 31.9#

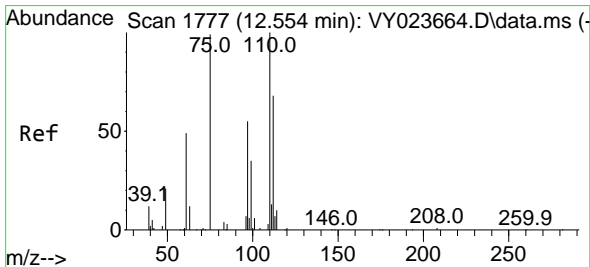
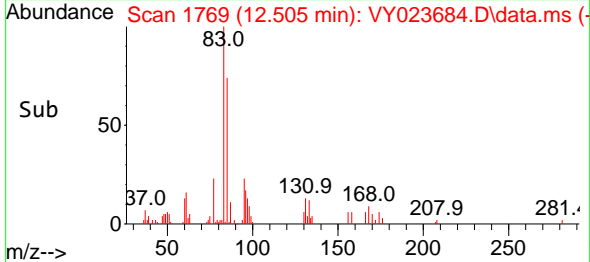
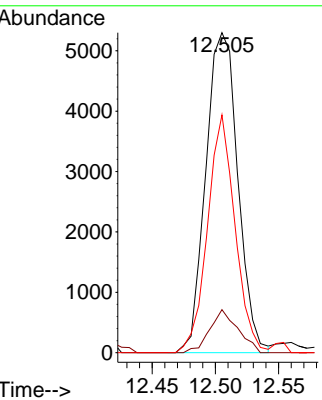
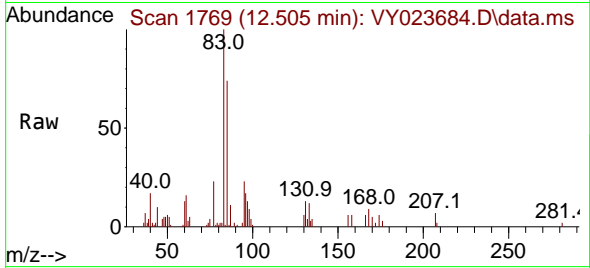




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.677 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

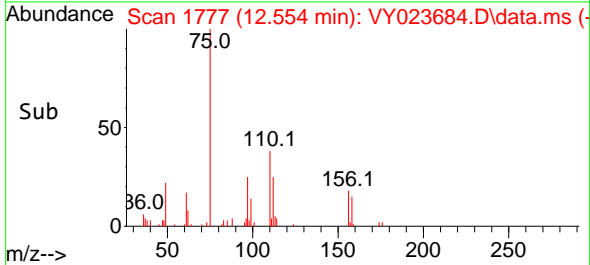
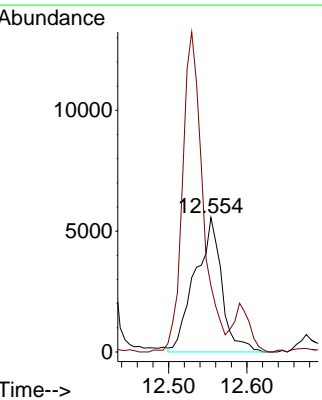
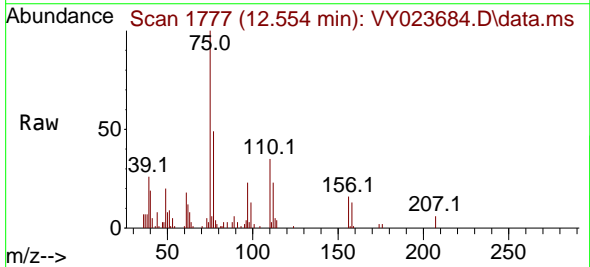
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

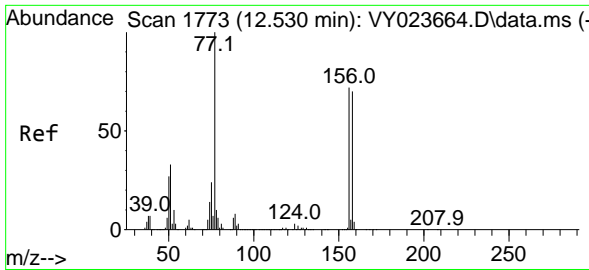
Tgt Ion	Resp	Lower	Upper
83	9354	100	
131	11.8	5.7	17.0
85	63.7	31.9	95.7



#76
 1,2,3-Trichloropropane
 Concen: 4.985 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

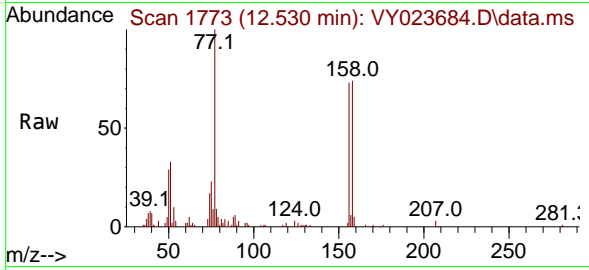
Tgt Ion	Resp	Lower	Upper
75	13200	100	
77	0.0	0.0	0.0





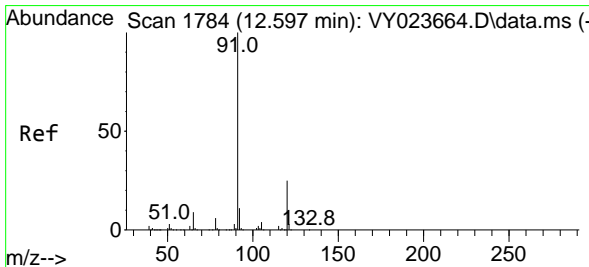
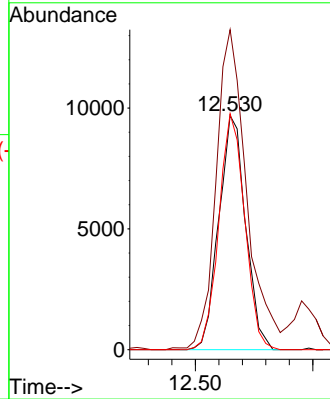
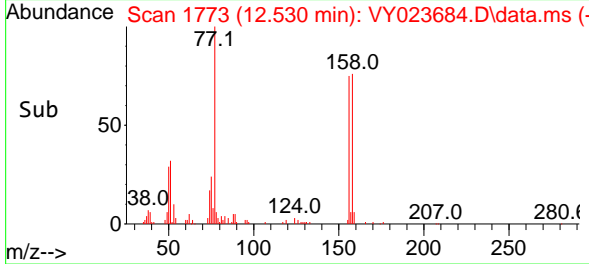
#77
 Bromobenzene
 Concen: 2.703 ug/l
 RT: 12.530 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

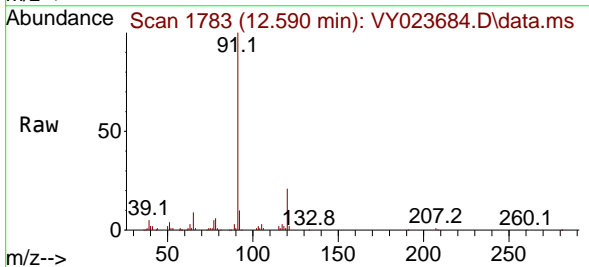


Tgt Ion:156 Resp: 15341

Ion	Ratio	Lower	Upper
156	100		
77	155.8	77.9	233.7
158	97.3	48.5	145.5

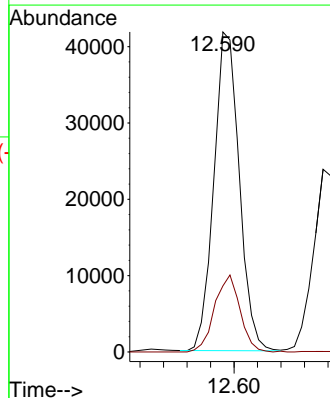
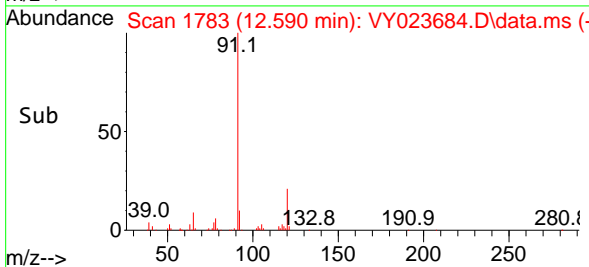


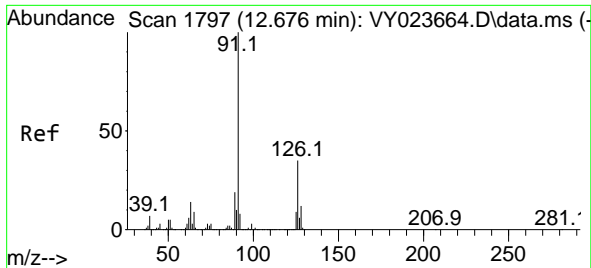
#78
 n-propylbenzene
 Concen: 2.435 ug/l
 RT: 12.590 min Scan# 1783
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 91 Resp: 62670

Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.0	36.1

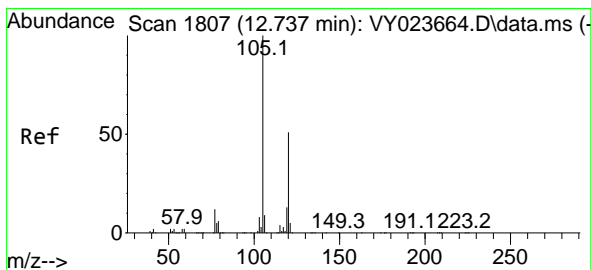
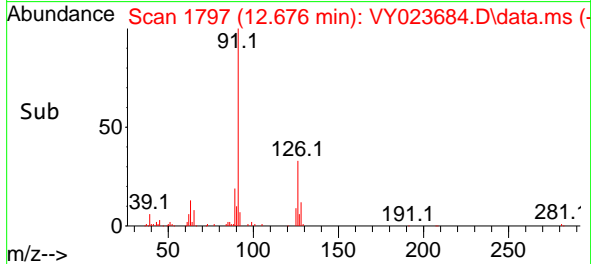
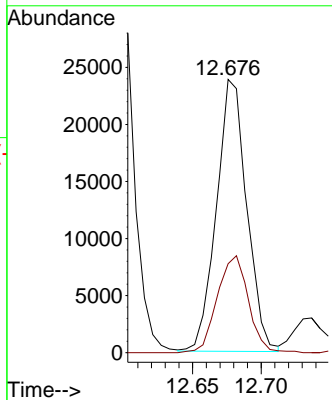
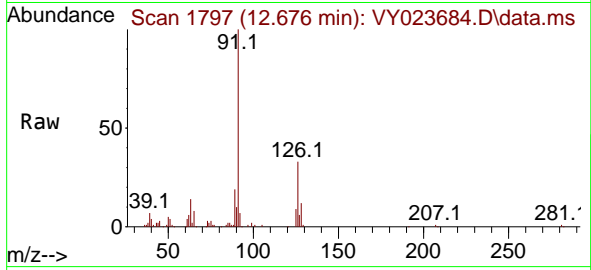




#79
 2-Chlorotoluene
 Concen: 2.457 ug/l
 RT: 12.676 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

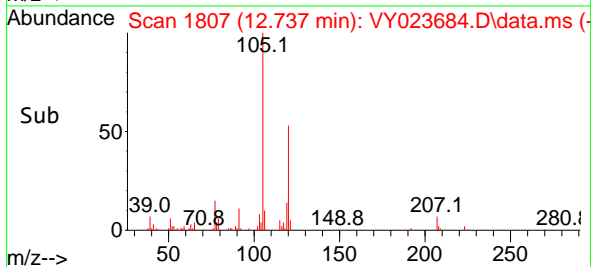
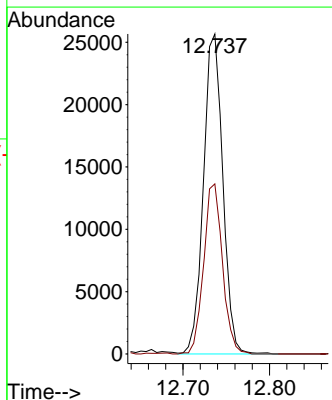
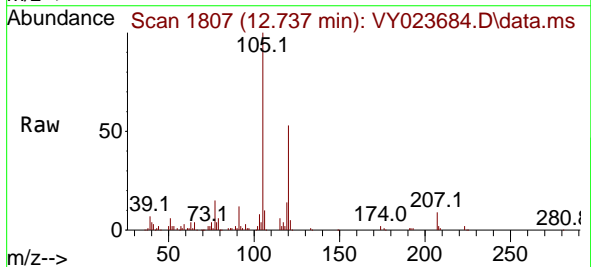
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

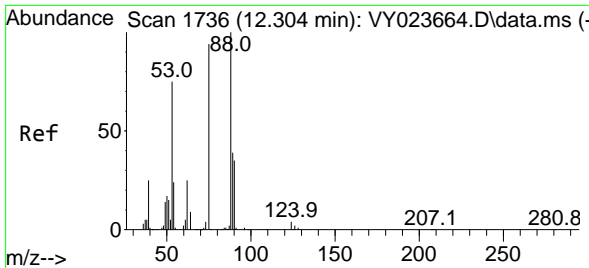
Tgt Ion: 91 Resp: 36692
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 2.240 ug/l
 RT: 12.737 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

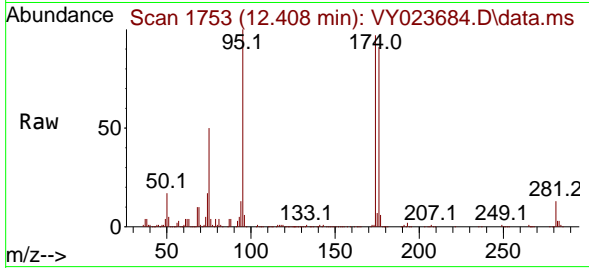
Tgt Ion: 105 Resp: 39826
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.4 76.2



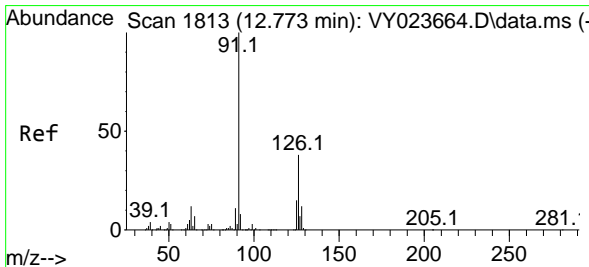
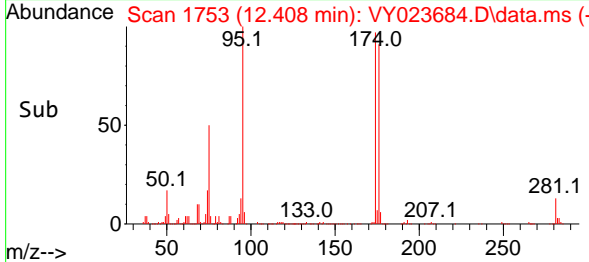
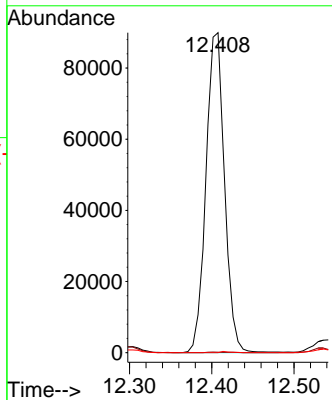


#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.628 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.104 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

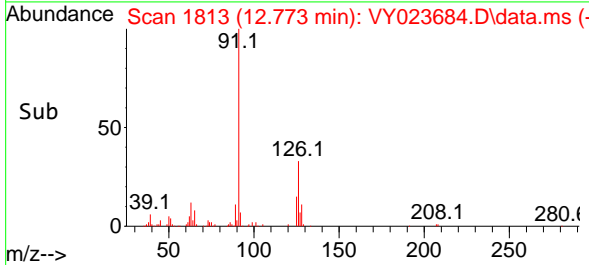
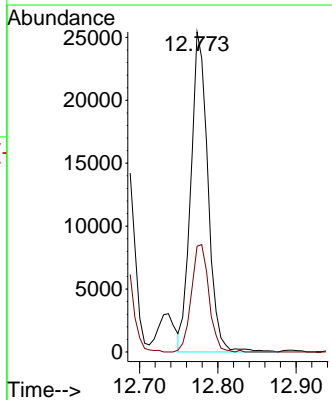
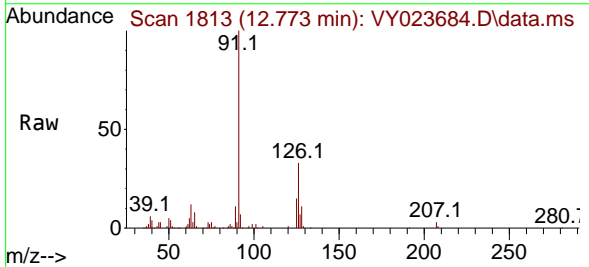


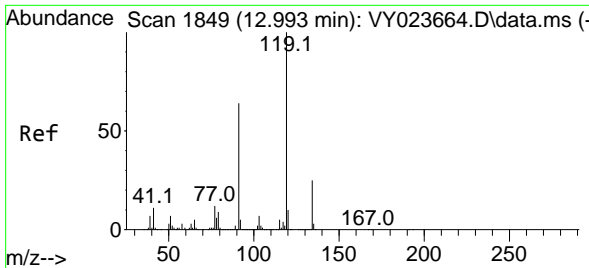
Tgt Ion: 75 Resp: 141332
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.6 104.4#
 89 0.2 38.2 57.4#



#82
 4-Chlorotoluene
 Concen: 2.509 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion: 91 Resp: 38651
 Ion Ratio Lower Upper
 91 100
 126 34.3 18.1 54.4

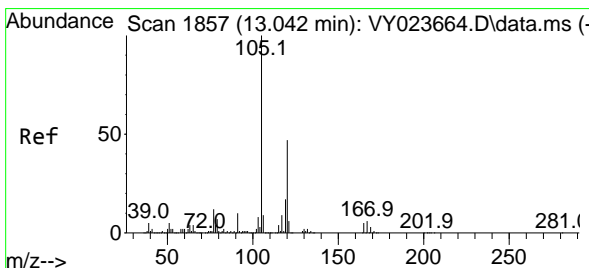
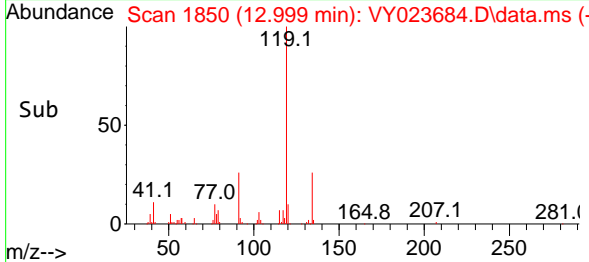
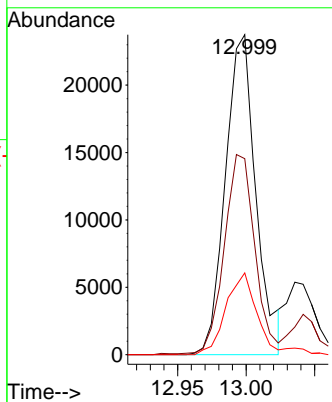
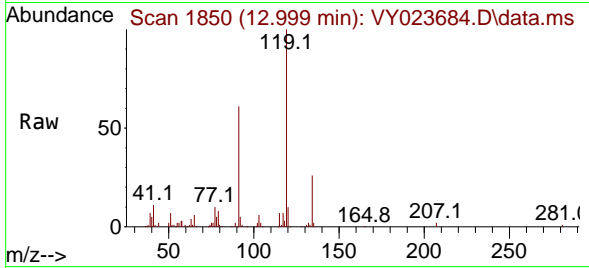




#83
 tert-Butylbenzene
 Concen: 2.278 ug/l
 RT: 12.999 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

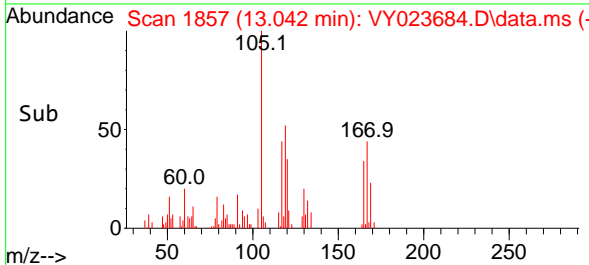
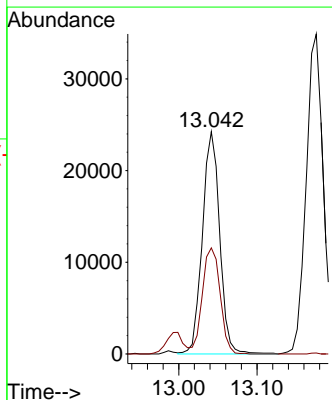
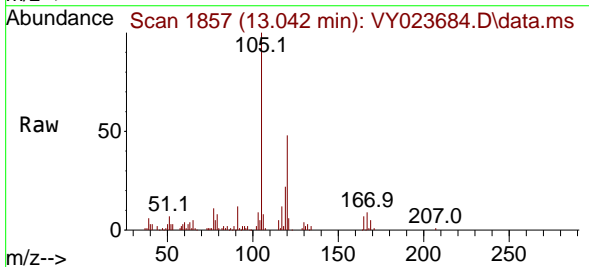
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

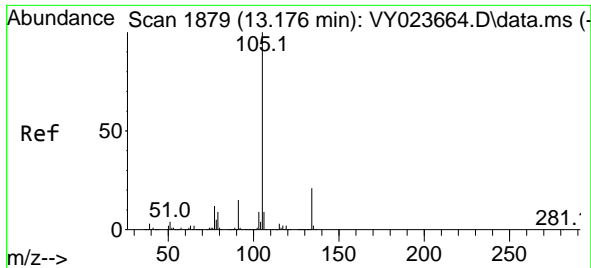
Tgt Ion:119 Resp: 36888
 Ion Ratio Lower Upper
 119 100
 91 63.0 30.7 92.1
 134 26.8 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.112 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion:105 Resp: 37194
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.2 69.6

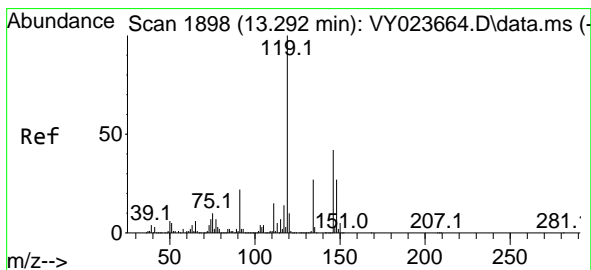
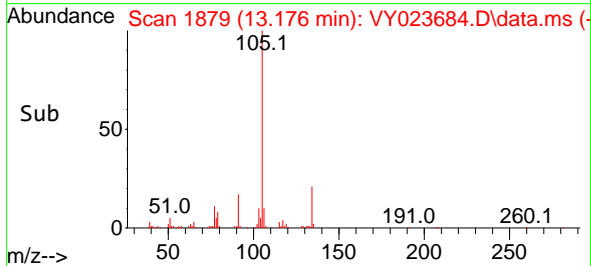
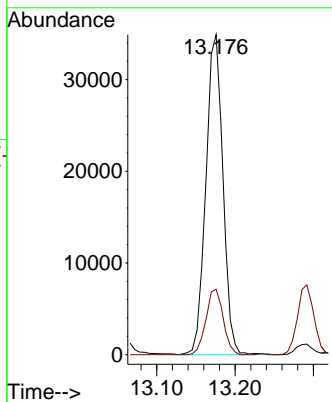
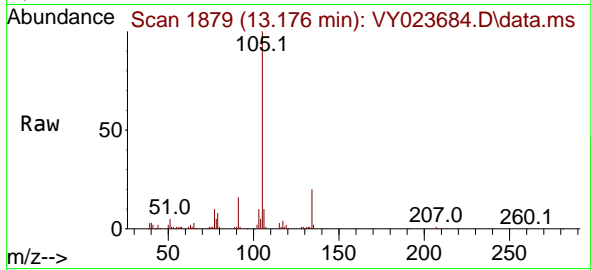




#85
 sec-Butylbenzene
 Concen: 2.256 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

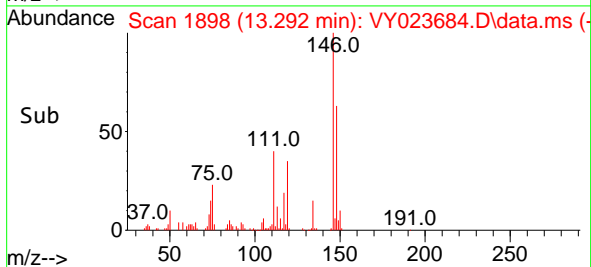
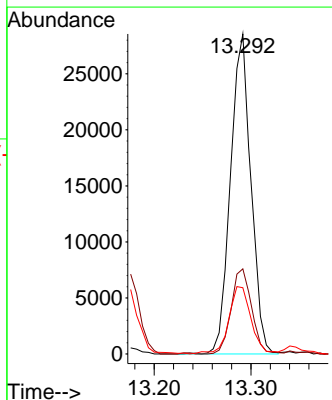
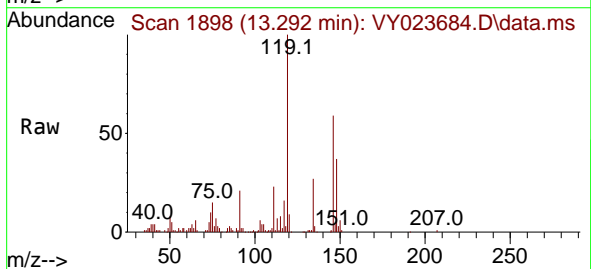
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

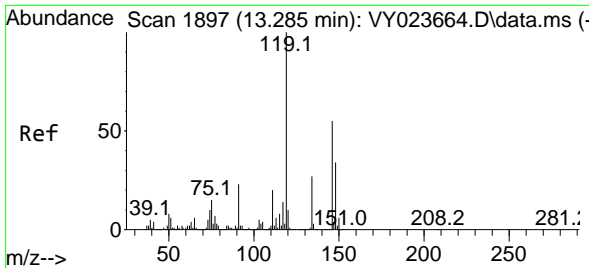
Tgt Ion:105 Resp: 52677
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 2.122 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

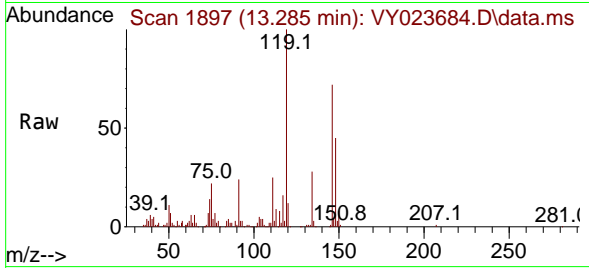
Tgt Ion:119 Resp: 41951
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 22.9 11.1 33.1





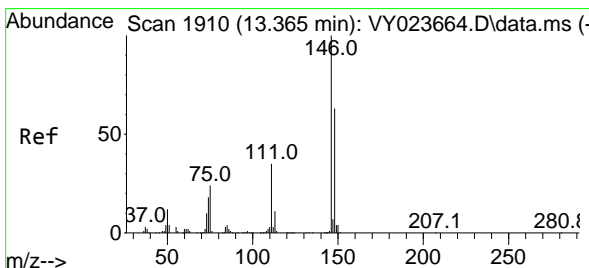
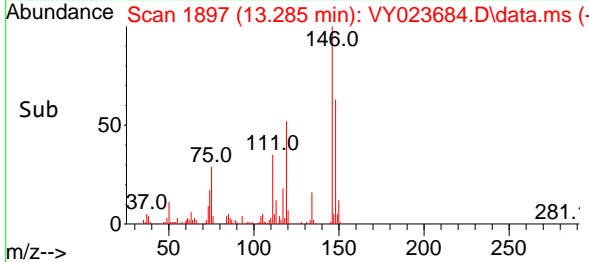
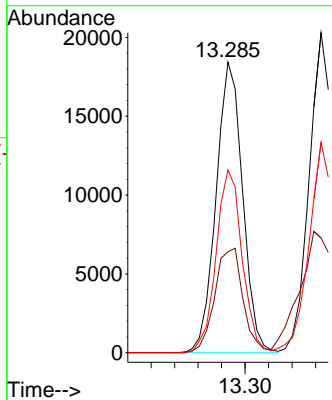
#87
 1,3-Dichlorobenzene
 Concen: 2.589 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025



Tgt Ion:146 Resp: 28926

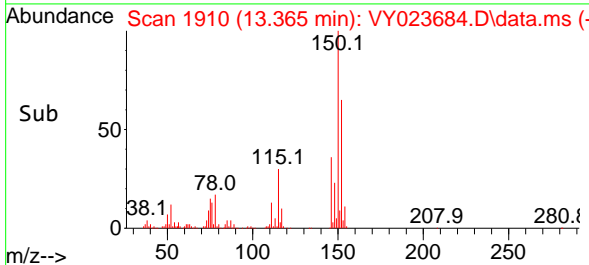
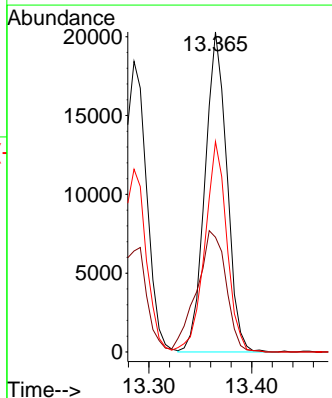
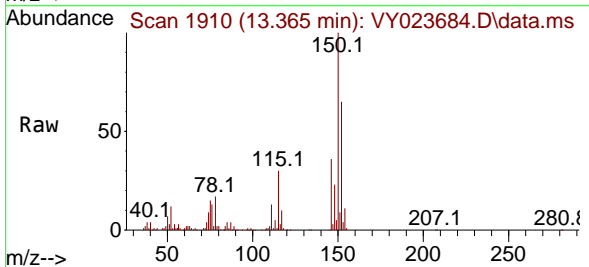
Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	61.6	31.9	95.5

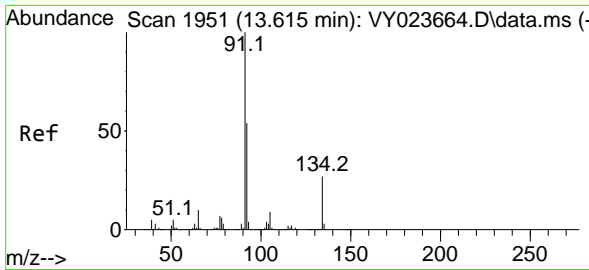


#88
 1,4-Dichlorobenzene
 Concen: 2.744 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion:146 Resp: 30117

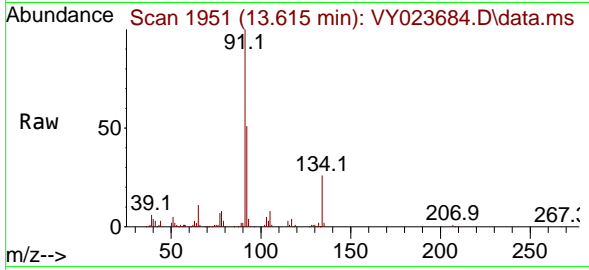
Ion	Ratio	Lower	Upper
146	100		
111	50.7	18.3	54.8
148	66.1	31.8	95.3





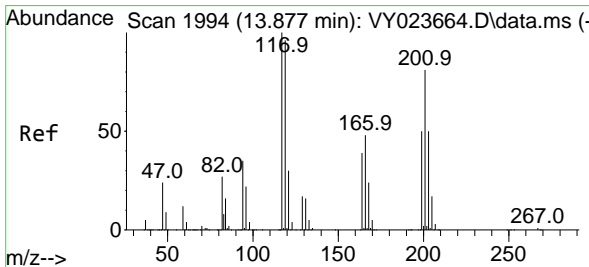
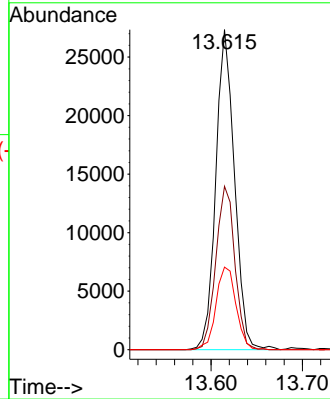
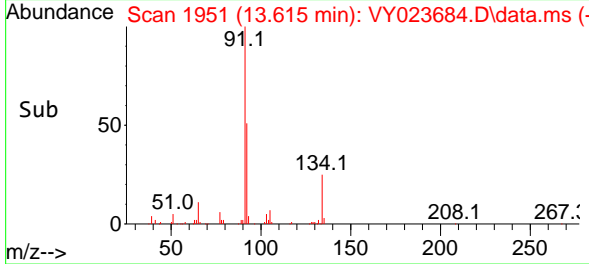
#89
 n-Butylbenzene
 Concen: 2.260 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

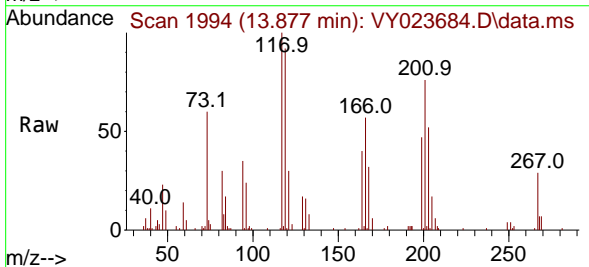


Tgt Ion: 91 Resp: 38848

Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.4
134	27.7	13.7	41.1

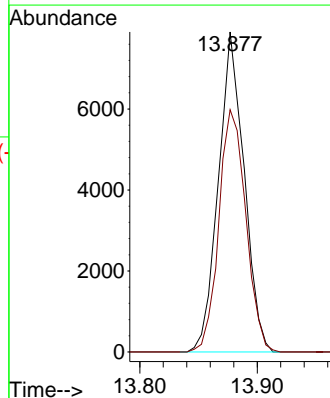
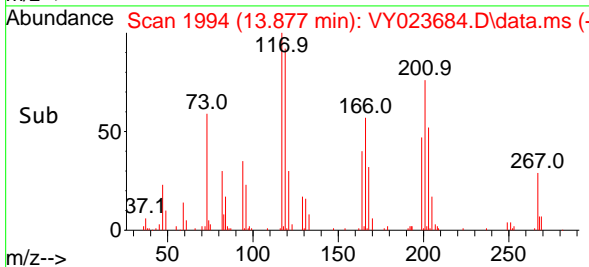


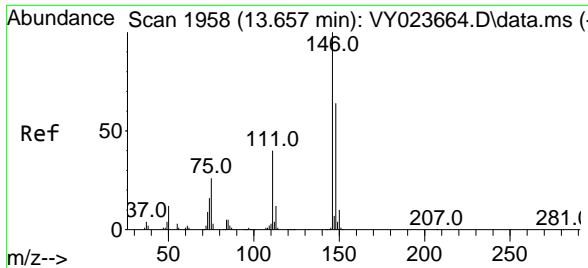
#90
 Hexachloroethane
 Concen: 2.830 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53



Tgt Ion: 117 Resp: 12023

Ion	Ratio	Lower	Upper
117	100		
201	79.3	42.3	126.8

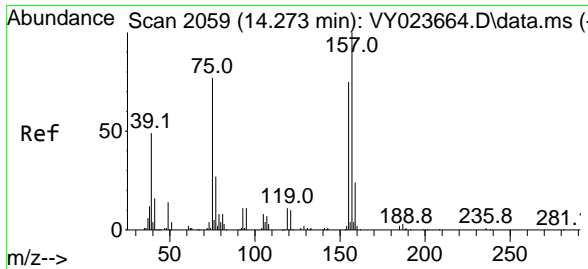
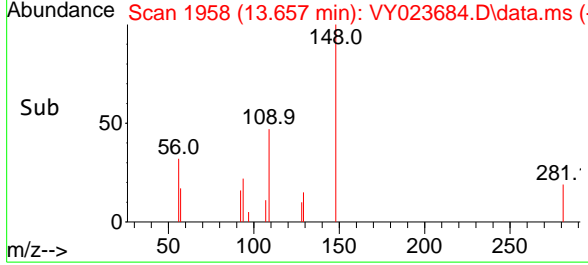
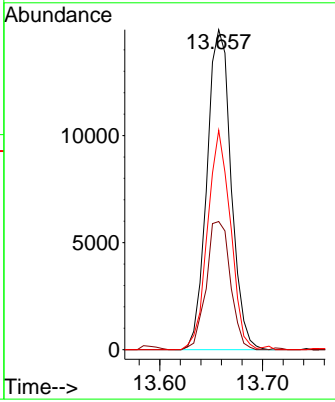
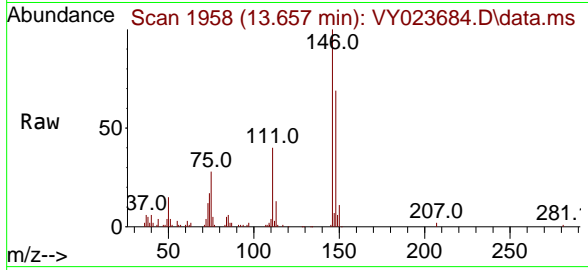




#91
 1,2-Dichlorobenzene
 Concen: 2.538 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

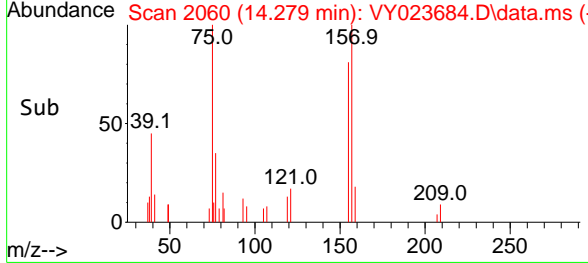
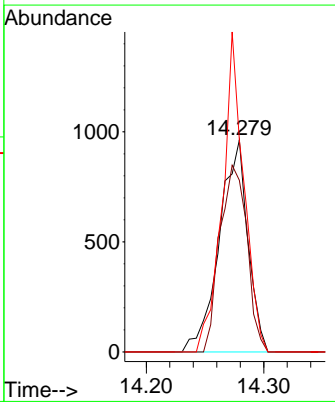
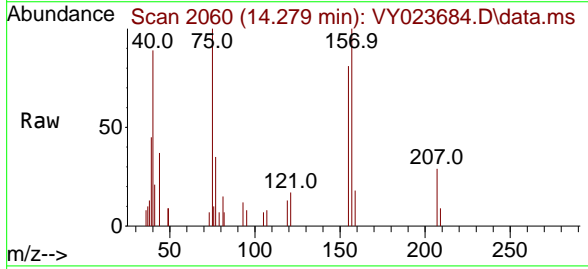
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

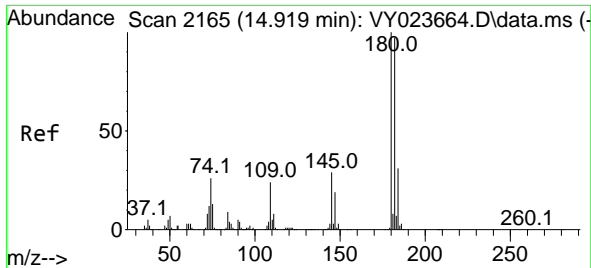
Tgt Ion	Resp	Lower	Upper
146	24433		
111	40.0	19.5	58.5
148	65.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.022 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
75	1626		
155	83.9	49.4	148.2
157	113.2	63.2	189.8

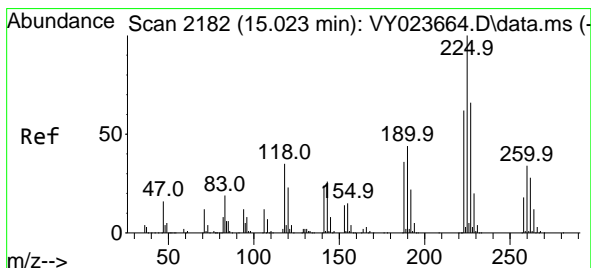
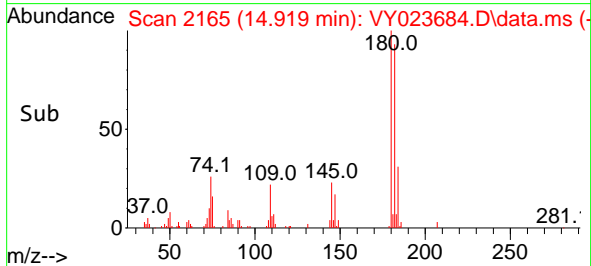
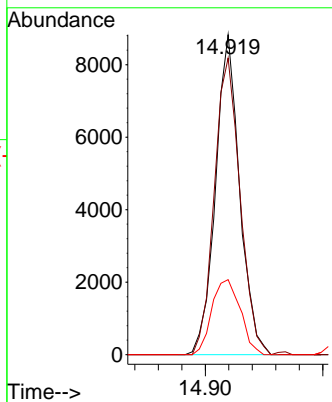
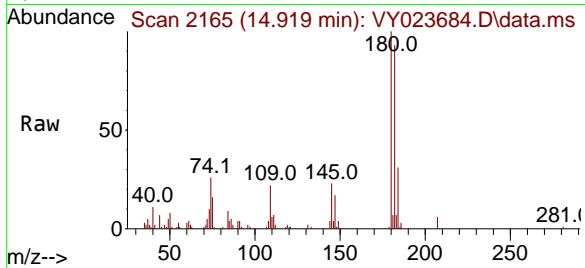




#93
 1,2,4-Trichlorobenzene
 Concen: 2.284 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

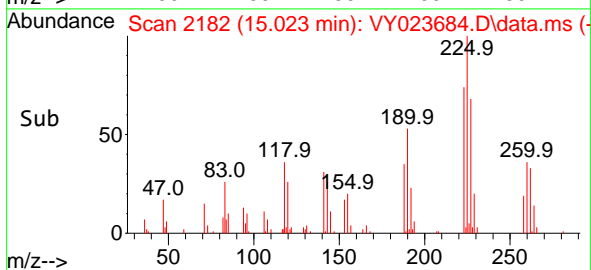
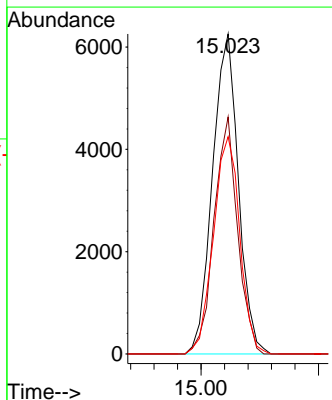
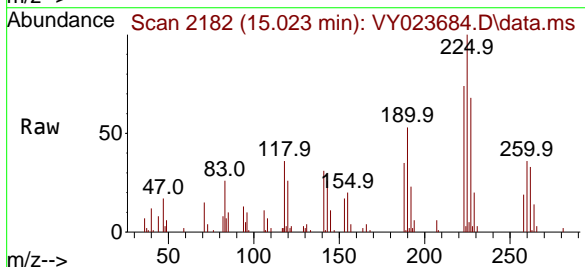
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

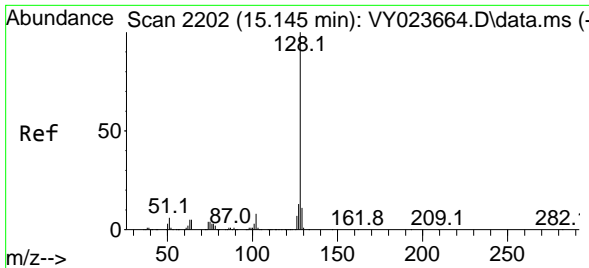
Tgt Ion	Resp	Lower	Upper
180	12575		
180	100		
182	99.4	47.5	142.6
145	27.7	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 2.648 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
225	9554		
225	100		
223	67.7	30.8	92.3
227	69.2	32.0	96.2

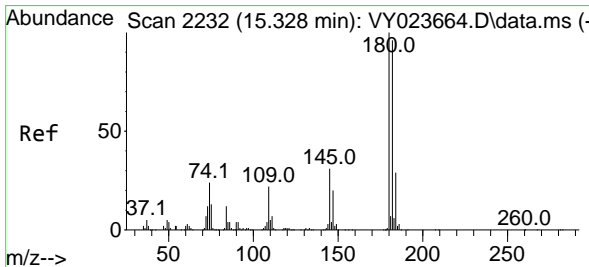
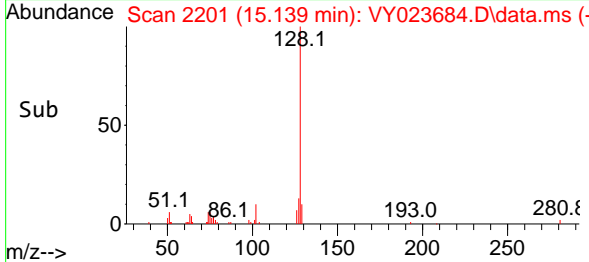
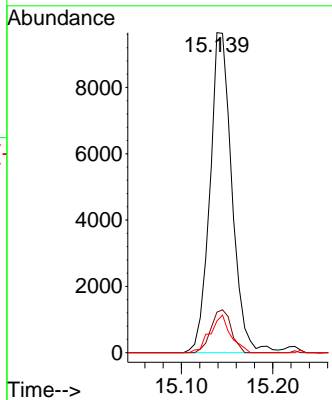
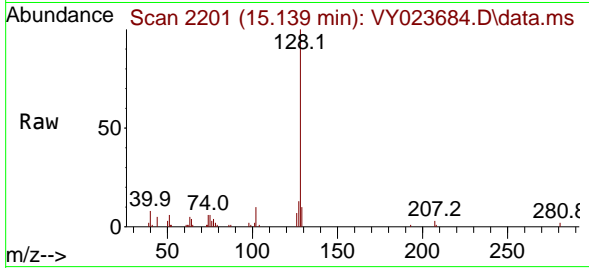




#95
 Naphthalene
 Concen: 6.762 ug/l
 RT: 15.139 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2025

Tgt Ion	Resp	Lower	Upper
128	16143		
127	12.3	10.5	15.7
129	11.0	8.8	13.2



#96
 1,2,3-Trichlorobenzene
 Concen: 2.267 ug/l
 RT: 15.328 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: VY023684.D
 Acq: 05 Nov 2025 11:53

Tgt Ion	Resp	Lower	Upper
180	10431		
182	97.2	47.5	142.6
145	32.9	15.5	46.5

