

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013288.D
 Acq On : 13 Apr 2023 12:11
 Operator : KP/MD
 Sample : 02213-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Quant Time: Apr 14 02:58:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	229883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148446	53.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.460%			
35) Dibromofluoromethane	7.710	113	126063	51.728	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.460%			
50) Toluene-d8	10.173	98	464617	51.219	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.477	95	147175	49.935	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6011	2.905	ug/l	99
3) Chloromethane	2.107	50	8031	3.098	ug/l	97
4) Vinyl Chloride	2.247	62	7281	2.963	ug/l #	86
5) Bromomethane	2.650	94	5596	2.969	ug/l	94
6) Chloroethane	2.790	64	4853	2.928	ug/l	100
7) Trichlorofluoromethane	3.125	101	10989	2.873	ug/l	96
8) Diethyl Ether	3.515	74	4174	3.004	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	6680	2.972	ug/l	94
10) Methyl Iodide	4.082	142	6897	2.502	ug/l #	47
11) Tert butyl alcohol	4.978	59	2349	Below Cal		97
12) 1,1-Dichloroethene	3.875	96	6222	2.876	ug/l #	86
13) Acrolein	3.729	56	4540	13.377	ug/l	89
14) Allyl chloride	4.472	41	11487	2.780	ug/l	90
15) Acrylonitrile	5.161	53	10771	13.488	ug/l	91
16) Acetone	3.948	43	14416	15.177	ug/l	97
17) Carbon Disulfide	4.192	76	20461	2.873	ug/l #	95
18) Methyl Acetate	4.466	43	8847	2.880	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	17010	2.625	ug/l #	86
20) Methylene Chloride	4.704	84	20441	4.237	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	7145	2.893	ug/l	94
22) Diisopropyl ether	6.112	45	20648	2.535	ug/l #	82
23) Vinyl Acetate	6.058	43	64557	12.540	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	12766	2.806	ug/l #	95
25) 2-Butanone	6.984	43	18874	15.518	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	14997	3.675	ug/l	85
27) cis-1,2-Dichloroethene	6.984	96	7504	2.795	ug/l	75
28) Bromochloromethane	7.326	49	5041	2.781	ug/l	92
29) Tetrahydrofuran	7.350	42	10617	14.373	ug/l	94
30) Chloroform	7.502	83	13299	2.889	ug/l	99
31) Cyclohexane	7.777	56	15741	3.768	ug/l #	63
32) 1,1,1-Trichloroethane	7.691	97	11671	2.802	ug/l	96
36) 1,1-Dichloropropene	7.917	75	10476	2.838	ug/l	99
37) Ethyl Acetate	7.063	43	6654	2.236	ug/l #	85
38) Carbon Tetrachloride	7.893	117	11190	2.741	ug/l	94
39) Methylcyclohexane	9.185	83	11235	2.618	ug/l	95
40) Benzene	8.155	78	28373	2.655	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	2536	2.054	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	10235	2.825	ug/l	98
43) Isopropyl Acetate	8.271	43	13345	2.700	ug/l	98
44) Trichloroethene	8.935	130	7928	2.880	ug/l	92
45) 1,2-Dichloropropane	9.216	63	7521	2.712	ug/l	91
46) Dibromomethane	9.301	93	4617	2.766	ug/l	95
47) Bromodichloromethane	9.490	83	10374	2.719	ug/l	91
48) Methyl methacrylate	9.289	41	5224	2.301	ug/l	92
49) 1,4-Dioxane	9.301	88	690	30.510	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	35796	13.306	ug/l	96
52) Toluene	10.240	92	17621	2.731	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	10235	2.561	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	10852	2.477	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	6114	2.778	ug/l	94
56) Ethyl methacrylate	10.508	69	7123	2.364	ug/l	90
57) 1,3-Dichloropropane	10.788	76	10036	2.681	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.776	63	16365	13.006	ug/l	99
59) 2-Hexanone	10.831	43	23822	12.178	ug/l	98
60) Dibromochloromethane	10.977	129	7789	2.822	ug/l	89
61) 1,2-Dibromoethane	11.081	107	5837	2.724	ug/l	100
64) Tetrachloroethene	10.715	164	7118	2.992	ug/l	92
65) Chlorobenzene	11.514	112	19885	2.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	7613	2.876	ug/l	95
67) Ethyl Benzene	11.593	91	32981	2.685	ug/l	97
68) m/p-Xylenes	11.703	106	24792	5.274	ug/l	100
69) o-Xylene	12.026	106	11294	2.594	ug/l	96
70) Styrene	12.038	104	17631	2.398	ug/l	96
71) Bromoform	12.203	173	4847	2.643	ug/l #	98
73) Isopropylbenzene	12.331	105	30140	2.692	ug/l	98
74) N-amyl acetate	12.142	43	9483	2.374	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	7946	2.873	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	10354	5.092	ug/l #	100
77) Bromobenzene	12.605	156	8607	3.075	ug/l	95
78) n-propylbenzene	12.666	91	41143	2.976	ug/l	98
79) 2-Chlorotoluene	12.751	91	24110	3.098	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	26257	2.800	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	2491	2.542	ug/l	93
82) 4-Chlorotoluene	12.849	91	25526	3.111	ug/l	99
83) tert-Butylbenzene	13.075	119	22813	2.835	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	24913	2.730	ug/l	97
85) sec-Butylbenzene	13.251	105	33059	2.748	ug/l	99
86) p-Isopropyltoluene	13.367	119	27193	2.754	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	17568	3.256	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	18095	3.318	ug/l	89
89) n-Butylbenzene	13.690	91	26581	2.815	ug/l	96
90) Hexachloroethane	13.959	117	7305	3.548	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	15114	3.078	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1407	2.802	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	9071	3.108	ug/l	92
94) Hexachlorobutadiene	15.111	225	5240	3.032	ug/l	95
95) Naphthalene	15.233	128	16409	5.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	8293	3.119	ug/l	94

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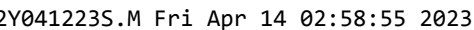
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

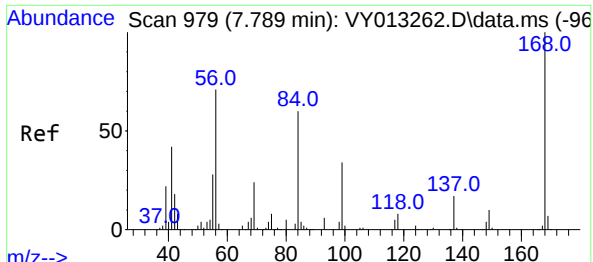
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QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

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

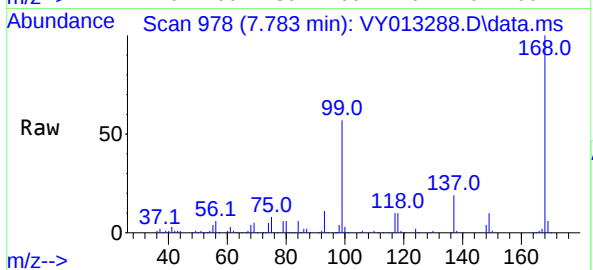
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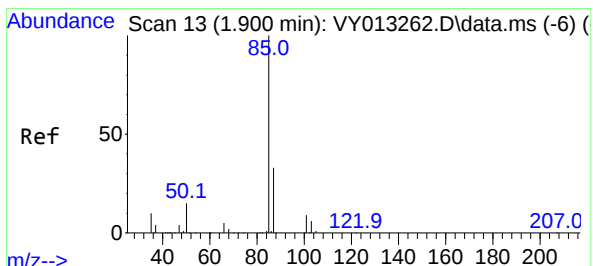
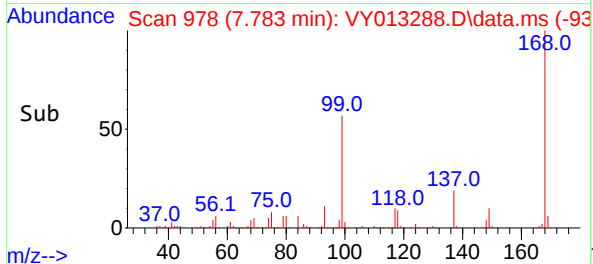
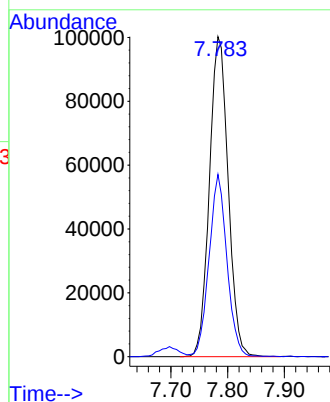


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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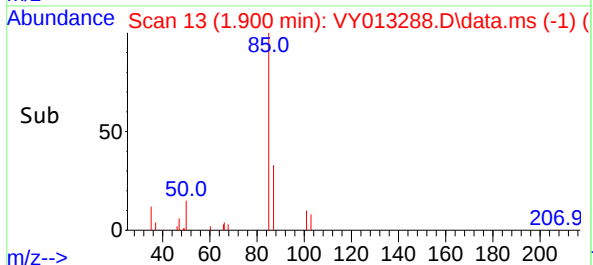
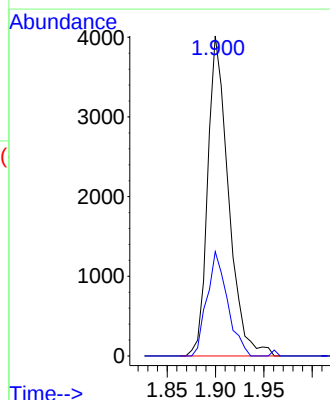
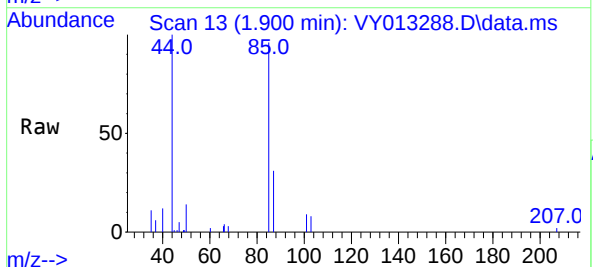


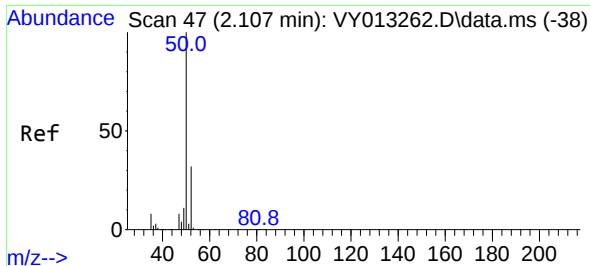
Tgt Ion:168 Resp: 229883
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 2.905 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 85 Resp: 6011
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.0

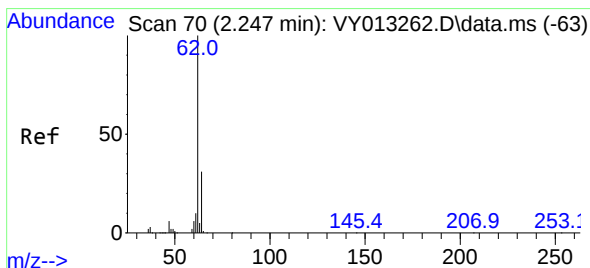
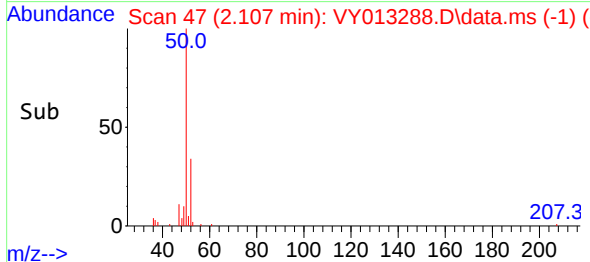
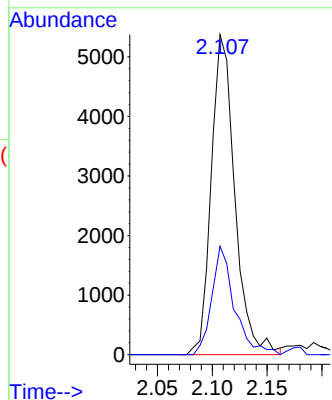
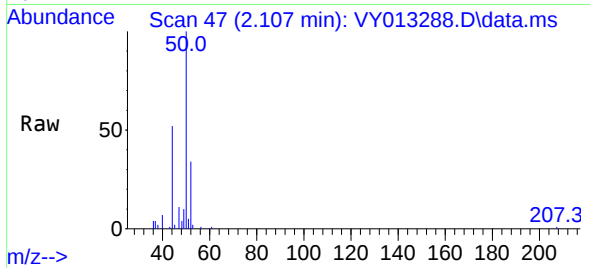




#3
Chloromethane
Concen: 3.098 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

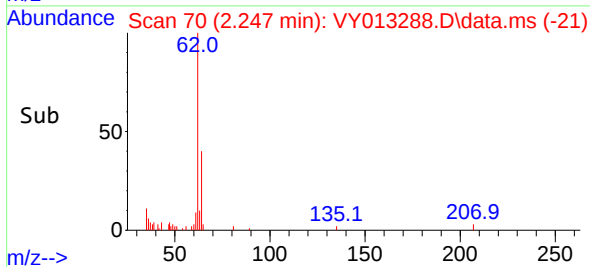
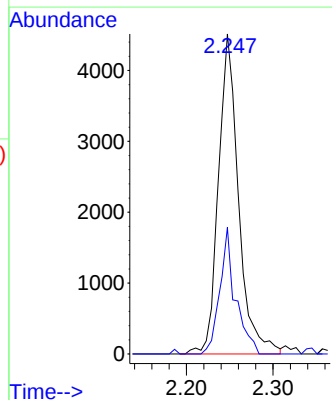
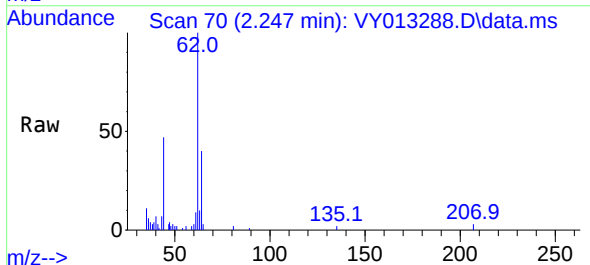
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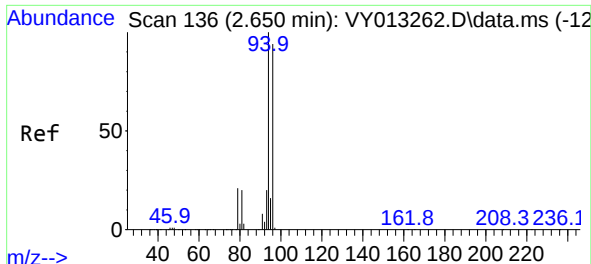
Tgt Ion: 50 Resp: 8031
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0



#4
Vinyl Chloride
Concen: 2.963 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 62 Resp: 7281
Ion Ratio Lower Upper
62 100
64 39.6 25.6 38.4

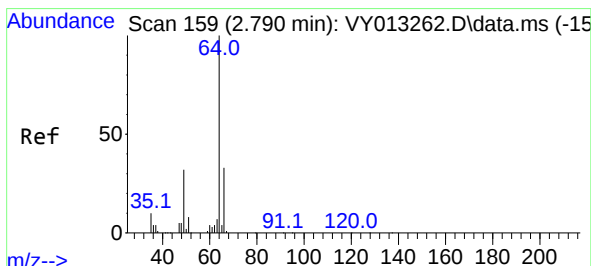
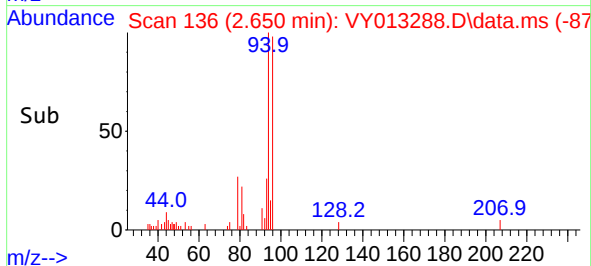
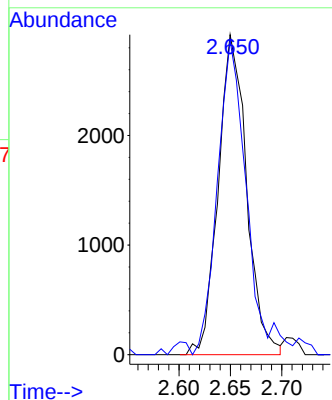
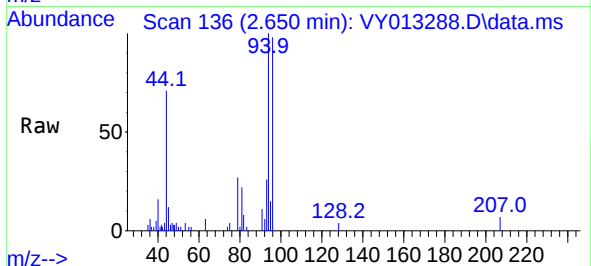




#5
Bromomethane
Concen: 2.969 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013288.D
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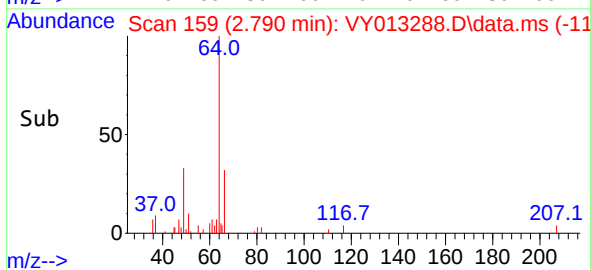
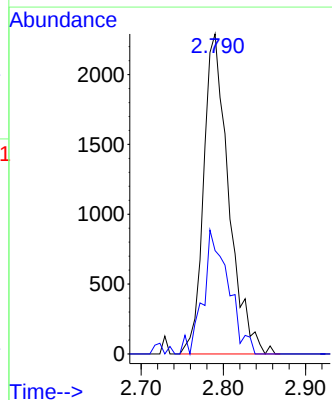
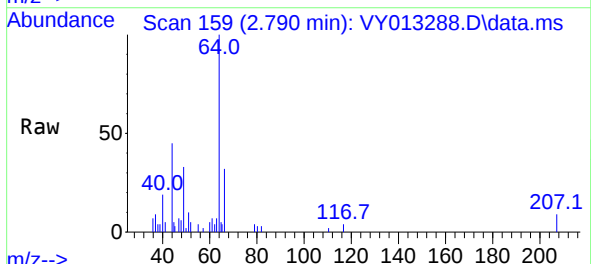
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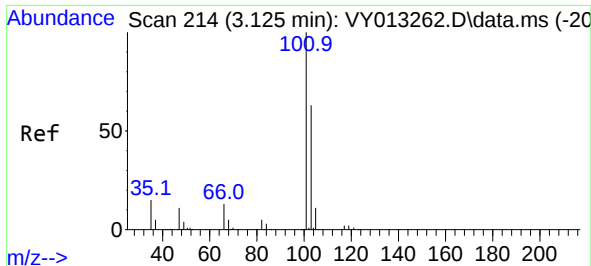
Tgt Ion: 94 Resp: 5596
Ion Ratio Lower Upper
94 100
96 94.2 80.3 120.5



#6
Chloroethane
Concen: 2.928 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013288.D
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Tgt Ion: 64 Resp: 4853
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5

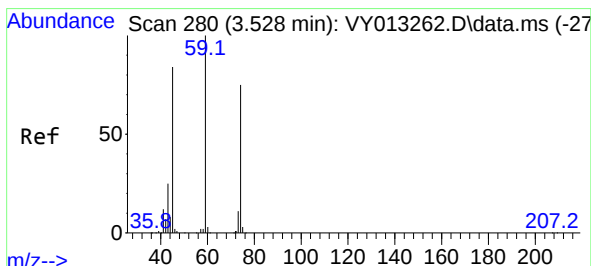
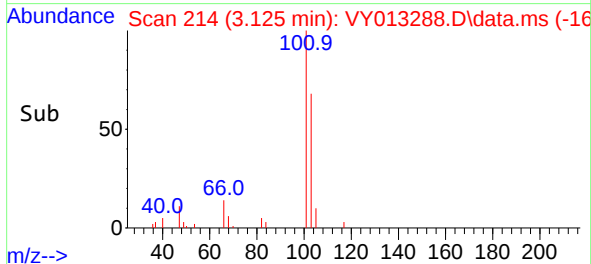
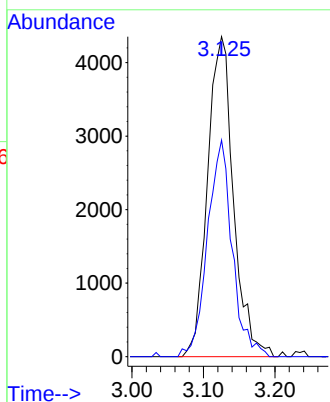
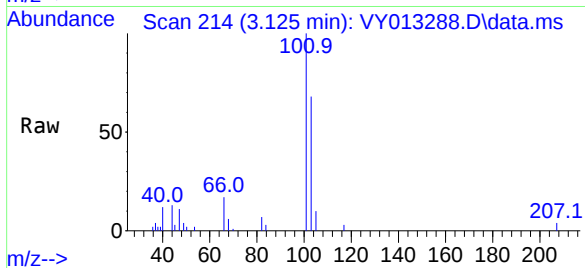




#7
Trichlorofluoromethane
Concen: 2.873 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

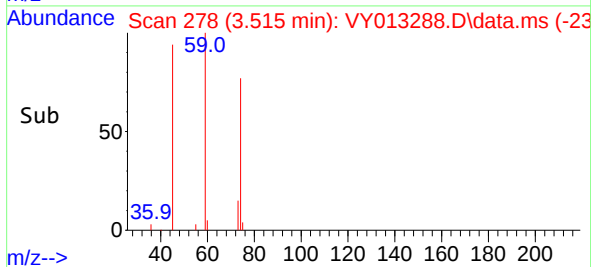
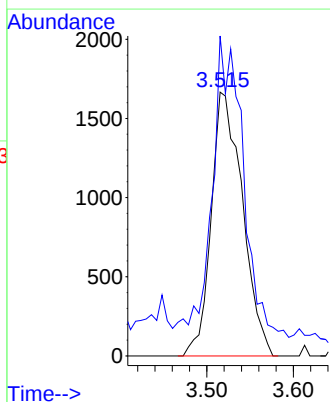
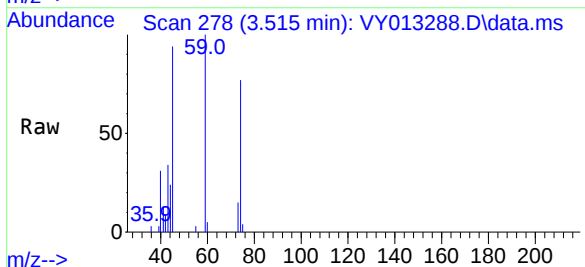
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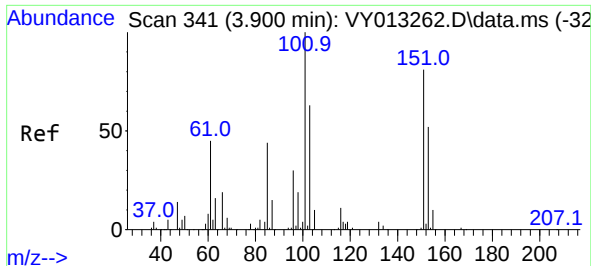
Tgt Ion:101 Resp: 10989
Ion Ratio Lower Upper
101 100
103 67.6 51.5 77.3



#8
Diethyl Ether
Concen: 3.004 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.012 min
Lab File: VY013288.D
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Tgt Ion: 74 Resp: 4174
Ion Ratio Lower Upper
74 100
45 115.5 52.1 156.4

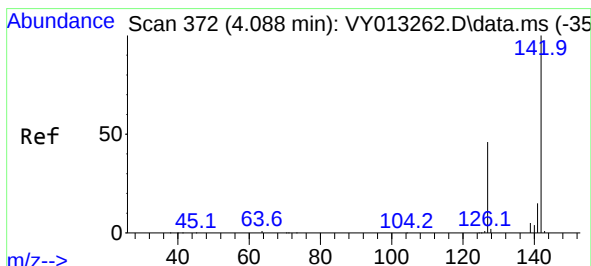
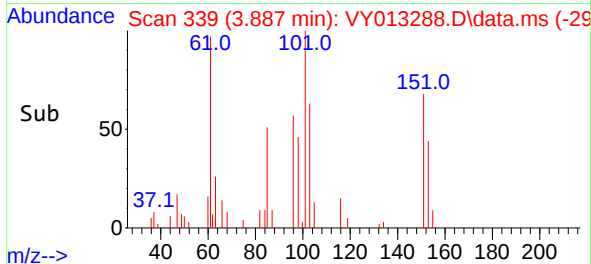
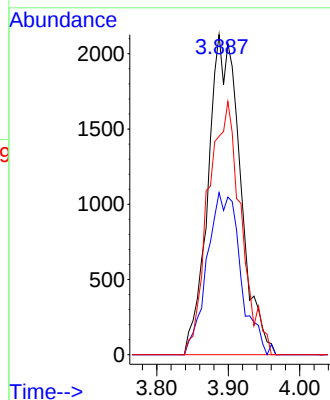
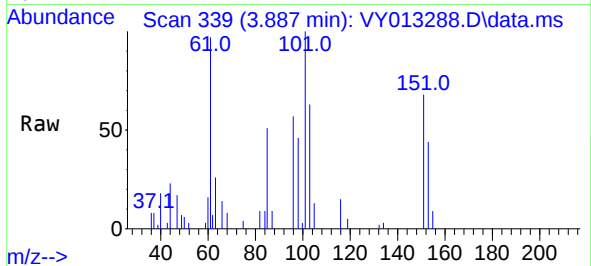




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.972 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

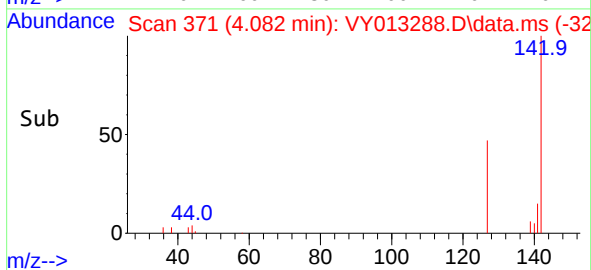
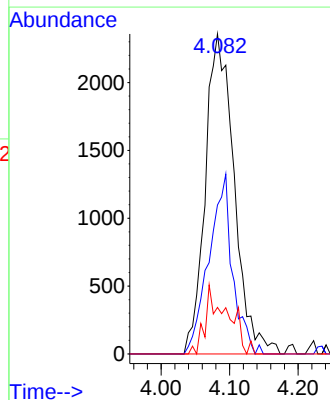
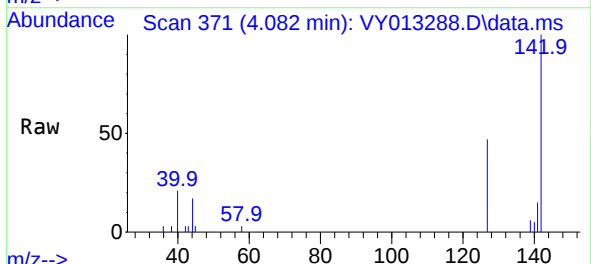
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

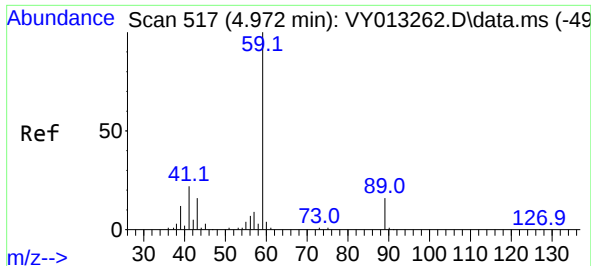
Tgt Ion:101 Resp: 6680
Ion Ratio Lower Upper
101 100
85 52.5 35.3 52.9
151 80.4 63.1 94.7



#10
Methyl Iodide
Concen: 2.502 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:142 Resp: 6897
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 16.3 11.3 16.9

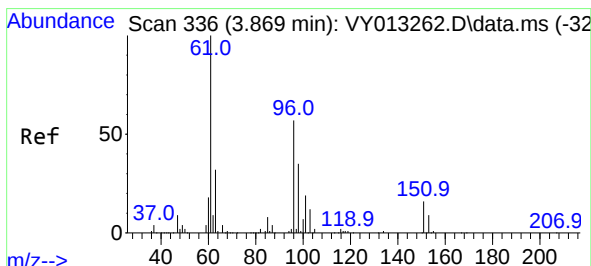
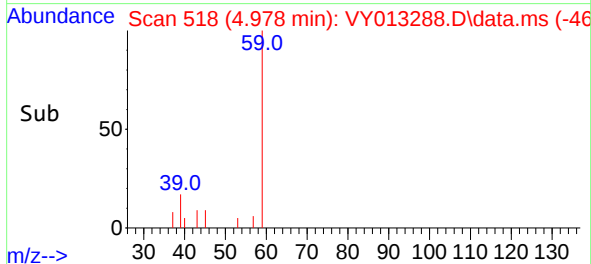
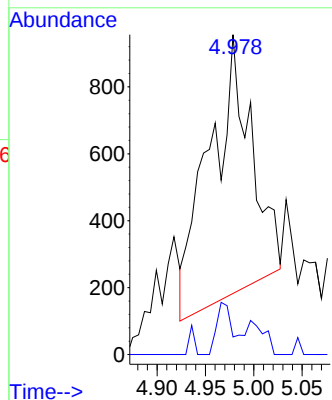
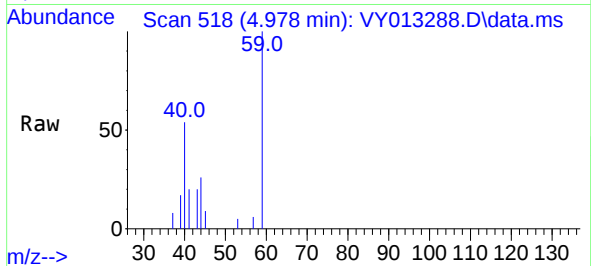




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

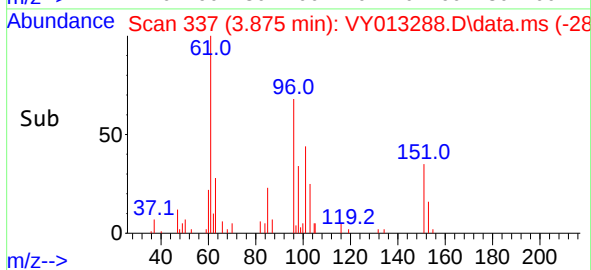
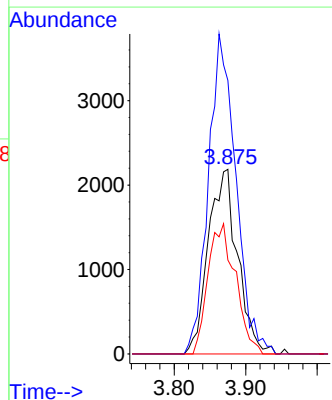
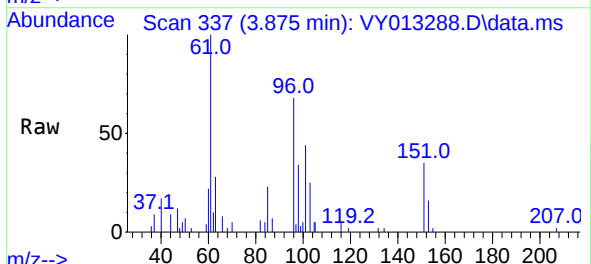
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

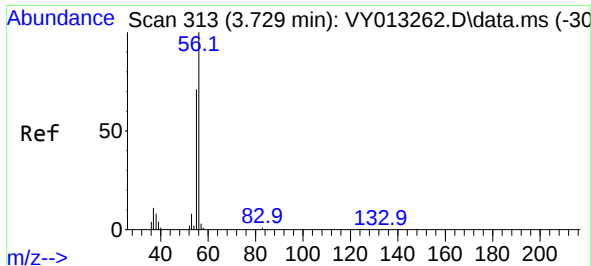
Tgt Ion: 59 Resp: 2349
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 2.876 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 96 Resp: 6222
Ion Ratio Lower Upper
96 100
61 148.1 131.7 197.5
98 50.9 52.0 78.0#

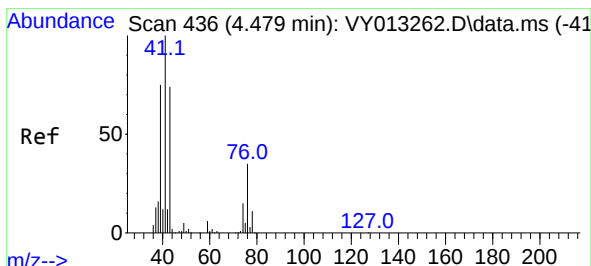
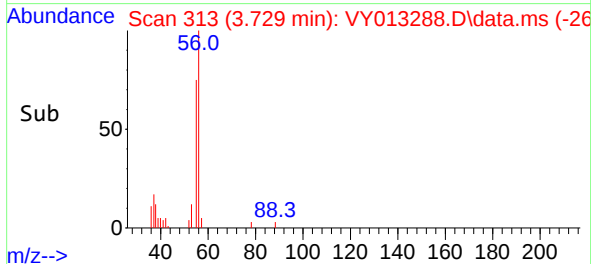
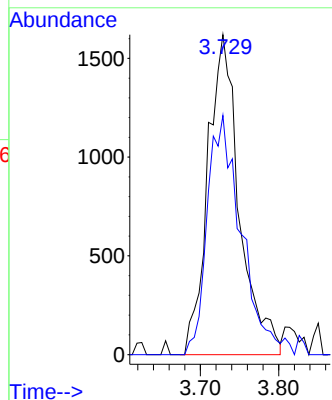
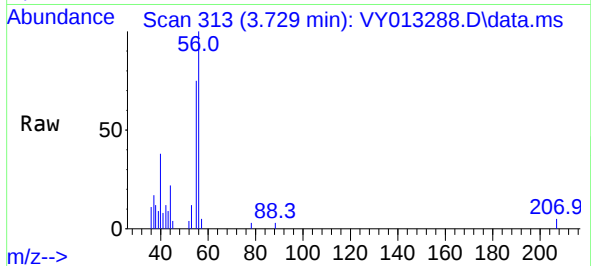




#13
Acrolein
Concen: 13.377 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

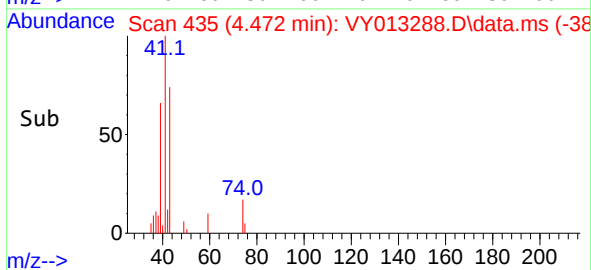
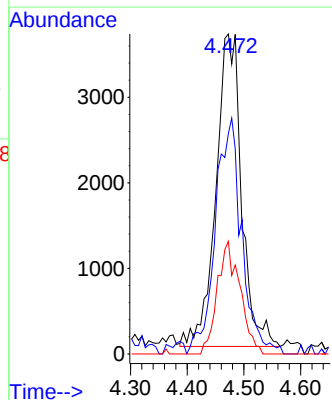
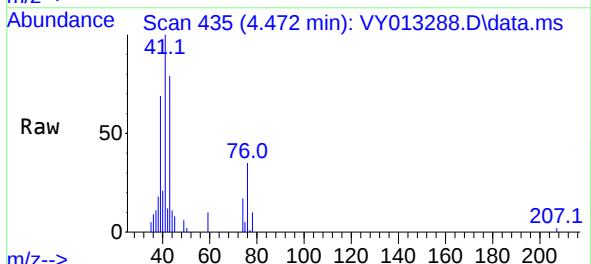
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

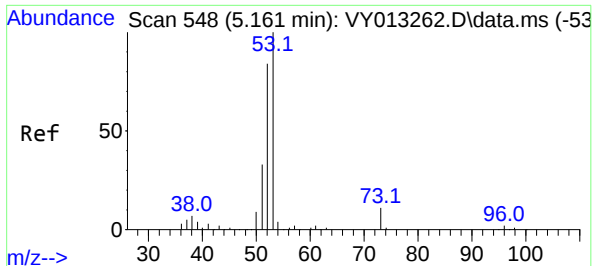
Tgt Ion: 56 Resp: 4540
Ion Ratio Lower Upper
56 100
55 80.2 56.8 85.2



#14
Allyl chloride
Concen: 2.780 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 41 Resp: 11487
Ion Ratio Lower Upper
41 100
39 77.6 53.6 80.4
76 31.9 27.2 40.8

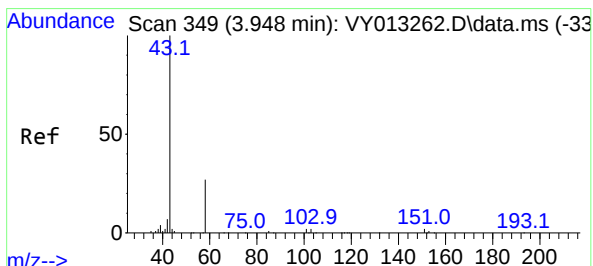
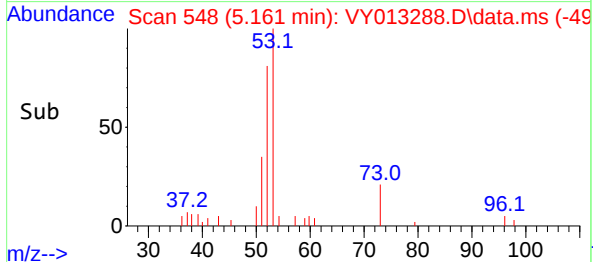
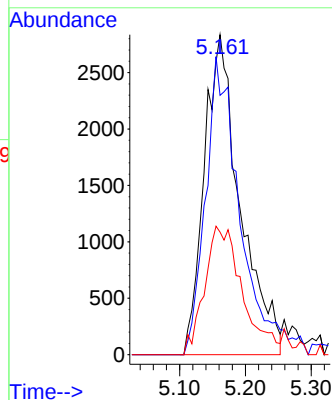
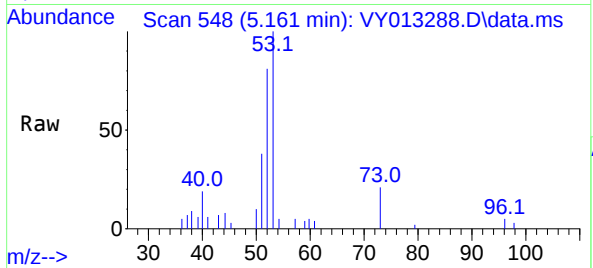




#15
Acrylonitrile
Concen: 13.488 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

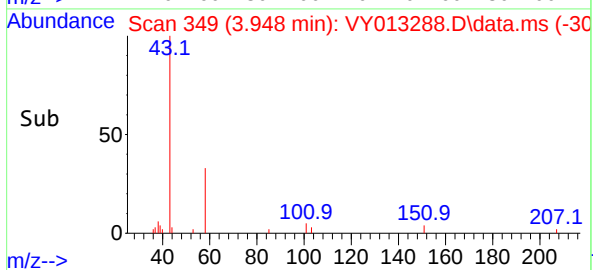
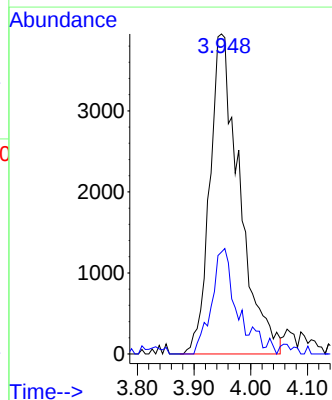
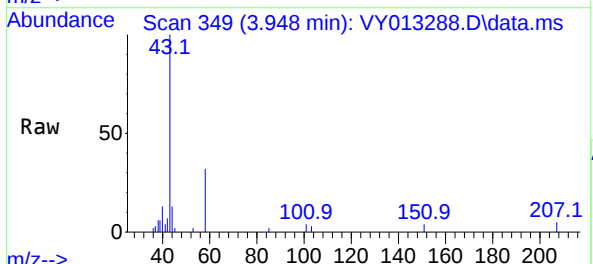
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

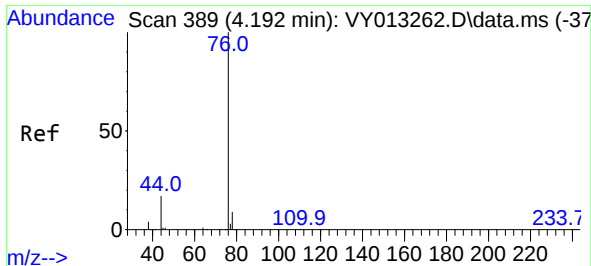
Tgt Ion: 53	Resp: 10771
Ion Ratio	Lower Upper
53 100	
52 90.0	66.3 99.5
51 42.2	28.8 43.2



#16
Acetone
Concen: 15.177 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 43	Resp: 14416
Ion Ratio	Lower Upper
43 100	
58 31.9	24.2 36.2

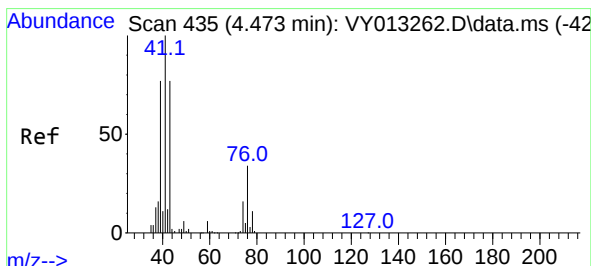
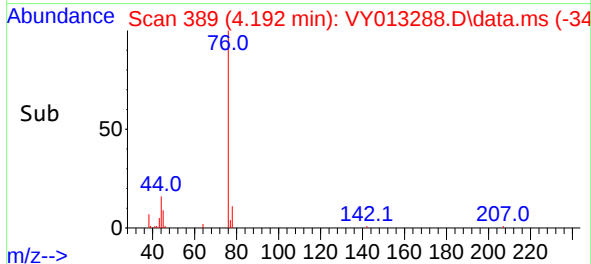
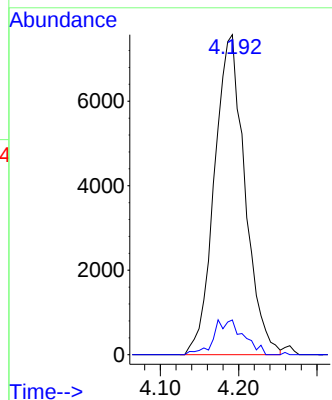
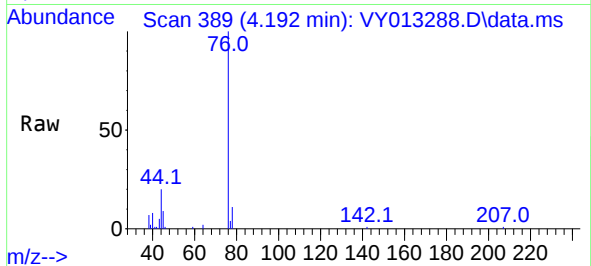




#17
Carbon Disulfide
Concen: 2.873 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

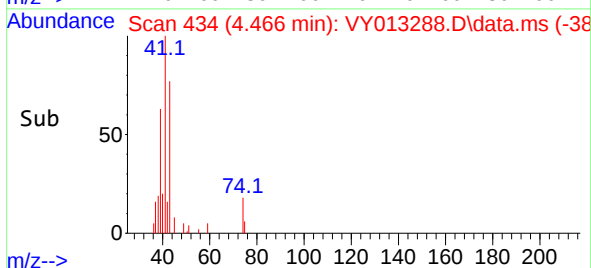
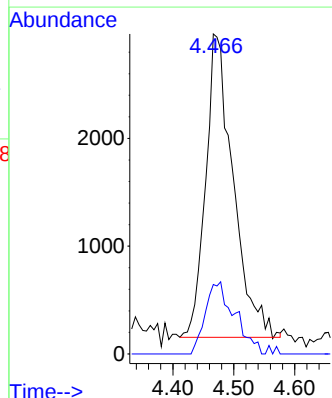
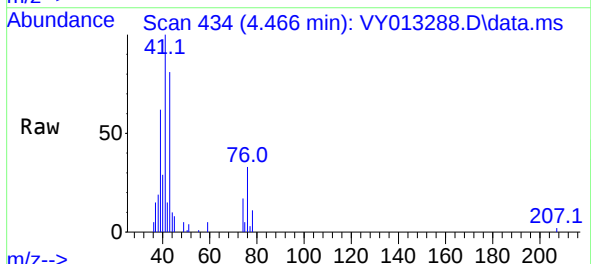
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

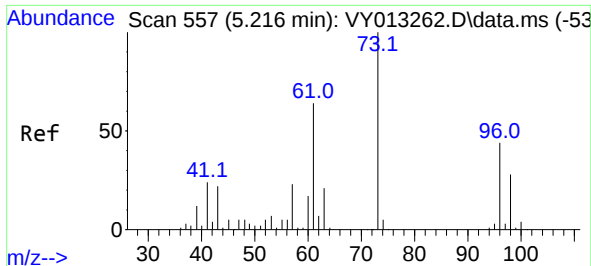
Tgt Ion: 76 Resp: 20461
Ion Ratio Lower Upper
76 100
78 10.9 7.1 10.7#



#18
Methyl Acetate
Concen: 2.880 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 43 Resp: 8847
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

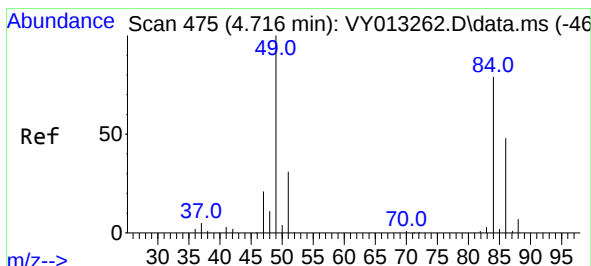
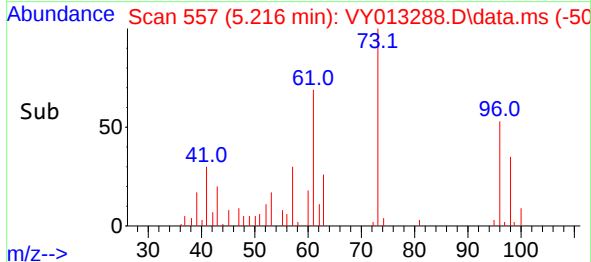
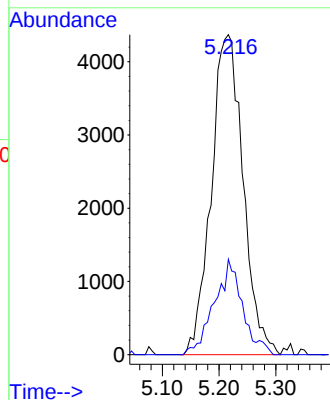
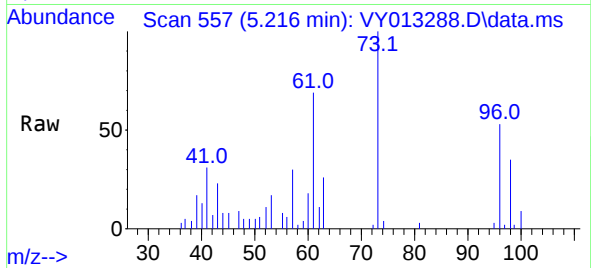




#19
Methyl tert-butyl Ether
Concen: 2.625 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

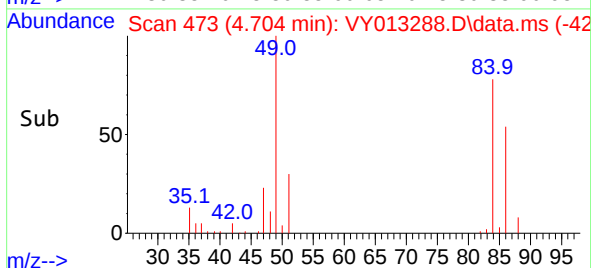
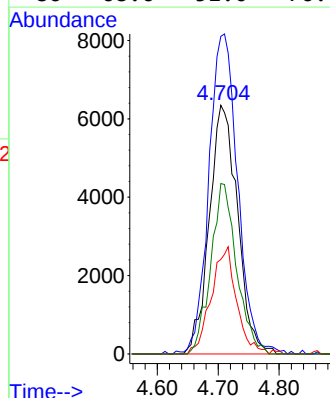
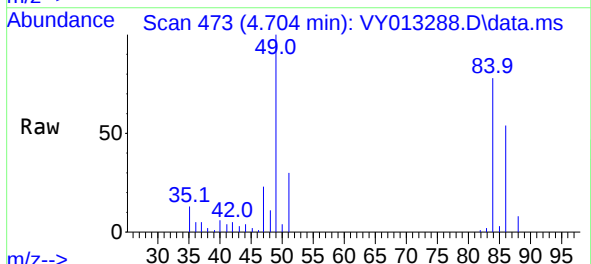
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

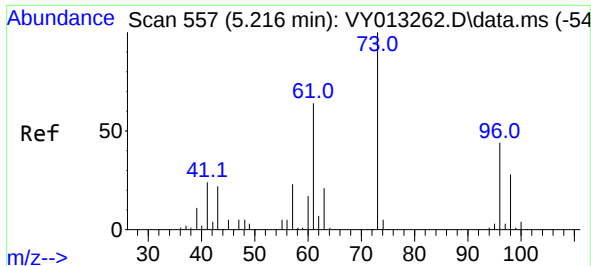
Tgt Ion: 73 Resp: 17010
Ion Ratio Lower Upper
73 100
57 29.8 18.3 27.5#



#20
Methylene Chloride
Concen: 4.237 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 84 Resp: 20441
Ion Ratio Lower Upper
84 100
49 126.9 102.6 154.0
51 38.0 31.9 47.9
86 68.6 51.0 76.6

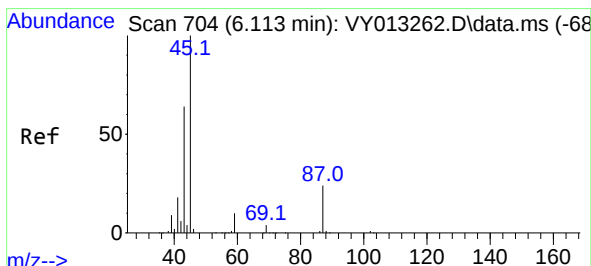
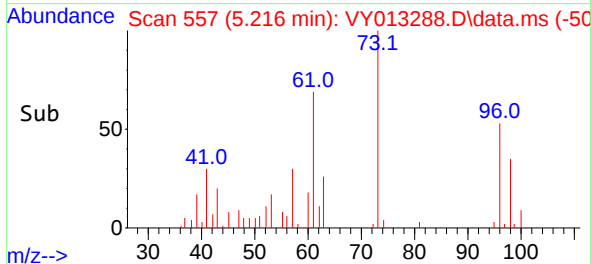
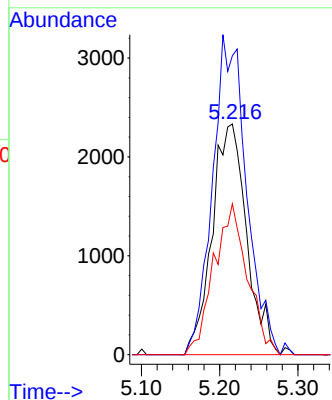
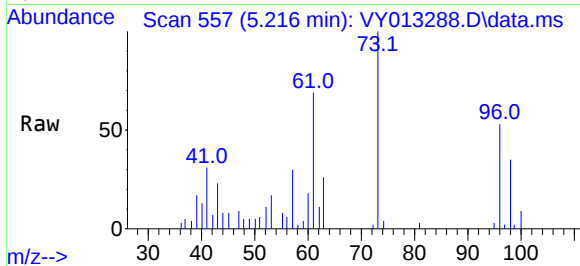




#21
trans-1,2-Dichloroethene
Concen: 2.893 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

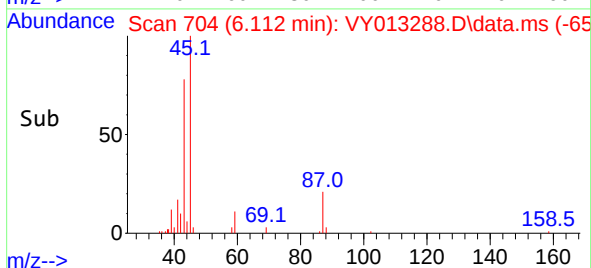
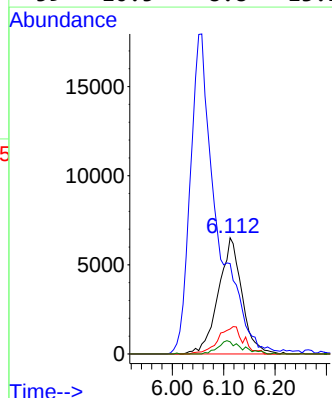
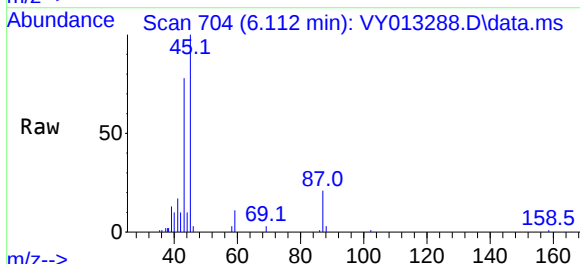
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

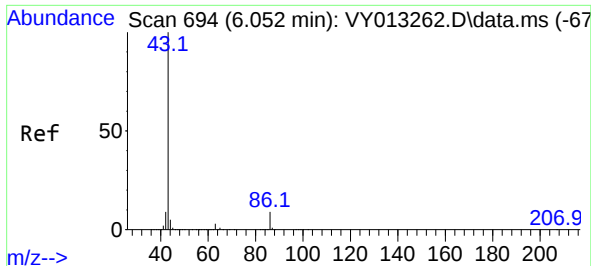
Tgt Ion: 96 Resp: 7145
Ion Ratio Lower Upper
96 100
61 129.6 111.4 167.0
98 65.4 50.8 76.2



#22
Diisopropyl ether
Concen: 2.535 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 45 Resp: 20648
Ion Ratio Lower Upper
45 100
43 75.5 45.0 67.6#
87 21.4 20.3 30.5
59 10.5 8.8 13.2

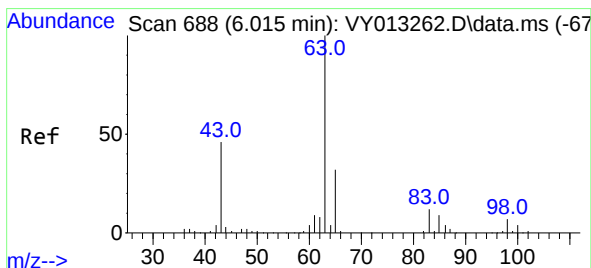
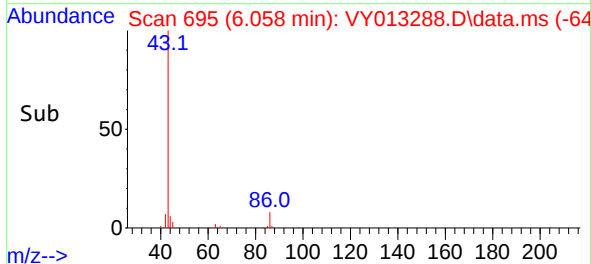
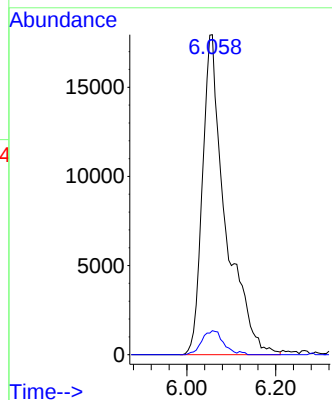
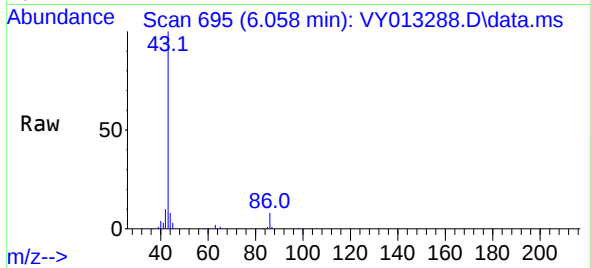




#23
 Vinyl Acetate
 Concen: 12.540 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY013288.D
 Acq: 13 Apr 2023 12:11

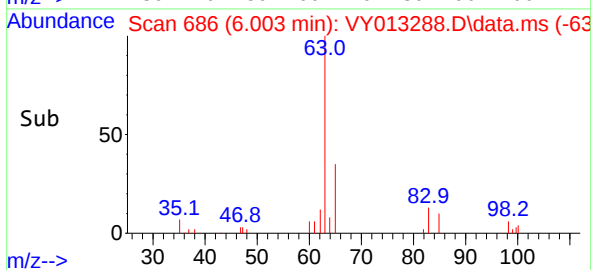
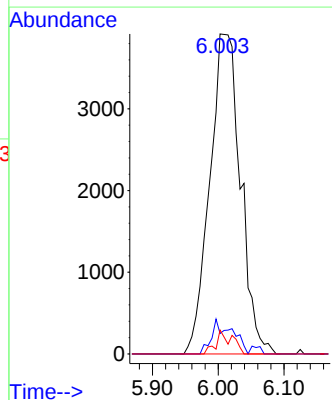
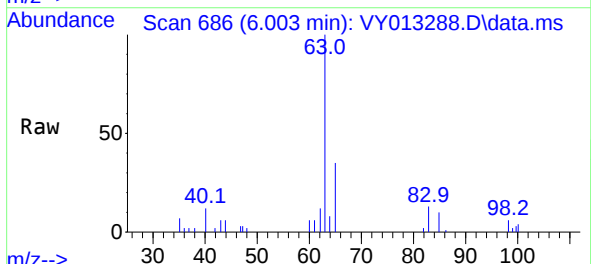
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

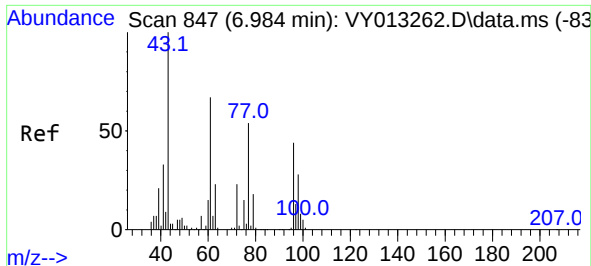
Tgt Ion: 43 Resp: 64557
 Ion Ratio Lower Upper
 43 100
 86 7.5 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 2.806 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY013288.D
 Acq: 13 Apr 2023 12:11

Tgt Ion: 63 Resp: 12766
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.7 11.1
 100 7.5 2.3 6.8#

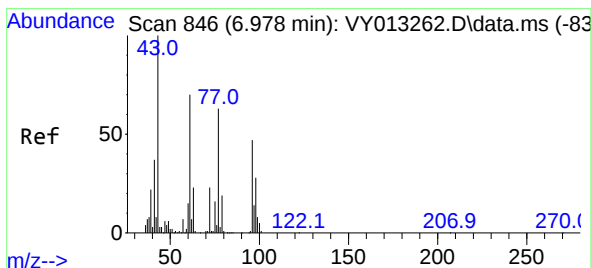
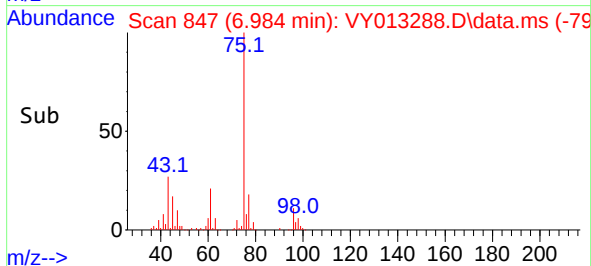
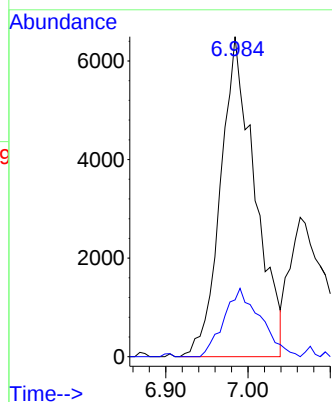
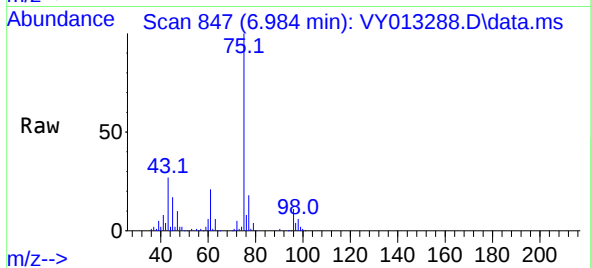




#25
2-Butanone
Concen: 15.518 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

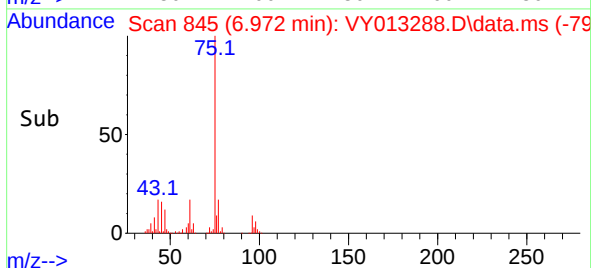
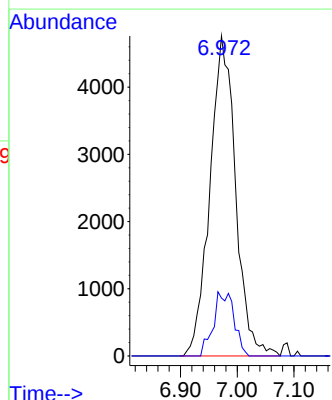
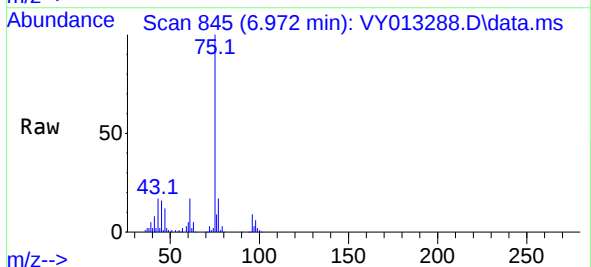
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

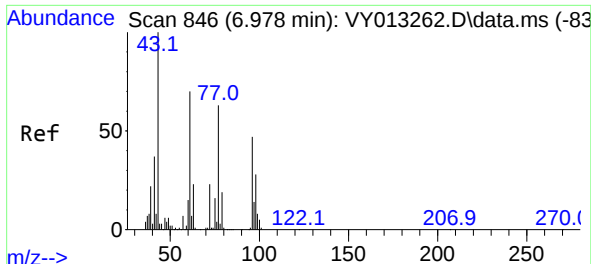
Tgt Ion: 43 Resp: 18874
Ion Ratio Lower Upper
43 100
72 17.7 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 3.675 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 77 Resp: 14997
Ion Ratio Lower Upper
77 100
97 16.1 11.7 35.0

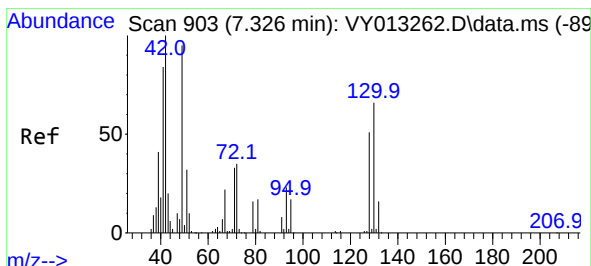
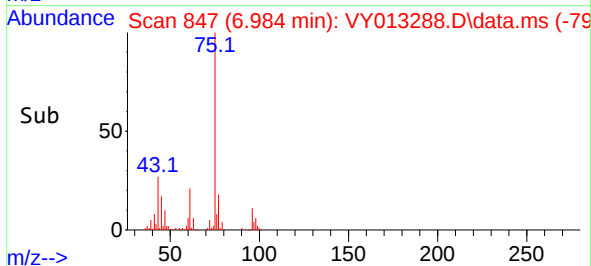
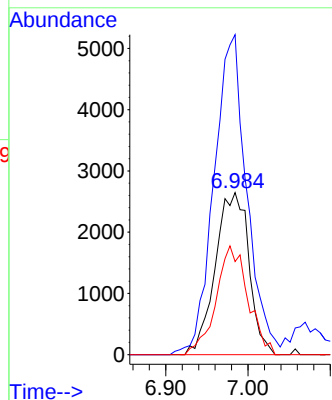
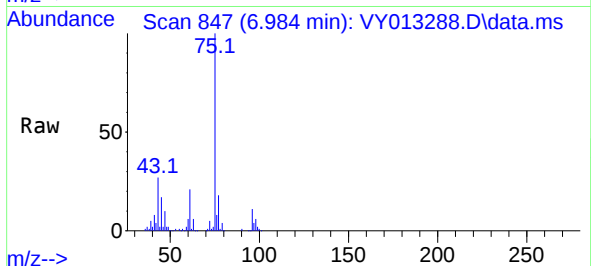




#27
cis-1,2-Dichloroethene
Concen: 2.795 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

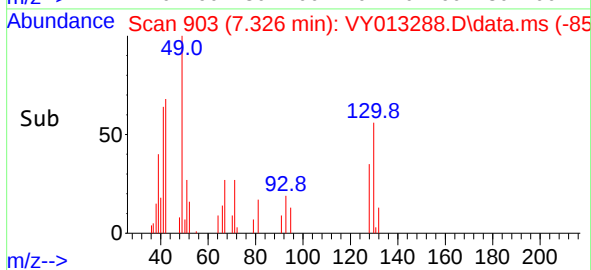
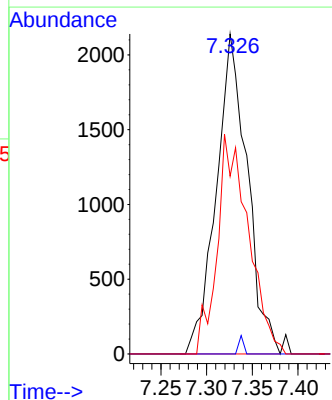
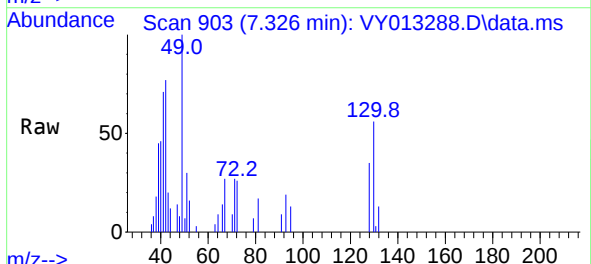
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

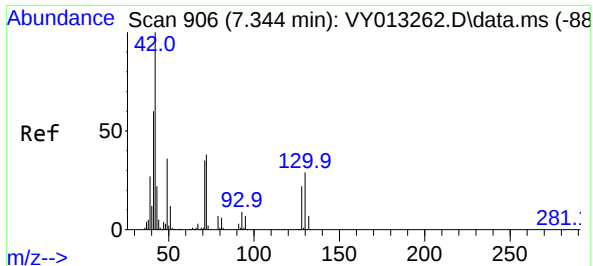
Tgt Ion:	96	Resp:	7504
Ion	Ratio	Lower	Upper
96	100		
61	192.9	0.0	295.8
98	63.8	0.0	130.2



#28
Bromochloromethane
Concen: 2.781 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	49	Resp:	5041
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	69.1	60.5	90.7

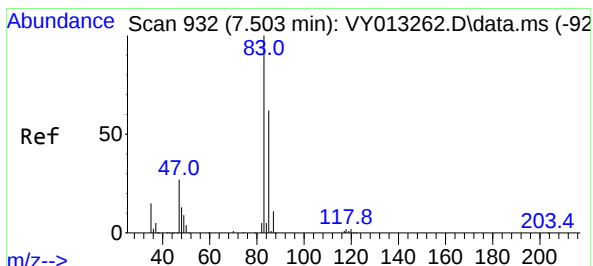
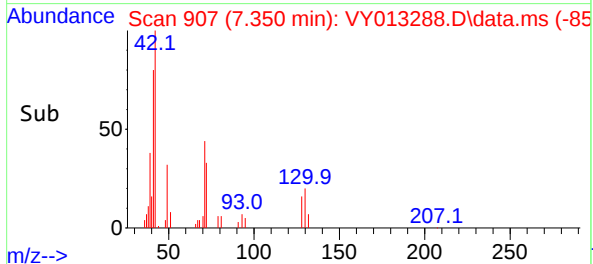
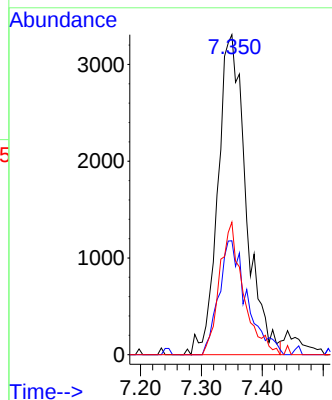
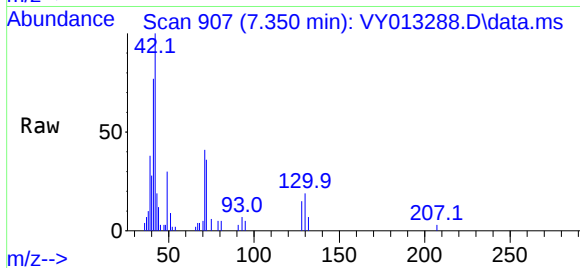




#29
Tetrahydrofuran
Concen: 14.373 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

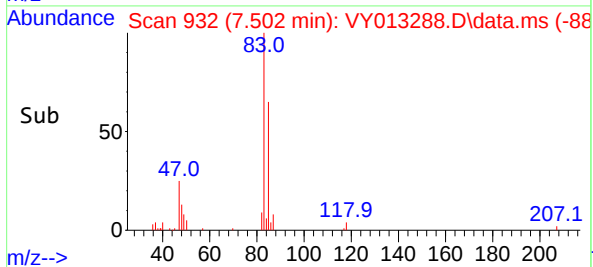
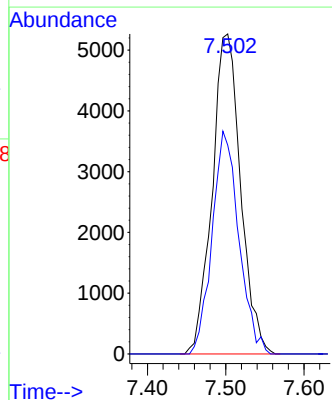
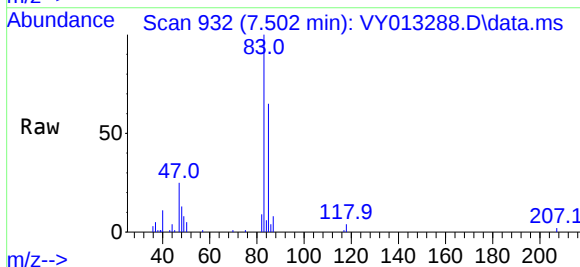
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

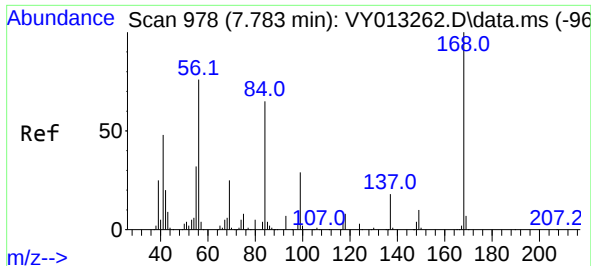
Tgt Ion:	42	Resp:	10617
Ion	Ratio	Lower	Upper
42	100		
72	35.8	32.3	48.5
71	35.0	30.3	45.5



#30
Chloroform
Concen: 2.889 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

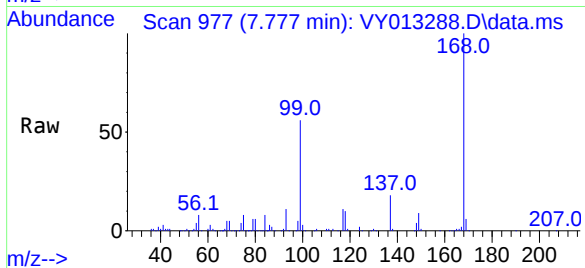
Tgt Ion:	83	Resp:	13299
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.0



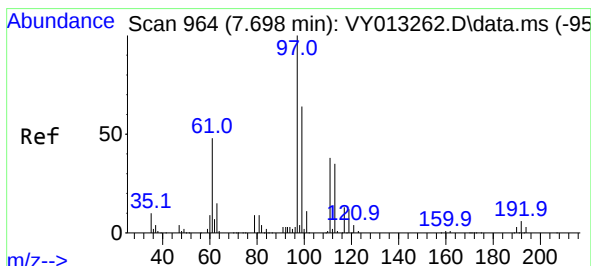
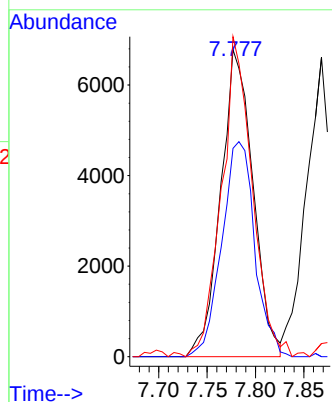
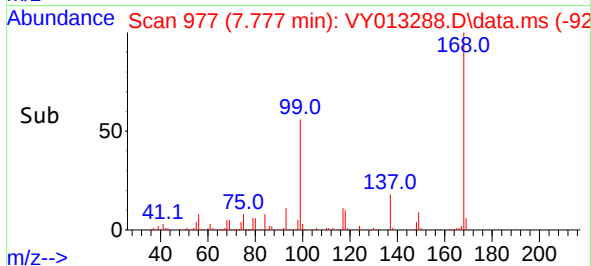


#31
Cyclohexane
Concen: 3.768 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

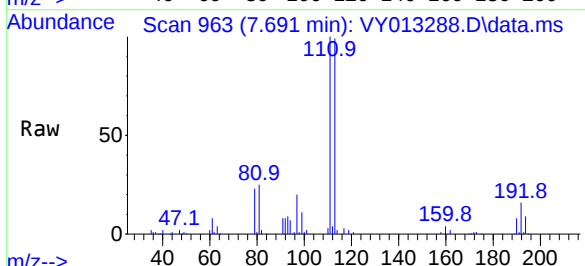
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



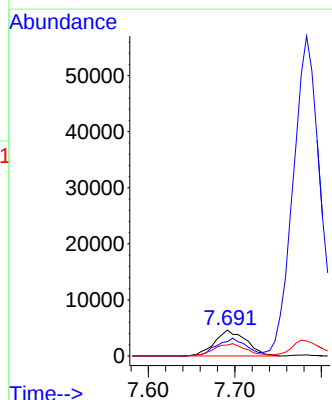
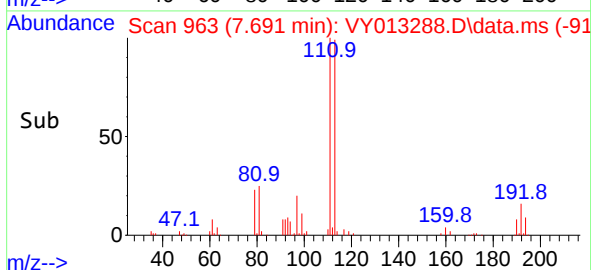
Tgt Ion: 56 Resp: 15741
Ion Ratio Lower Upper
56 100
69 67.8 25.7 38.5#
84 103.3 64.3 96.5#

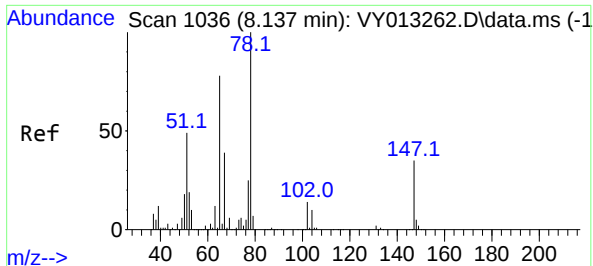


#32
1,1,1-Trichloroethane
Concen: 2.802 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11



Tgt Ion: 97 Resp: 11671
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 48.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.733 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

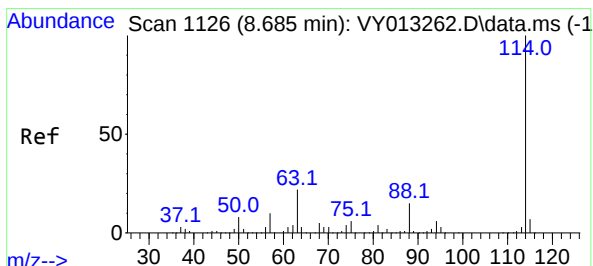
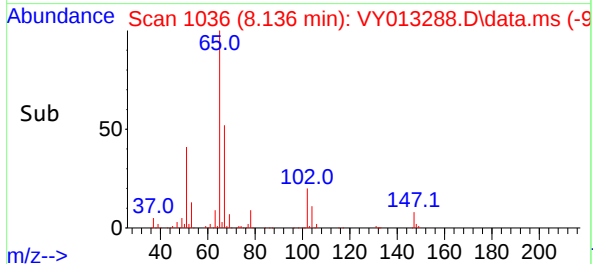
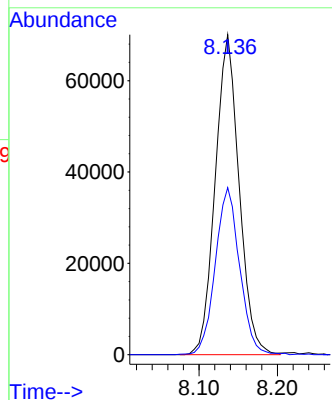
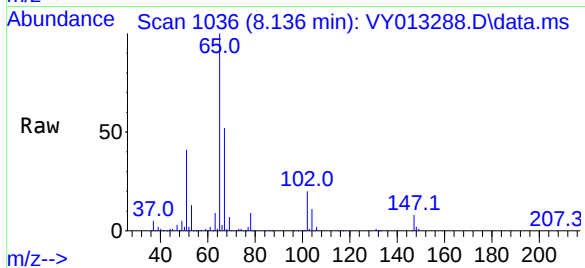
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 65 Resp: 148446

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

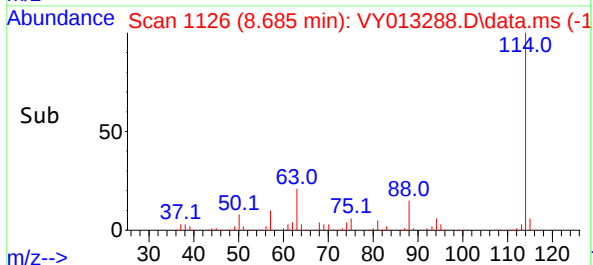
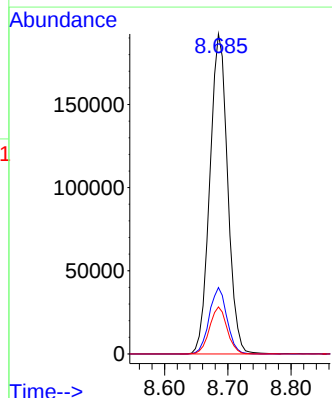
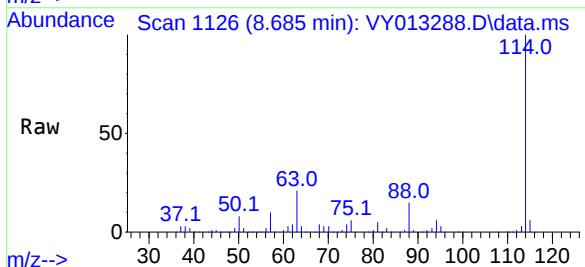
Tgt Ion: 114 Resp: 376440

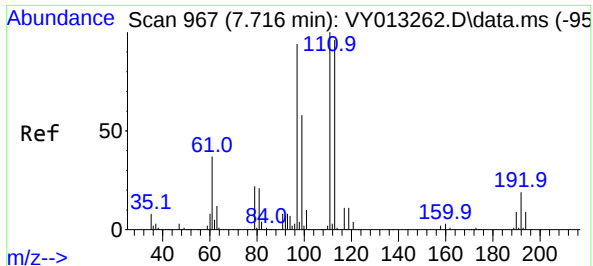
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

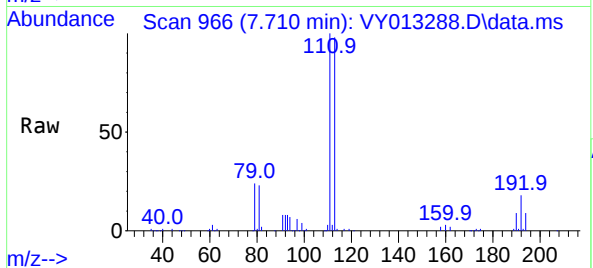
88 14.7 0.0 28.6



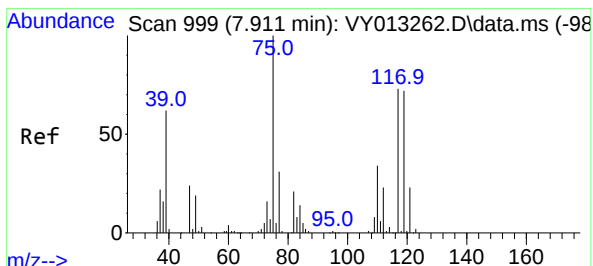
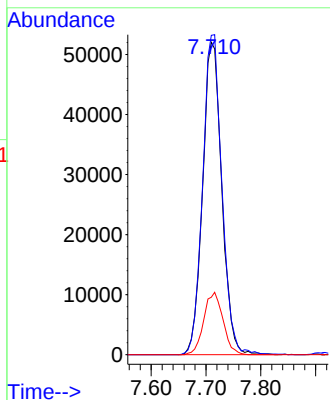
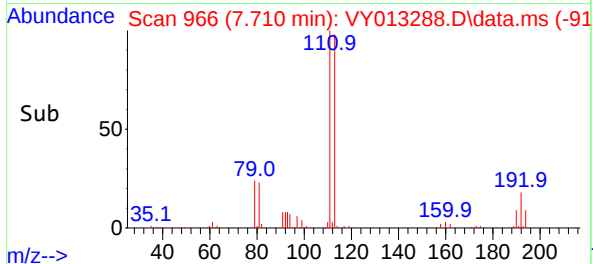


#35
Dibromofluoromethane
Concen: 51.728 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

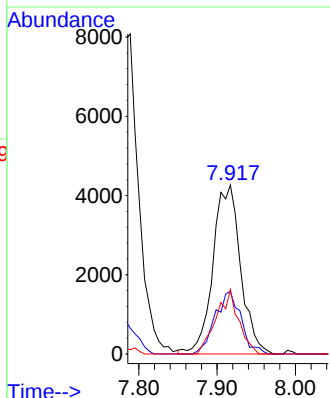
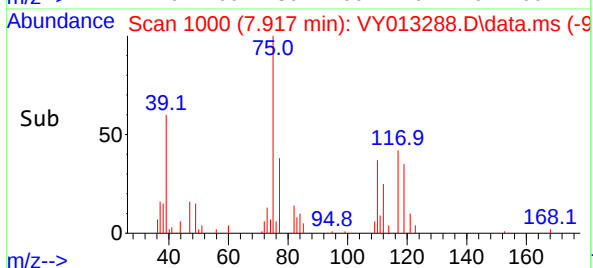
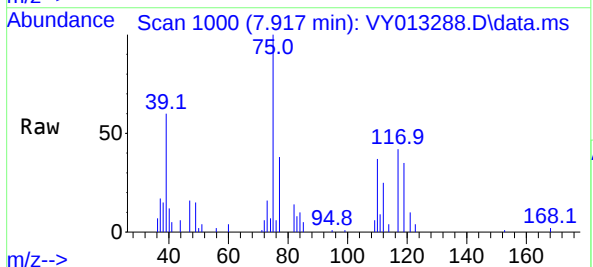


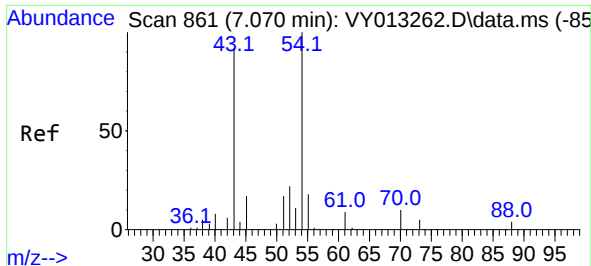
Tgt Ion:113 Resp: 126063
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.838 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 75 Resp: 10476
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 2.236 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY013288.D

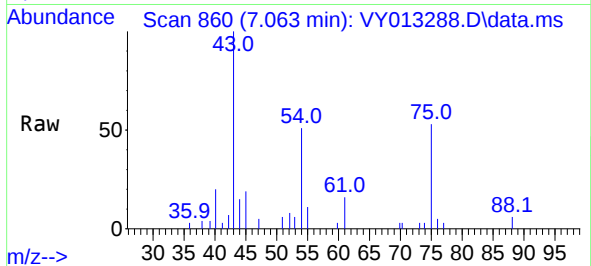
Acq: 13 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



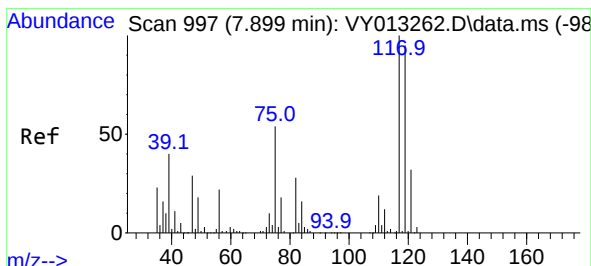
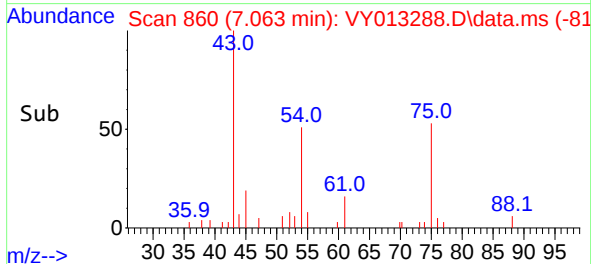
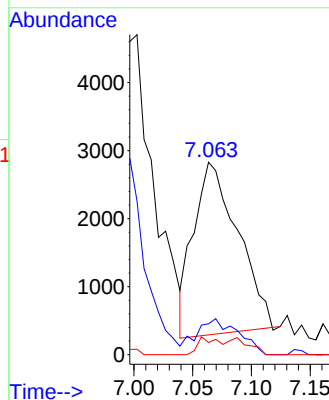
Tgt Ion: 43 Resp: 6654

Ion Ratio Lower Upper

43 100

61 19.7 10.7 16.1#

70 4.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.741 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

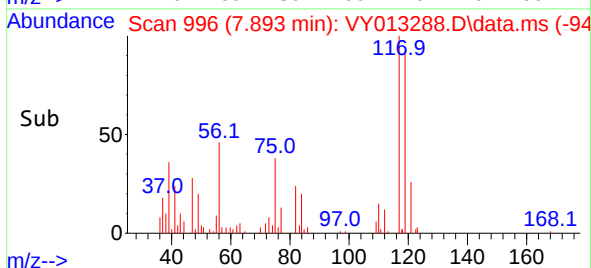
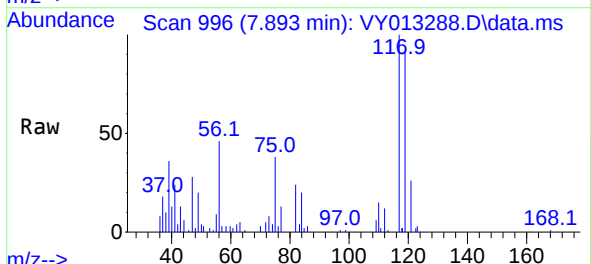
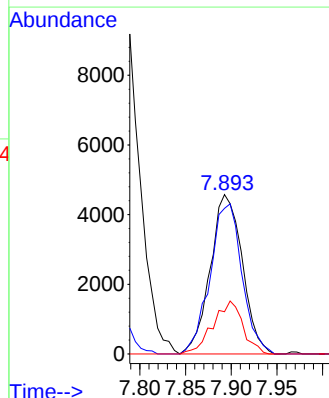
Tgt Ion: 117 Resp: 11190

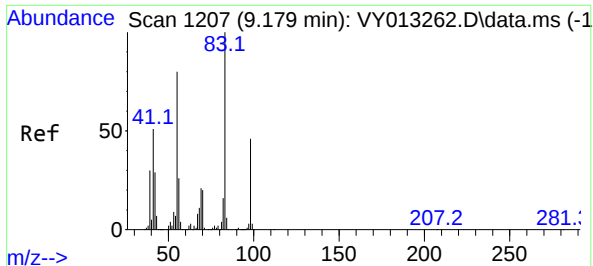
Ion Ratio Lower Upper

117 100

119 91.3 77.2 115.8

121 26.5 24.7 37.1





#39

Methylcyclohexane

Concen: 2.618 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

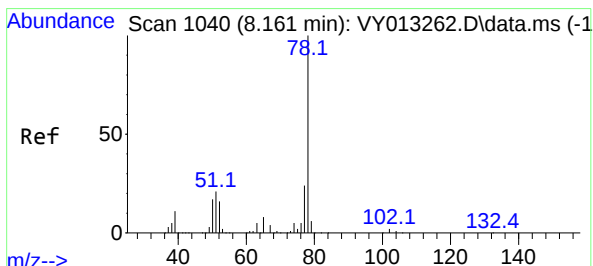
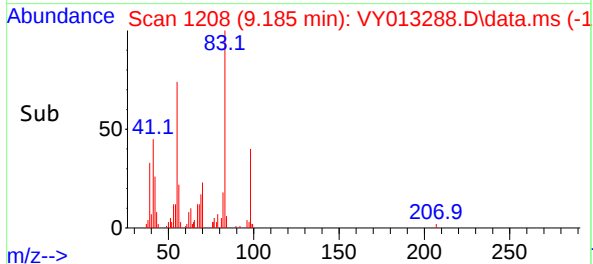
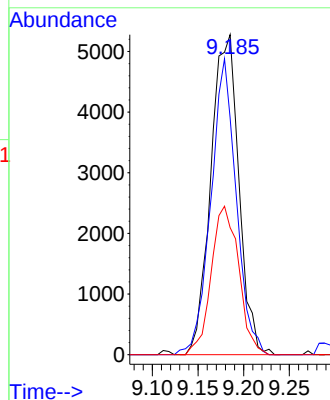
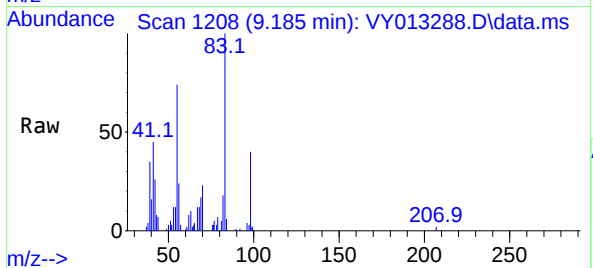
Tgt Ion: 83 Resp: 11235

Ion Ratio Lower Upper

83 100

55 74.0 60.0 90.0

98 39.7 38.3 57.5



#40

Benzene

Concen: 2.655 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013288.D

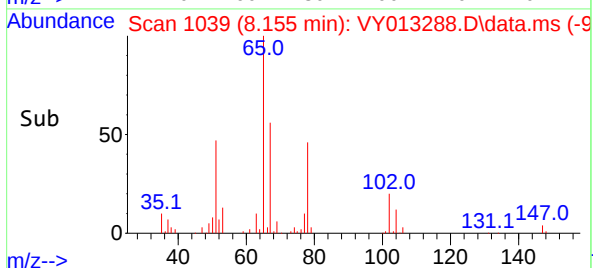
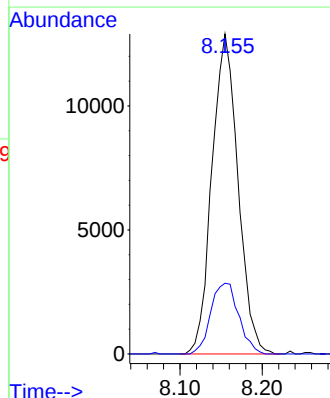
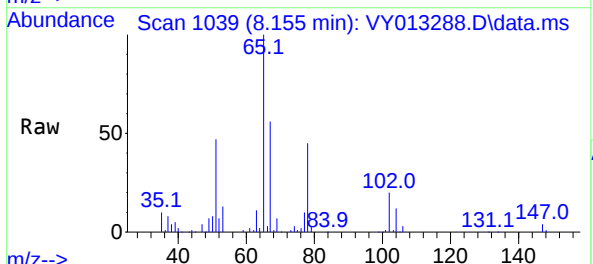
Acq: 13 Apr 2023 12:11

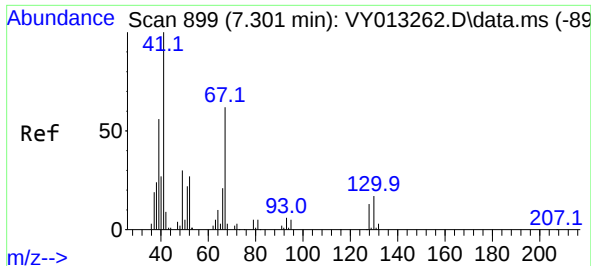
Tgt Ion: 78 Resp: 28373

Ion Ratio Lower Upper

78 100

77 22.1 19.4 29.0

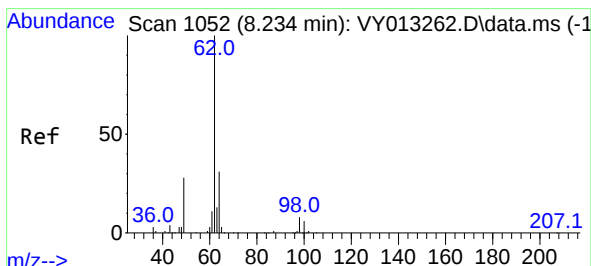
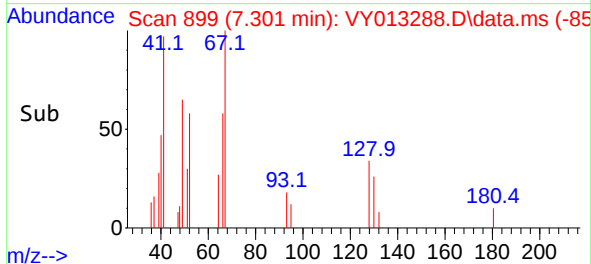
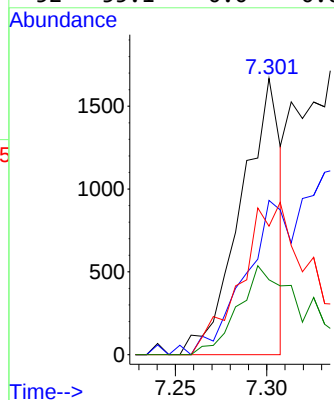
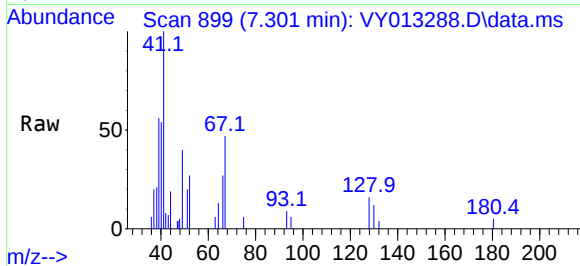




#41
Methacrylonitrile
Concen: 2.054 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

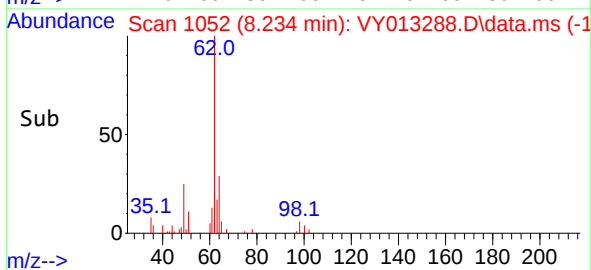
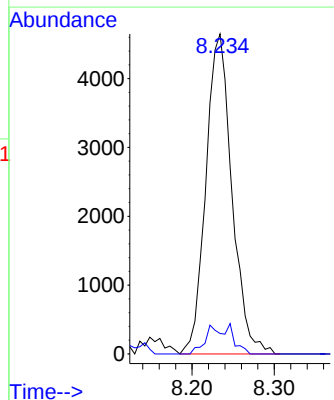
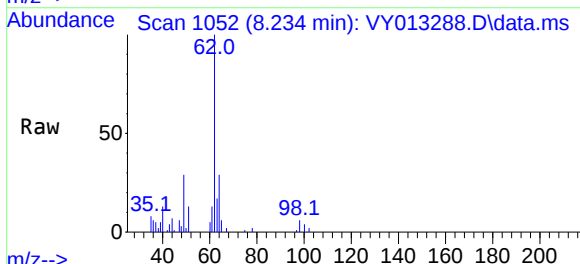
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

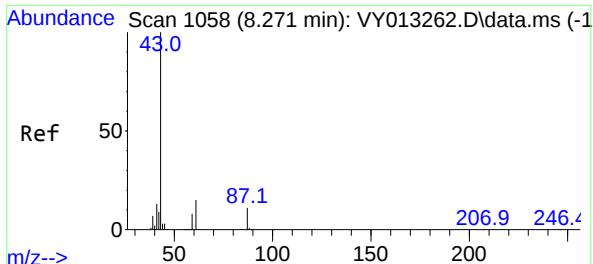
Tgt Ion:	41	Resp:	2536
Ion	Ratio	Lower	Upper
41	100		
39	64.0	0.0	0.0#
67	98.5	0.0	0.0#
52	55.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 2.825 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	62	Resp:	10235
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.8

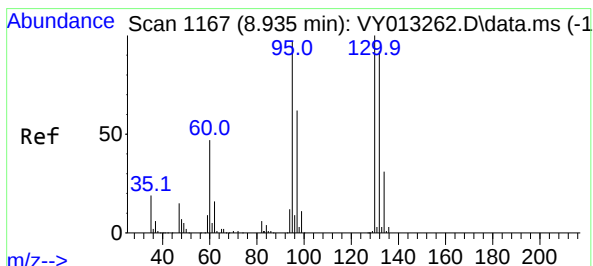
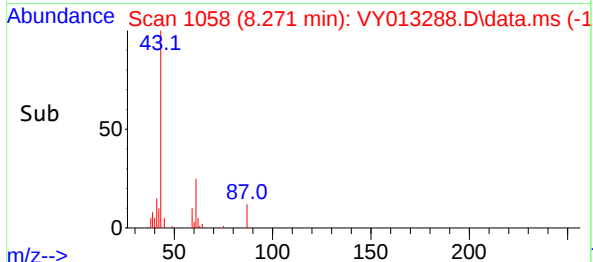
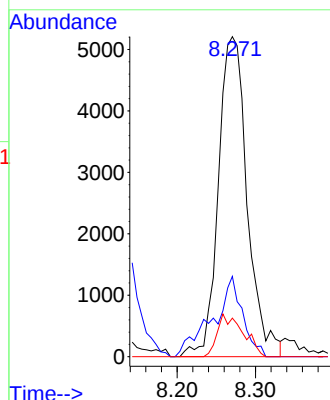
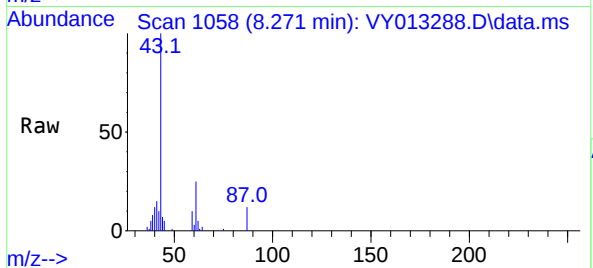




#43
Isopropyl Acetate
Concen: 2.700 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

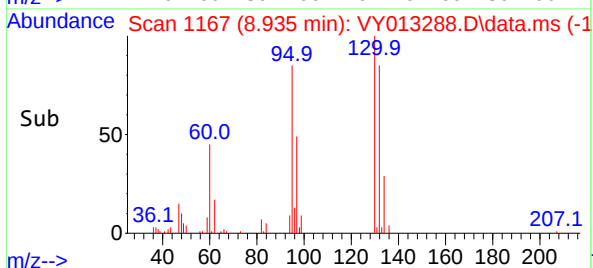
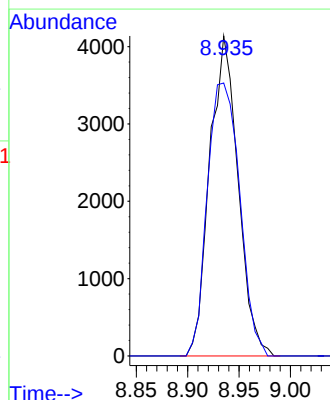
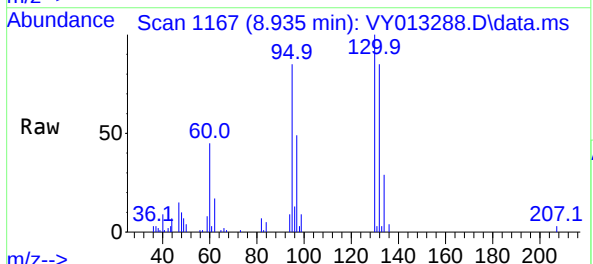
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

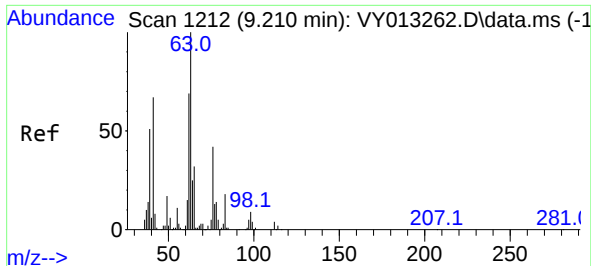
Tgt Ion:	43	Resp:	13345
Ion	Ratio	Lower	Upper
43	100		
61	26.2	21.6	32.4
87	11.8	9.9	14.9



#44
Trichloroethene
Concen: 2.880 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	130	Resp:	7928
Ion	Ratio	Lower	Upper
130	100		
95	85.3	0.0	185.0





#45

1,2-Dichloropropane

Concen: 2.712 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

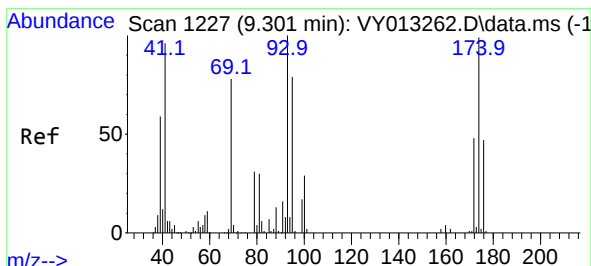
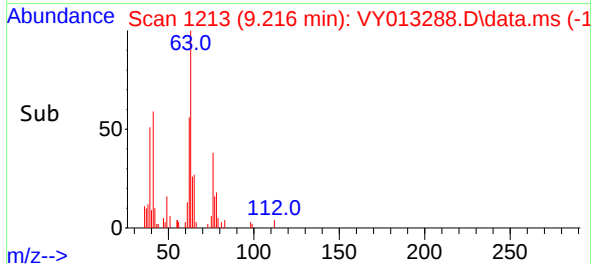
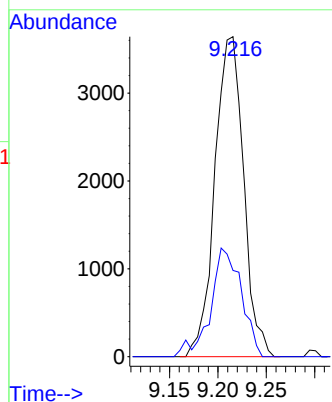
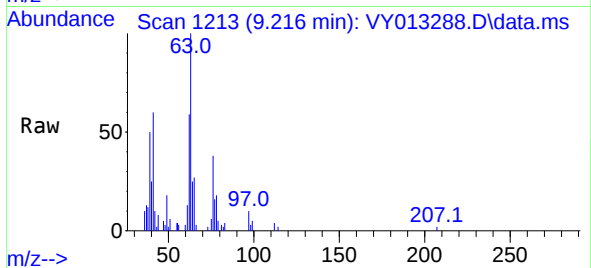
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 63 Resp: 7521

Ion Ratio Lower Upper

63 100

65 26.9 25.7 38.5



#46

Dibromomethane

Concen: 2.766 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

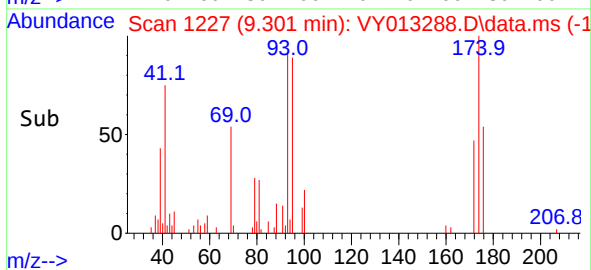
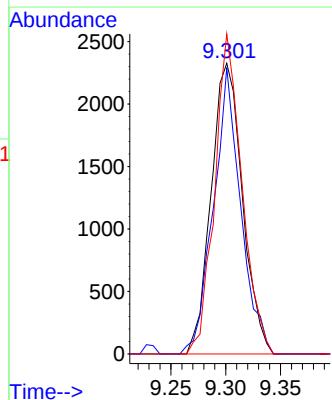
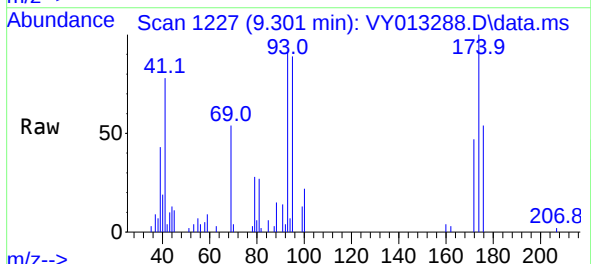
Tgt Ion: 93 Resp: 4617

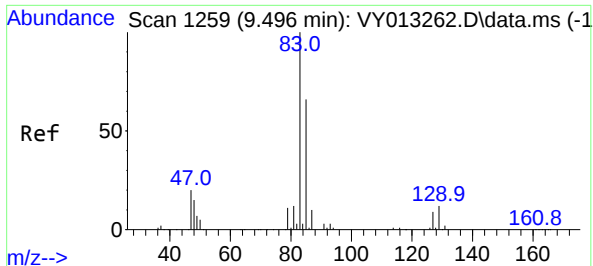
Ion Ratio Lower Upper

93 100

95 85.9 65.6 98.4

174 96.1 81.3 121.9

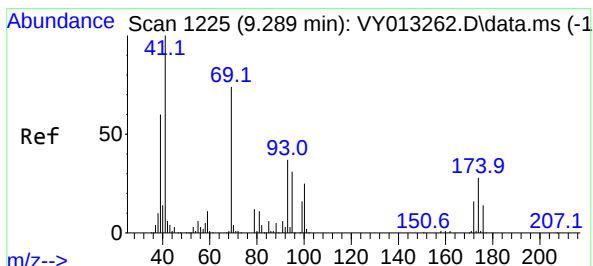
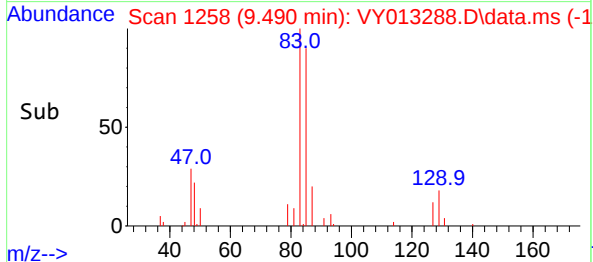
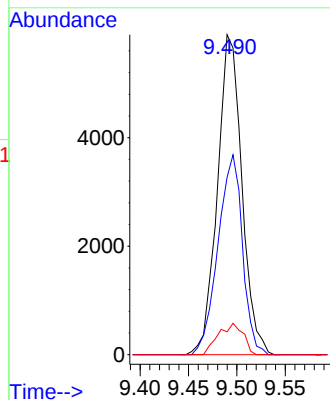
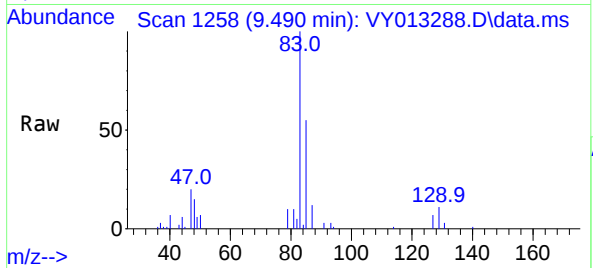




#47
Bromodichloromethane
Concen: 2.719 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

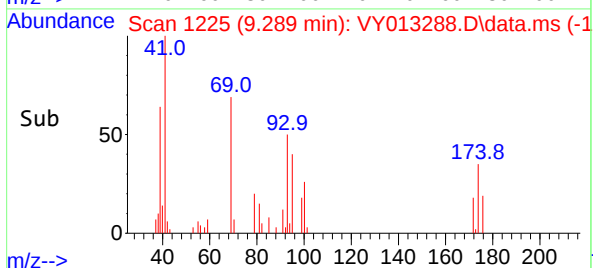
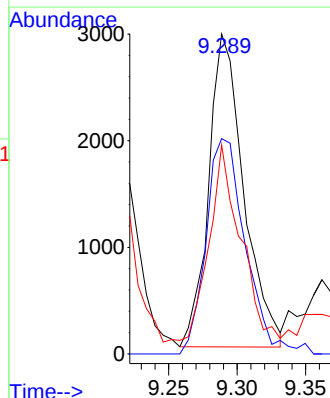
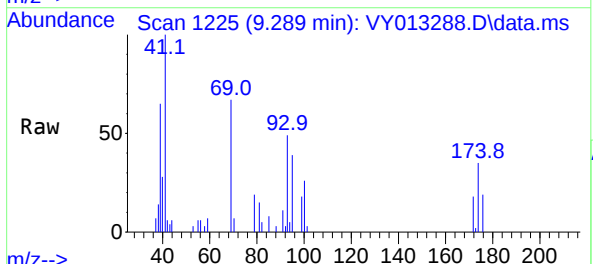
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

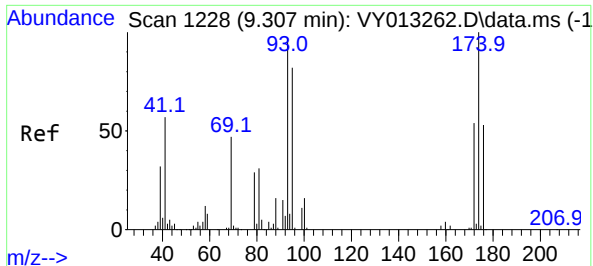
Tgt Ion:	83	Resp:	10374
Ion	Ratio	Lower	Upper
83	100		
85	55.4	50.2	75.4
127	7.1	6.3	9.5



#48
Methyl methacrylate
Concen: 2.301 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	41	Resp:	5224
Ion	Ratio	Lower	Upper
41	100		
69	77.5	64.1	96.1
39	65.4	44.0	66.0





#49

1,4-Dioxane

Concen: 30.510 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013288.D

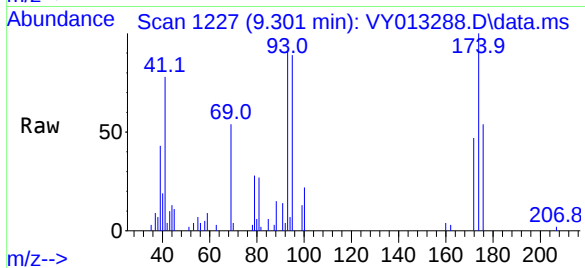
Acq: 13 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



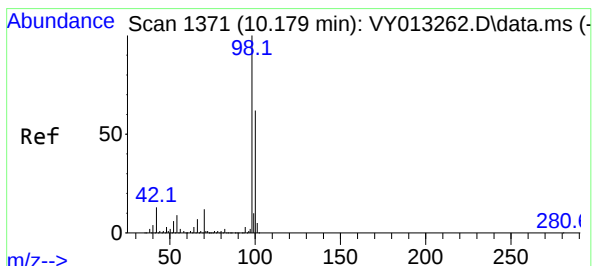
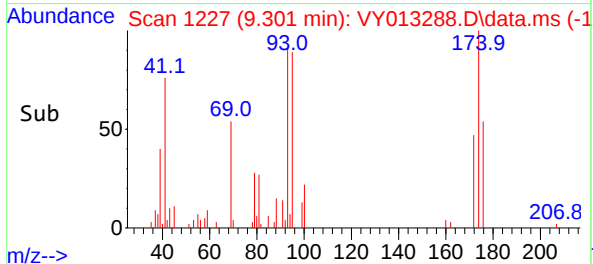
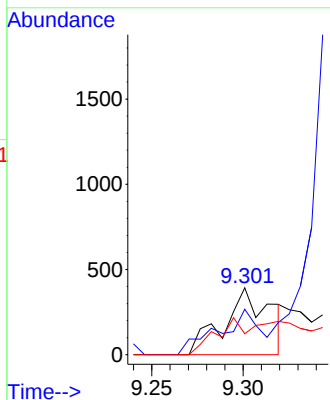
Tgt Ion: 88 Resp: 690

Ion Ratio Lower Upper

88 100

43 60.4 28.6 42.8#

58 33.9 55.2 82.8#



#50

Toluene-d8

Concen: 51.219 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013288.D

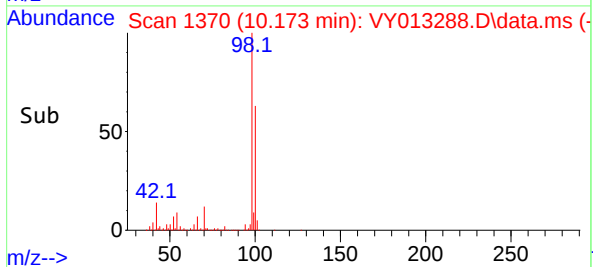
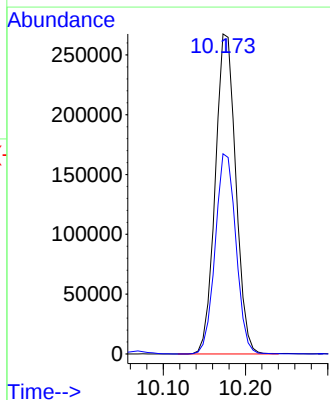
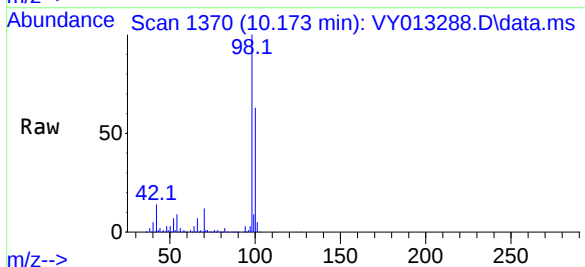
Acq: 13 Apr 2023 12:11

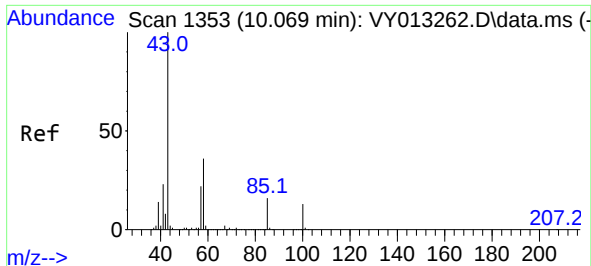
Tgt Ion: 98 Resp: 464617

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3

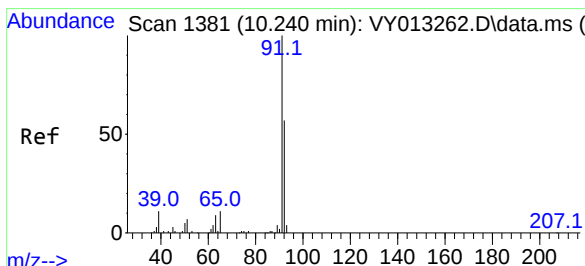
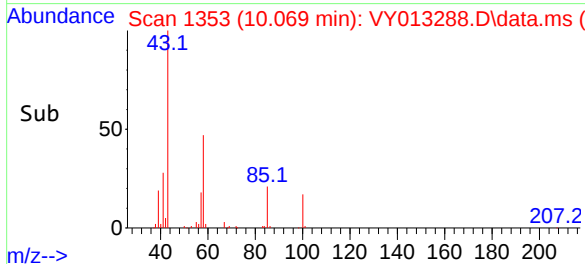
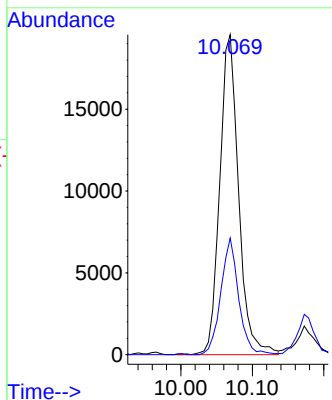
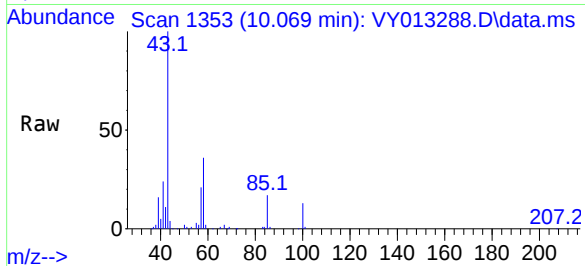




#51
4-Methyl-2-Pentanone
Concen: 13.306 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

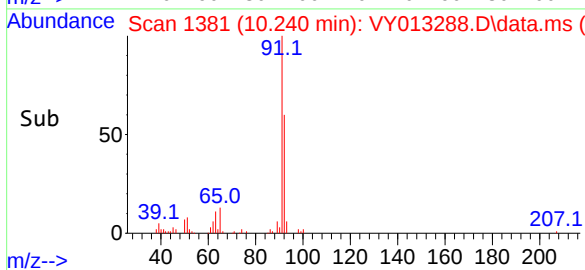
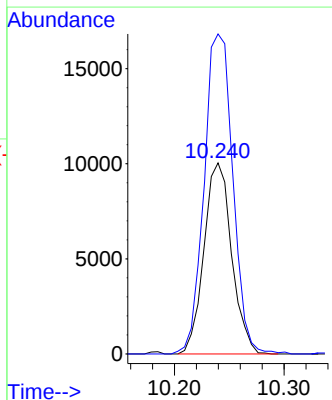
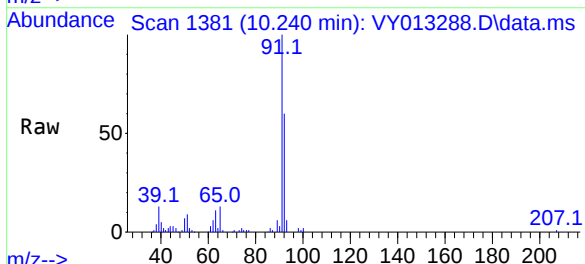
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

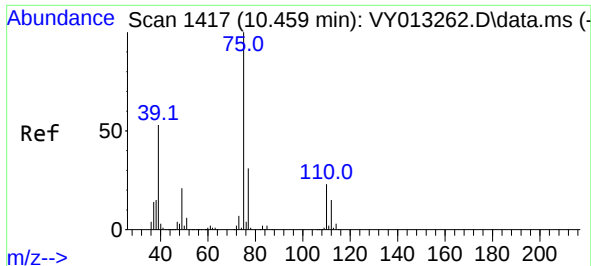
Tgt Ion: 43 Resp: 35796
Ion Ratio Lower Upper
43 100
58 34.5 29.8 44.6



#52
Toluene
Concen: 2.731 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 92 Resp: 17621
Ion Ratio Lower Upper
92 100
91 174.0 141.3 211.9

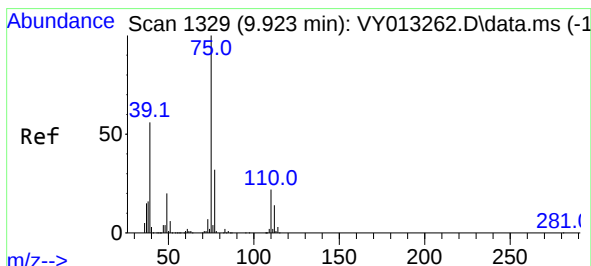
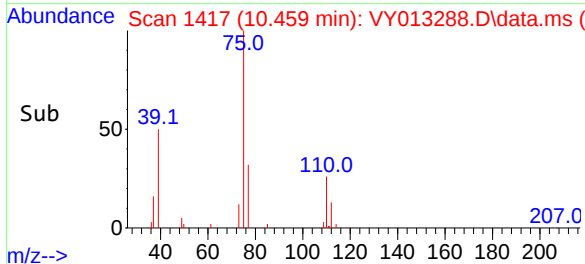
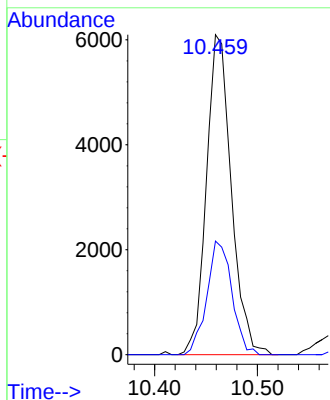
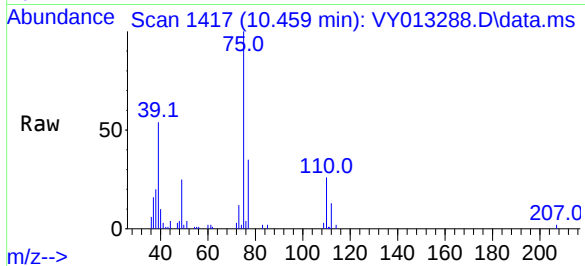




#53
t-1,3-Dichloropropene
Concen: 2.561 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

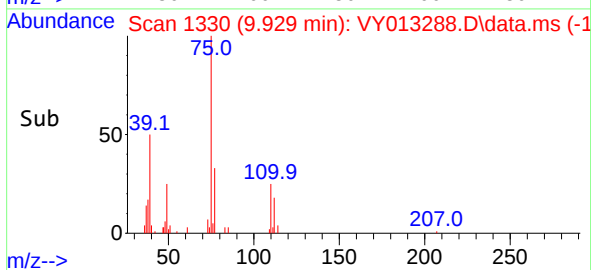
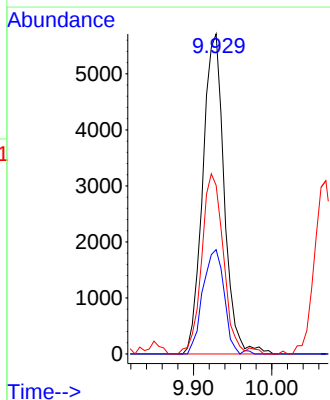
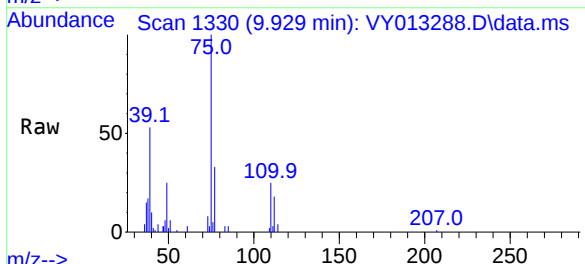
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

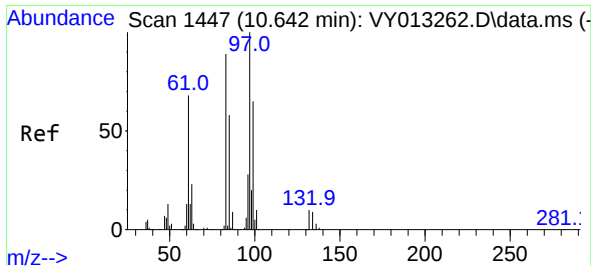
Tgt Ion: 75 Resp: 10235
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 2.477 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 75 Resp: 10852
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 52.7 39.0 58.4



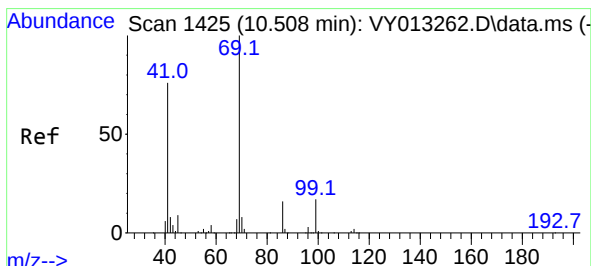
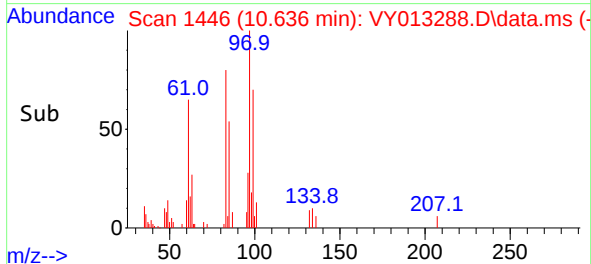
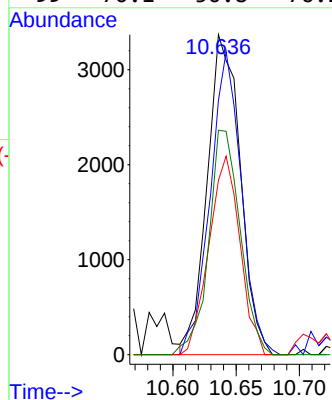
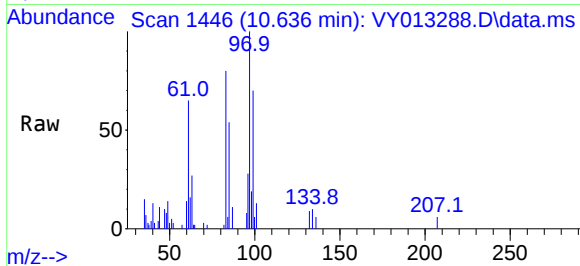


#55
1,1,2-Trichloroethane
Concen: 2.778 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 97 Resp: 6114

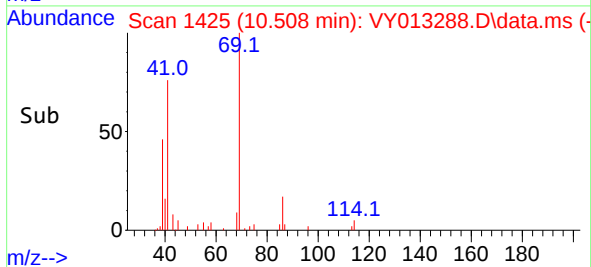
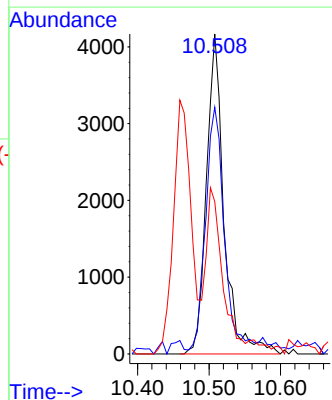
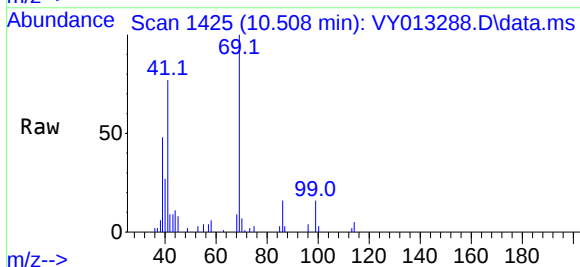
Ion	Ratio	Lower	Upper
97	100		
83	79.5	69.0	103.6
85	54.4	44.9	67.3
99	70.1	50.8	76.2

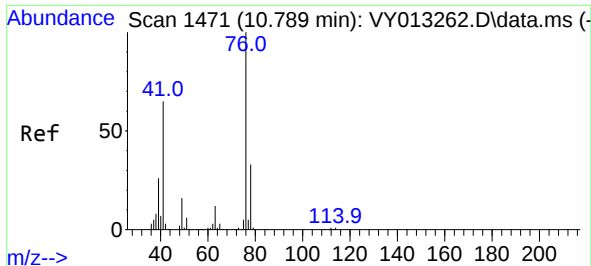


#56
Ethyl methacrylate
Concen: 2.364 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 69 Resp: 7123

Ion	Ratio	Lower	Upper
69	100		
41	80.4	56.4	84.6
39	41.9	30.8	46.2





#57

1,3-Dichloropropane

Concen: 2.681 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

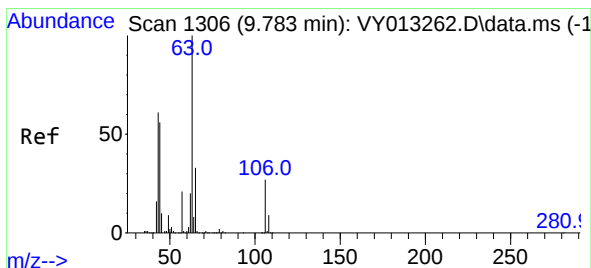
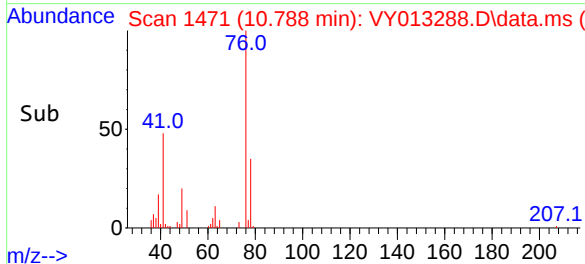
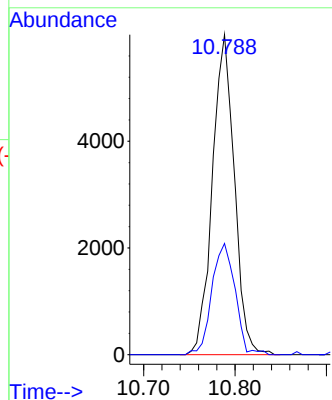
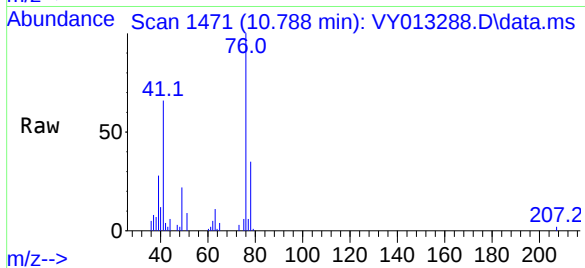
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 76 Resp: 10036

Ion Ratio Lower Upper

76 100

78 36.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 13.006 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013288.D

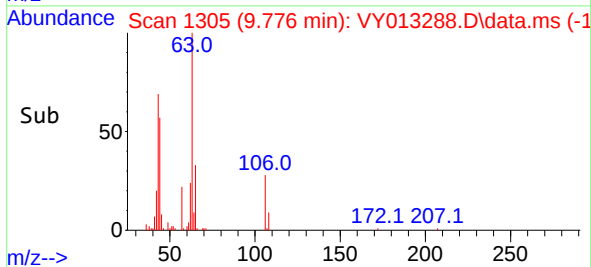
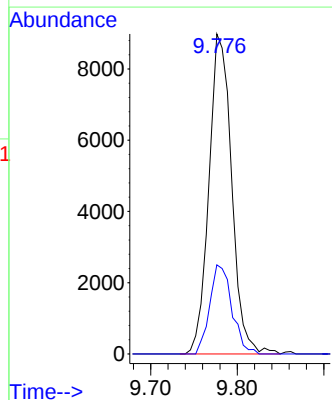
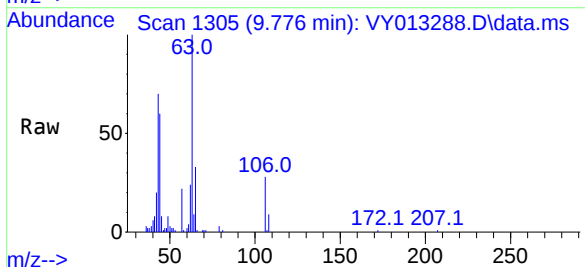
Acq: 13 Apr 2023 12:11

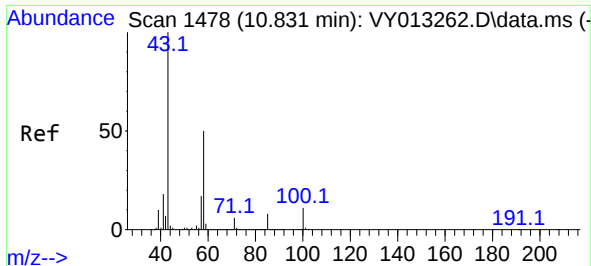
Tgt Ion: 63 Resp: 16365

Ion Ratio Lower Upper

63 100

106 27.2 22.1 33.1

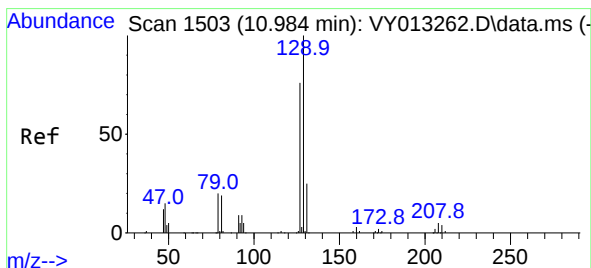
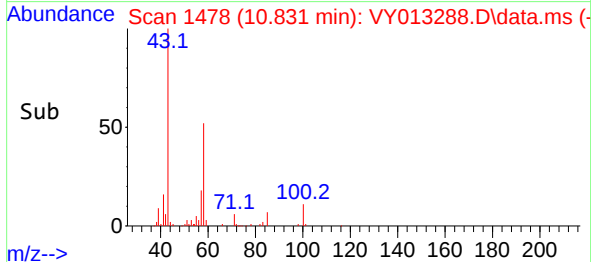
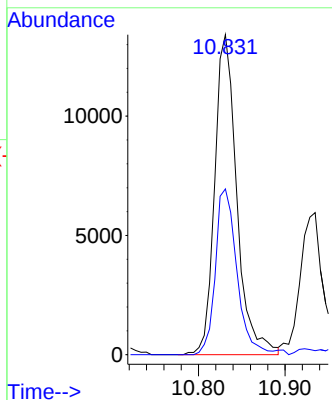
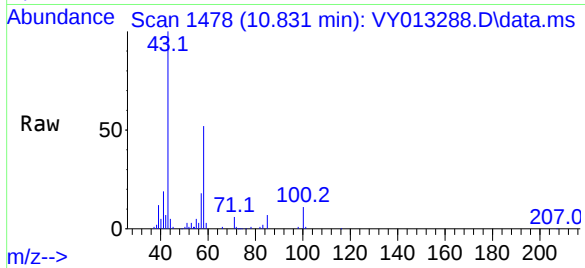




#59
2-Hexanone
Concen: 12.178 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

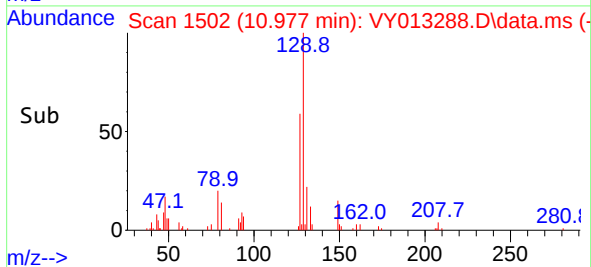
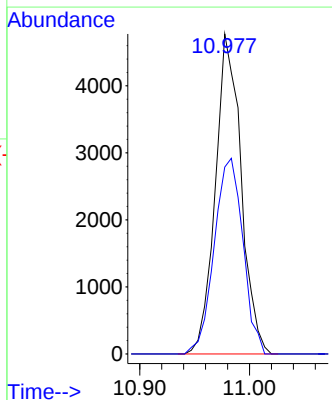
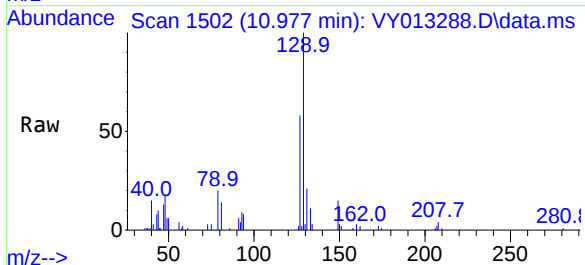
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

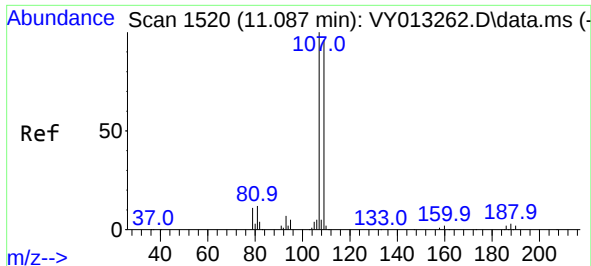
Tgt Ion: 43 Resp: 23822
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8



#60
Dibromochloromethane
Concen: 2.822 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 129 Resp: 7789
Ion Ratio Lower Upper
129 100
127 68.1 38.7 116.1

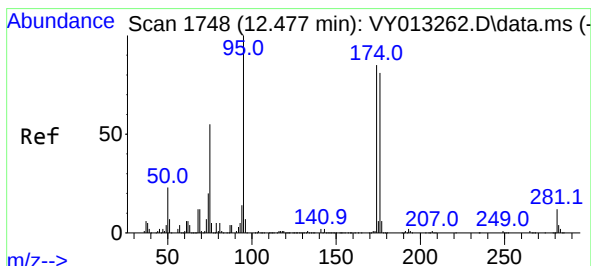
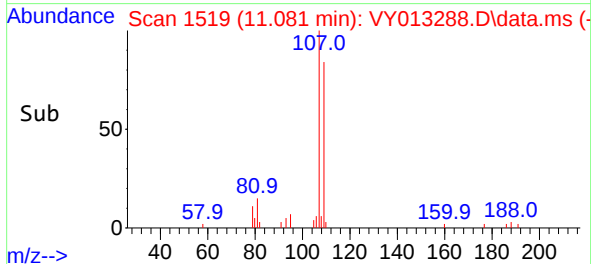
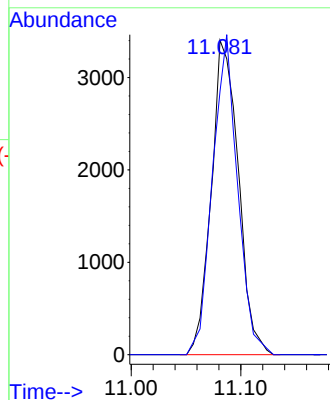
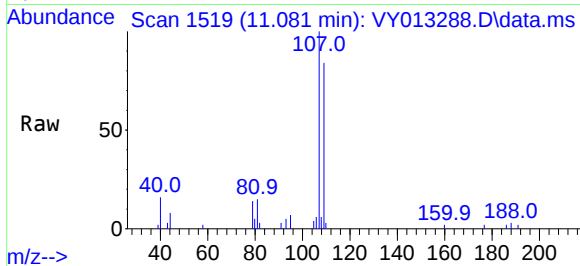




#61
1,2-Dibromoethane
Concen: 2.724 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

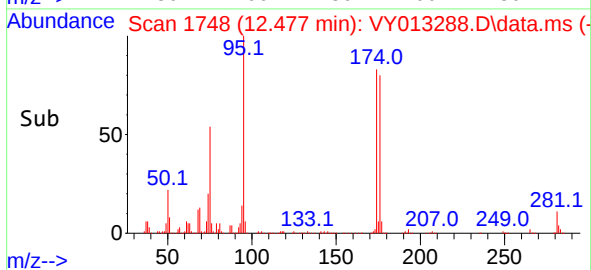
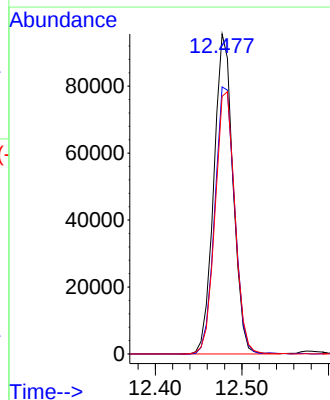
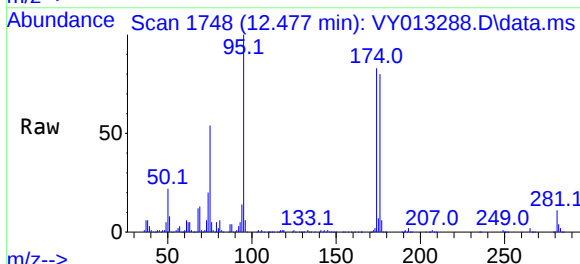
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

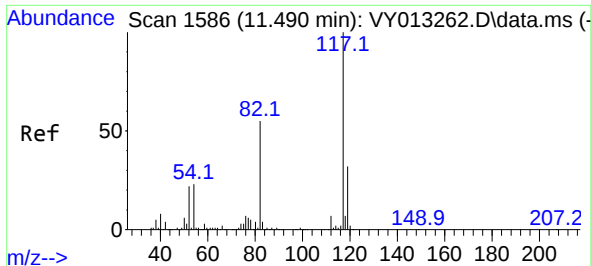
Tgt Ion:107 Resp: 5837
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.935 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 95 Resp: 147175
Ion Ratio Lower Upper
95 100
174 85.8 0.0 176.6
176 84.4 0.0 170.2

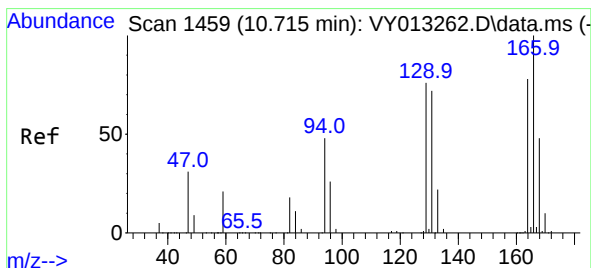
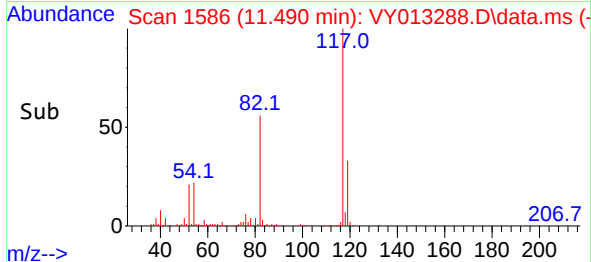
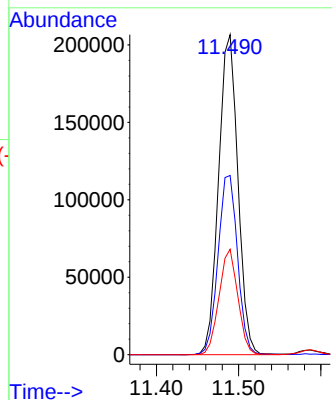
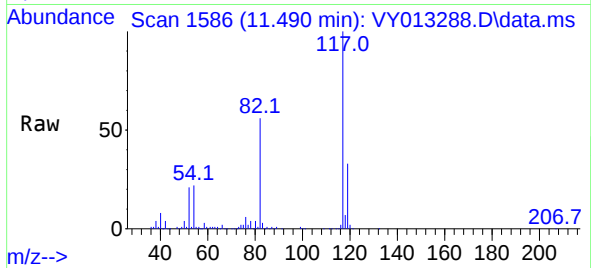




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

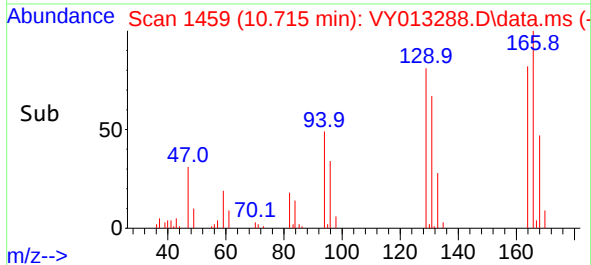
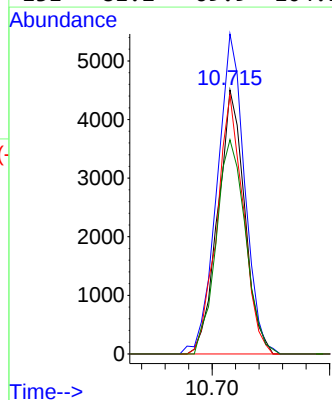
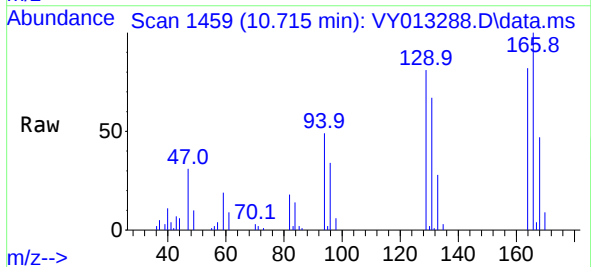
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

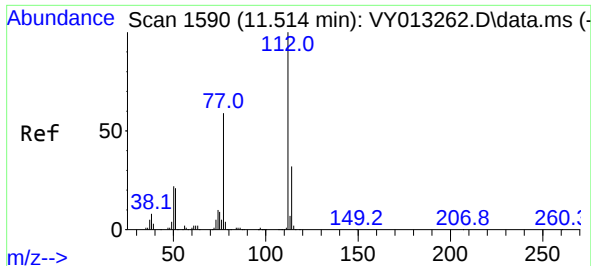
Tgt Ion:117 Resp: 337198
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 2.992 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:164 Resp: 7118
Ion Ratio Lower Upper
164 100
166 121.2 103.4 155.2
129 98.1 71.4 107.2
131 81.2 69.9 104.9

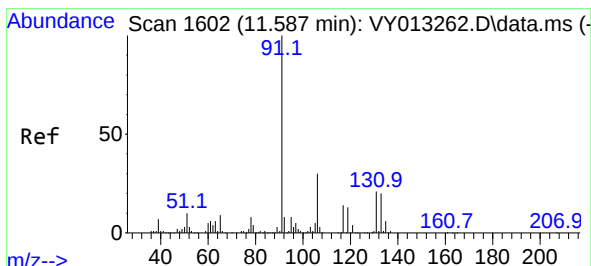
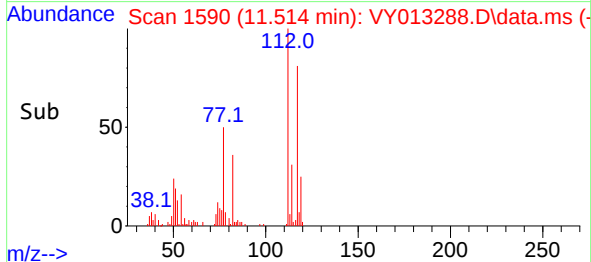
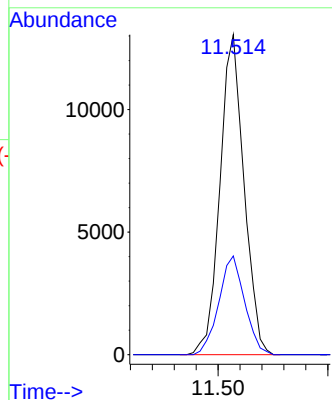
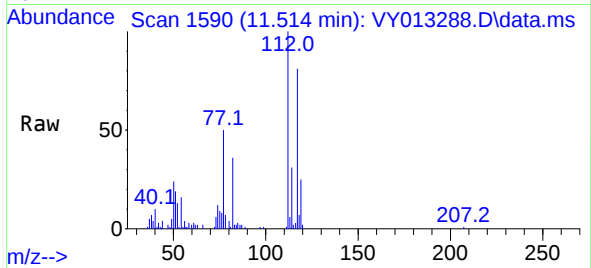




#65
Chlorobenzene
Concen: 2.819 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

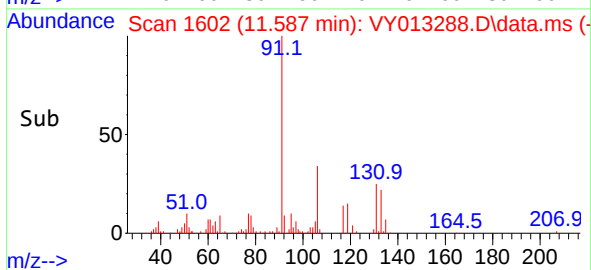
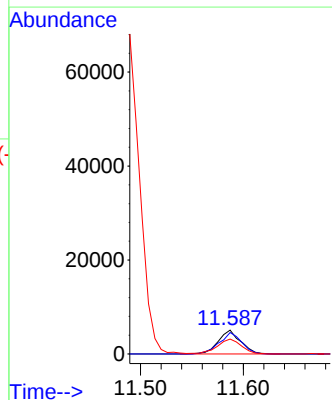
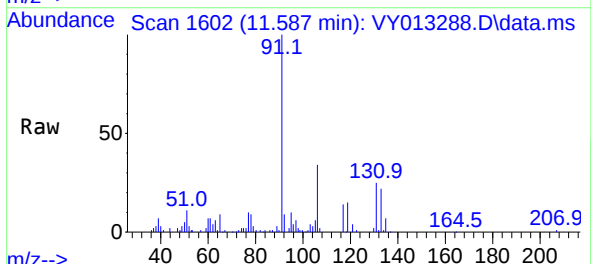
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

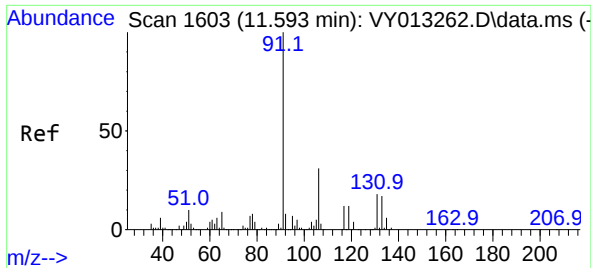
Tgt Ion:112 Resp: 19885
Ion Ratio Lower Upper
112 100
114 30.9 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.876 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:131 Resp: 7613
Ion Ratio Lower Upper
131 100
133 90.6 48.0 144.0
119 68.0 32.6 98.0

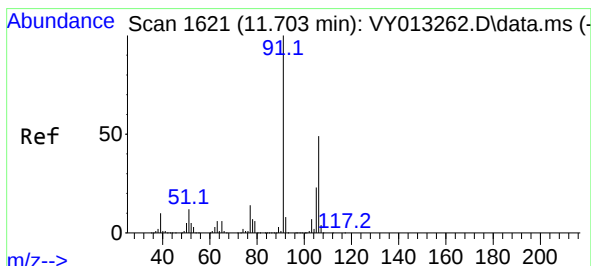
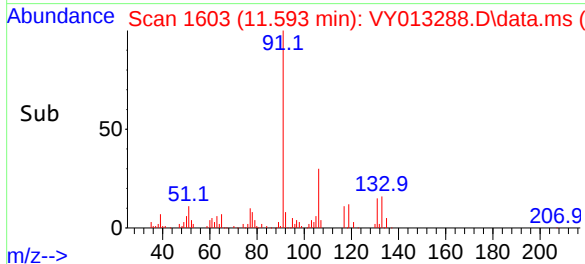
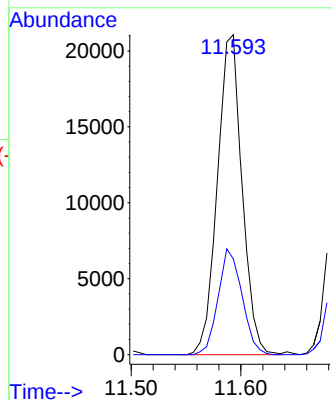
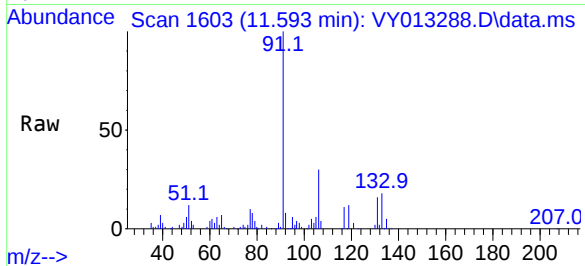




#67
Ethyl Benzene
Concen: 2.685 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

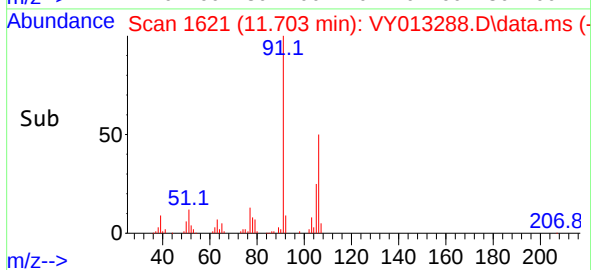
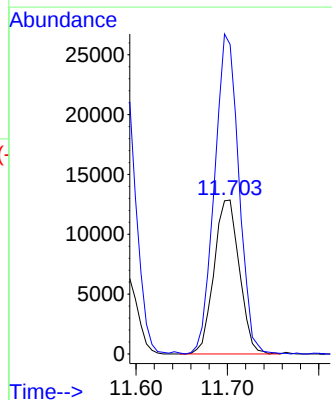
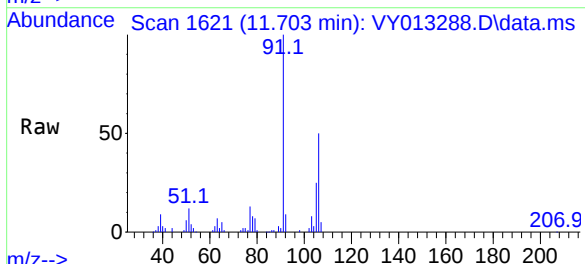
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

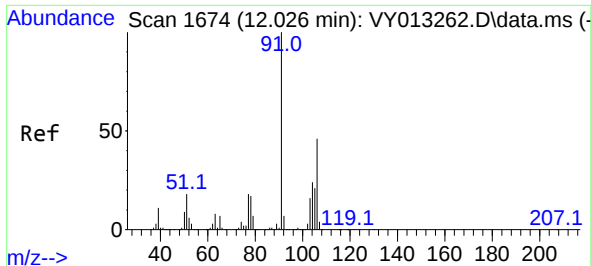
Tgt Ion: 91 Resp: 32981
Ion Ratio Lower Upper
91 100
106 29.9 25.1 37.7



#68
m/p-Xylenes
Concen: 5.274 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 106 Resp: 24792
Ion Ratio Lower Upper
106 100
91 199.9 159.8 239.8

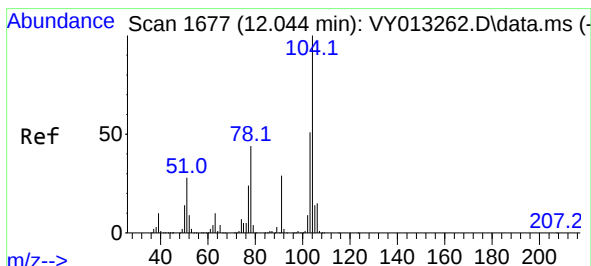
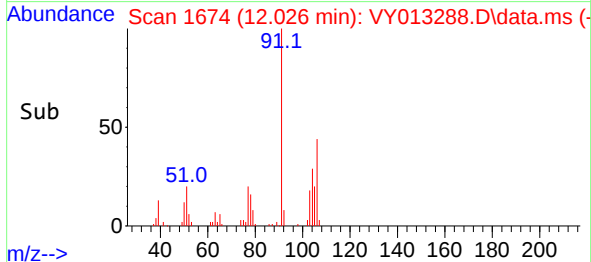
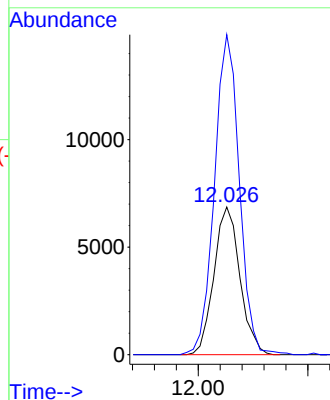
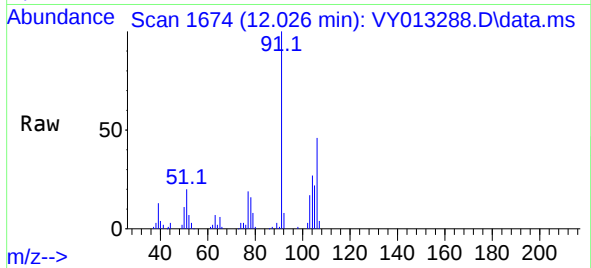




#69
o-Xylene
Concen: 2.594 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

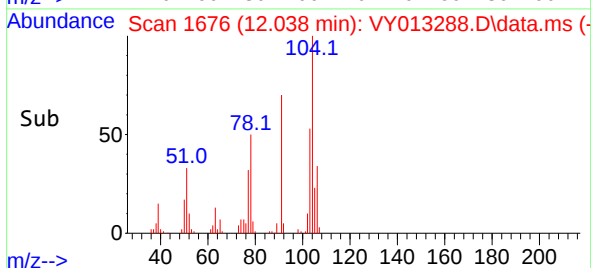
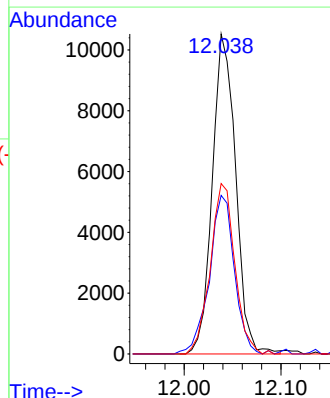
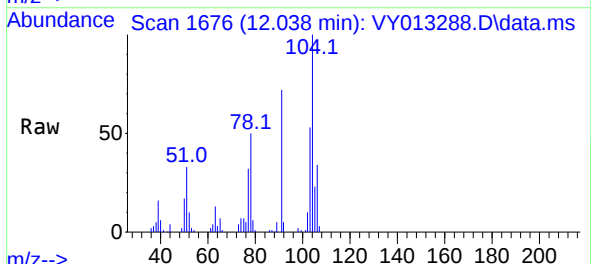
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

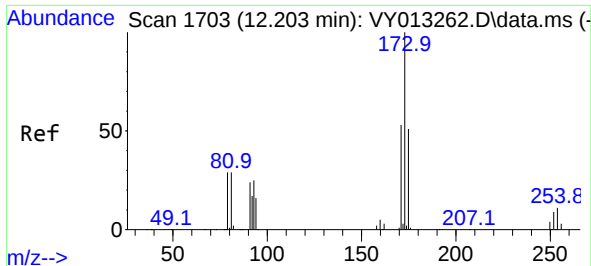
Tgt Ion:106 Resp: 11294
Ion Ratio Lower Upper
106 100
91 207.7 107.2 321.6



#70
Styrene
Concen: 2.398 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:104 Resp: 17631
Ion Ratio Lower Upper
104 100
78 53.1 39.2 58.8
103 56.1 43.7 65.5

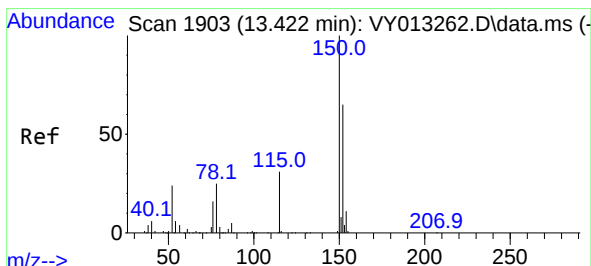
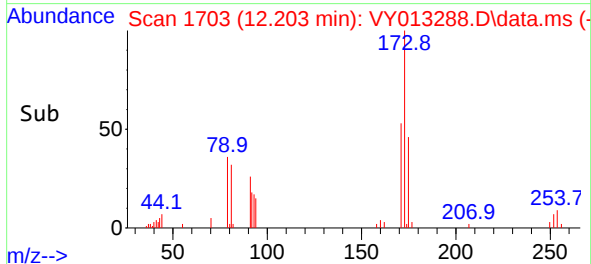
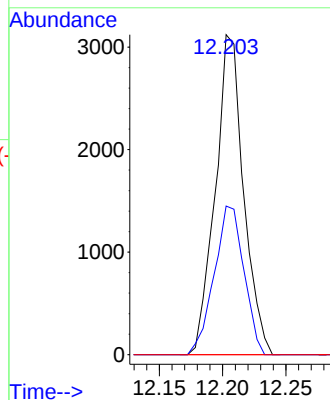
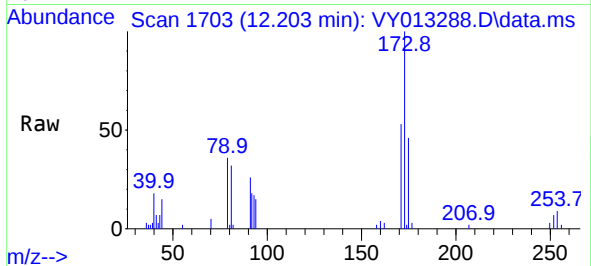




#71
Bromoform
Concen: 2.643 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

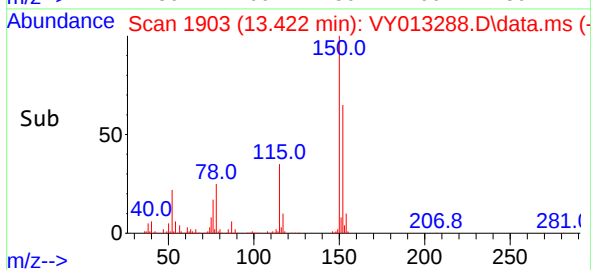
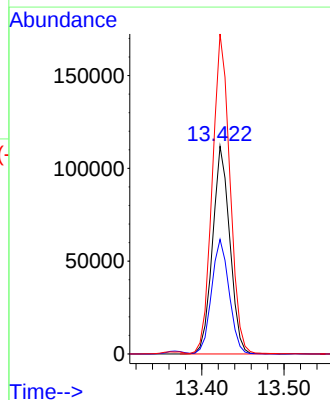
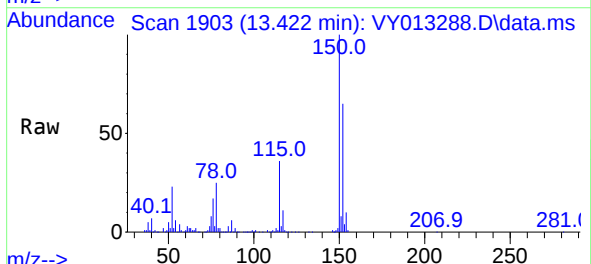
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

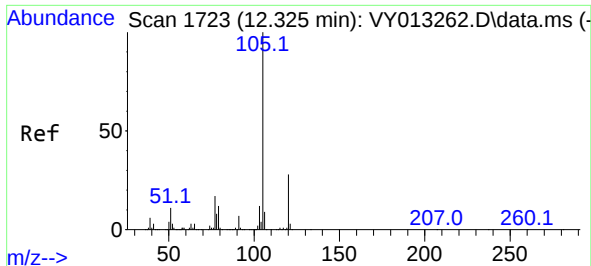
Tgt Ion:173 Resp: 4847
Ion Ratio Lower Upper
173 100
175 48.8 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:152 Resp: 163199
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 157.7 0.0 347.8

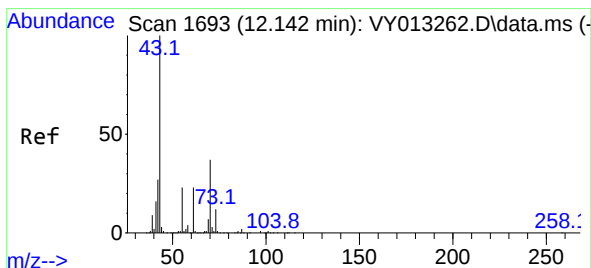
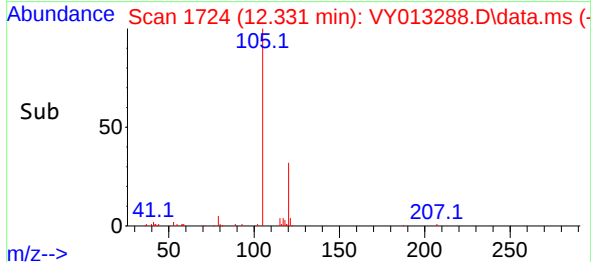
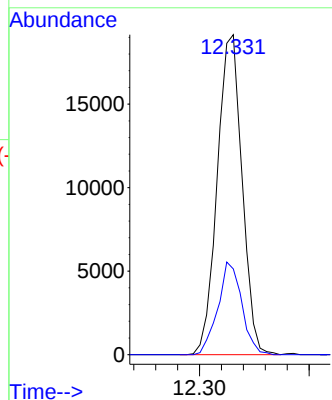
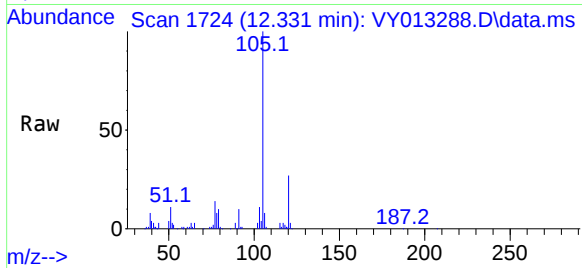




#73
Isopropylbenzene
Concen: 2.692 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

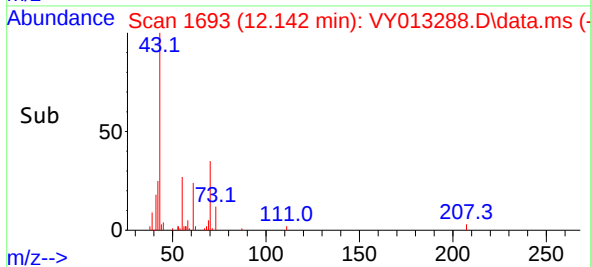
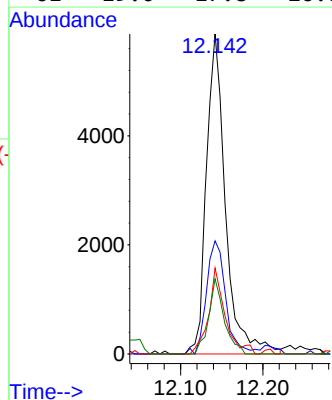
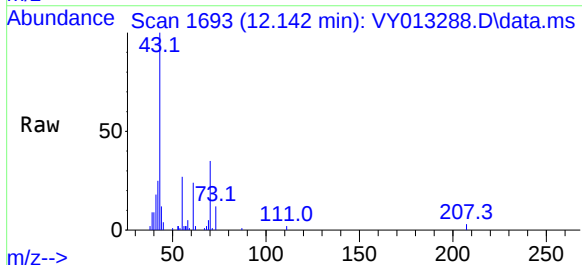
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

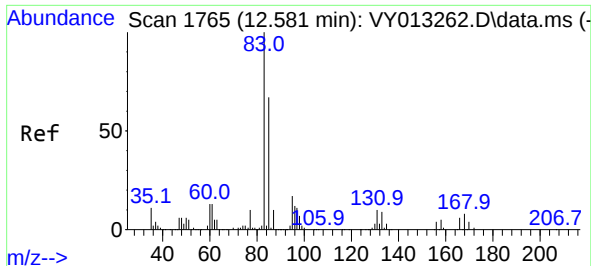
Tgt Ion:105 Resp: 30140
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#74
N-ethyl acetate
Concen: 2.374 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 43 Resp: 9483
Ion Ratio Lower Upper
43 100
70 35.2 31.6 47.4
55 23.3 18.8 28.2
61 19.0 17.8 26.8

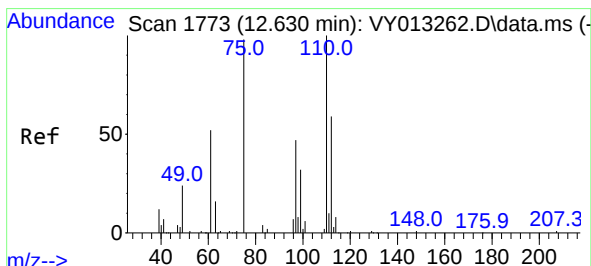
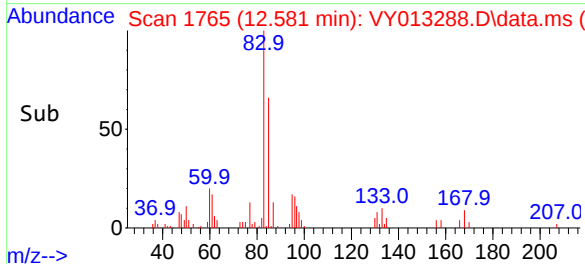
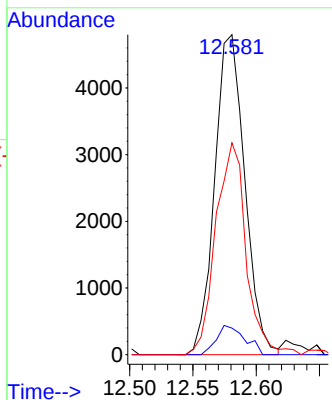
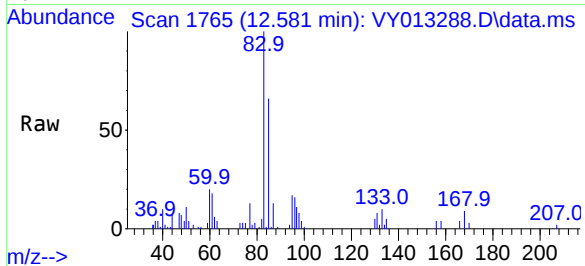




#75
1,1,2,2-Tetrachloroethane
Concen: 2.873 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

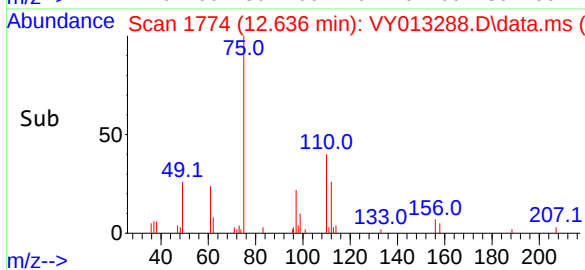
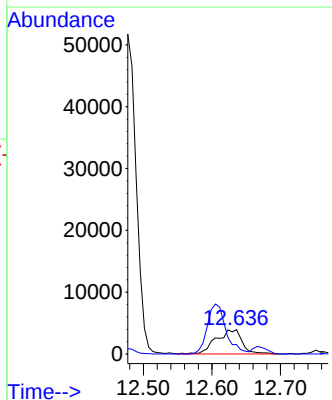
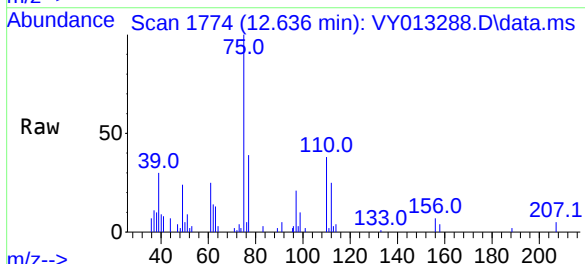
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

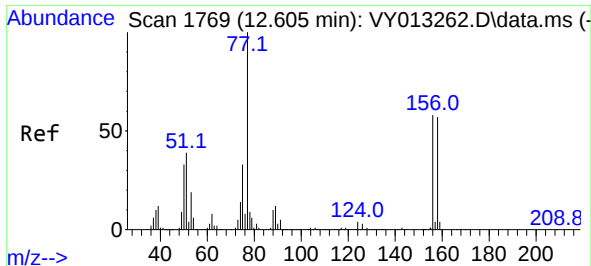
Tgt Ion: 83 Resp: 7946
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.2
85 66.7 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 5.092 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 75 Resp: 10354
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

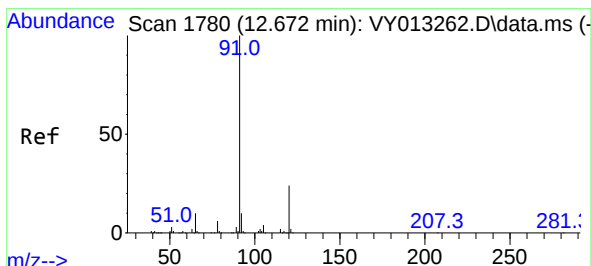
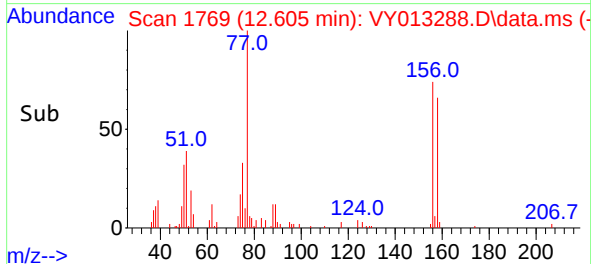
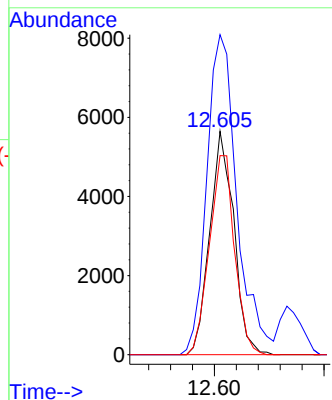
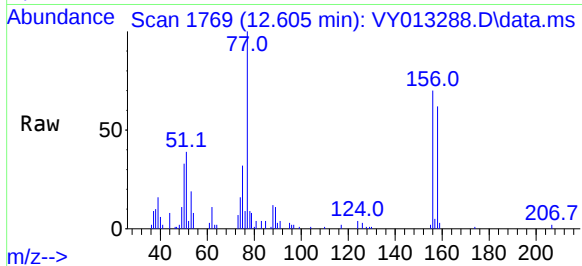




#77
Bromobenzene
Concen: 3.075 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

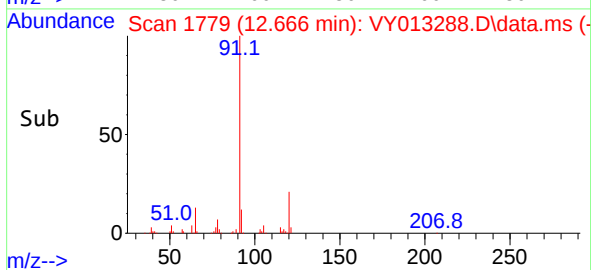
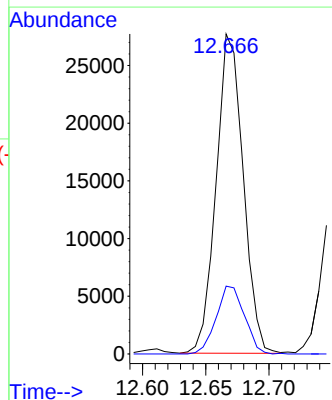
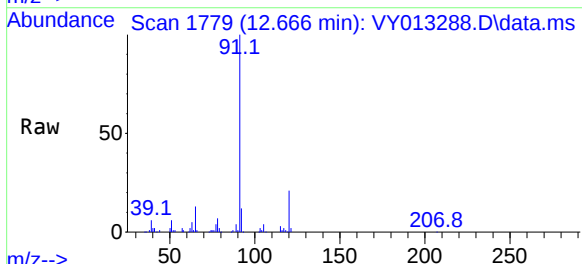
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

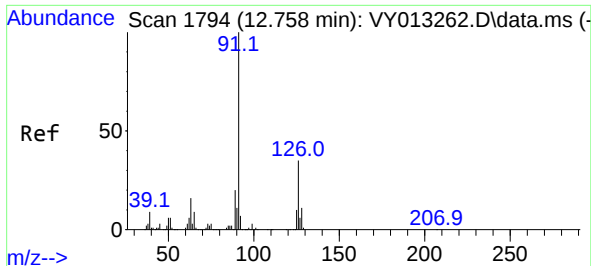
Tgt Ion:156 Resp: 8607
Ion Ratio Lower Upper
156 100
77 178.9 94.0 282.1
158 93.6 48.1 144.4



#78
n-propylbenzene
Concen: 2.976 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 91 Resp: 41143
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8

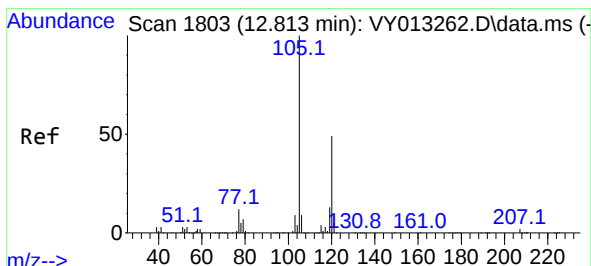
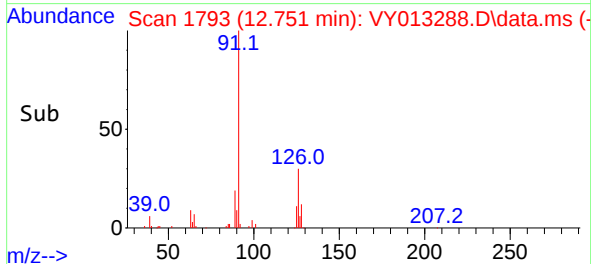
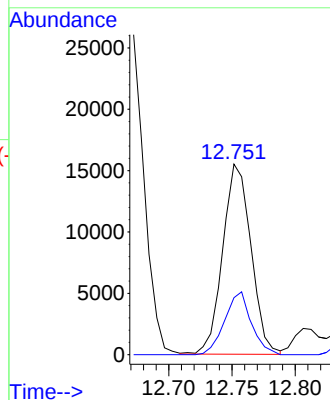
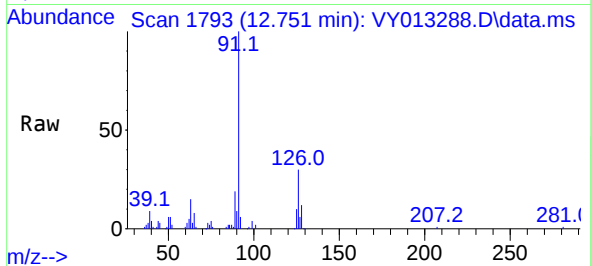




#79
2-Chlorotoluene
Concen: 3.098 ug/l
RT: 12.751 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

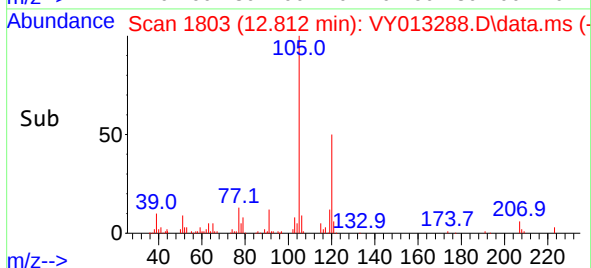
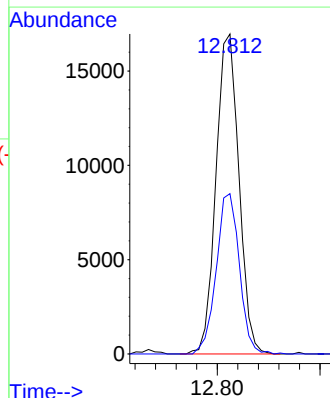
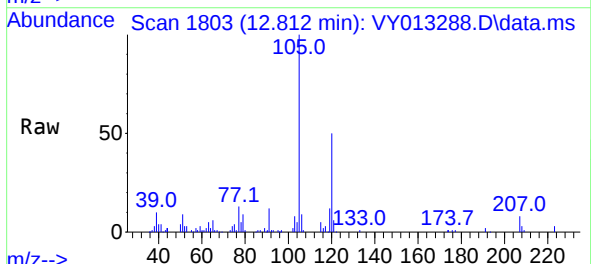
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

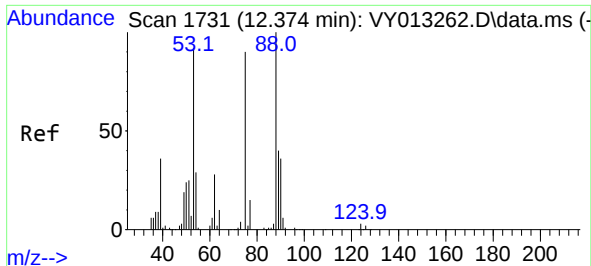
Tgt Ion: 91 Resp: 24110
Ion Ratio Lower Upper
91 100
126 31.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 2.800 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:105 Resp: 26257
Ion Ratio Lower Upper
105 100
120 50.5 24.8 74.4

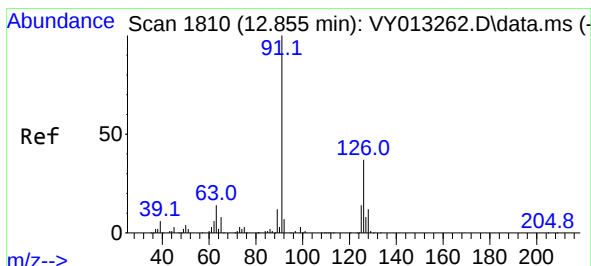
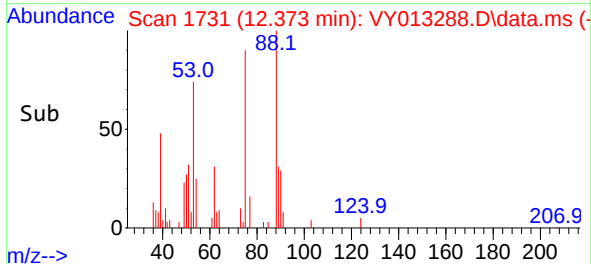
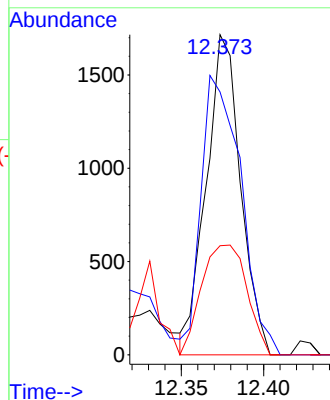
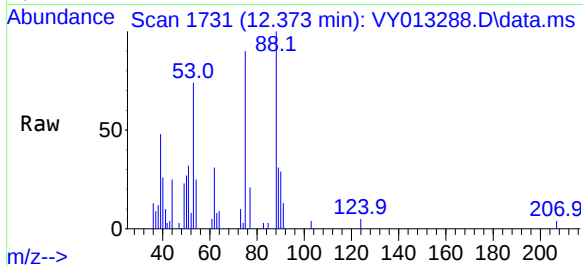




#81
trans-1,4-Dichloro-2-butene
Concen: 2.542 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

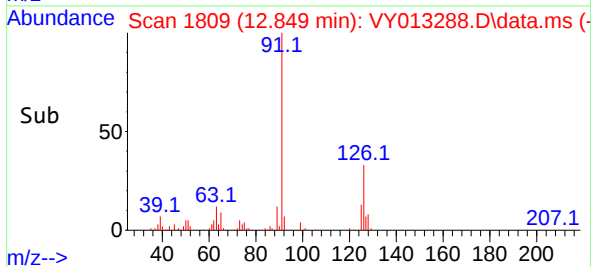
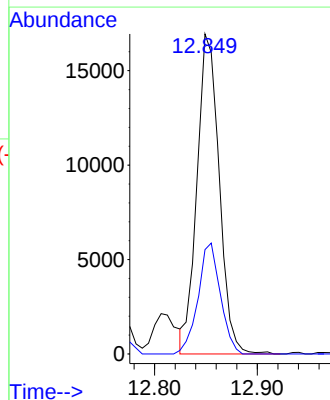
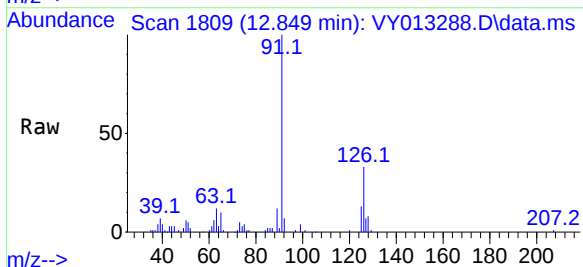
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

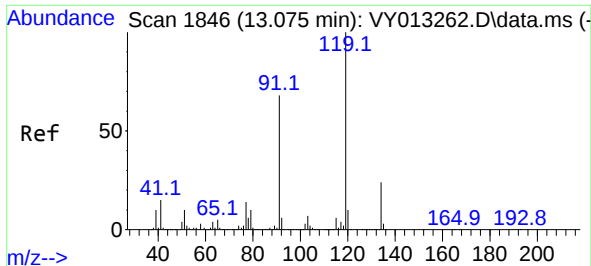
Tgt Ion:	75	Resp:	2491
Ion	Ratio	Lower	Upper
75	100		
53	100.9	73.4	110.0
89	45.2	36.6	55.0



#82
4-Chlorotoluene
Concen: 3.111 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	91	Resp:	25526
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.7	53.1

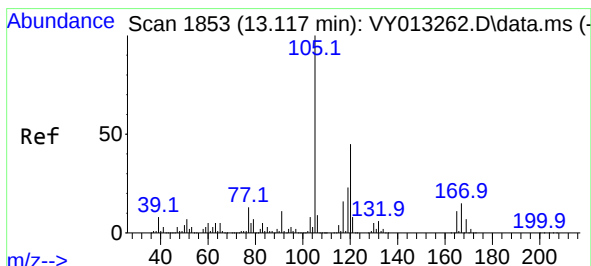
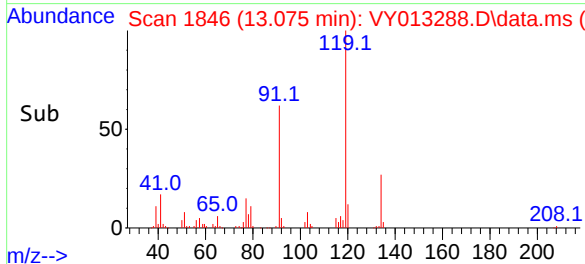
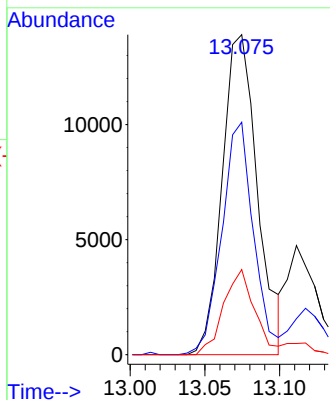
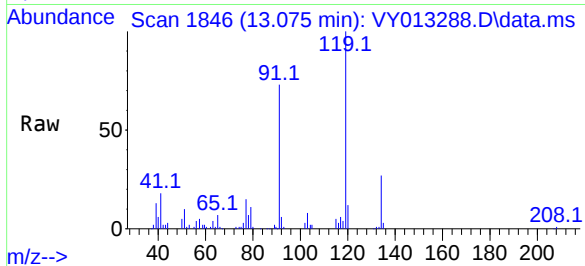




#83
tert-Butylbenzene
Concen: 2.835 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

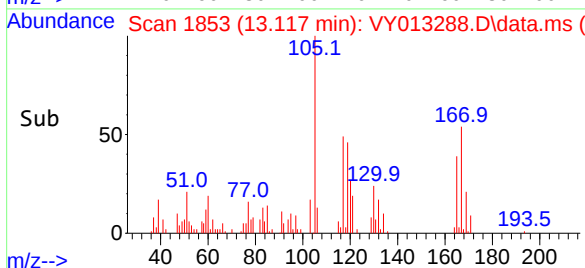
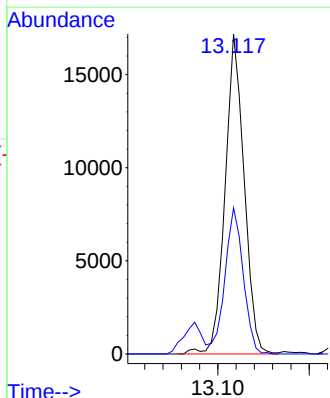
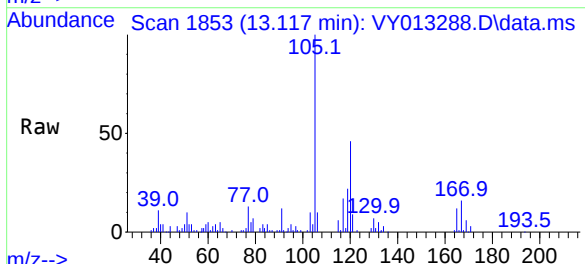
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

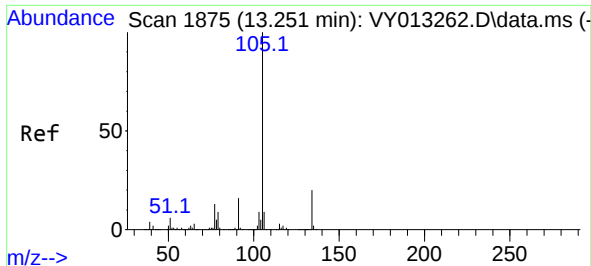
Tgt Ion:	119	Resp:	22813
Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.8	98.3
134	23.6	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 2.730 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	105	Resp:	24913
Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.0	69.0

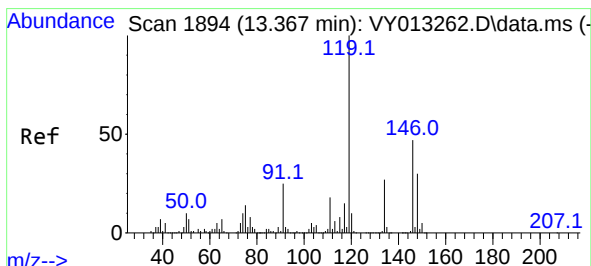
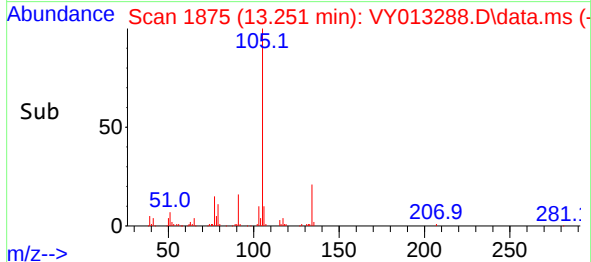
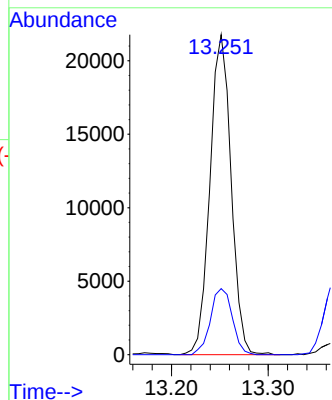
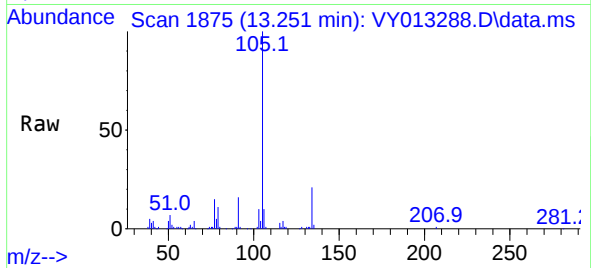




#85
 sec-Butylbenzene
 Concen: 2.748 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013288.D
 Acq: 13 Apr 2023 12:11

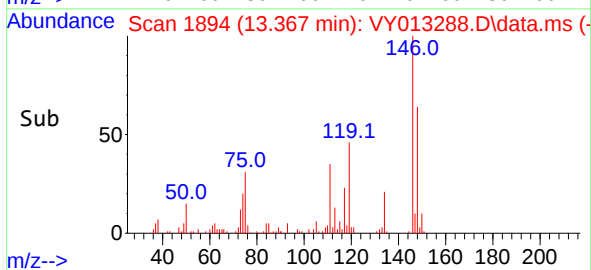
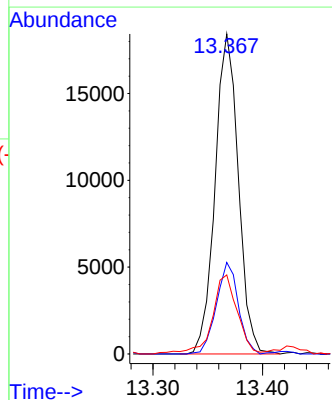
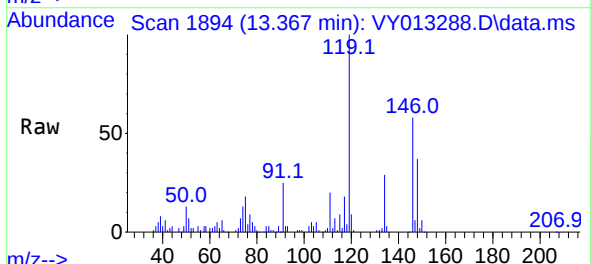
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

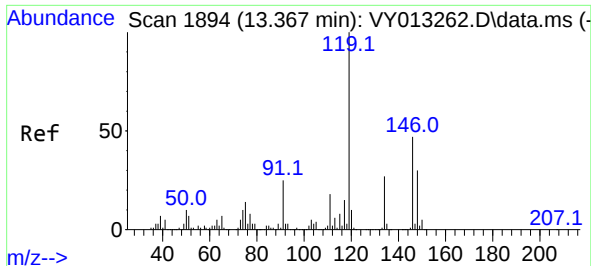
Tgt Ion:105 Resp: 33059
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.754 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013288.D
 Acq: 13 Apr 2023 12:11

Tgt Ion:119 Resp: 27193
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.6
 91 26.4 11.8 35.3

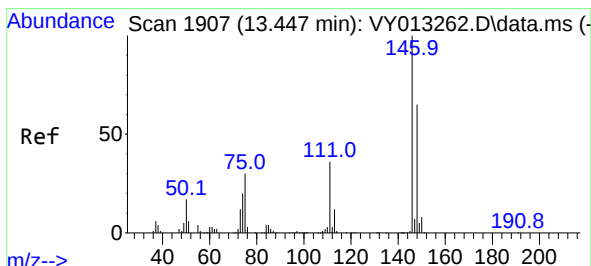
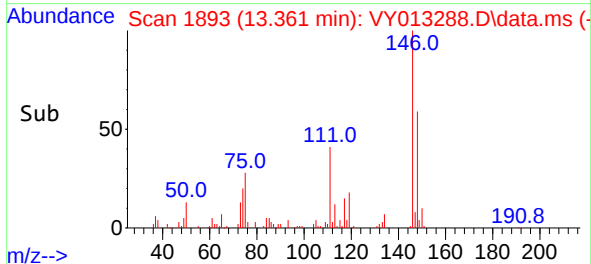
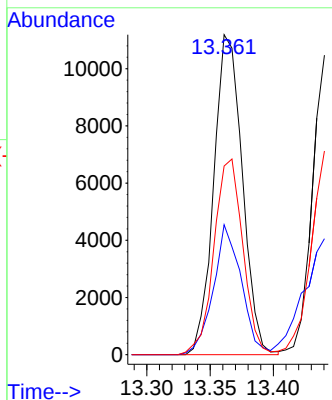
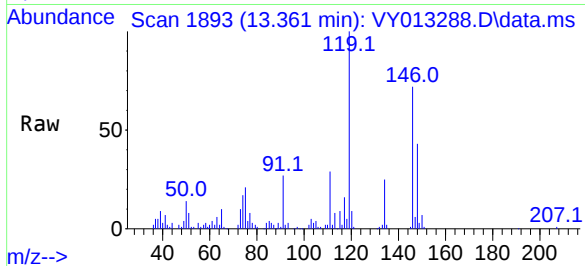




#87
1,3-Dichlorobenzene
Concen: 3.256 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

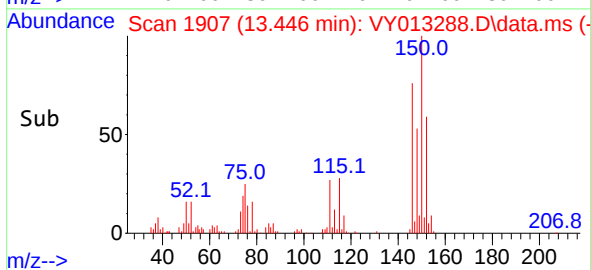
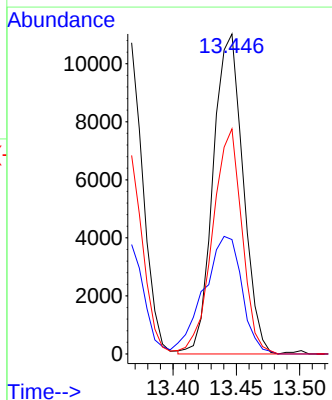
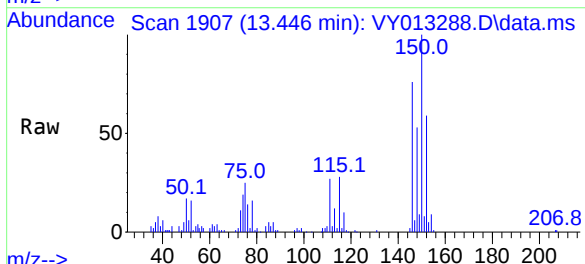
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

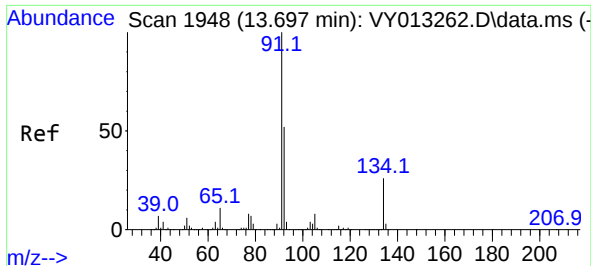
Tgt Ion:	146	Resp:	17568
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.1	57.5
148	61.9	31.8	95.3



#88
1,4-Dichlorobenzene
Concen: 3.318 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	146	Resp:	18095
Ion	Ratio	Lower	Upper
146	100		
111	46.9	18.6	55.8
148	69.6	31.5	94.5





#89

n-Butylbenzene

Concen: 2.815 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

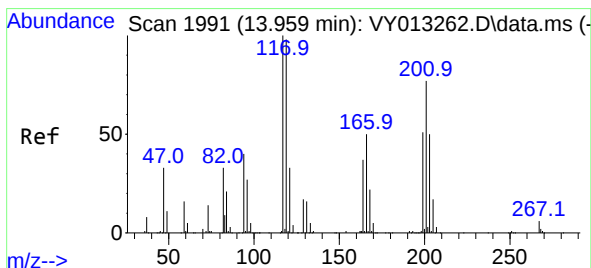
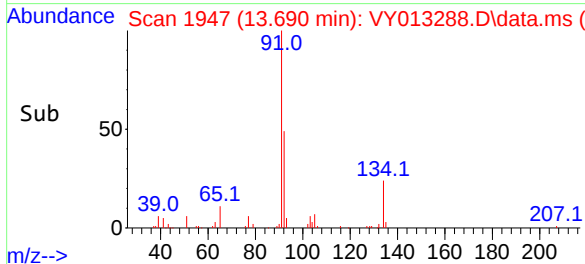
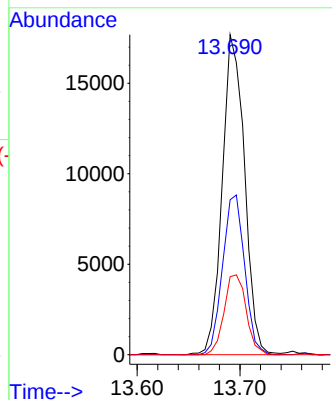
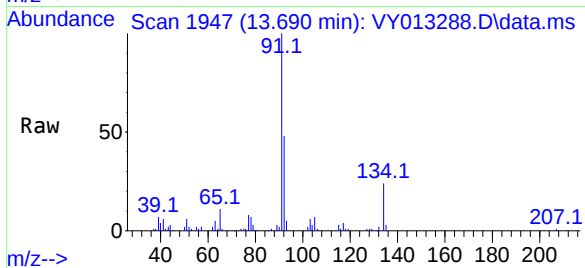
Tgt Ion: 91 Resp: 26581

Ion Ratio Lower Upper

91 100

92 49.5 26.4 79.0

134 24.8 13.0 38.9



#90

Hexachloroethane

Concen: 3.548 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013288.D

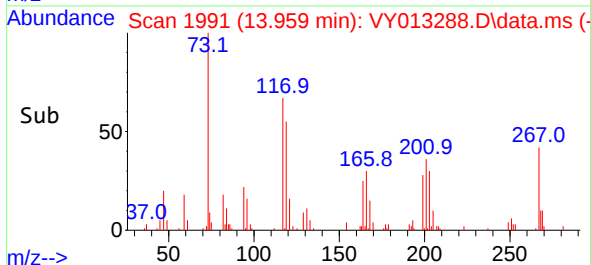
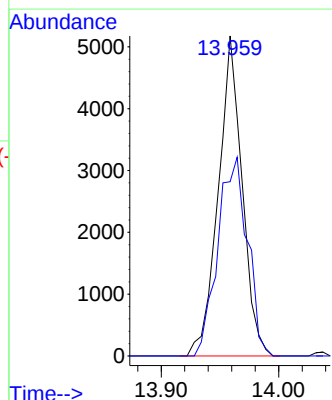
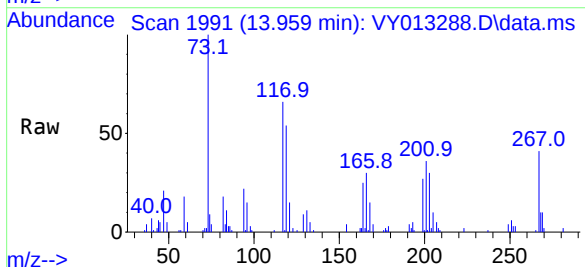
Acq: 13 Apr 2023 12:11

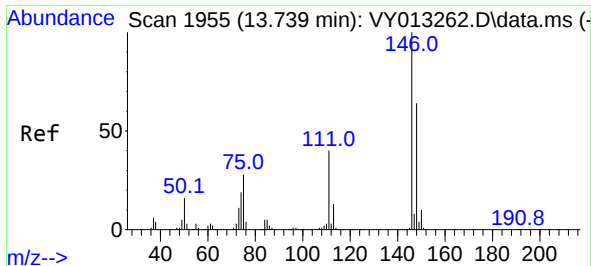
Tgt Ion: 117 Resp: 7305

Ion Ratio Lower Upper

117 100

201 77.0 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 3.078 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

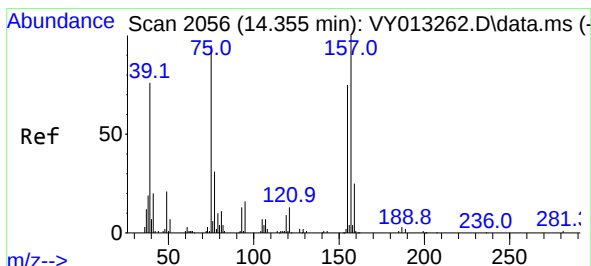
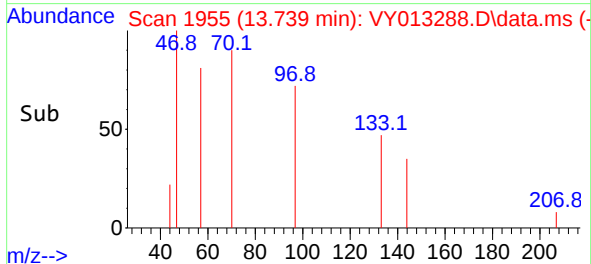
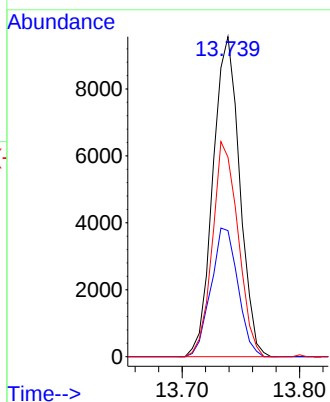
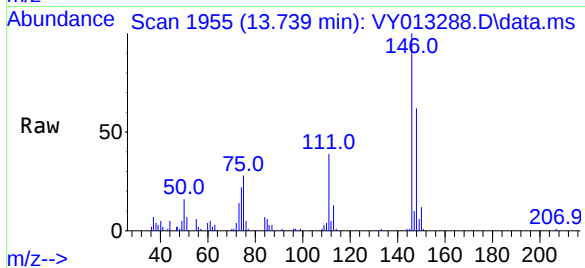
Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:146	Resp:	15114
Ion Ratio	Lower	Upper
146	100	
111	40.5	19.7 59.1
148	64.8	31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.802 ug/l

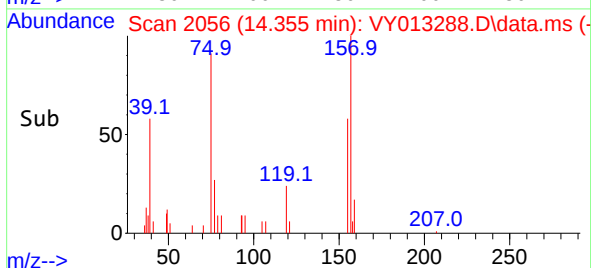
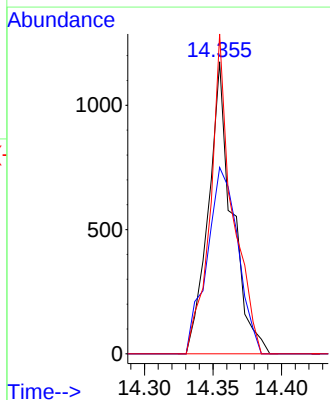
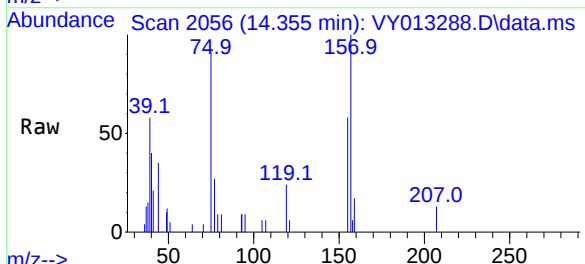
RT: 14.355 min Scan# 2056

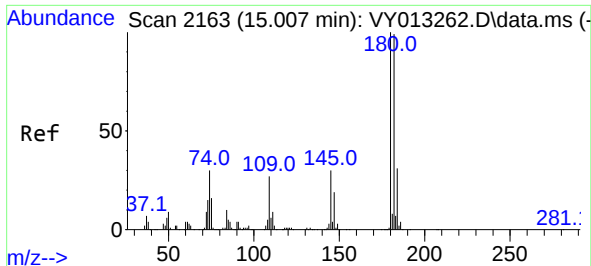
Delta R.T. -0.000 min

Lab File: VY013288.D

Acq: 13 Apr 2023 12:11

Tgt Ion: 75	Resp:	1407
Ion Ratio	Lower	Upper
75	100	
155	83.9	43.8 131.4
157	102.6	54.1 162.3

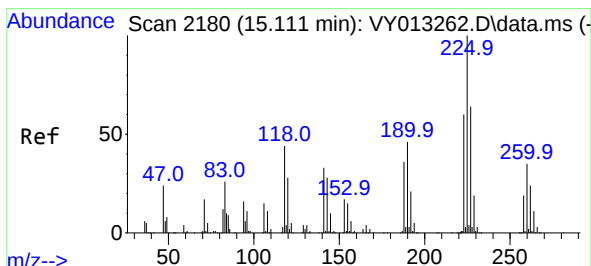
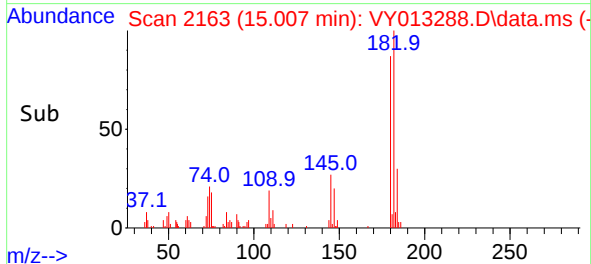
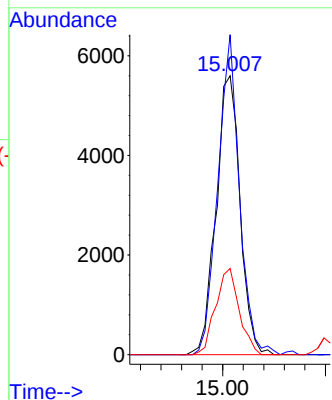
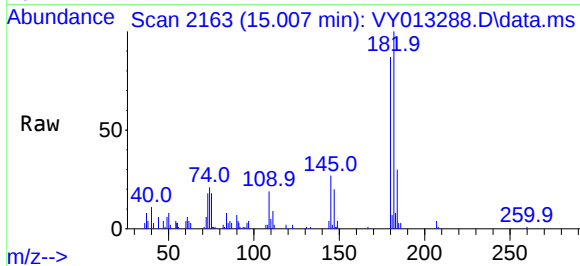




#93
1,2,4-Trichlorobenzene
Concen: 3.108 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

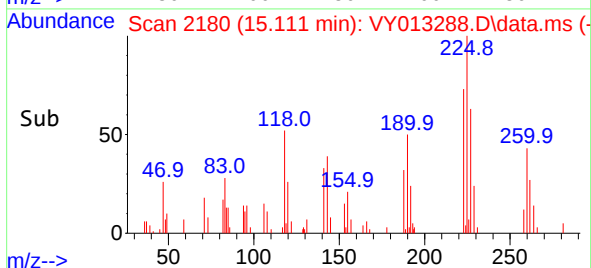
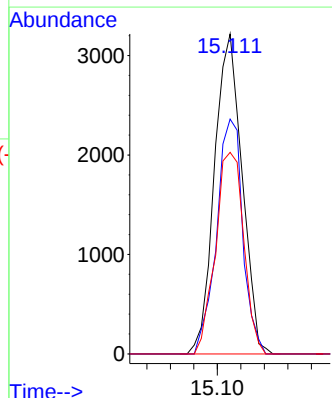
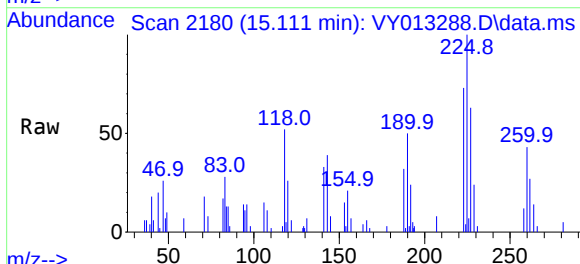
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

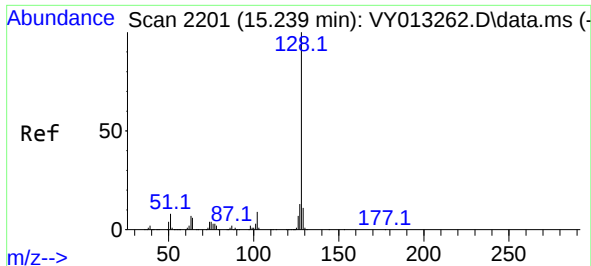
Tgt Ion:180	Resp:	9071
Ion Ratio	Lower	Upper
180	100	
182	102.7	46.7 140.1
145	30.4	14.6 43.8



#94
Hexachlorobutadiene
Concen: 3.032 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:225	Resp:	5240
Ion Ratio	Lower	Upper
225	100	
223	69.6	31.1 93.3
227	64.4	32.4 97.0

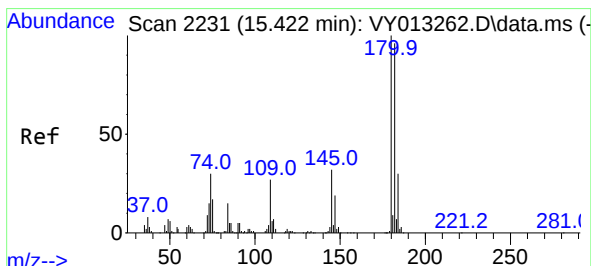
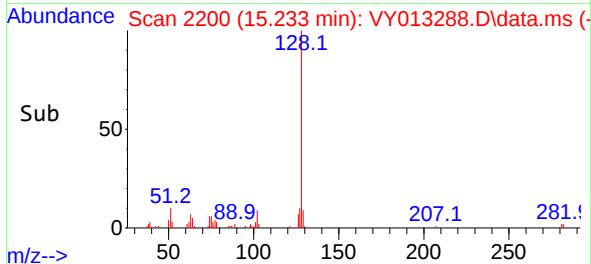
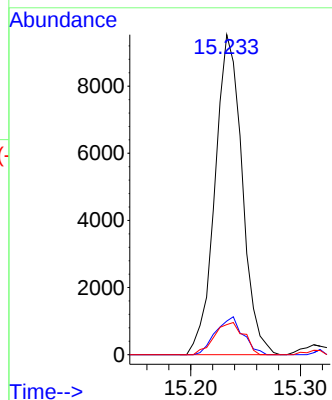
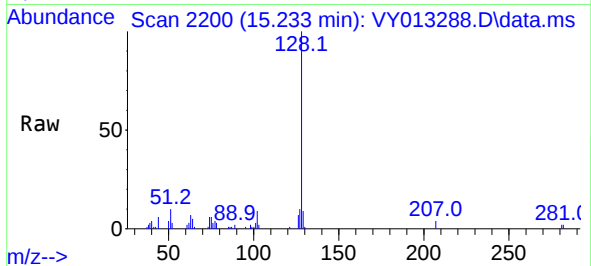




#95
Naphthalene
Concen: 5.350 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:	128	Resp:	16409
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.119 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013288.D
Acq: 13 Apr 2023 12:11

Tgt Ion:	180	Resp:	8293
Ion	Ratio	Lower	Upper
180	100		
182	101.0	47.4	142.3
145	32.6	15.3	45.8

