

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012842.D
 Acq On : 07 Mar 2023 14:12
 Operator : KP/MD
 Sample : 01627-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 07 23:43:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	127212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41258	46.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.600%		
35) Dibromofluoromethane	7.722	113	41199	47.832	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.660%		
50) Toluene-d8	10.185	98	141370	44.896	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.800%		
62) 4-Bromofluorobenzene	12.483	95	46046	43.325	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	2781	3.143	ug/l	89
3) Chloromethane	2.113	50	3575	3.380	ug/l	99
4) Vinyl Chloride	2.259	62	3038	3.132	ug/l	89
5) Bromomethane	2.662	94	2063	3.501	ug/l	86
6) Chloroethane	2.802	64	1943	3.345	ug/l #	85
7) Trichlorofluoromethane	3.131	101	5064	3.144	ug/l	93
8) Diethyl Ether	3.528	74	1577	2.794	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	3234	3.337	ug/l	98
10) Methyl Iodide	4.095	142	3115	2.467	ug/l	98
11) Tert butyl alcohol	4.942	59	1130	Below Cal	#	74
12) 1,1-Dichloroethene	3.881	96	2640	2.856	ug/l	93
13) Acrolein	3.735	56	1593	10.203	ug/l	92
14) Allyl chloride	4.485	41	4686	2.745	ug/l	96
15) Acrylonitrile	5.161	53	3746	12.595	ug/l	93
16) Acetone	3.948	43	4513	12.902	ug/l	93
17) Carbon Disulfide	4.198	76	9089	2.889	ug/l	98
18) Methyl Acetate	4.479	43	2691	2.583	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	6004	2.515	ug/l	96
20) Methylene Chloride	4.722	84	7526	1.880	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	3006	2.993	ug/l	97
22) Diisopropyl ether	6.119	45	7089	2.286	ug/l	92
23) Vinyl Acetate	6.064	43	21396	11.104	ug/l	95
24) 1,1-Dichloroethane	6.027	63	5149	2.914	ug/l	98
25) 2-Butanone	6.984	43	5325	12.291	ug/l	99
26) 2,2-Dichloropropane	6.984	77	5231	3.333	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	3087	2.867	ug/l	93
28) Bromochloromethane	7.332	49	1407	2.179	ug/l #	96
29) Tetrahydrofuran	7.350	42	2869	10.980	ug/l	99
30) Chloroform	7.509	83	5240	3.002	ug/l	97
31) Cyclohexane	7.789	56	6281	3.680	ug/l #	65
32) 1,1,1-Trichloroethane	7.704	97	4561	2.890	ug/l	96
36) 1,1-Dichloropropene	7.917	75	4080	2.827	ug/l	96
37) Ethyl Acetate	7.070	43	2099	2.307	ug/l #	92
38) Carbon Tetrachloride	7.905	117	4584	3.075	ug/l	94
39) Methylcyclohexane	9.179	83	4514	2.630	ug/l	94
40) Benzene	8.161	78	11207	2.745	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	848	1.730	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	3596	2.929	ug/l	98
43) Isopropyl Acetate	8.271	43	3518	2.167	ug/l #	90
44) Trichloroethene	8.941	130	2948	2.739	ug/l	96
45) 1,2-Dichloropropane	9.222	63	2801	2.714	ug/l	90
46) Dibromomethane	9.301	93	1690	2.875	ug/l	98
47) Bromodichloromethane	9.496	83	3858	2.785	ug/l #	92
48) Methyl methacrylate	9.295	41	1735	2.320	ug/l	97
49) 1,4-Dioxane	9.301	88	309	40.660	ug/l #	75
51) 4-Methyl-2-Pentanone	10.075	43	9035	10.262	ug/l	99
52) Toluene	10.246	92	6971	2.831	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	3633	2.500	ug/l	90
54) cis-1,3-Dichloropropene	9.929	75	4197	2.552	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	2062	2.519	ug/l	91
56) Ethyl methacrylate	10.514	69	2453	2.247	ug/l	98
57) 1,3-Dichloropropane	10.788	76	3578	2.566	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	5555	9.694	ug/l	97
59) 2-Hexanone	10.837	43	6133	9.585	ug/l	96
60) Dibromochloromethane	10.984	129	2685	2.694	ug/l	97
61) 1,2-Dibromoethane	11.093	107	2086	2.645	ug/l	97
64) Tetrachloroethene	10.727	164	2926	3.159	ug/l #	80
65) Chlorobenzene	11.520	112	7413	2.777	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	2761	2.795	ug/l	94
67) Ethyl Benzene	11.593	91	12188	2.596	ug/l	100
68) m/p-Xylenes	11.703	106	9525	5.275	ug/l	92
69) o-Xylene	12.032	106	4042	2.398	ug/l	99
70) Styrene	12.050	104	6698	2.382	ug/l	99
71) Bromoform	12.209	173	1681	2.610	ug/l #	91
73) Isopropylbenzene	12.331	105	10552	2.345	ug/l	99
74) N-amyl acetate	12.148	43	2807	1.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	2505	2.476	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	3350	4.418	ug/l #	100
77) Bromobenzene	12.605	156	3008	2.752	ug/l	95
78) n-propylbenzene	12.672	91	14122	2.545	ug/l	100
79) 2-Chlorotoluene	12.758	91	8113	2.631	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	9293	2.502	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	805	2.200	ug/l	98
82) 4-Chlorotoluene	12.855	91	8054	2.523	ug/l	99
83) tert-Butylbenzene	13.075	119	7965	2.485	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	8468	2.332	ug/l	100
85) sec-Butylbenzene	13.258	105	12022	2.458	ug/l	98
86) p-Isopropyltoluene	13.373	119	9508	2.379	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	6272	2.975	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	6463	3.003	ug/l	90
89) n-Butylbenzene	13.696	91	10179	2.661	ug/l	96
90) Hexachloroethane	13.965	117	2576	3.095	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	5360	2.812	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	359	2.196	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	2844	2.424	ug/l	96
94) Hexachlorobutadiene	15.117	225	2314	3.233	ug/l	92
95) Naphthalene	15.245	128	4741	2.016	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	2518	2.413	ug/l	98

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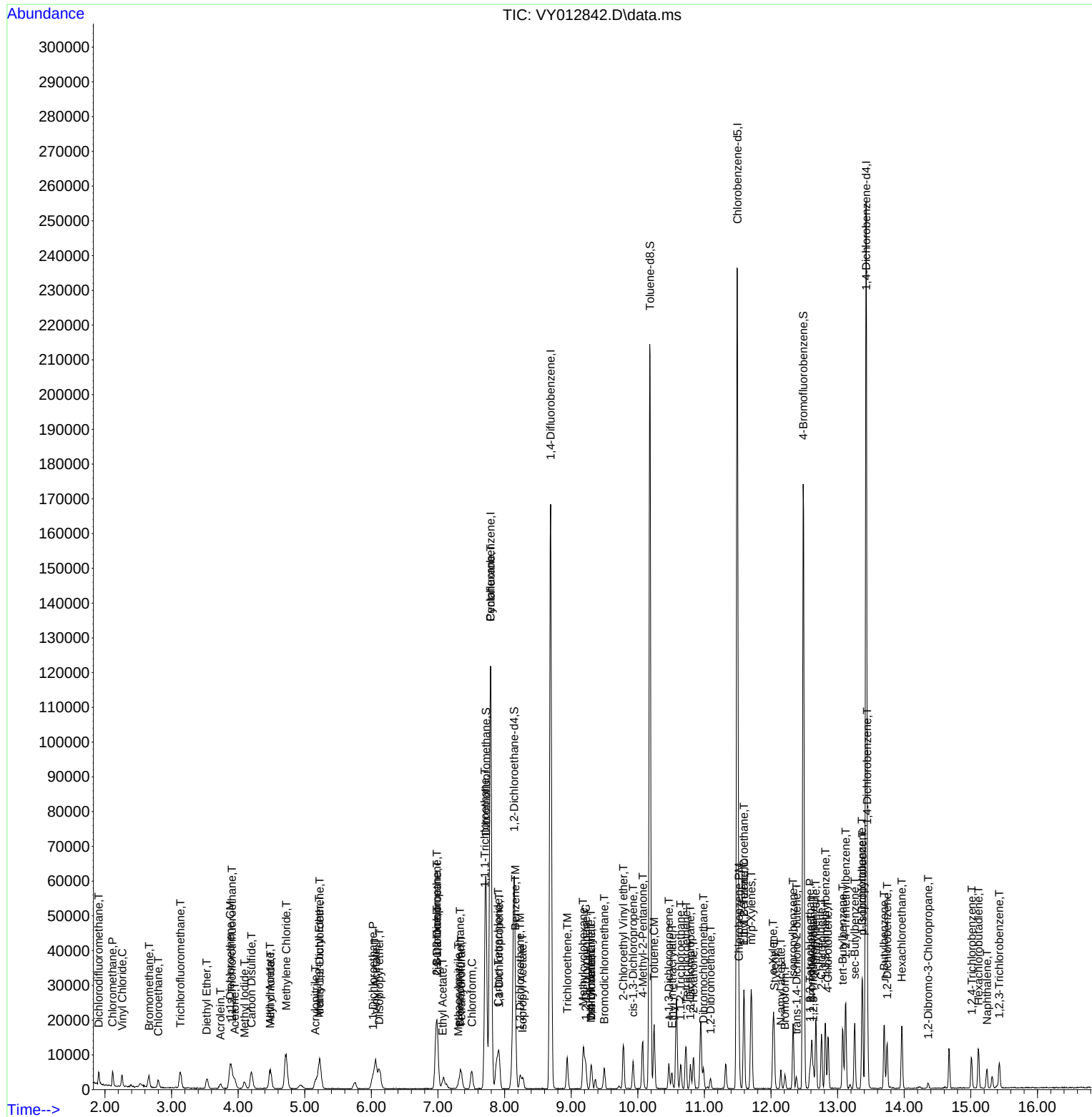
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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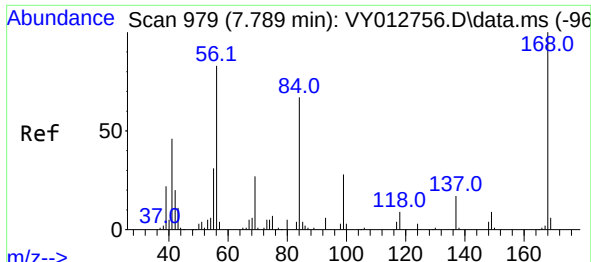
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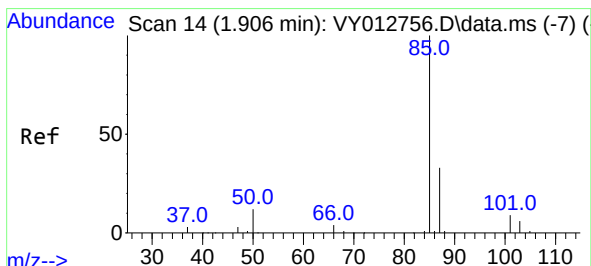
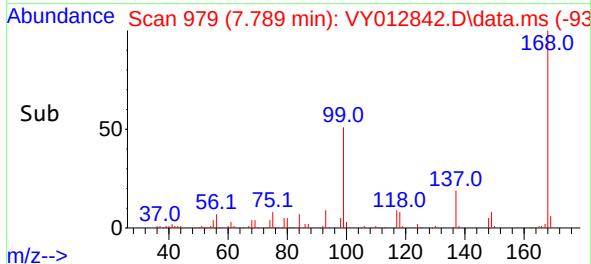
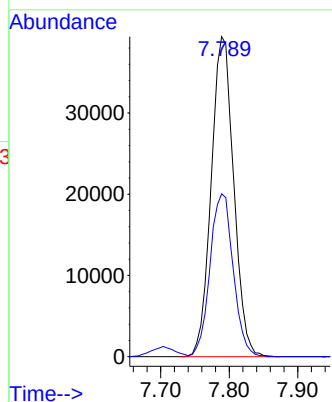
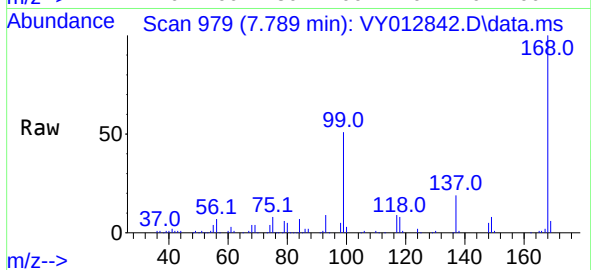




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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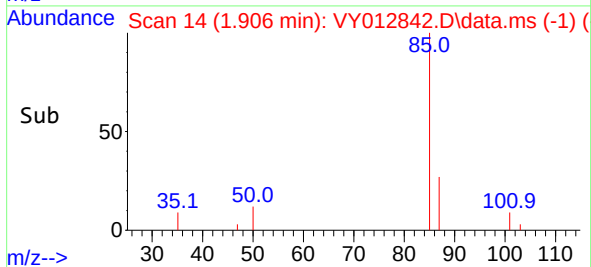
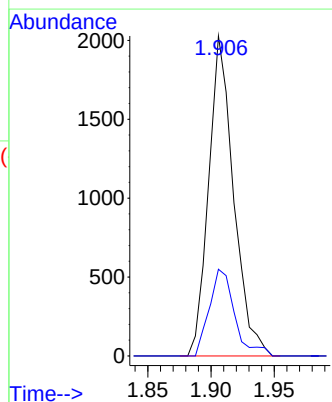
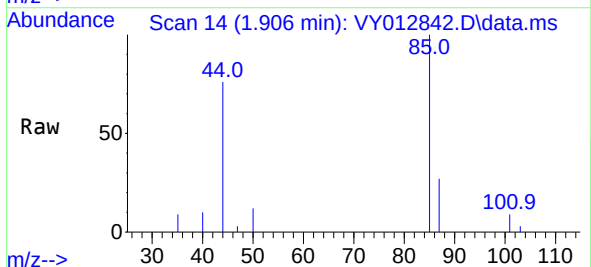
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 89757
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5

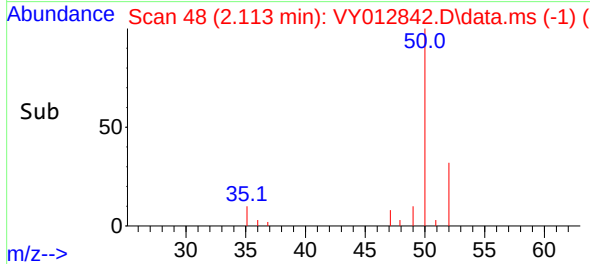
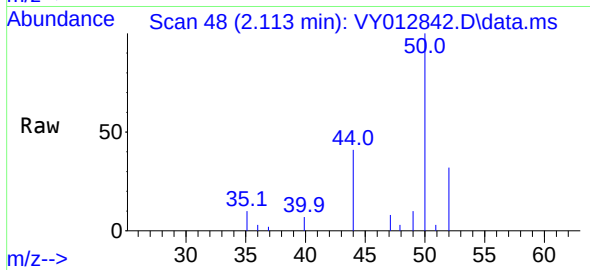
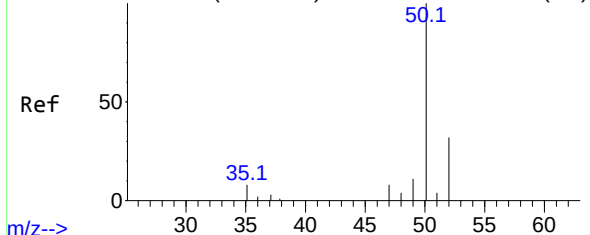


#2
Dichlorodifluoromethane
Concen: 3.143 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 85 Resp: 2781
Ion Ratio Lower Upper
85 100
87 27.1 16.7 50.0



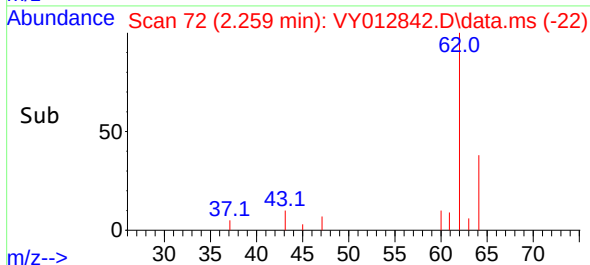
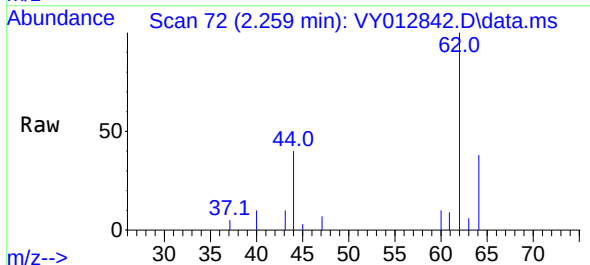
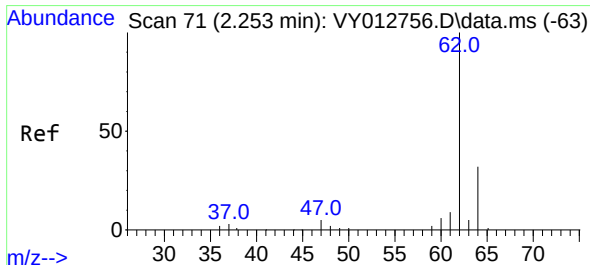
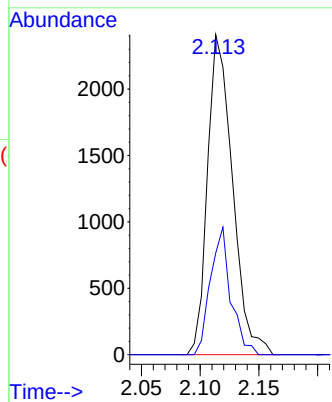
Abundance Scan 48 (2.113 min): VY012756.D\data.ms (-41)



#3
Chloromethane
Concen: 3.380 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

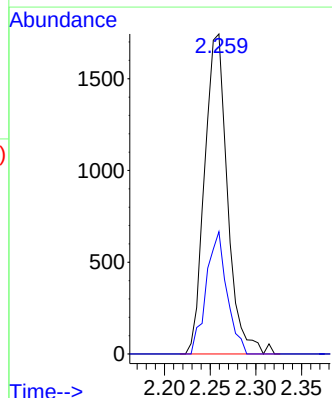
Instrument :
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ClientSampleId :
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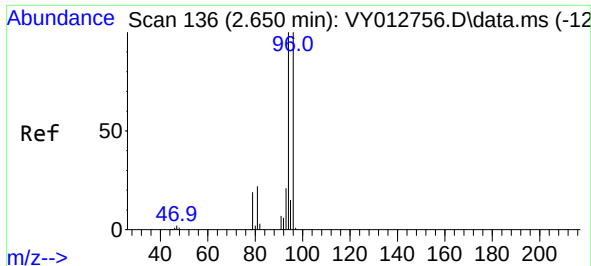
Tgt Ion: 50 Resp: 3575
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0



#4
Vinyl Chloride
Concen: 3.132 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 62 Resp: 3038
Ion Ratio Lower Upper
62 100
64 38.2 25.6 38.4

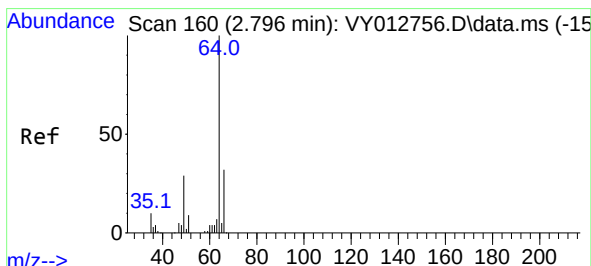
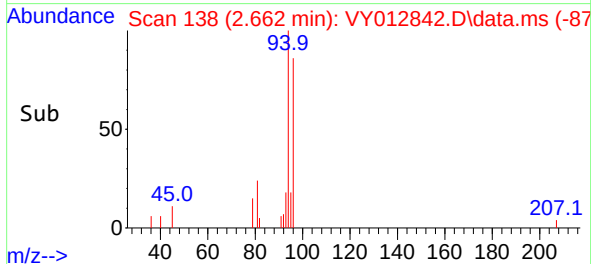
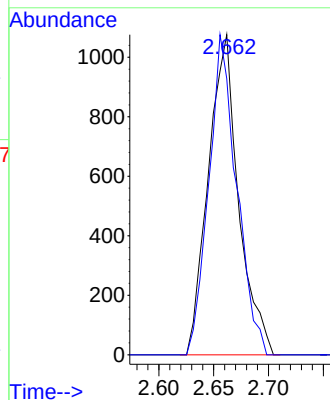
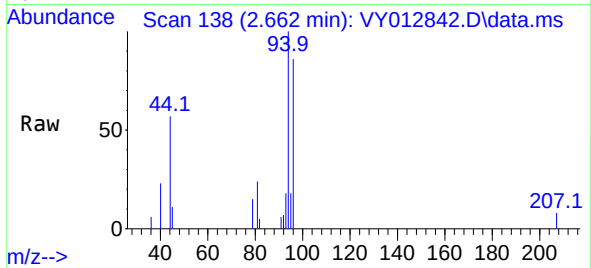




#5
Bromomethane
Concen: 3.501 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY012842.D
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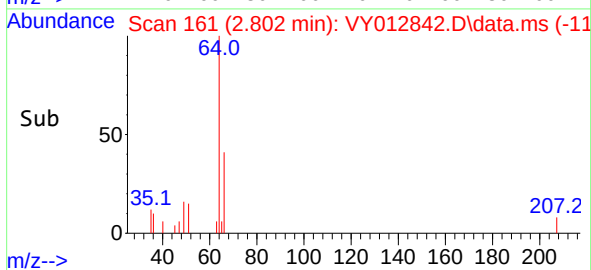
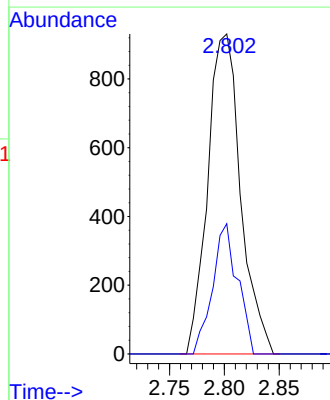
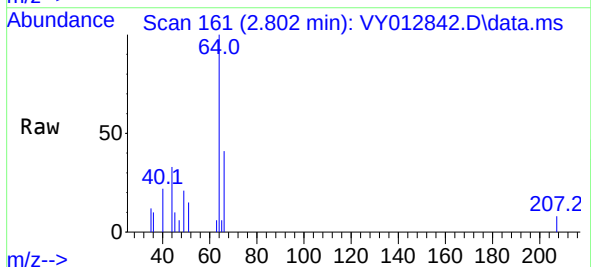
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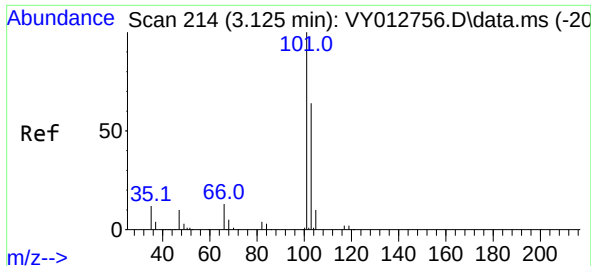
Tgt Ion: 94 Resp: 2063
Ion Ratio Lower Upper
94 100
96 86.2 80.3 120.5



#6
Chloroethane
Concen: 3.345 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 64 Resp: 1943
Ion Ratio Lower Upper
64 100
66 40.7 25.7 38.5#

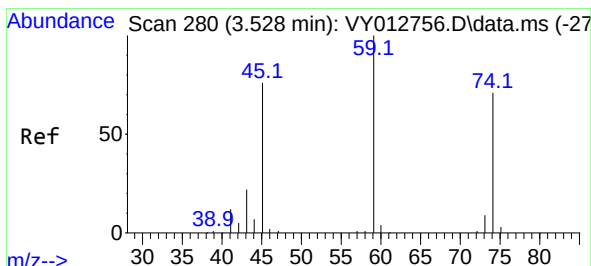
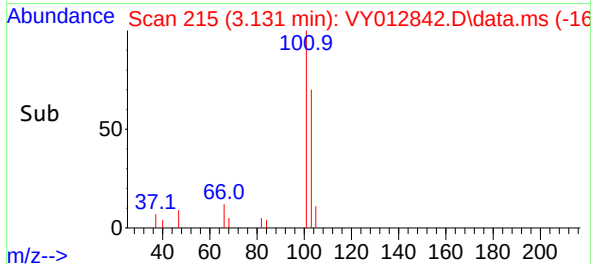
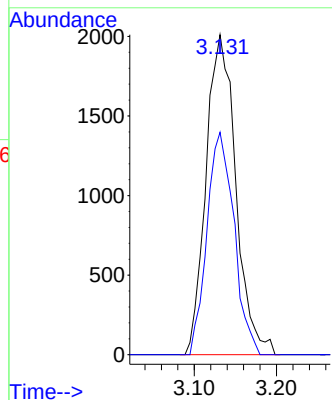
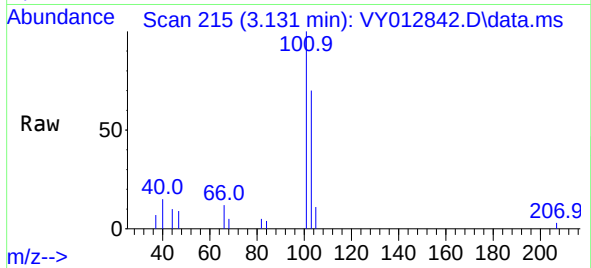




#7
Trichlorofluoromethane
Concen: 3.144 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

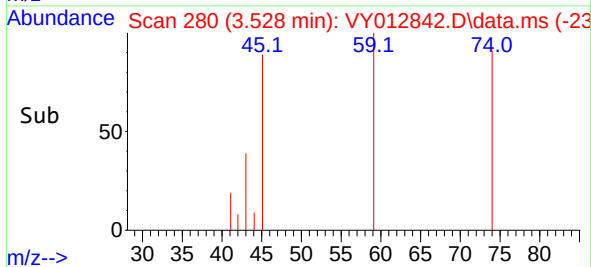
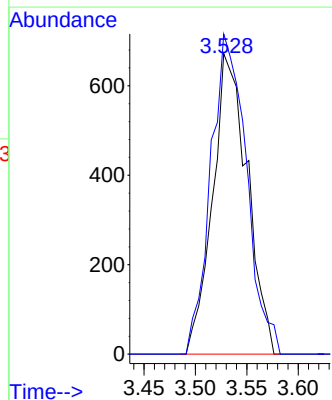
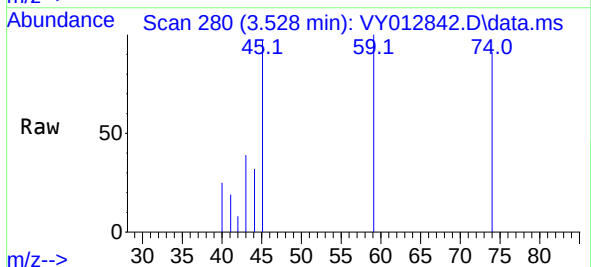
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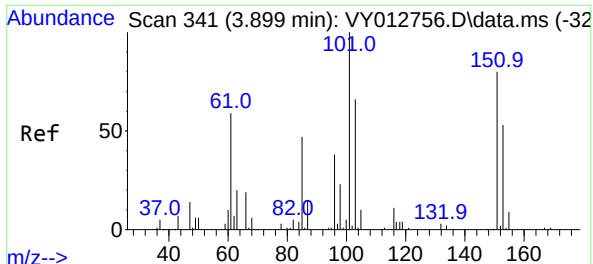
Tgt Ion:101 Resp: 5064
Ion Ratio Lower Upper
101 100
103 69.5 51.5 77.3



#8
Diethyl Ether
Concen: 2.794 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 74 Resp: 1577
Ion Ratio Lower Upper
74 100
45 109.5 52.1 156.4



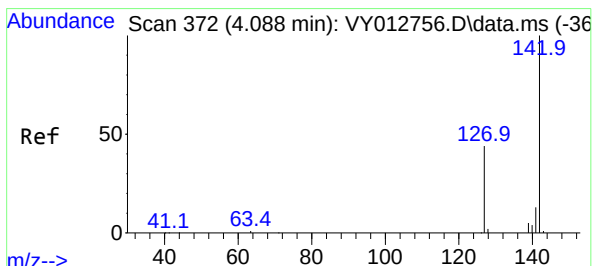
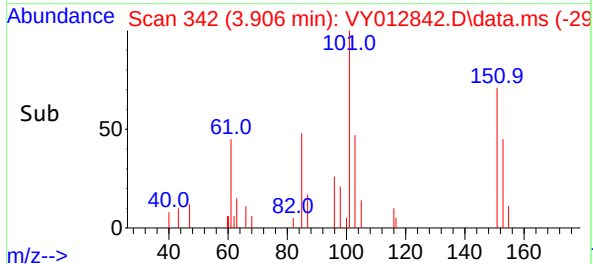
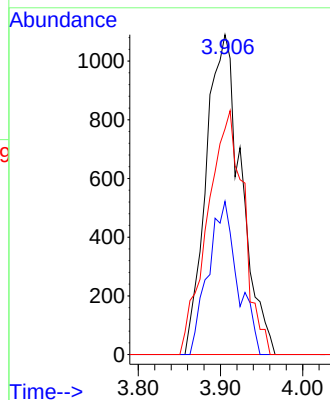
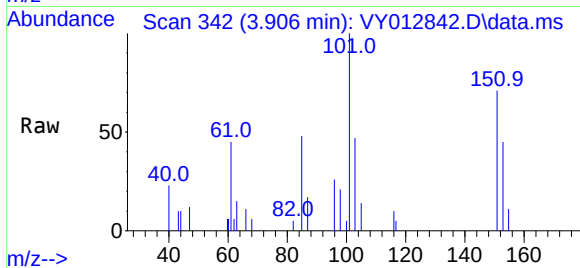


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.337 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:101 Resp: 3234

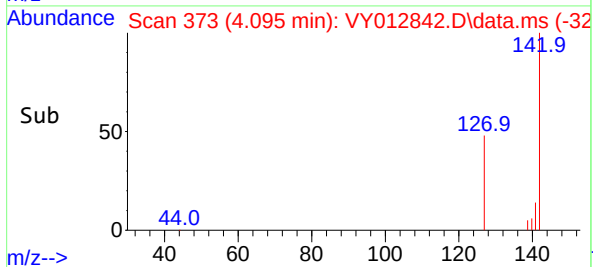
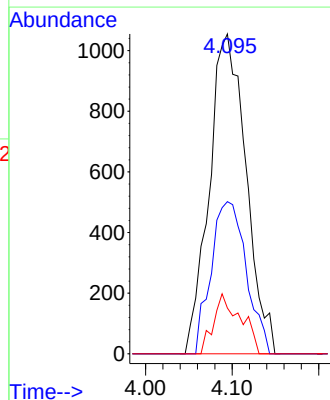
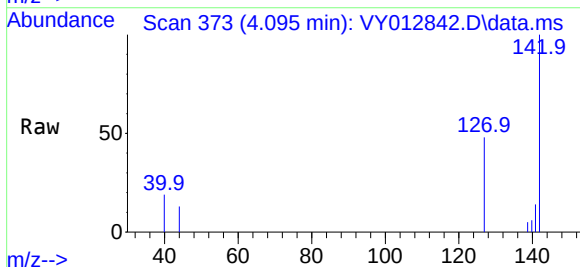
Ion	Ratio	Lower	Upper
101	100		
85	40.3	35.3	52.9
151	78.9	63.1	94.7

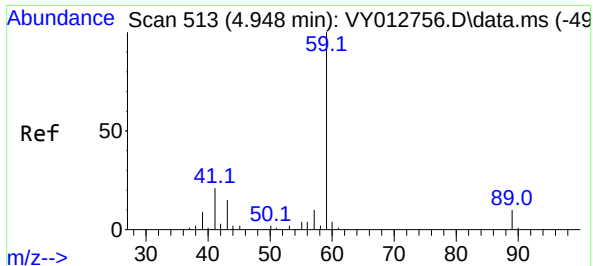


#10
Methyl Iodide
Concen: 2.467 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:142 Resp: 3115

Ion	Ratio	Lower	Upper
142	100		
127	45.6	35.4	53.2
141	13.8	11.3	16.9

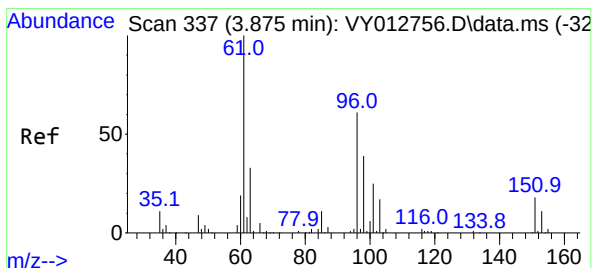
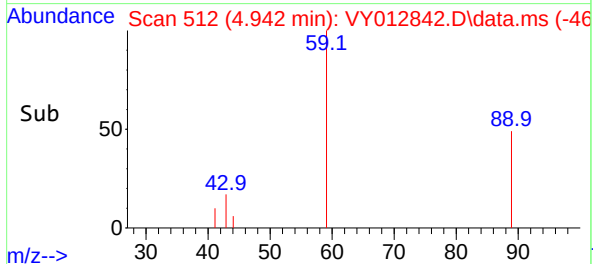
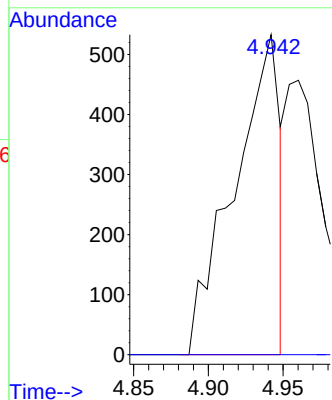
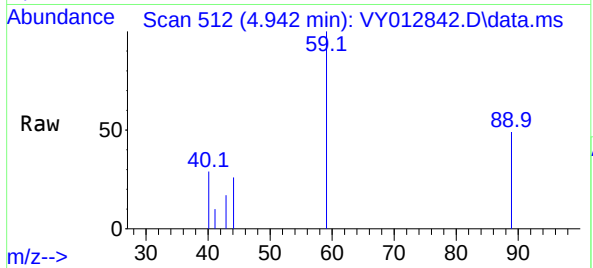




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

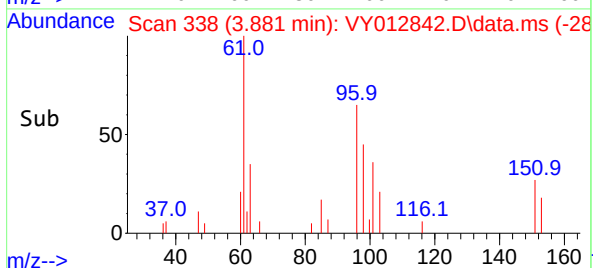
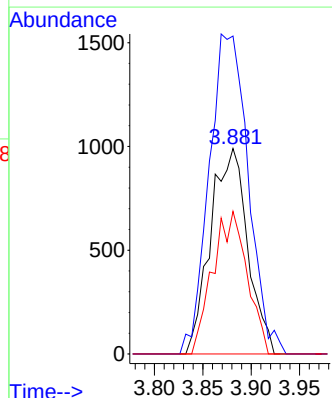
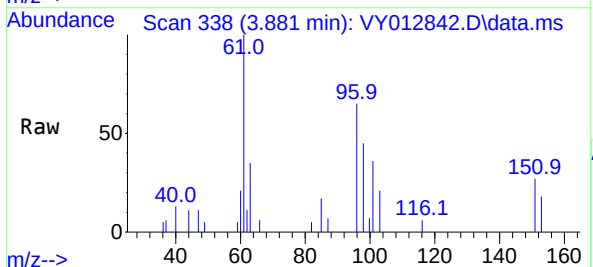
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

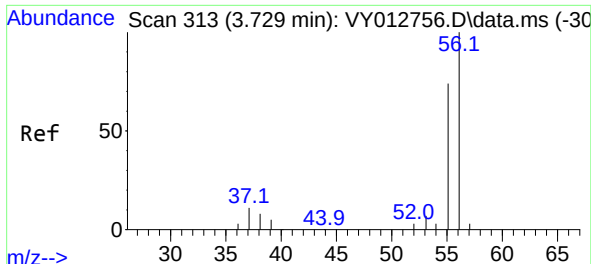
Tgt Ion: 59 Resp: 1130
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 2.856 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 96 Resp: 2640
Ion Ratio Lower Upper
96 100
61 154.7 131.7 197.5
98 69.4 52.0 78.0

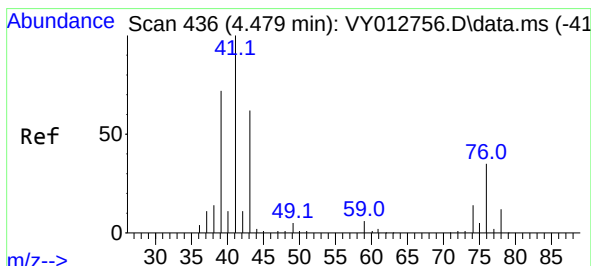
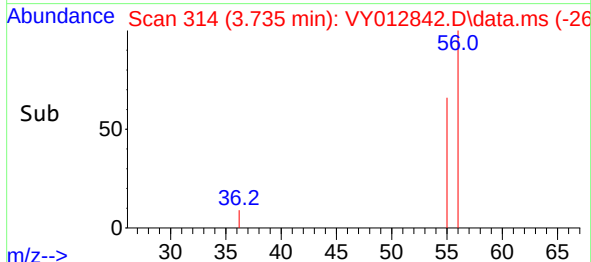
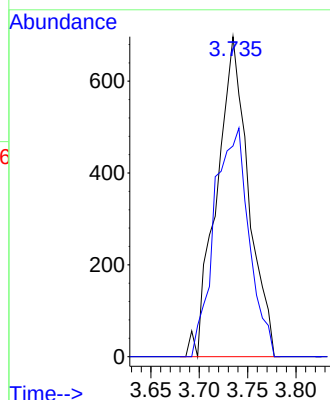
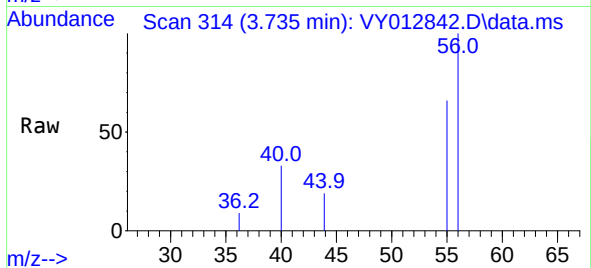




#13
Acrolein
Concen: 10.203 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

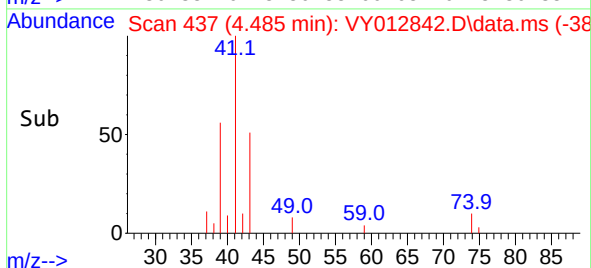
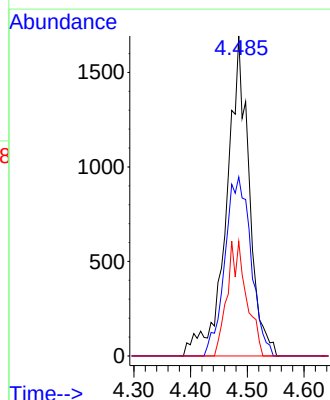
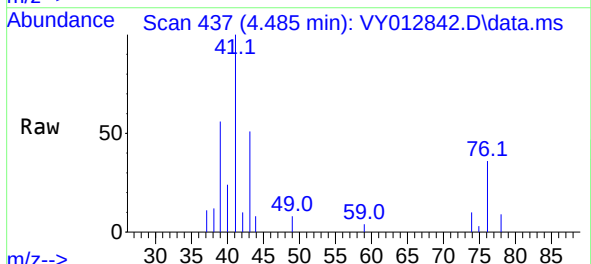
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

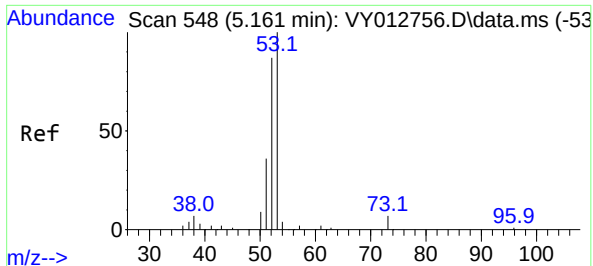
Tgt Ion: 56 Resp: 1593
Ion Ratio Lower Upper
56 100
55 77.9 56.8 85.2



#14
Allyl chloride
Concen: 2.745 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 41 Resp: 4686
Ion Ratio Lower Upper
41 100
39 64.7 53.6 80.4
76 30.7 27.2 40.8

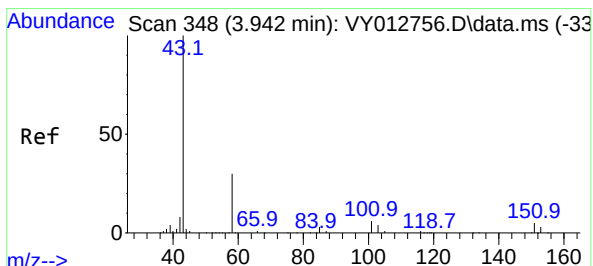
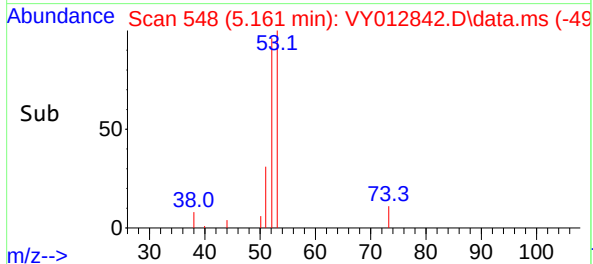
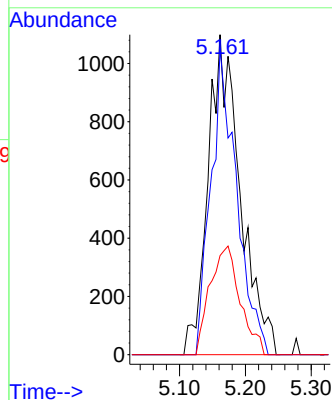
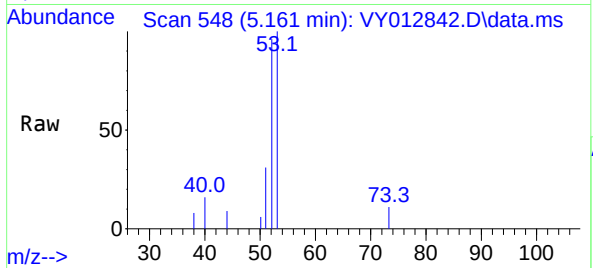




#15
Acrylonitrile
Concen: 12.595 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

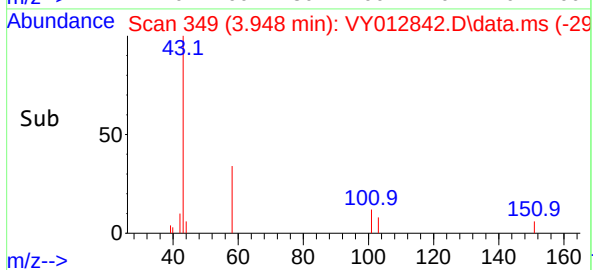
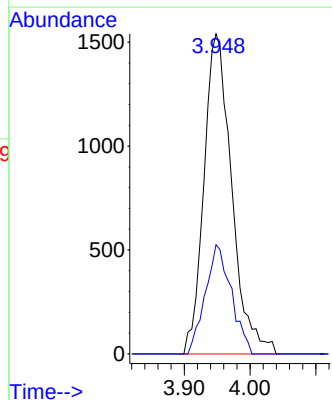
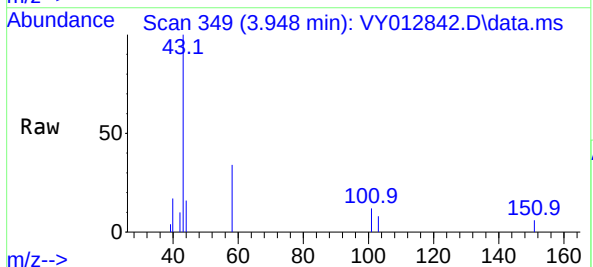
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

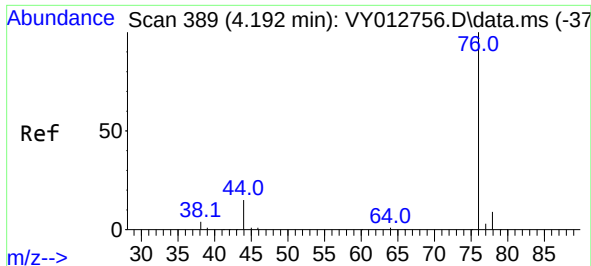
Tgt Ion:	53	Resp:	3746
Ion	Ratio	Lower	Upper
53	100		
52	76.8	66.3	99.5
51	31.7	28.8	43.2



#16
Acetone
Concen: 12.902 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:	43	Resp:	4513
Ion	Ratio	Lower	Upper
43	100		
58	34.2	24.2	36.2

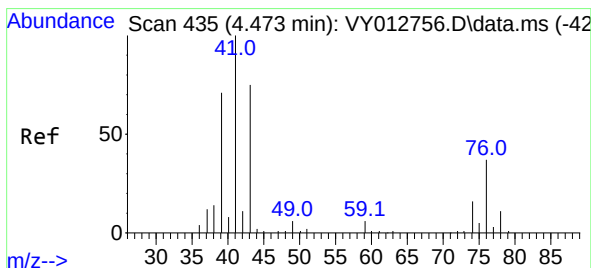
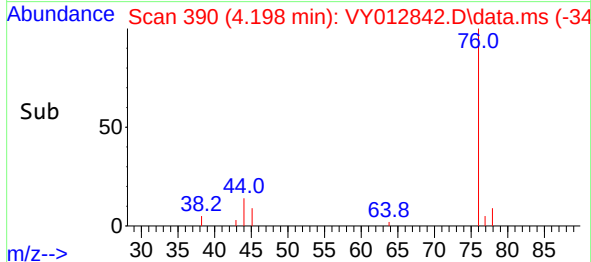
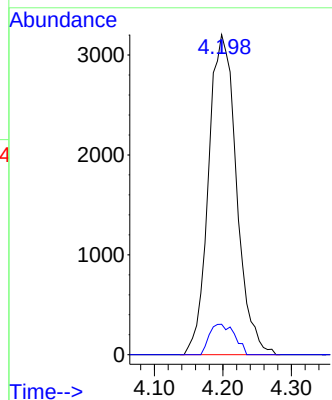
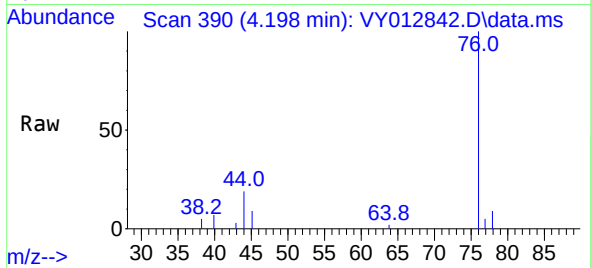




#17
Carbon Disulfide
Concen: 2.889 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

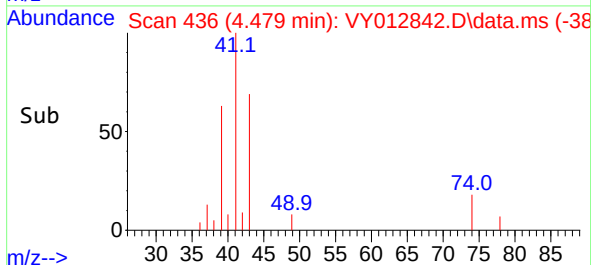
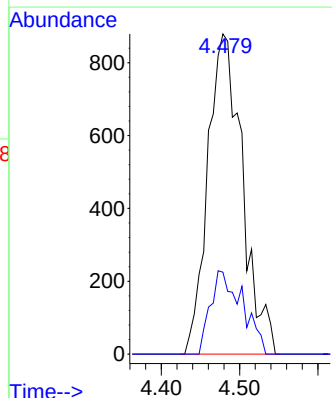
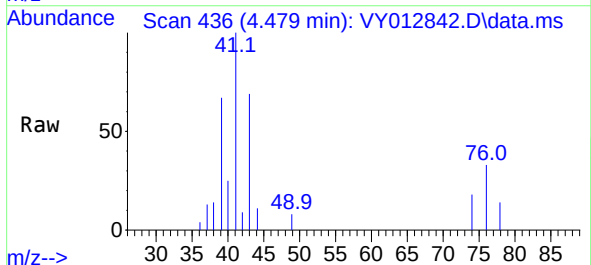
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

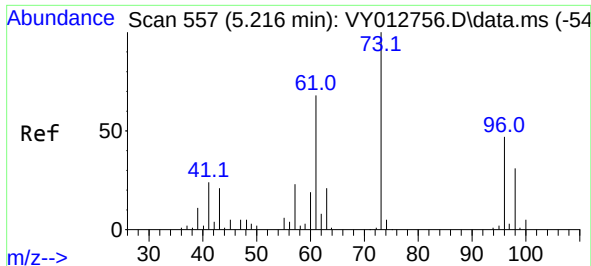
Tgt Ion: 76 Resp: 9089
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 2.583 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 43 Resp: 2691
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 2.515 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

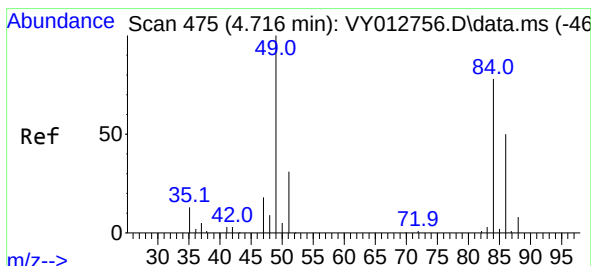
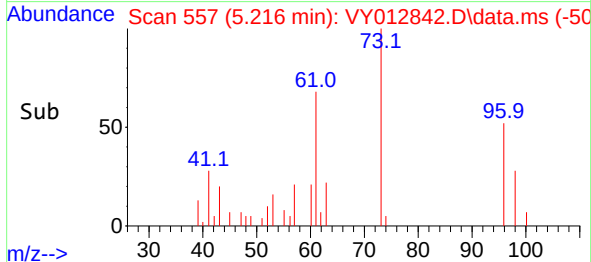
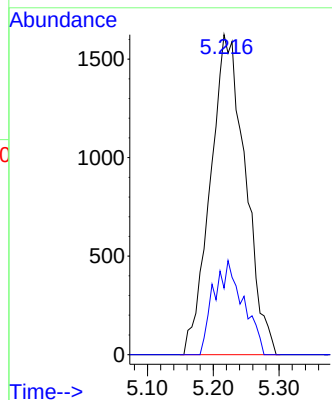
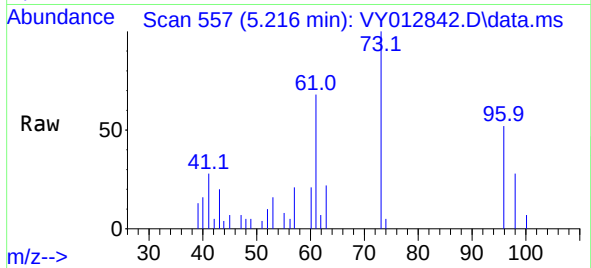
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 73 Resp: 6004

Ion Ratio Lower Upper

73 100

57 20.8 18.3 27.5



#20

Methylene Chloride

Concen: 1.880 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion: 84 Resp: 7526

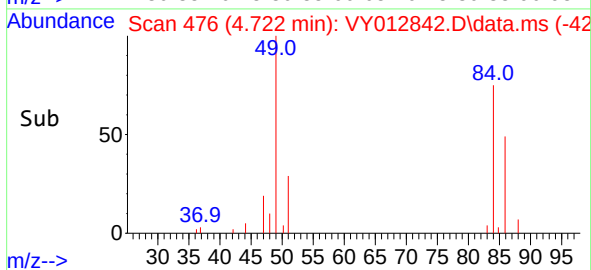
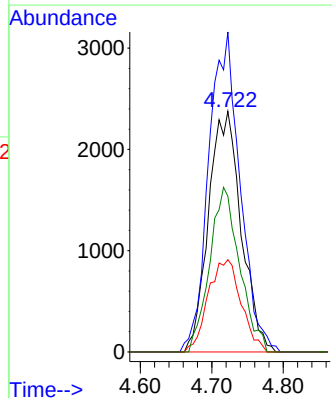
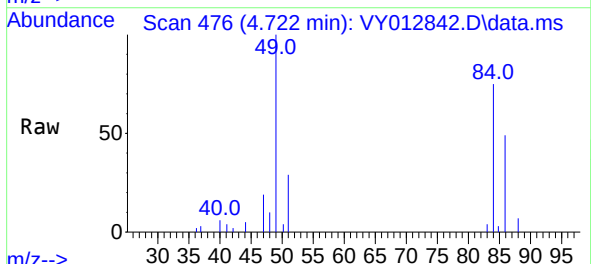
Ion Ratio Lower Upper

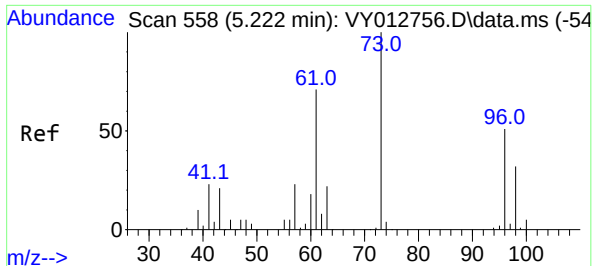
84 100

49 133.0 102.6 154.0

51 38.4 31.9 47.9

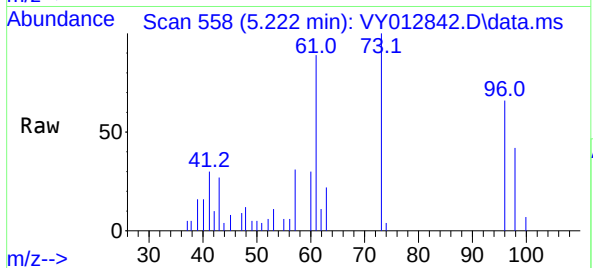
86 64.7 51.0 76.6



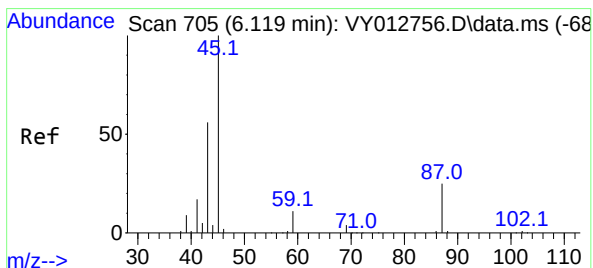
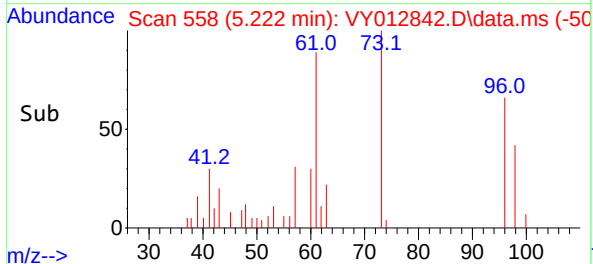
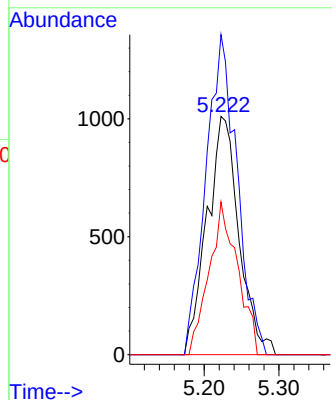


#21
trans-1,2-Dichloroethene
Concen: 2.993 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

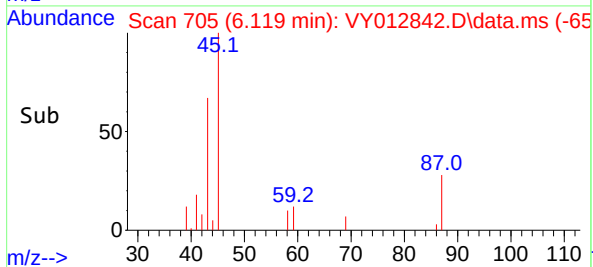
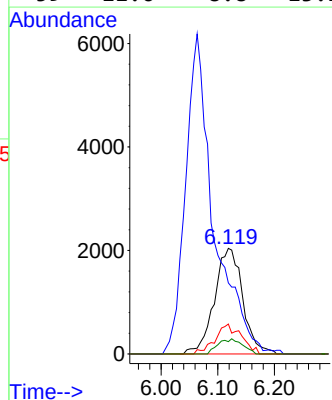
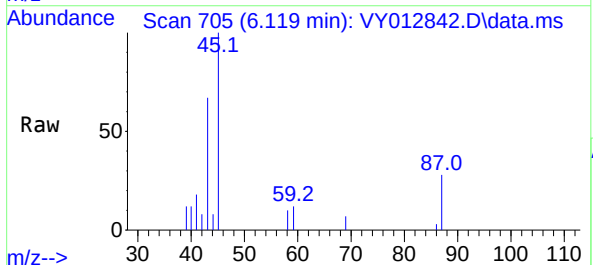


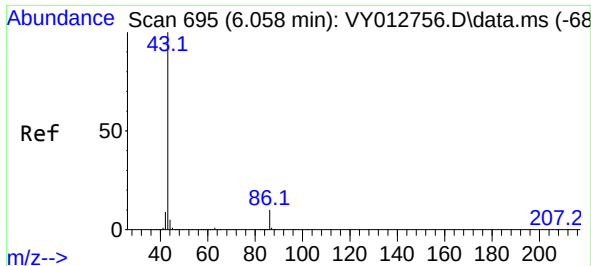
Tgt Ion: 96 Resp: 3006
Ion Ratio Lower Upper
96 100
61 134.4 111.4 167.0
98 64.1 50.8 76.2



#22
Diisopropyl ether
Concen: 2.286 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 45 Resp: 7089
Ion Ratio Lower Upper
45 100
43 63.8 45.0 67.6
87 28.3 20.3 30.5
59 11.6 8.8 13.2

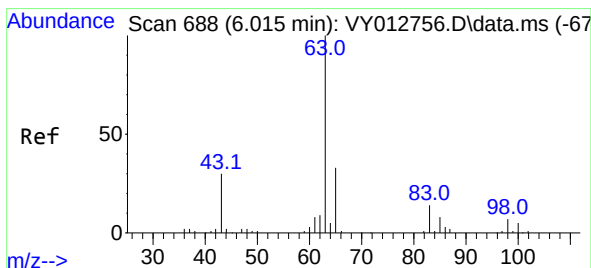
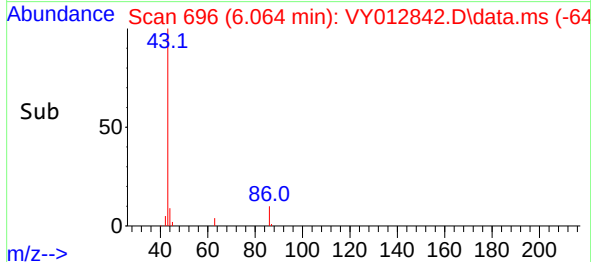
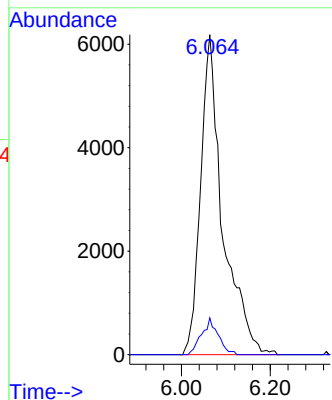
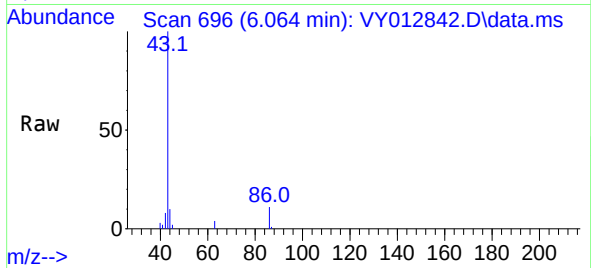




#23
 Vinyl Acetate
 Concen: 11.104 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

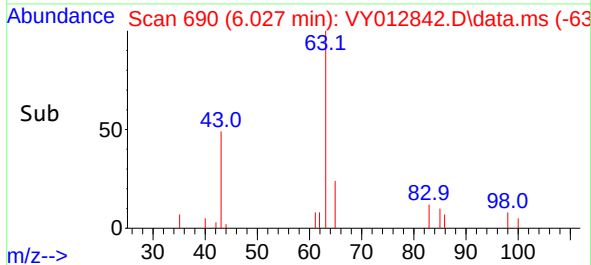
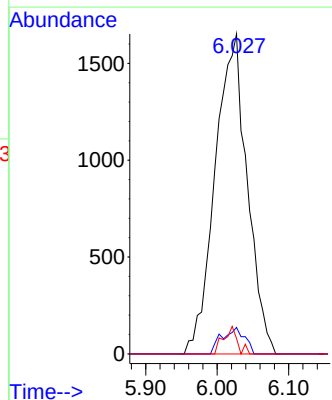
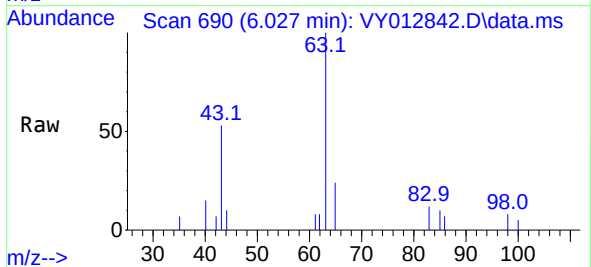
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

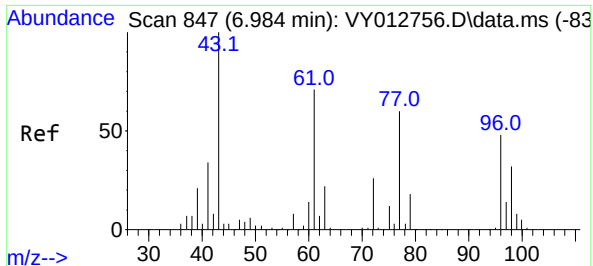
Tgt Ion: 43 Resp: 21396
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 2.914 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

Tgt Ion: 63 Resp: 5149
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.7 11.1
 100 4.8 2.3 6.8

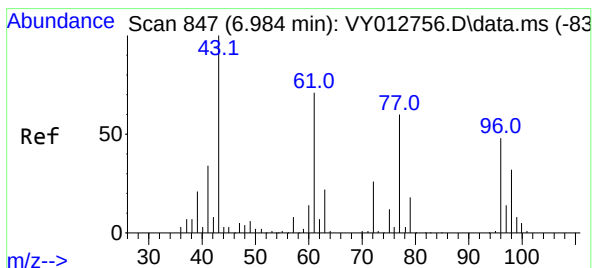
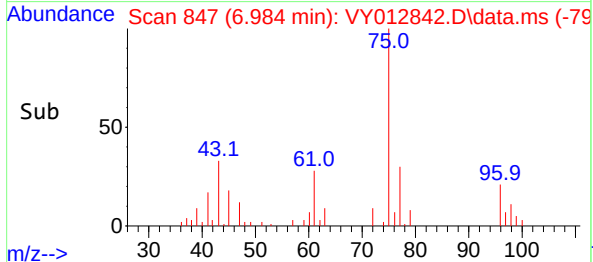
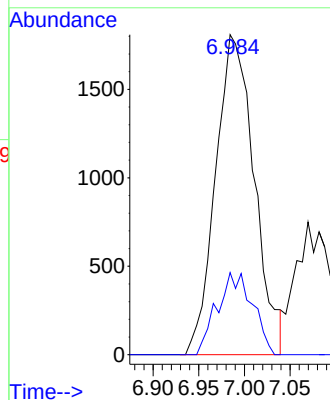
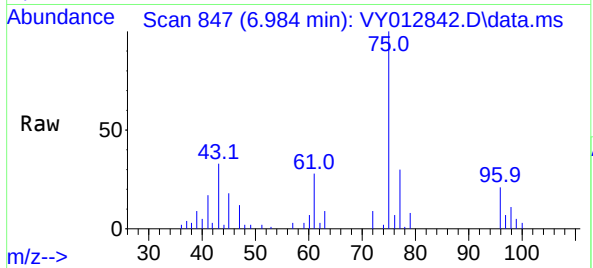




#25
2-Butanone
Concen: 12.291 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

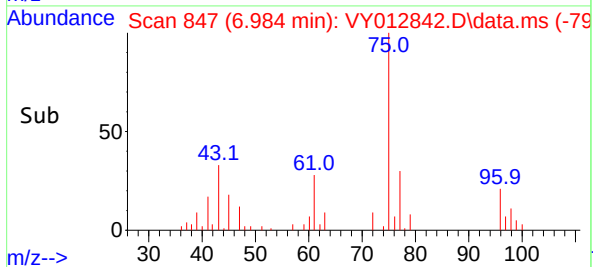
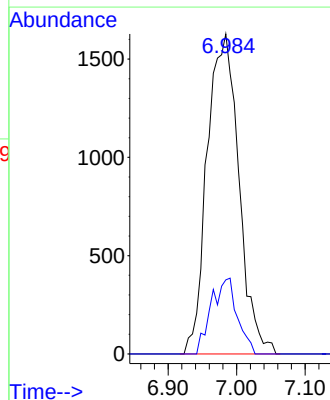
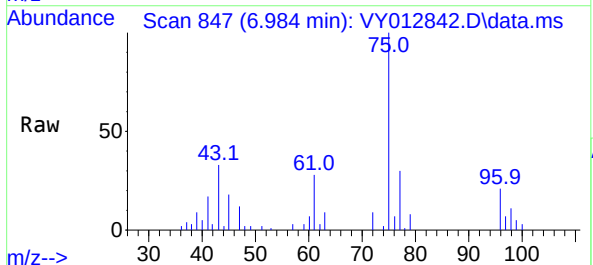
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

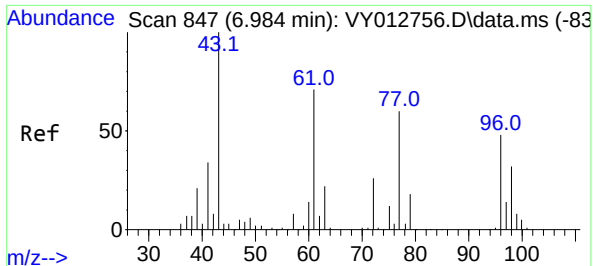
Tgt Ion: 43 Resp: 5325
Ion Ratio Lower Upper
43 100
72 25.6 21.0 31.4



#26
2,2-Dichloropropane
Concen: 3.333 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 77 Resp: 5231
Ion Ratio Lower Upper
77 100
97 19.3 11.7 35.0

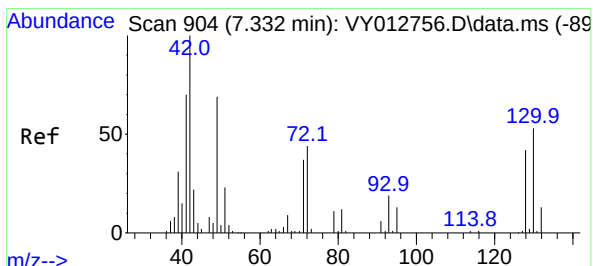
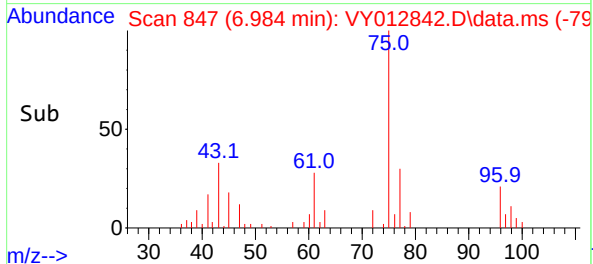
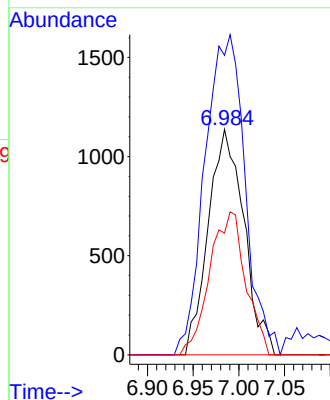
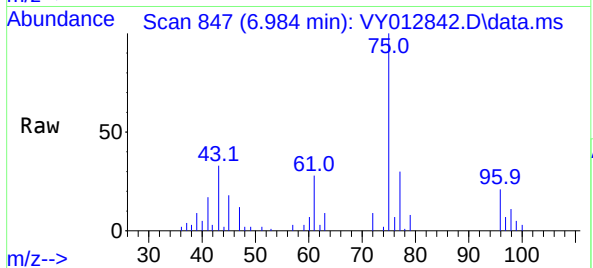




#27
cis-1,2-Dichloroethene
Concen: 2.867 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

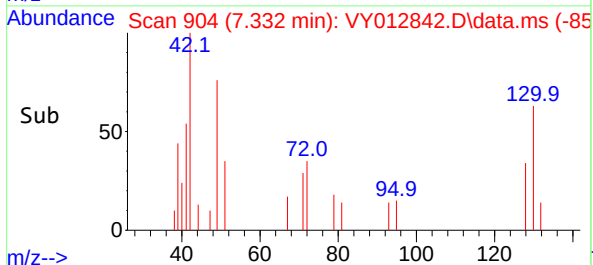
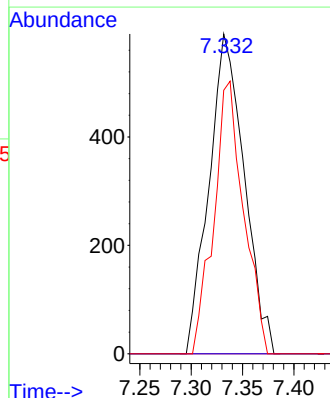
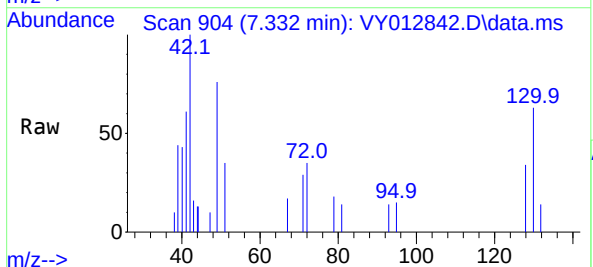
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

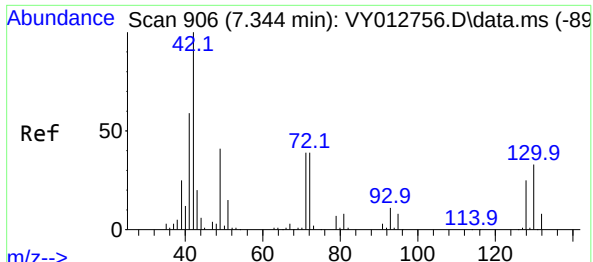
Tgt Ion: 96 Resp: 3087
Ion Ratio Lower Upper
96 100
61 159.1 0.0 295.8
98 63.9 0.0 130.2



#28
Bromochloromethane
Concen: 2.179 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 49 Resp: 1407
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 72.0 60.5 90.7

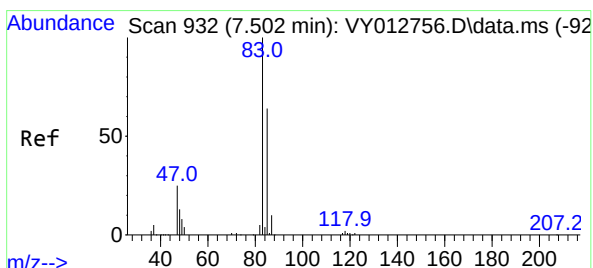
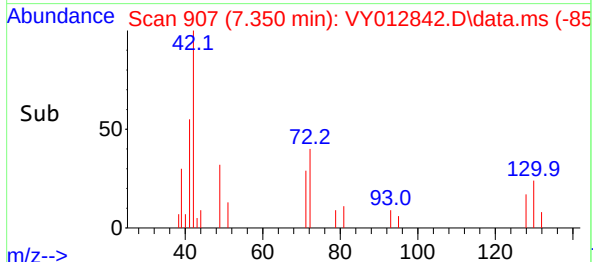
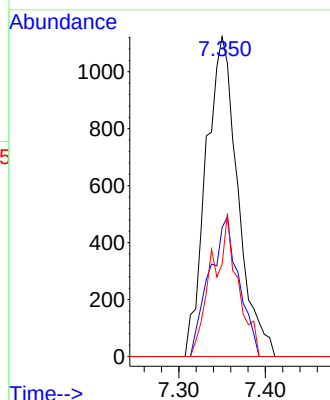
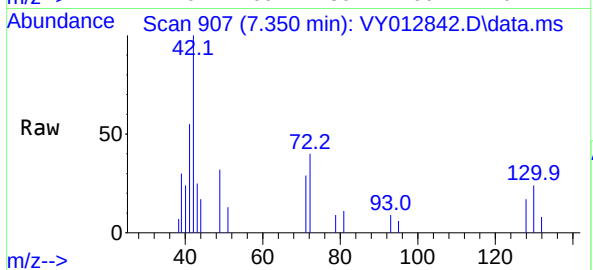




#29
Tetrahydrofuran
Concen: 10.980 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

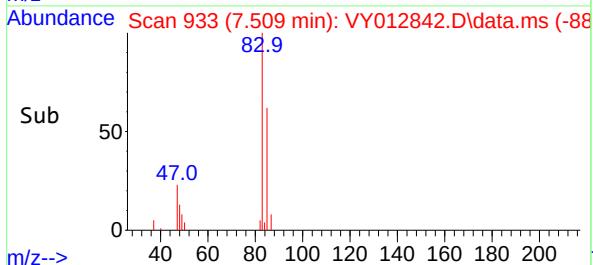
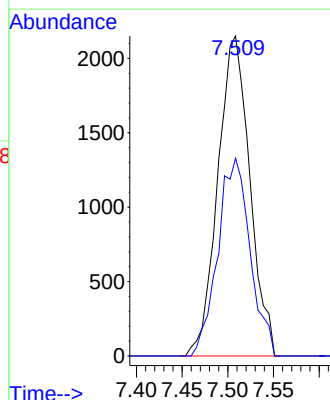
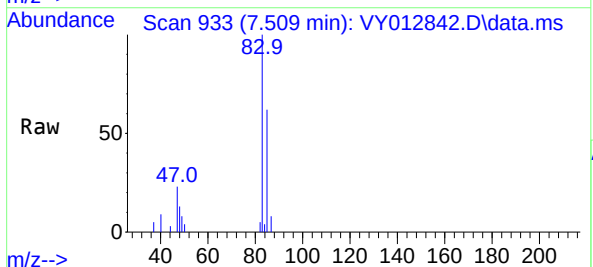
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

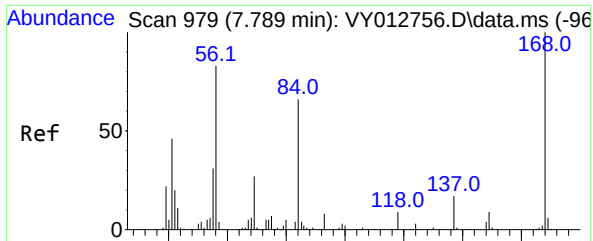
Tgt Ion:	42	Resp:	2869
Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.3	48.5
71	36.2	30.3	45.5



#30
Chloroform
Concen: 3.002 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

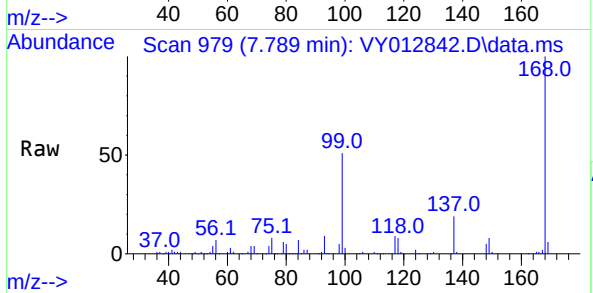
Tgt Ion:	83	Resp:	5240
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.4	77.0



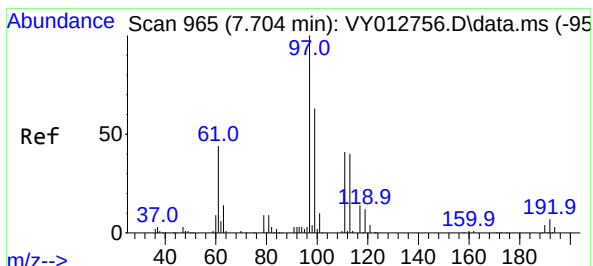
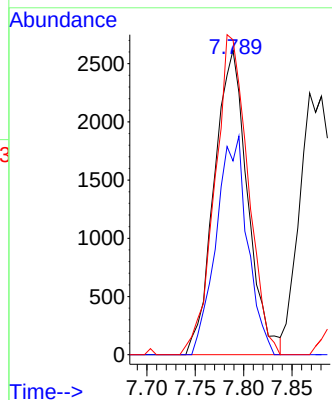
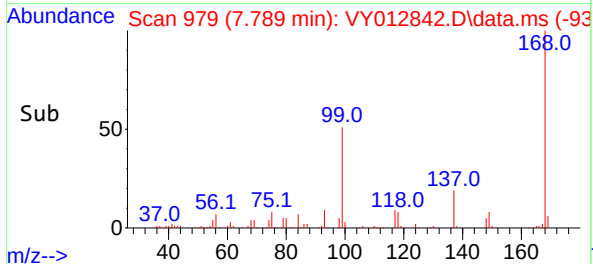


#31
Cyclohexane
Concen: 3.680 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

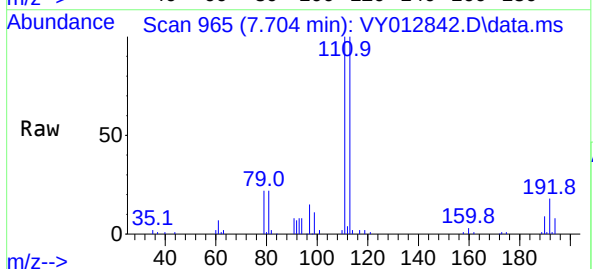
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



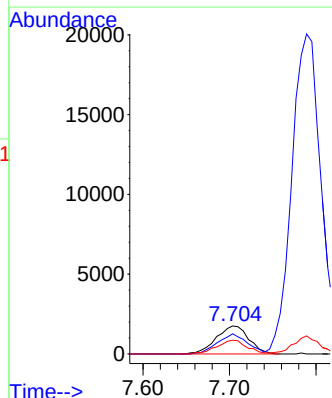
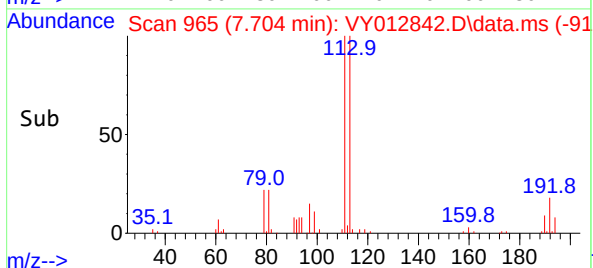
Tgt Ion: 56 Resp: 6281
Ion Ratio Lower Upper
56 100
69 63.6 25.7 38.5#
84 103.4 64.3 96.5#

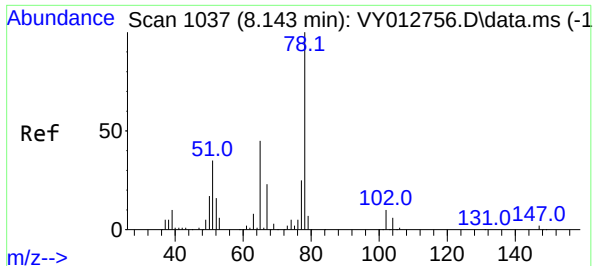


#32
1,1,1-Trichloroethane
Concen: 2.890 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



Tgt Ion: 97 Resp: 4561
Ion Ratio Lower Upper
97 100
99 66.1 51.0 76.6
61 45.9 34.5 51.7

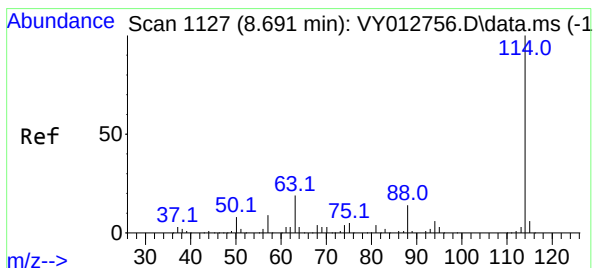
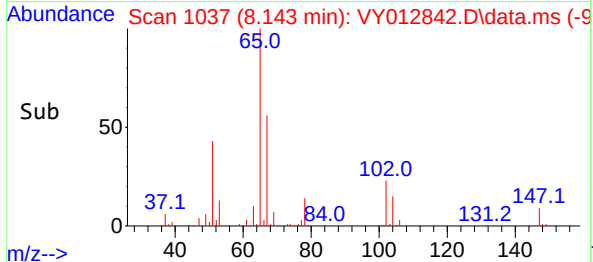
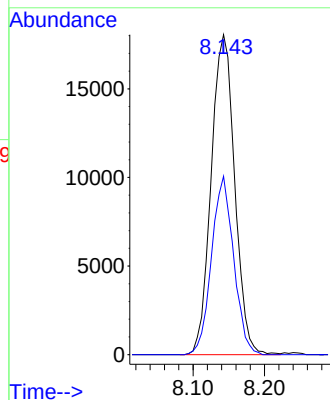
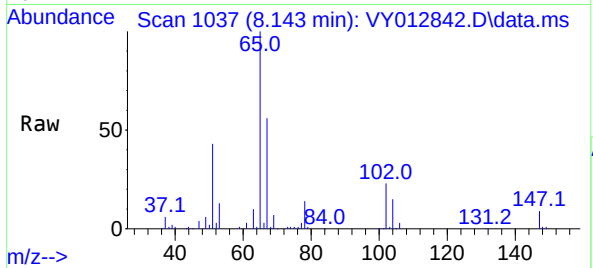




#33
1,2-Dichloroethane-d4
Concen: 46.296 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

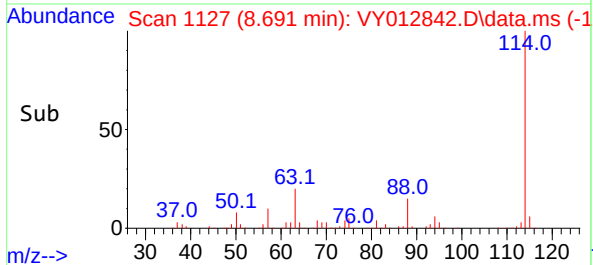
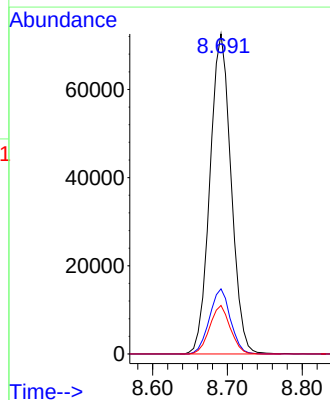
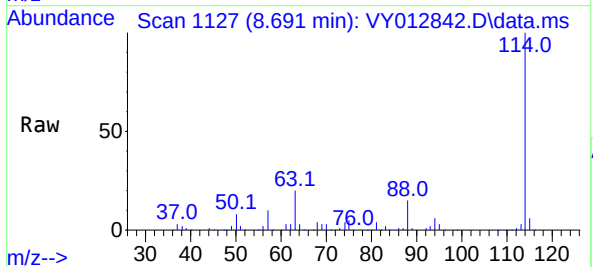
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

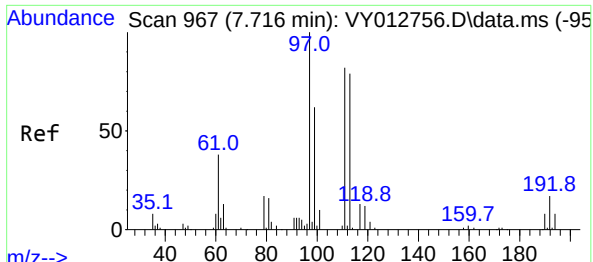
Tgt Ion: 65 Resp: 41258
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

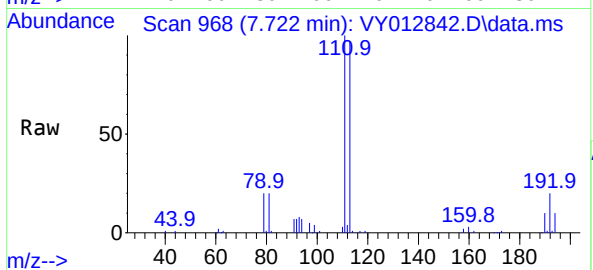
Tgt Ion: 114 Resp: 142723
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.2 0.0 28.6



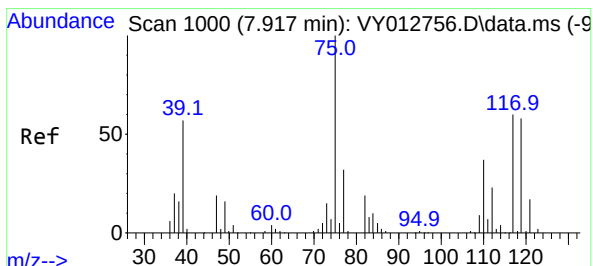
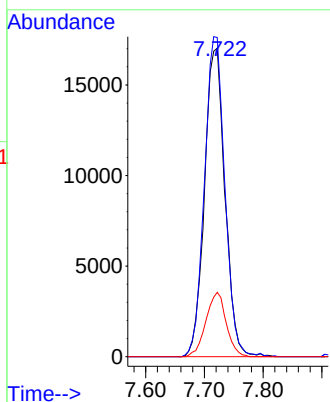
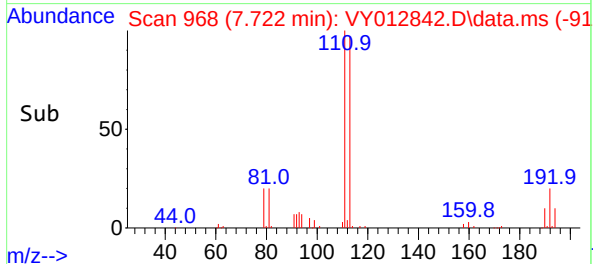


#35
Dibromofluoromethane
Concen: 47.832 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

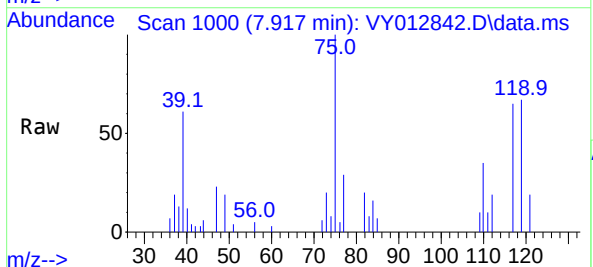
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



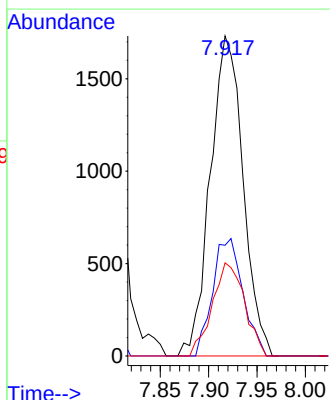
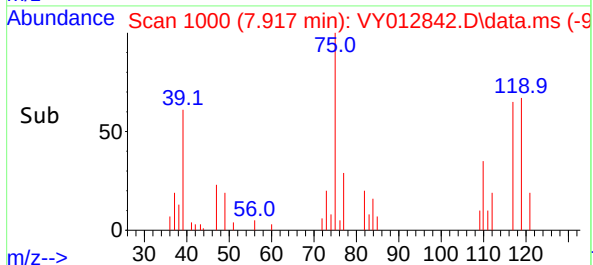
Tgt Ion:113 Resp: 41199
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.6 16.8 25.2

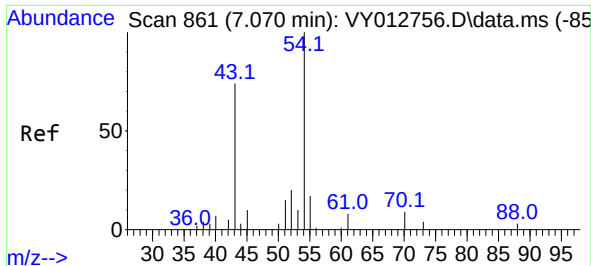


#36
1,1-Dichloropropene
Concen: 2.827 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



Tgt Ion: 75 Resp: 4080
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.3
77 28.6 25.0 37.4





#37

Ethyl Acetate

Concen: 2.307 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

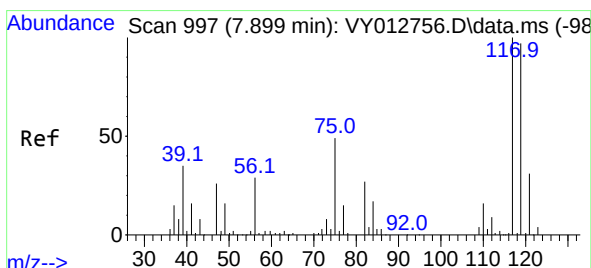
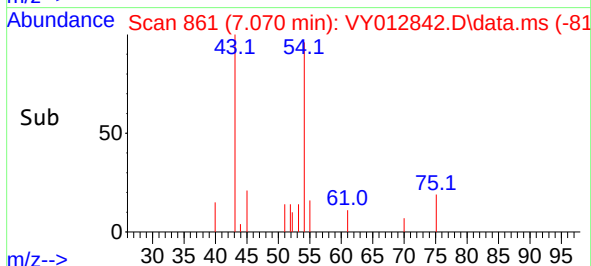
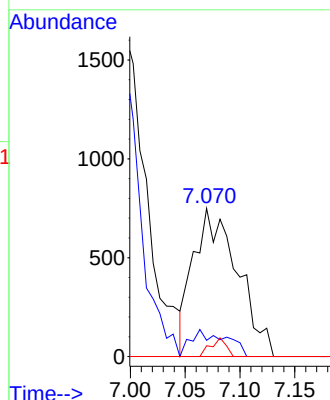
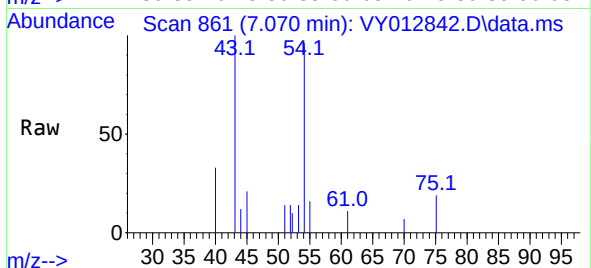
Tgt Ion: 43 Resp: 2099

Ion Ratio Lower Upper

43 100

61 14.4 10.7 16.1

70 4.4 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 3.075 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

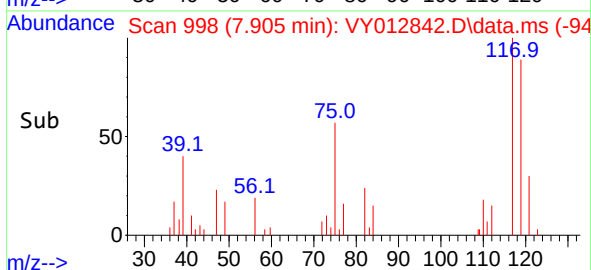
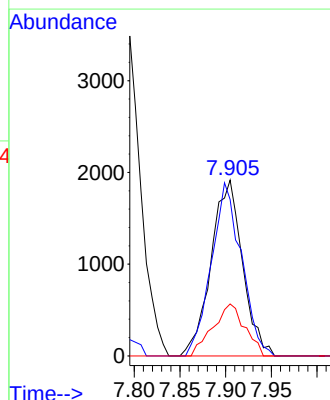
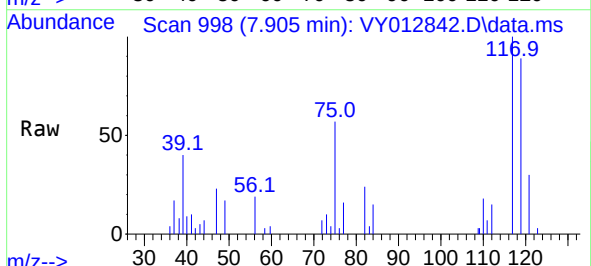
Tgt Ion: 117 Resp: 4584

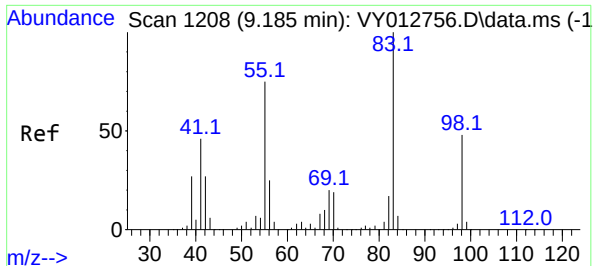
Ion Ratio Lower Upper

117 100

119 89.0 77.2 115.8

121 29.5 24.7 37.1





#39

Methylcyclohexane

Concen: 2.630 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

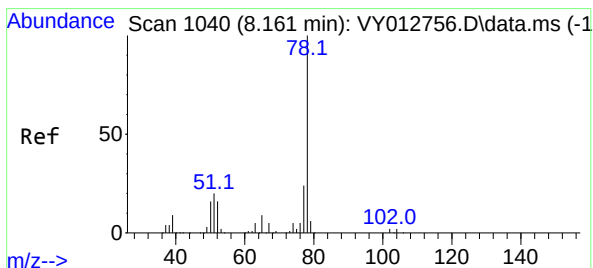
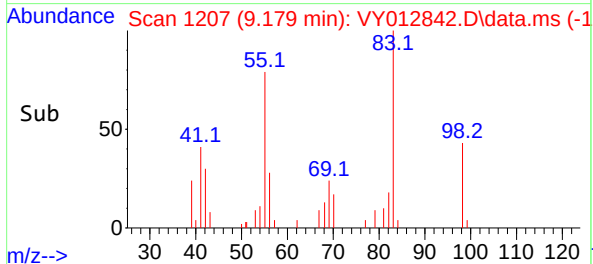
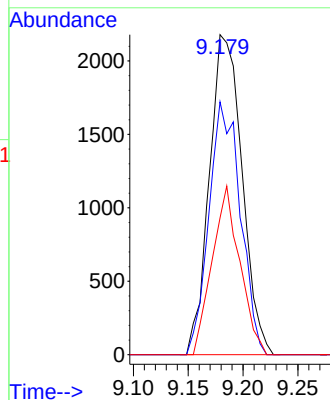
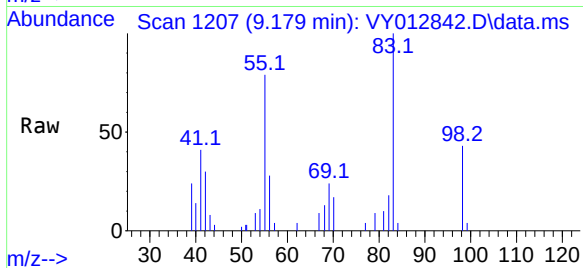
Tgt Ion: 83 Resp: 4514

Ion Ratio Lower Upper

83 100

55 79.0 60.0 90.0

98 42.8 38.3 57.5



#40

Benzene

Concen: 2.745 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012842.D

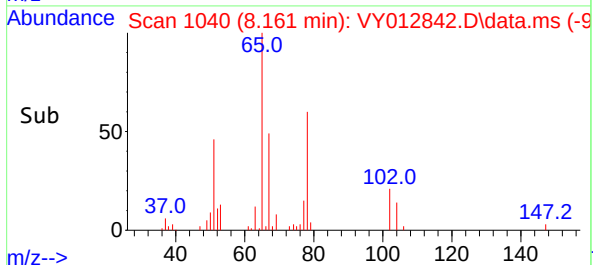
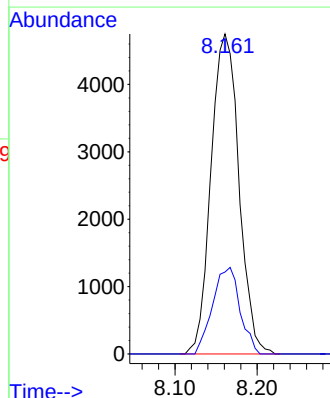
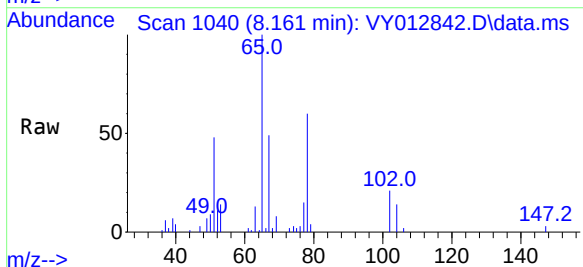
Acq: 07 Mar 2023 14:12

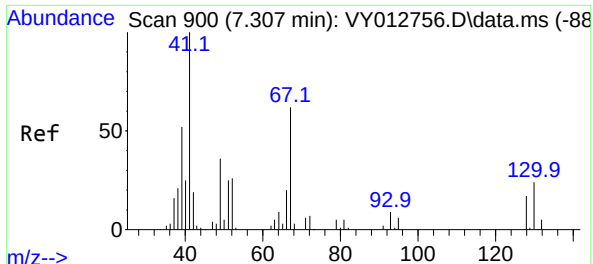
Tgt Ion: 78 Resp: 11207

Ion Ratio Lower Upper

78 100

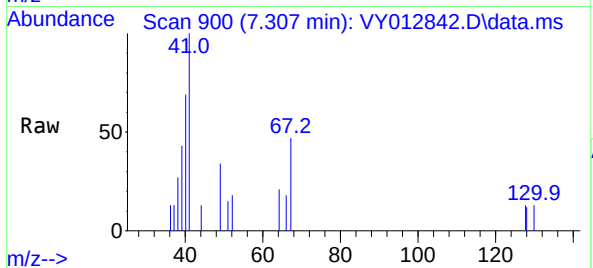
77 25.6 19.4 29.0



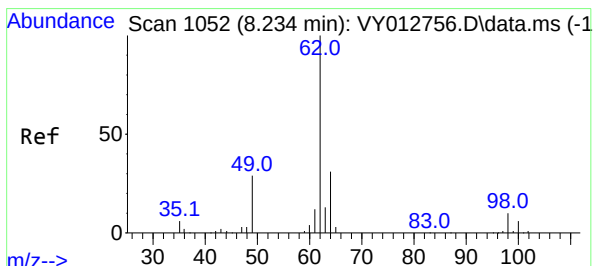
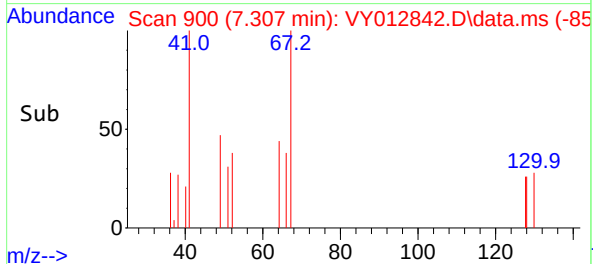
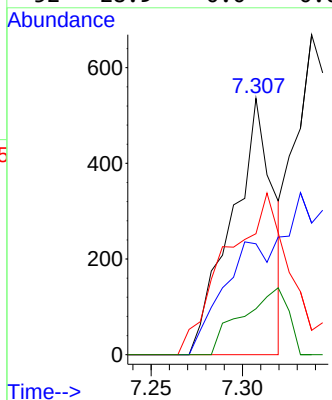


#41
Methacrylonitrile
Concen: 1.730 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

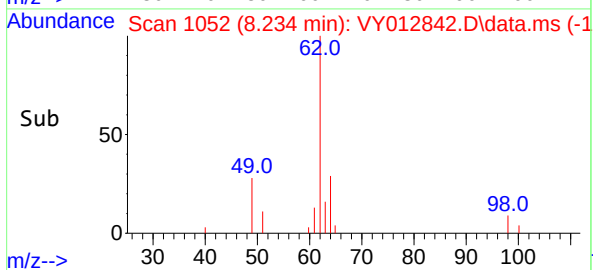
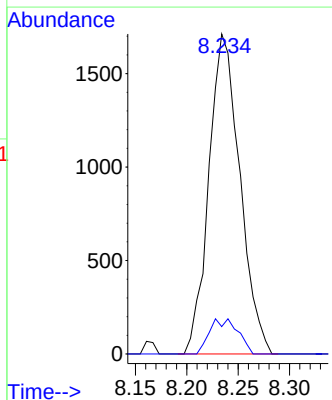
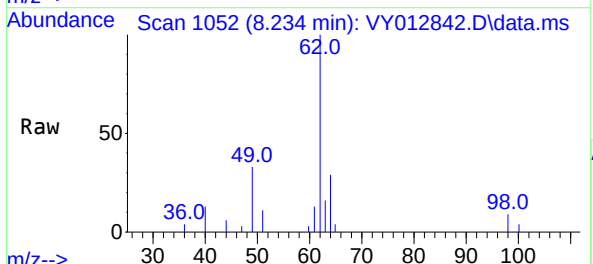


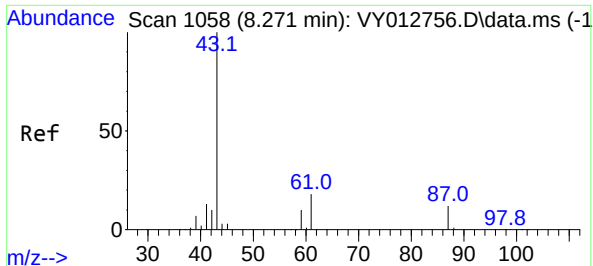
Tgt Ion:	41	Resp:	848
Ion	Ratio	Lower	Upper
41	100		
39	48.0	0.0	0.0#
67	96.6	0.0	0.0#
52	28.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 2.929 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:	62	Resp:	3596
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.8





#43

Isopropyl Acetate

Concen: 2.167 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

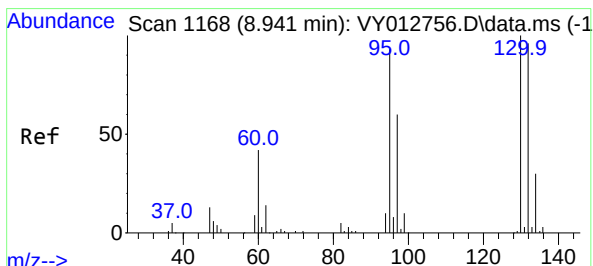
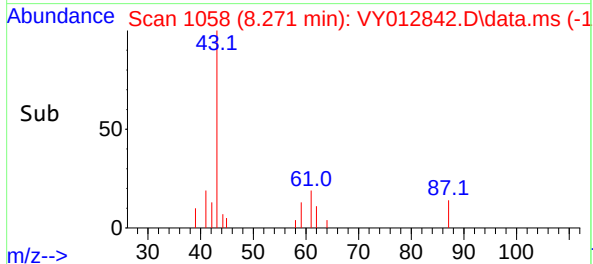
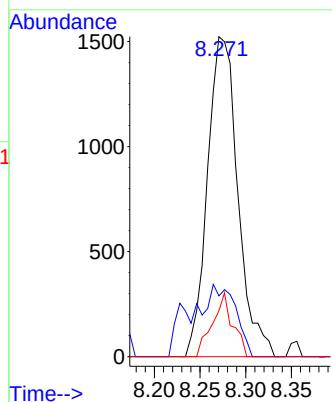
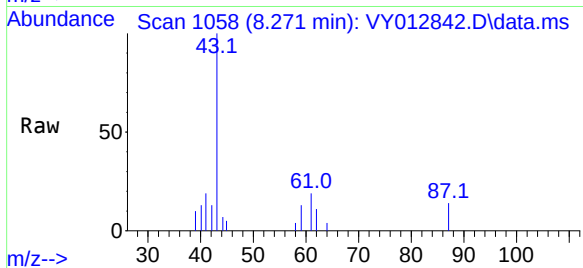
Tgt Ion: 43 Resp: 3518

Ion Ratio Lower Upper

43 100

61 20.1 21.6 32.4#

87 13.3 9.9 14.9



#44

Trichloroethene

Concen: 2.739 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012842.D

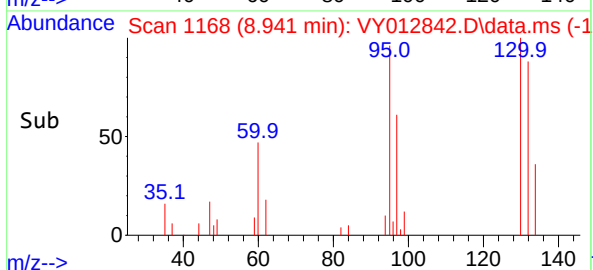
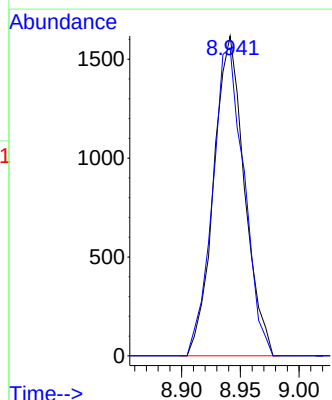
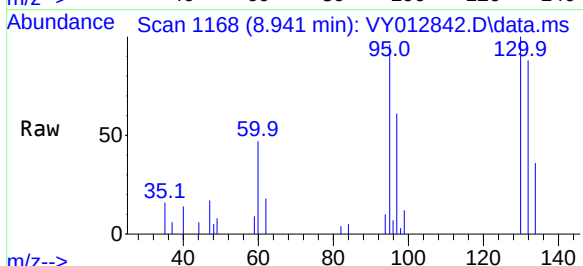
Acq: 07 Mar 2023 14:12

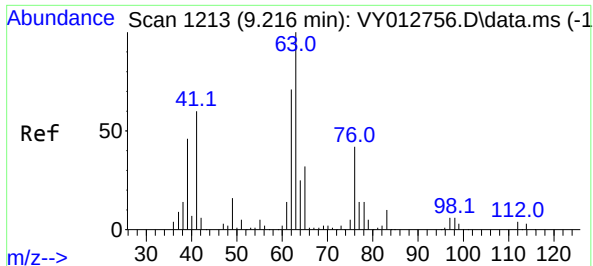
Tgt Ion:130 Resp: 2948

Ion Ratio Lower Upper

130 100

95 96.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 2.714 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

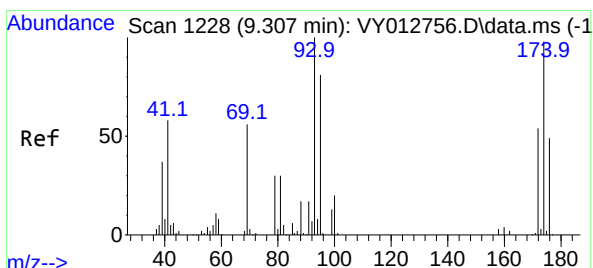
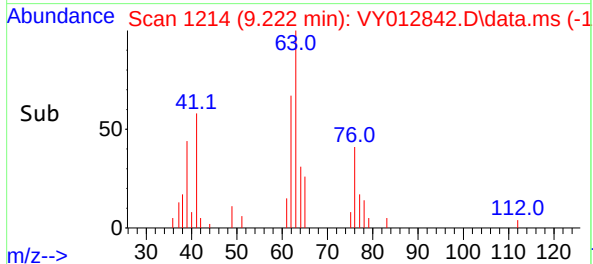
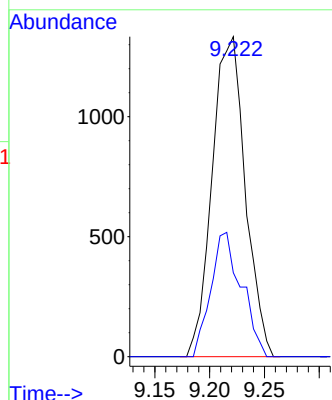
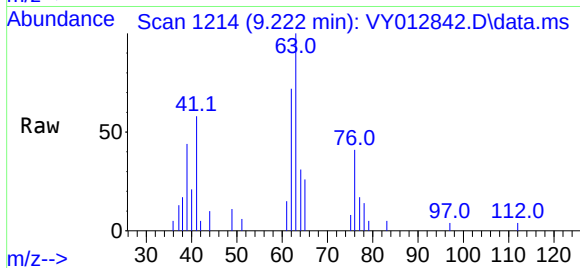
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 63 Resp: 2801

Ion Ratio Lower Upper

63 100

65 26.3 25.7 38.5



#46

Dibromomethane

Concen: 2.875 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

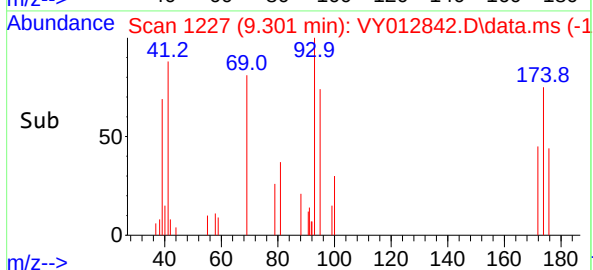
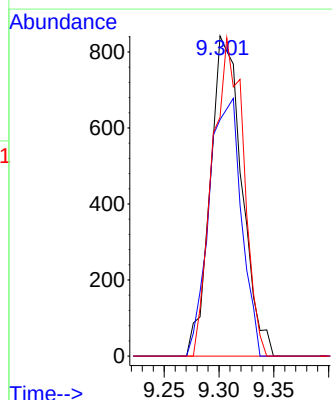
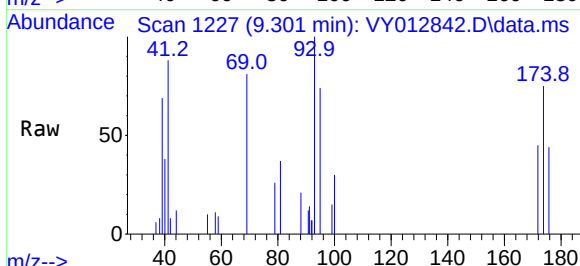
Tgt Ion: 93 Resp: 1690

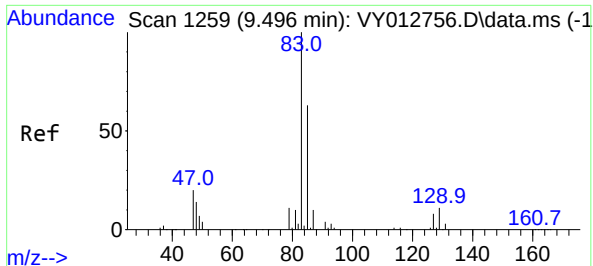
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 97.9 81.3 121.9

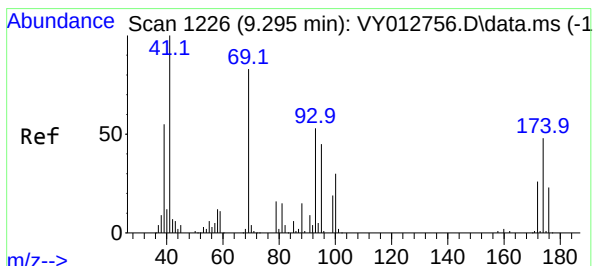
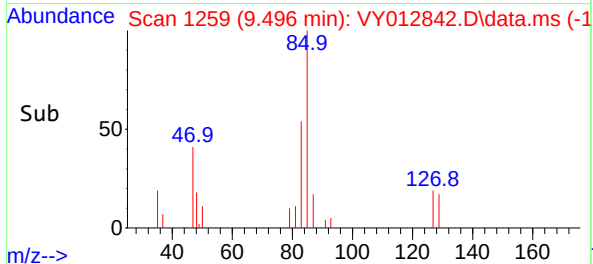
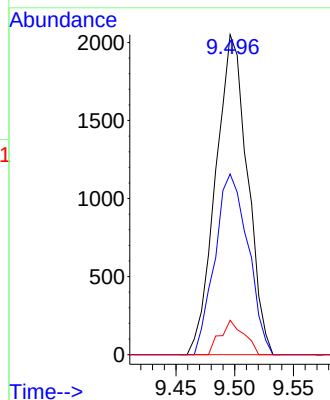
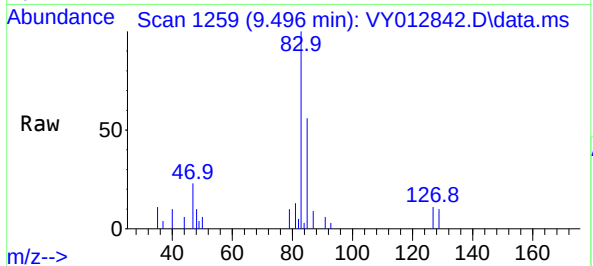




#47
Bromodichloromethane
Concen: 2.785 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

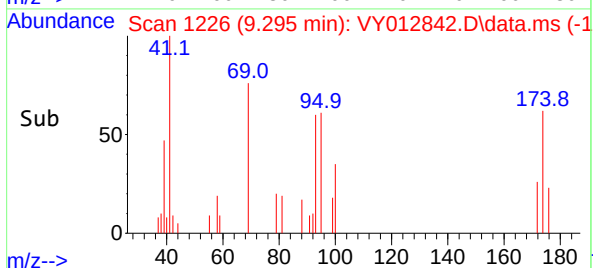
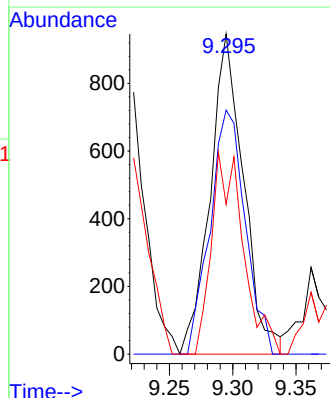
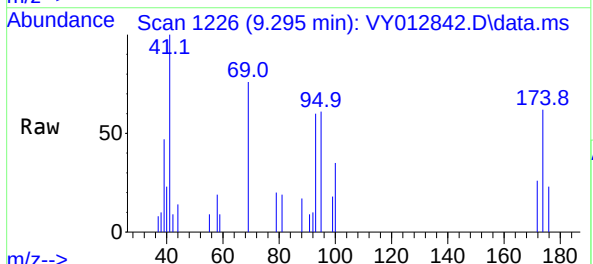
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

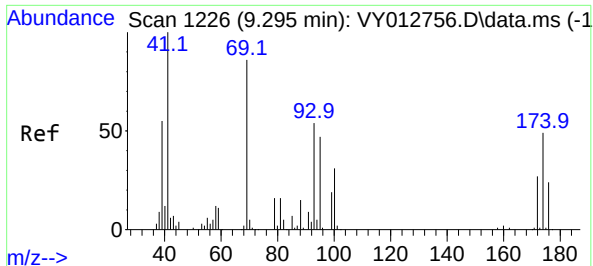
Tgt Ion: 83	Resp: 3858		
Ion Ratio	Lower	Upper	
83	100		
85	56.4	50.2	75.4
127	10.7	6.3	9.5#



#48
Methyl methacrylate
Concen: 2.320 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 41	Resp: 1735
Ion Ratio	Lower Upper
41 100	
69 80.3	64.1 96.1
39 59.9	44.0 66.0

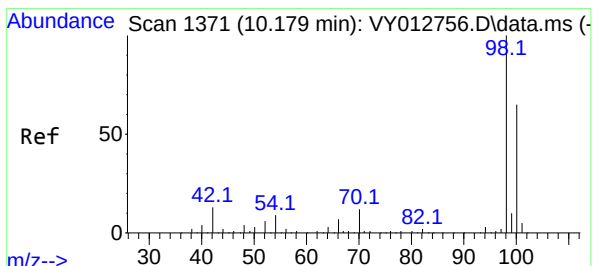
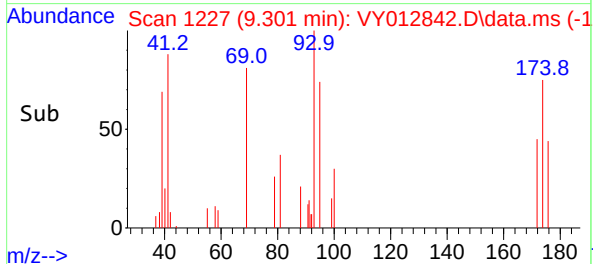
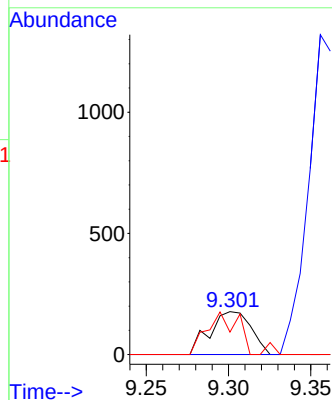
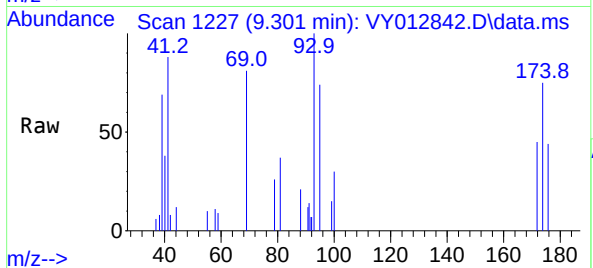




#49
1,4-Dioxane
Concen: 40.660 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

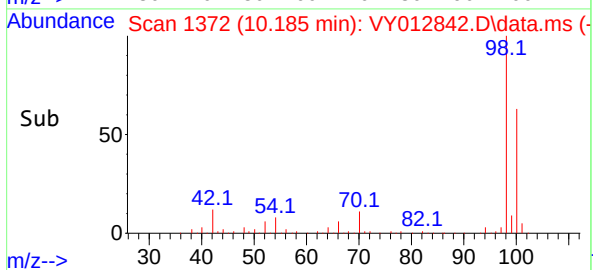
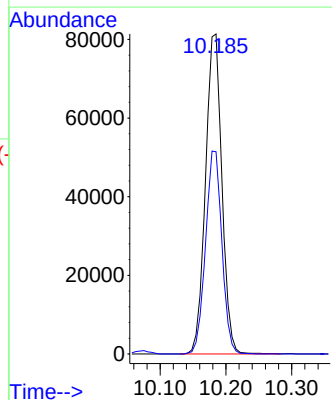
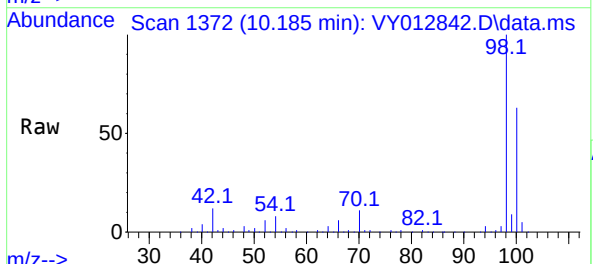
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

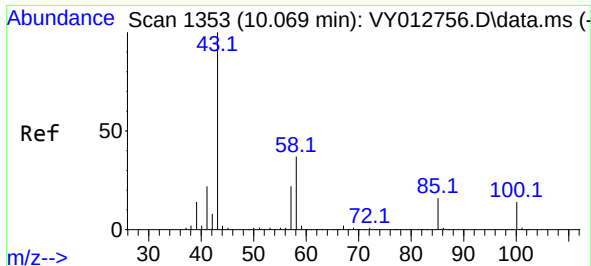
Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 74.4 55.2 82.8



#50
Toluene-d8
Concen: 44.896 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 98 Resp: 141370
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

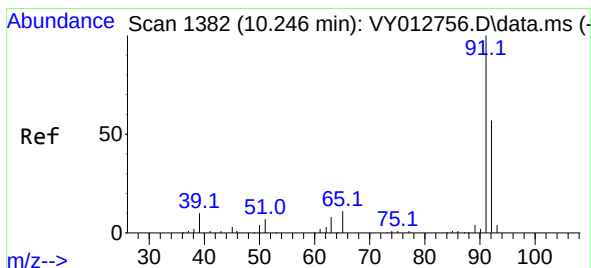
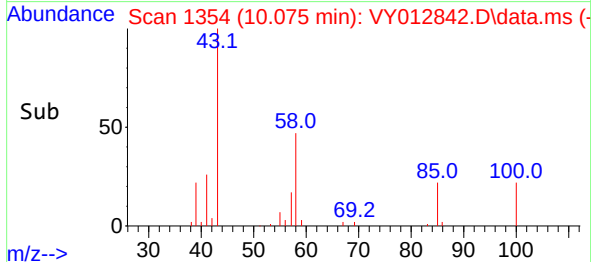
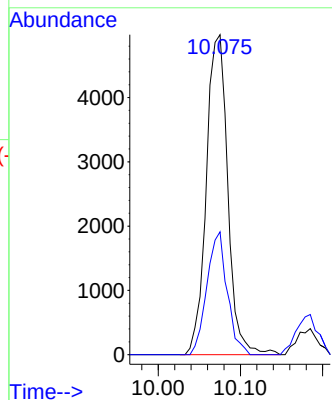
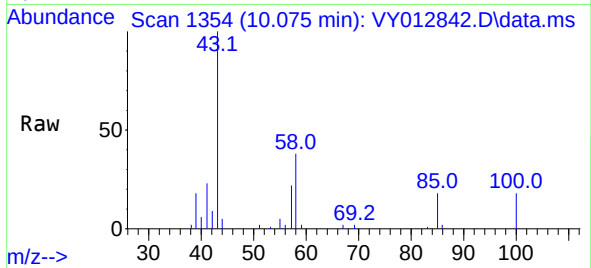




#51
4-Methyl-2-Pentanone
Concen: 10.262 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

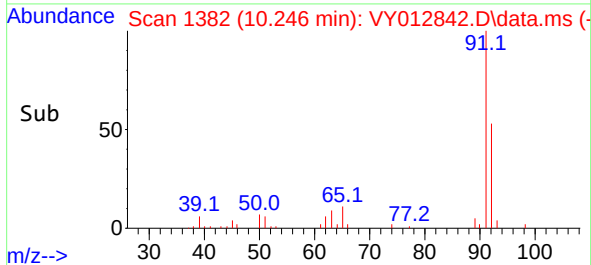
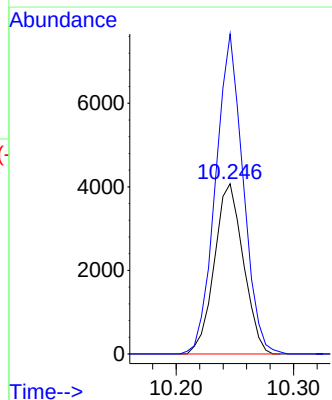
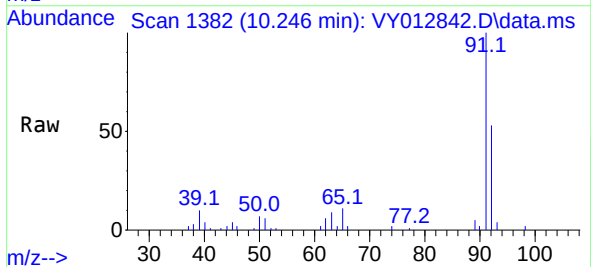
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

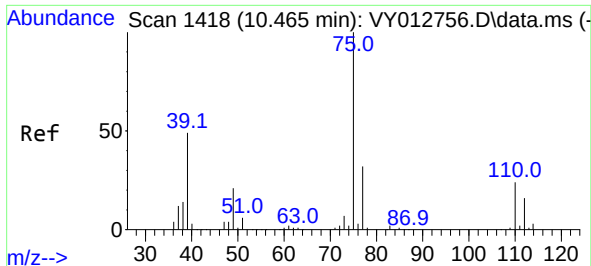
Tgt Ion: 43 Resp: 9035
Ion Ratio Lower Upper
43 100
58 36.3 29.8 44.6



#52
Toluene
Concen: 2.831 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 92 Resp: 6971
Ion Ratio Lower Upper
92 100
91 179.2 141.3 211.9

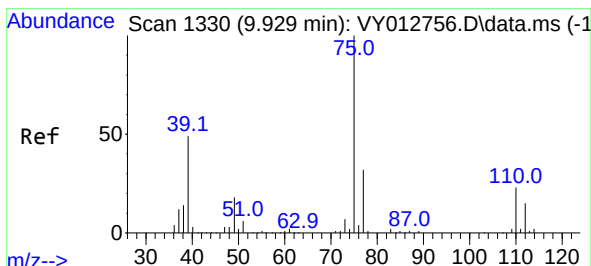
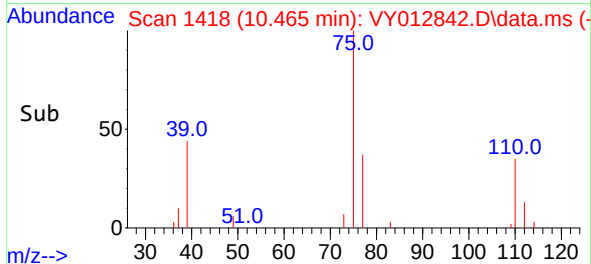
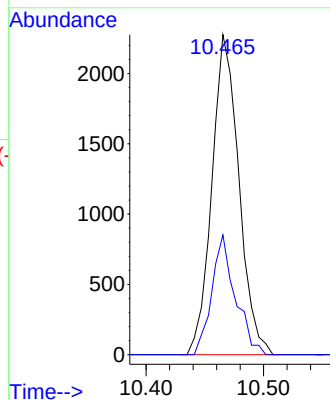
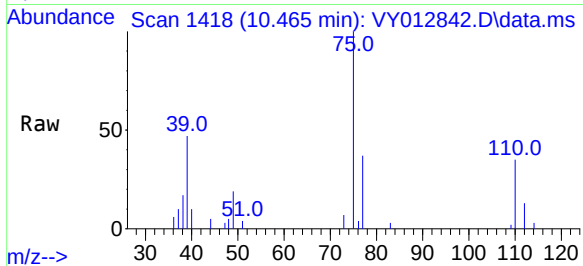




#53
t-1,3-Dichloropropene
Concen: 2.500 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

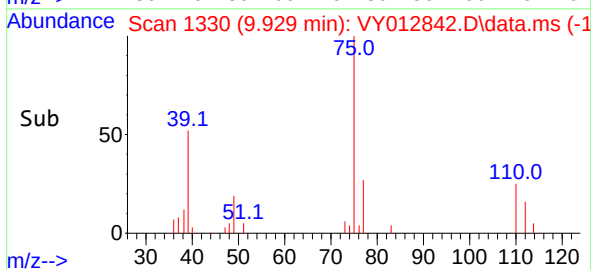
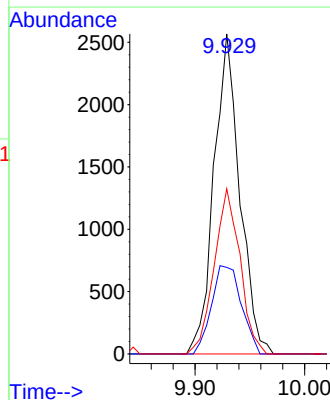
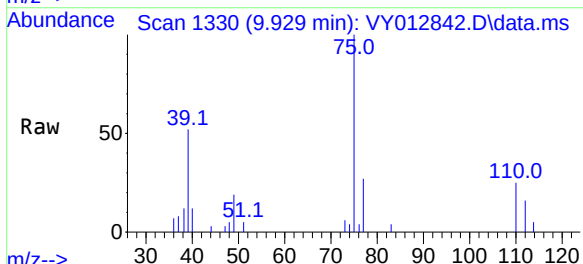
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

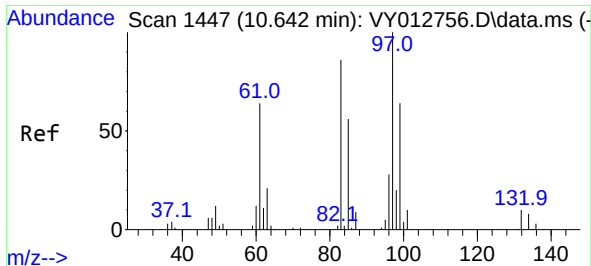
Tgt Ion: 75 Resp: 3633
Ion Ratio Lower Upper
75 100
77 37.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 2.552 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 75 Resp: 4197
Ion Ratio Lower Upper
75 100
77 27.1 25.4 38.0
39 51.6 39.0 58.4

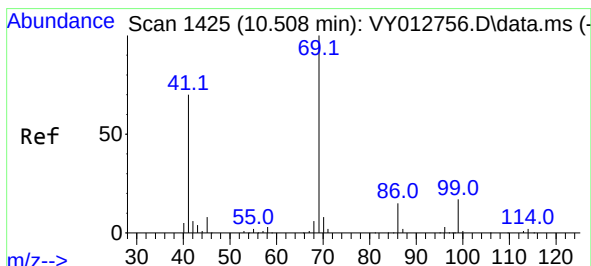
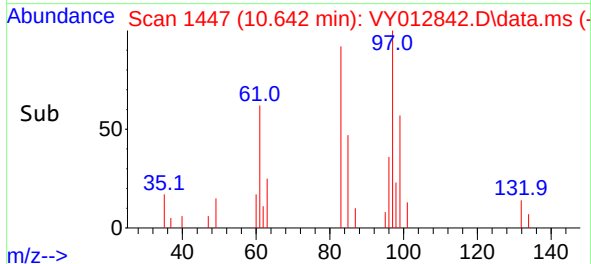
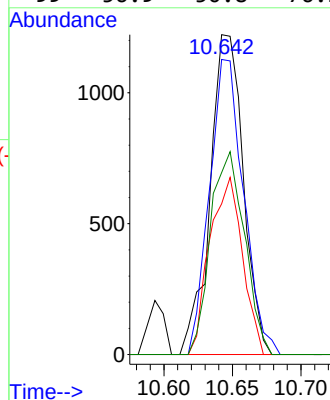
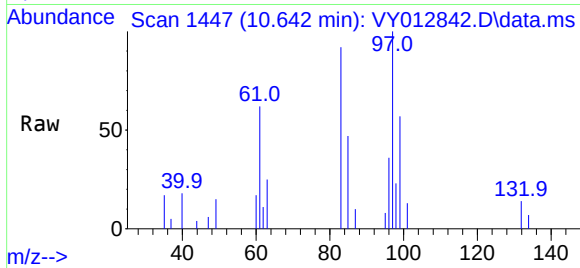




#55
1,1,2-Trichloroethane
Concen: 2.519 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

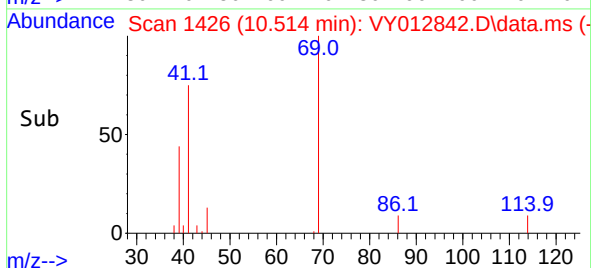
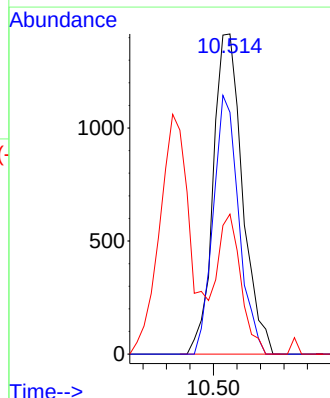
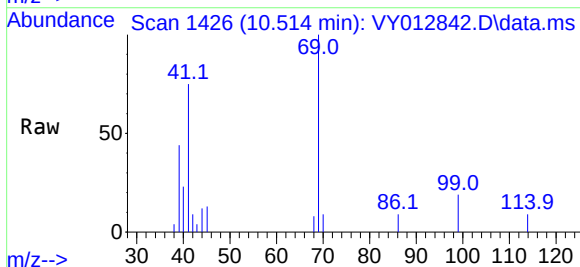
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

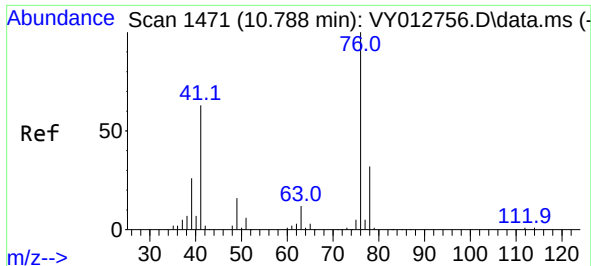
Tgt Ion: 97	Resp: 2062
Ion Ratio	Lower Upper
97 100	
83 92.2	69.0 103.6
85 47.1	44.9 67.3
99 56.9	50.8 76.2



#56
Ethyl methacrylate
Concen: 2.247 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 69	Resp: 2453
Ion Ratio	Lower Upper
69 100	
41 70.4	56.4 84.6
39 34.9	30.8 46.2

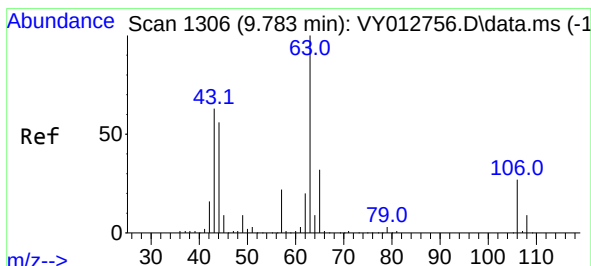
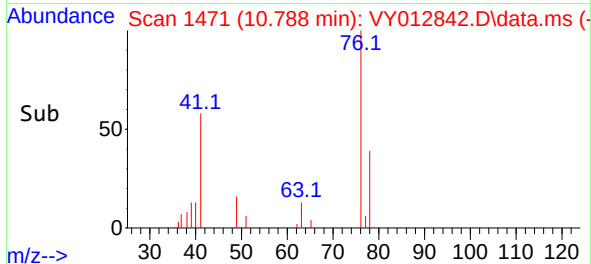
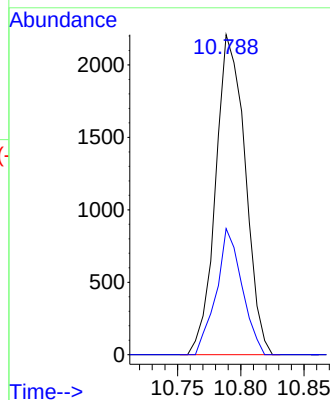
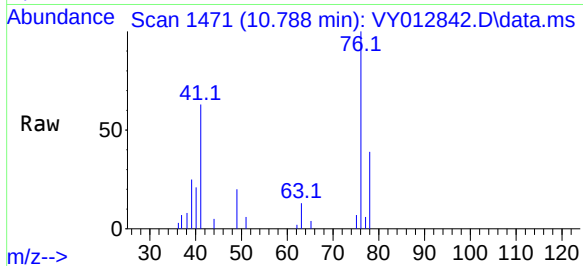




#57
1,3-Dichloropropane
Concen: 2.566 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

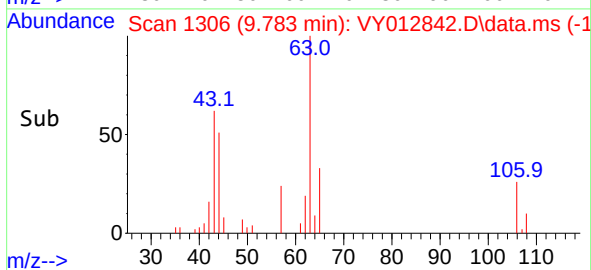
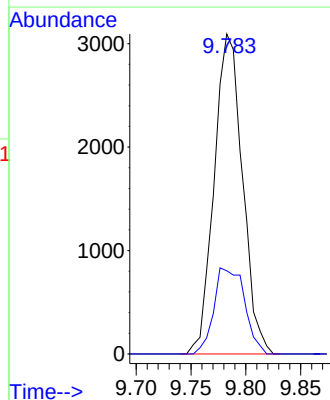
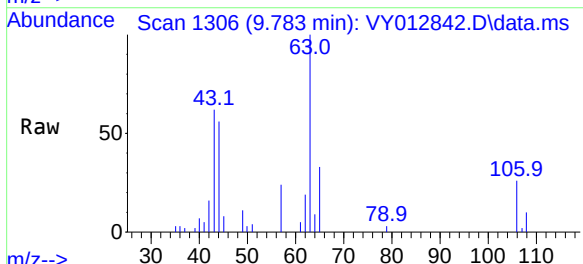
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

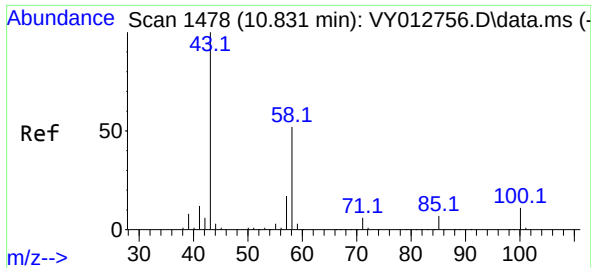
Tgt Ion: 76 Resp: 3578
Ion Ratio Lower Upper
76 100
78 34.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 9.694 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 63 Resp: 5555
Ion Ratio Lower Upper
63 100
106 29.1 22.1 33.1

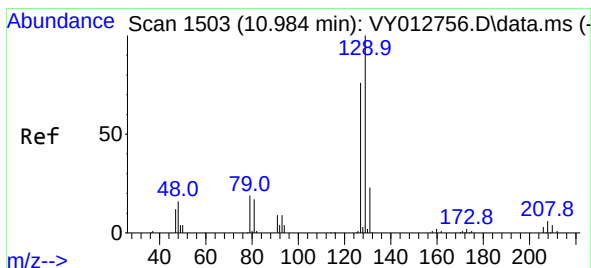
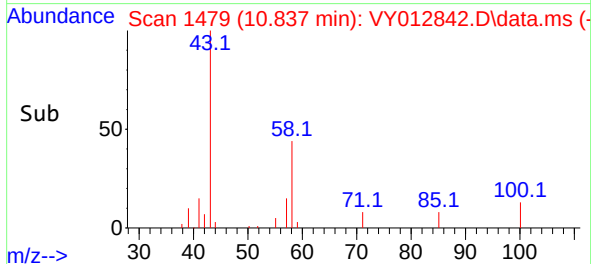
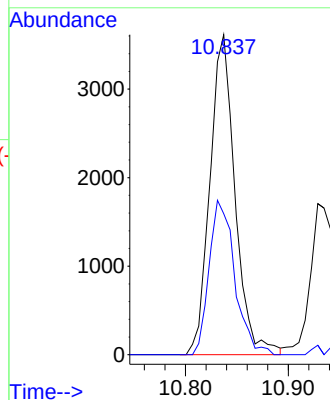
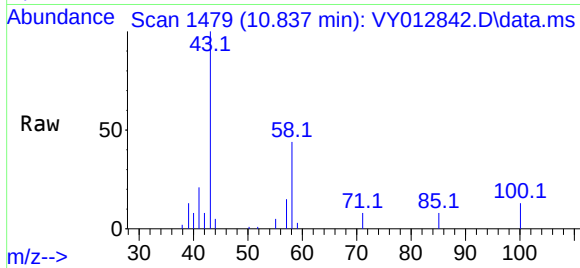




#59
2-Hexanone
Concen: 9.585 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

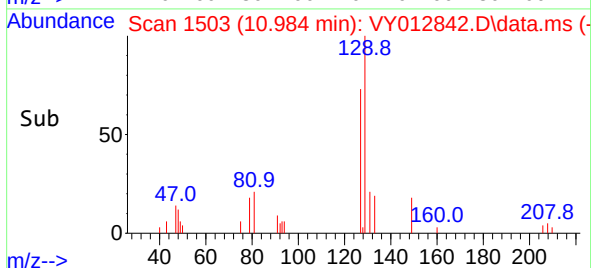
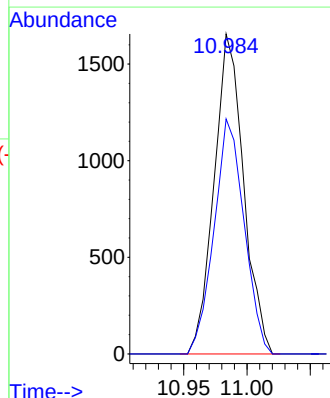
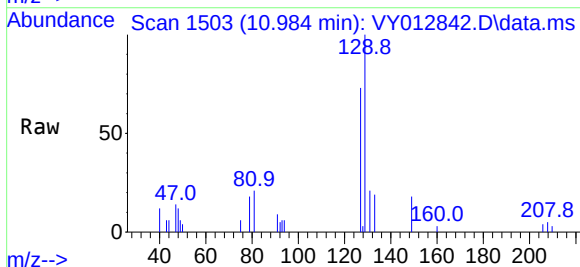
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

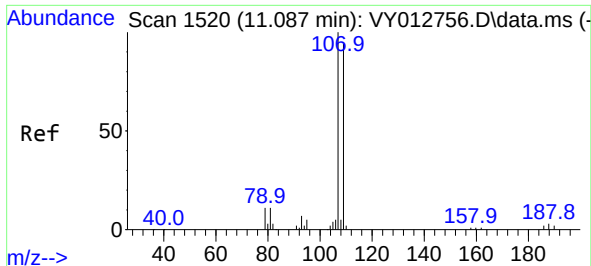
Tgt Ion: 43 Resp: 6133
Ion Ratio Lower Upper
43 100
58 49.2 25.9 77.8



#60
Dibromochloromethane
Concen: 2.694 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 129 Resp: 2685
Ion Ratio Lower Upper
129 100
127 74.9 38.7 116.1

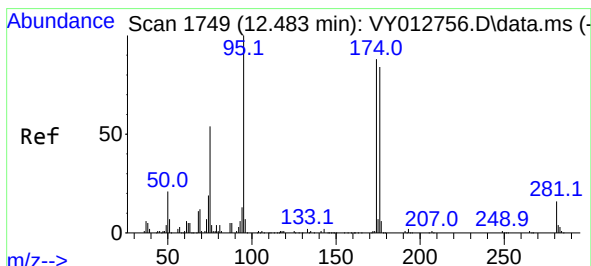
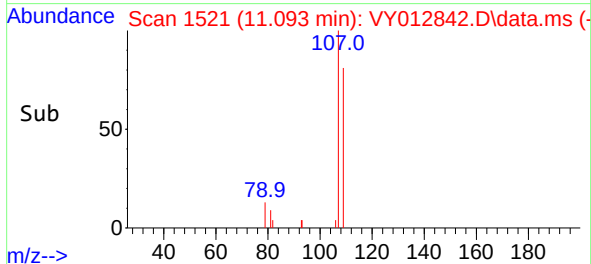
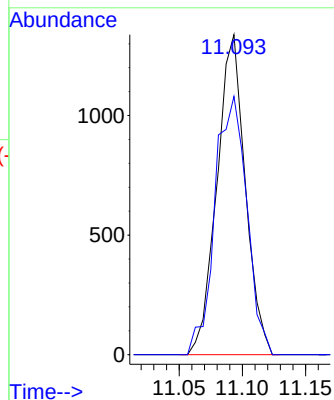
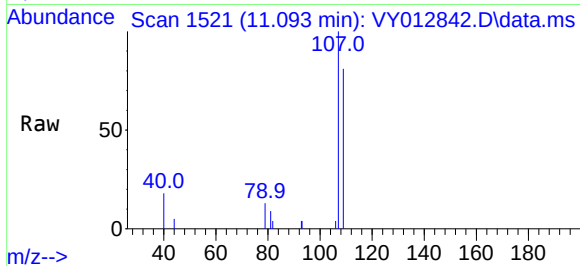




#61
1,2-Dibromoethane
Concen: 2.645 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

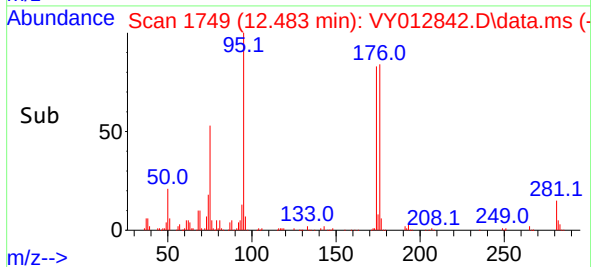
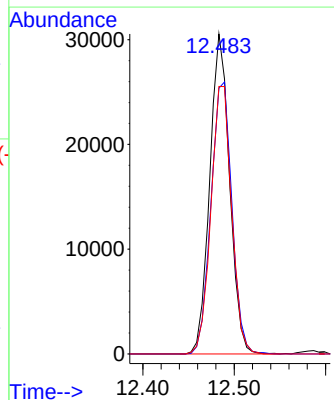
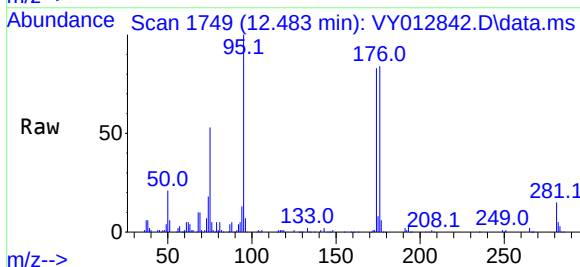
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

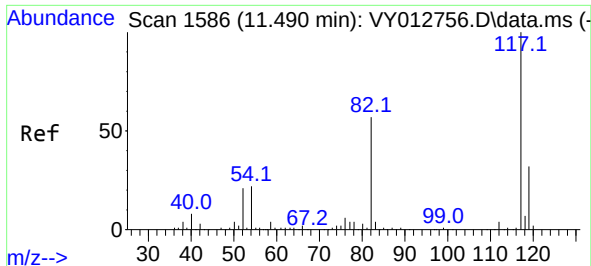
Tgt Ion:107 Resp: 2086
Ion Ratio Lower Upper
107 100
109 90.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 43.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 95 Resp: 46046
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.6
176 87.2 0.0 170.2

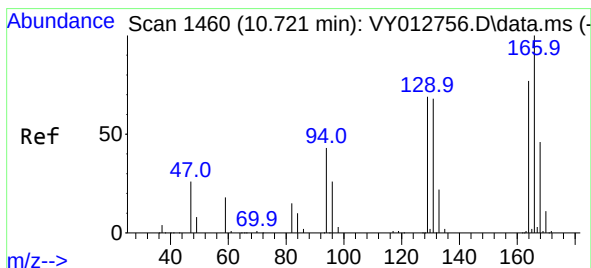
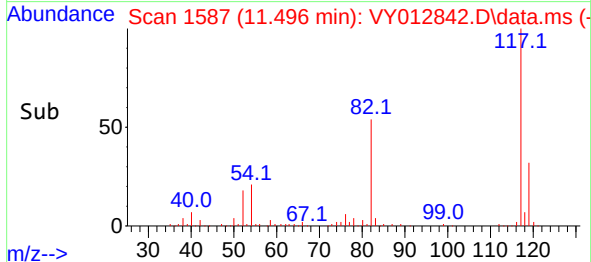
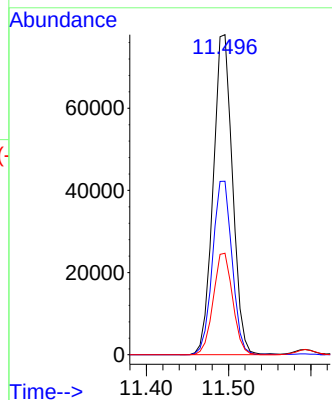
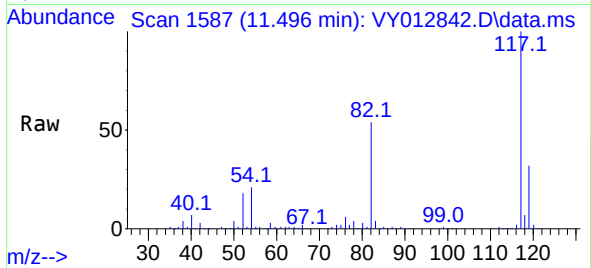




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

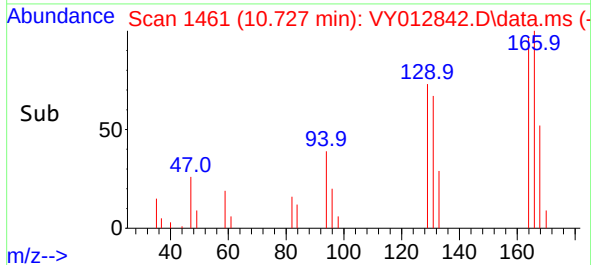
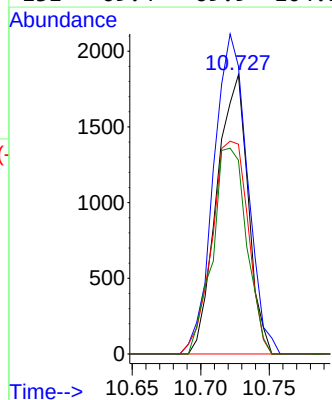
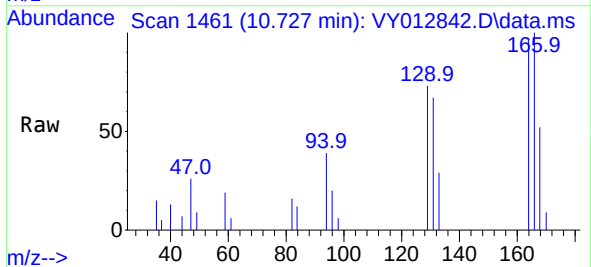
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

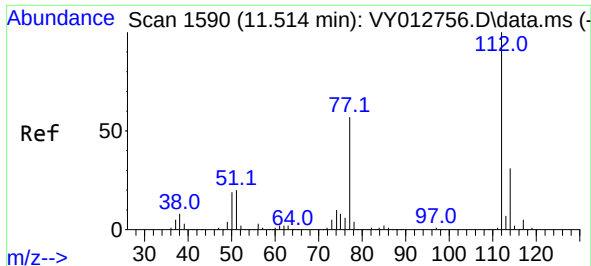
Tgt Ion:117 Resp: 127212
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 3.159 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:164 Resp: 2926
Ion Ratio Lower Upper
164 100
166 103.1 103.4 155.2#
129 75.1 71.4 107.2
131 69.4 69.9 104.9#

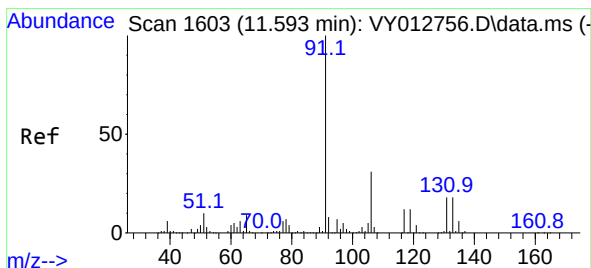
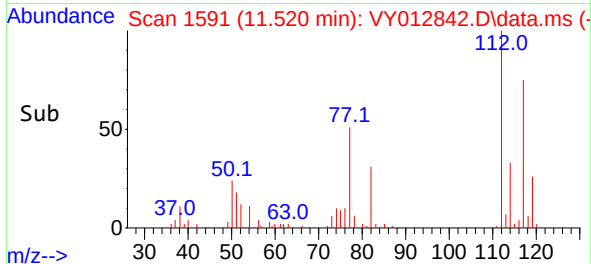
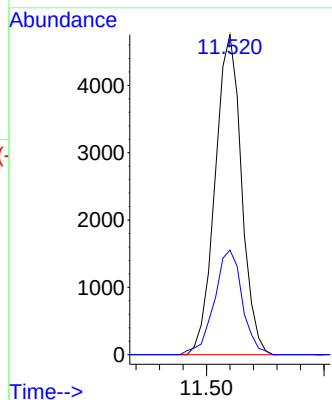
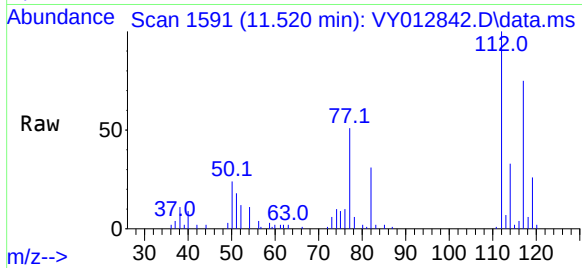




#65
Chlorobenzene
Concen: 2.777 ug/l
RT: 11.520 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

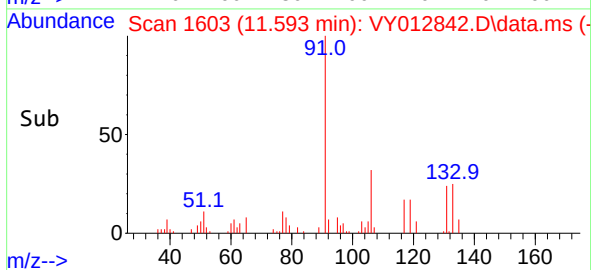
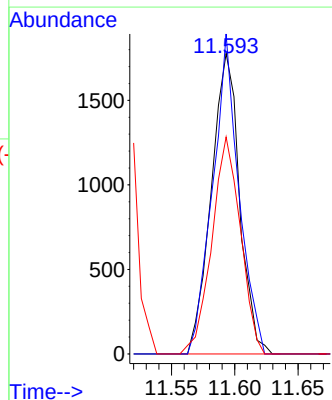
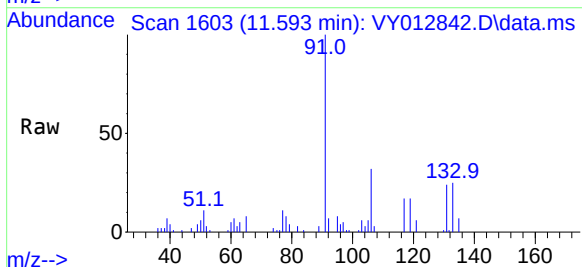
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

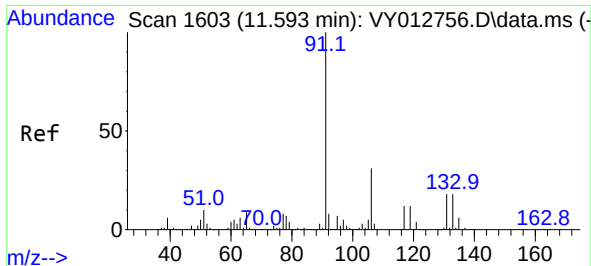
Tgt Ion:112 Resp: 7413
Ion Ratio Lower Upper
112 100
114 32.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.795 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:131 Resp: 2761
Ion Ratio Lower Upper
131 100
133 98.7 48.0 144.0
119 72.9 32.6 98.0

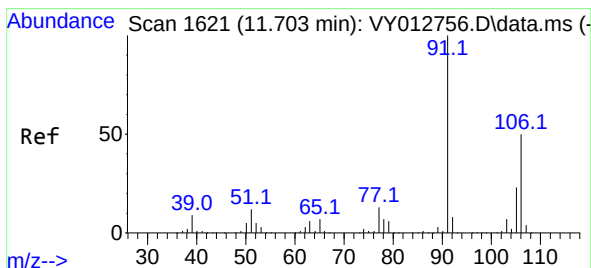
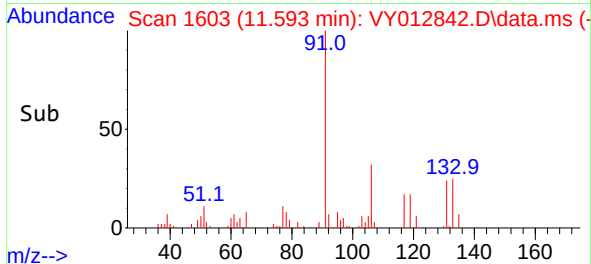
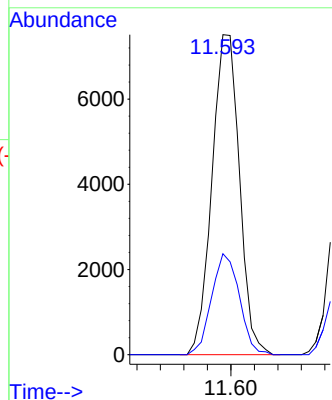
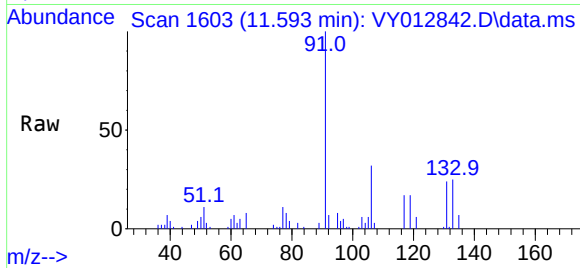




#67
Ethyl Benzene
Concen: 2.596 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

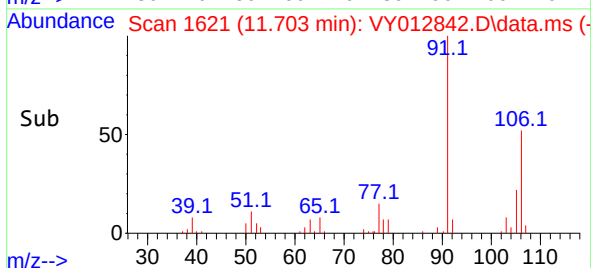
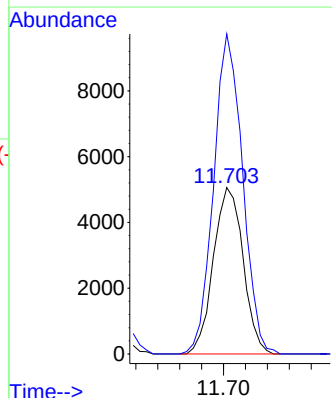
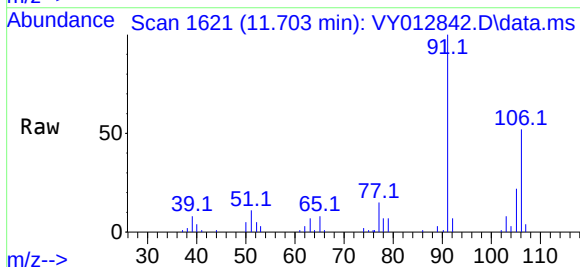
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

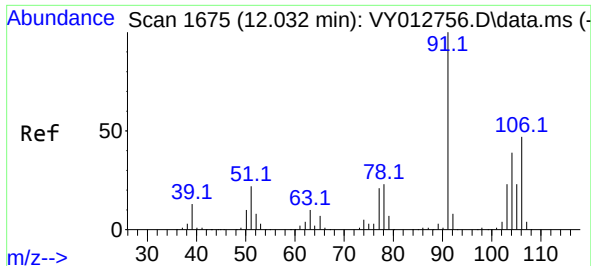
Tgt Ion: 91 Resp: 12188
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 5.275 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:106 Resp: 9525
Ion Ratio Lower Upper
106 100
91 187.2 159.8 239.8

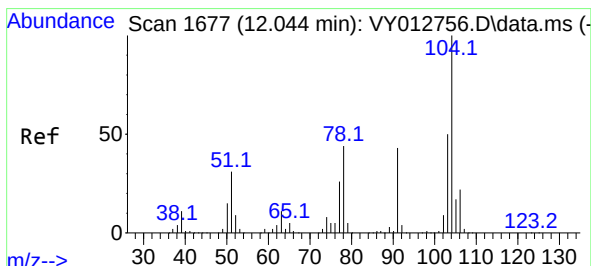
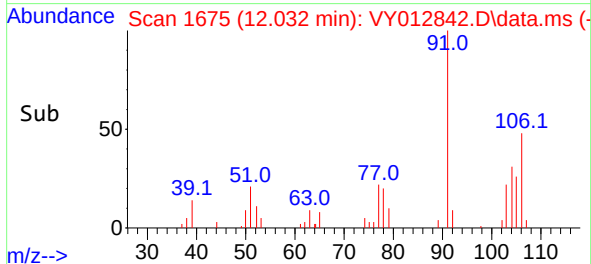
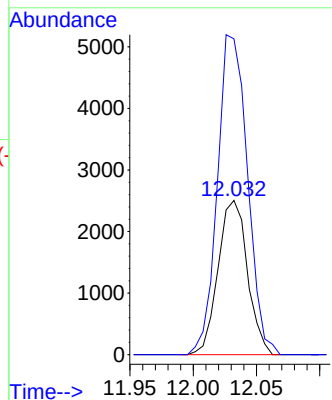
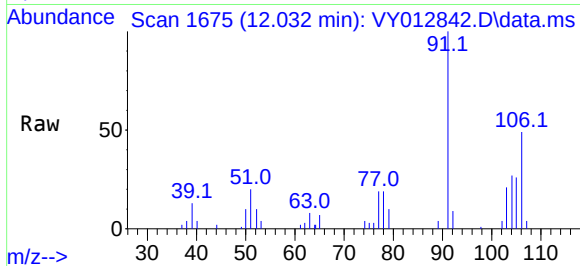




#69
o-Xylene
Concen: 2.398 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

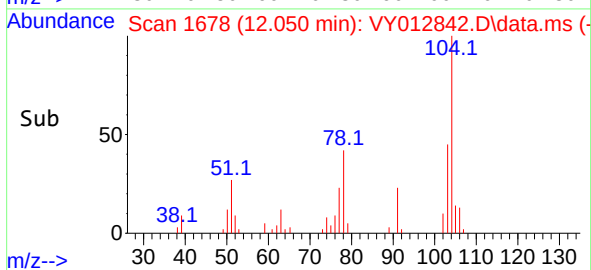
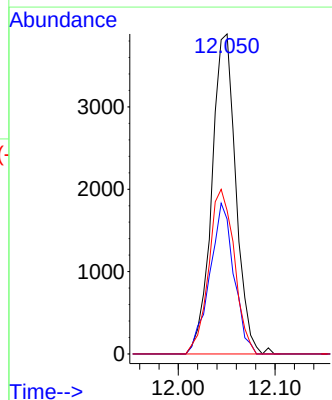
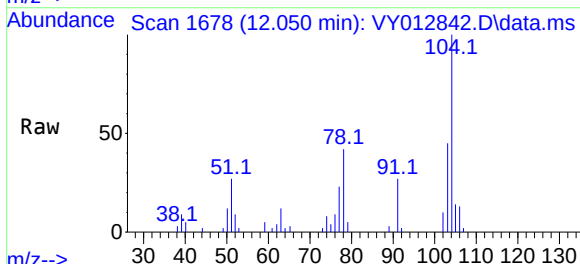
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

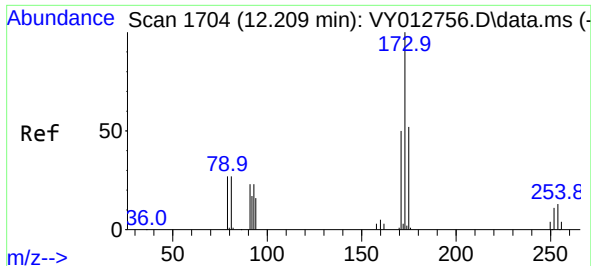
Tgt Ion:106 Resp: 4042
Ion Ratio Lower Upper
106 100
91 212.2 107.2 321.6



#70
Styrene
Concen: 2.382 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:104 Resp: 6698
Ion Ratio Lower Upper
104 100
78 47.3 39.2 58.8
103 54.7 43.7 65.5

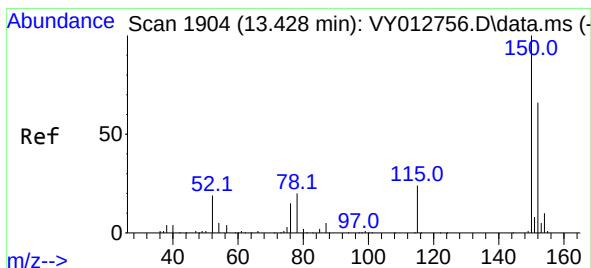
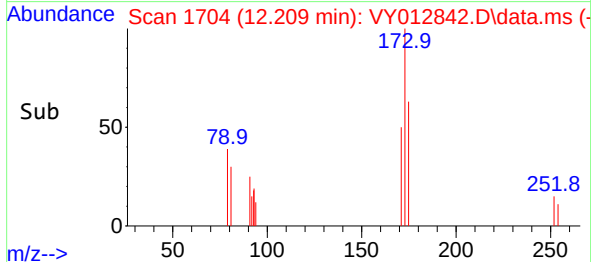
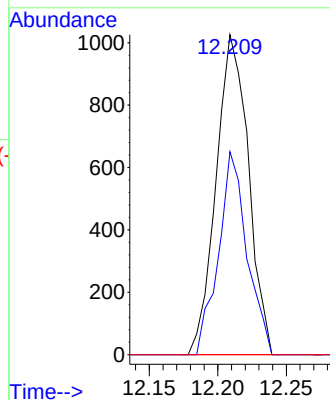
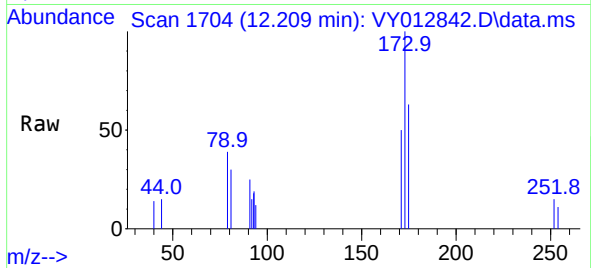




#71
Bromoform
Concen: 2.610 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

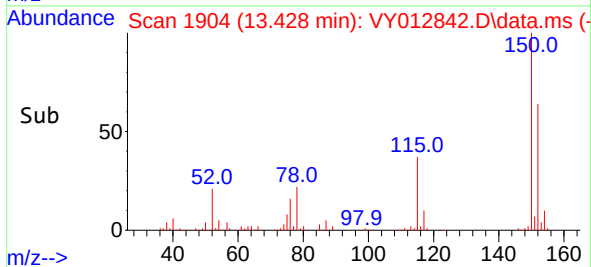
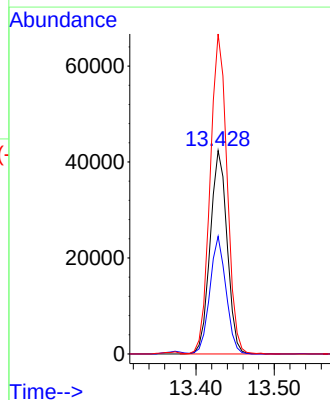
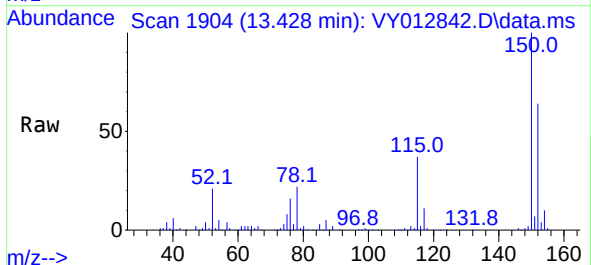
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

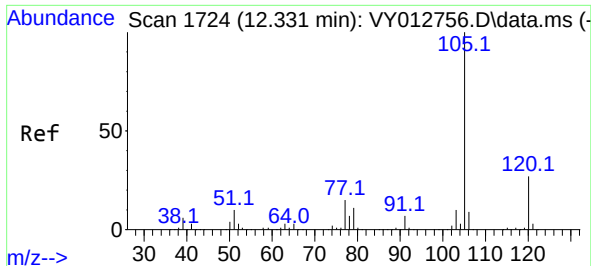
Tgt Ion:173 Resp: 1681
Ion Ratio Lower Upper
173 100
175 56.0 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:152 Resp: 63496
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 157.8 0.0 347.8

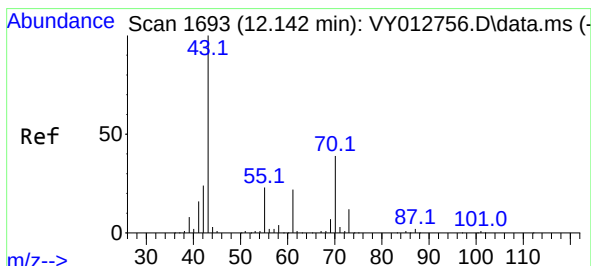
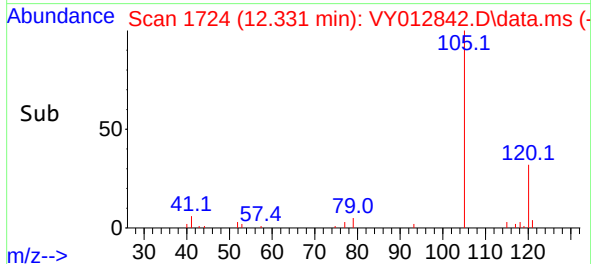
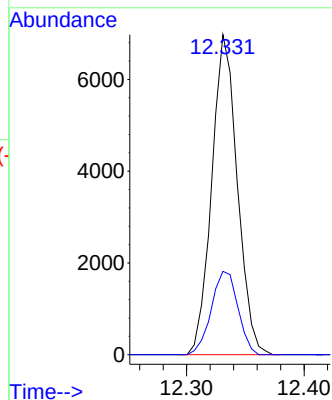
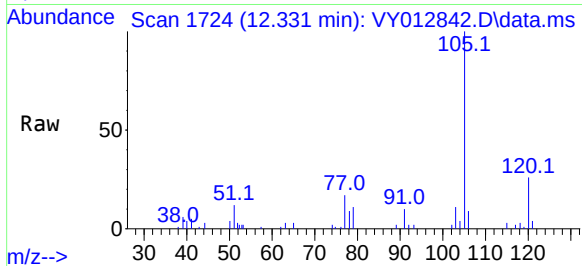




#73
Isopropylbenzene
Concen: 2.345 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

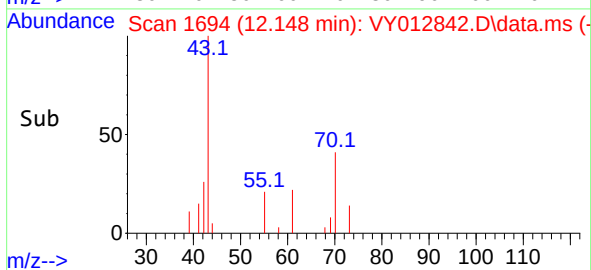
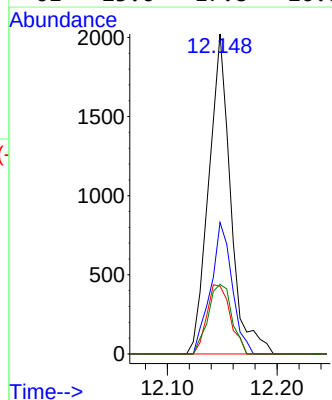
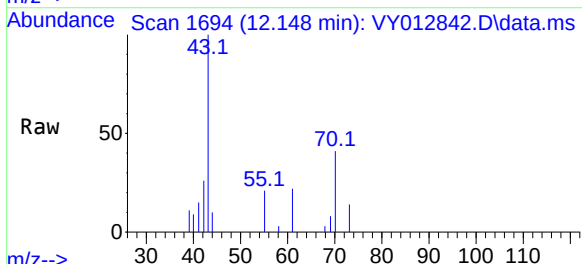
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

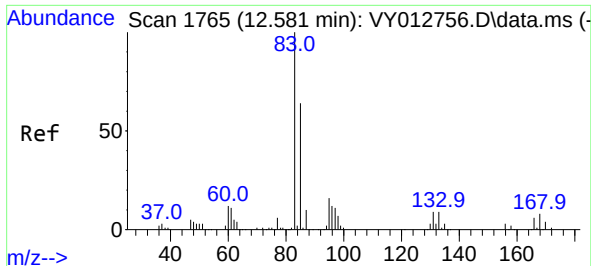
Tgt Ion:105 Resp: 10552
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 1.983 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 43 Resp: 2807
Ion Ratio Lower Upper
43 100
70 40.1 31.6 47.4
55 23.1 18.8 28.2
61 23.6 17.8 26.8

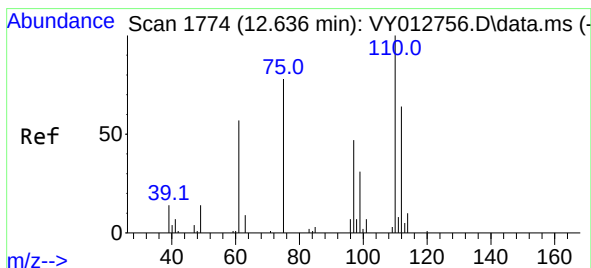
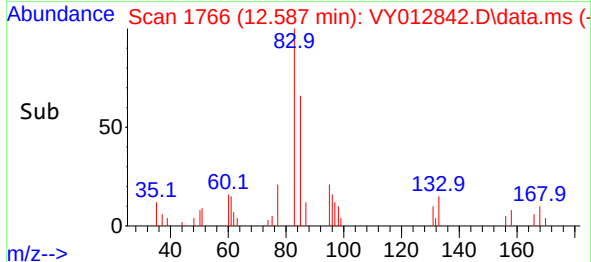
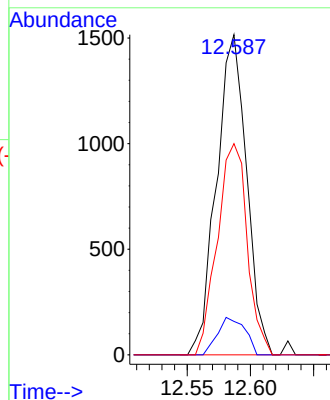
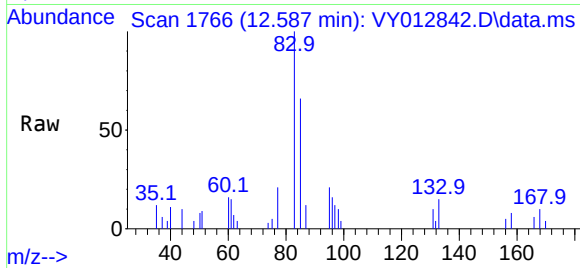




#75
1,1,2-Tetrachloroethane
Concen: 2.476 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

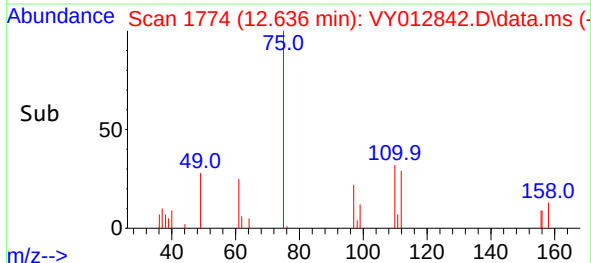
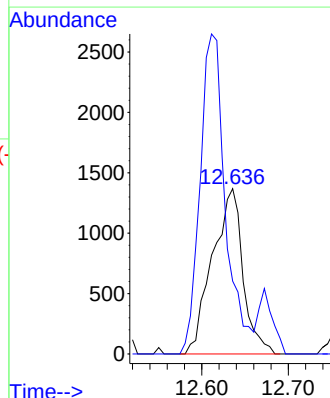
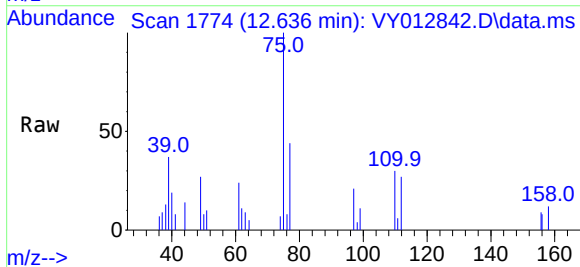
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

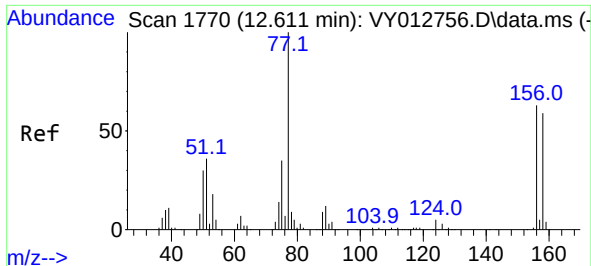
Tgt Ion: 83 Resp: 2505
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.2
85 65.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 4.418 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 75 Resp: 3350
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

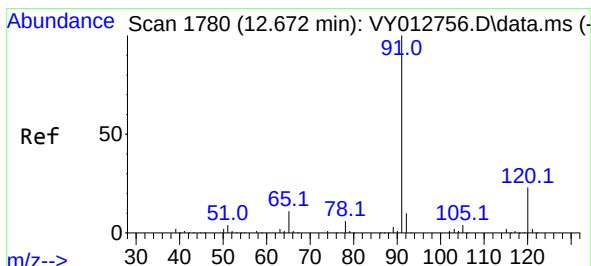
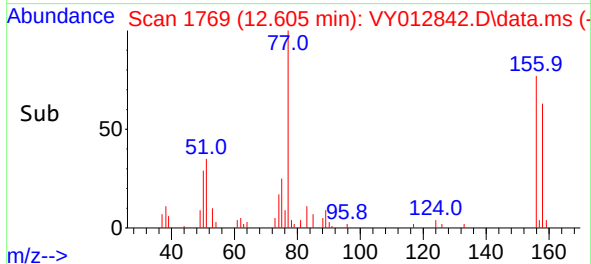
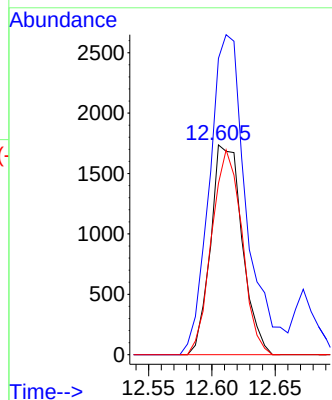
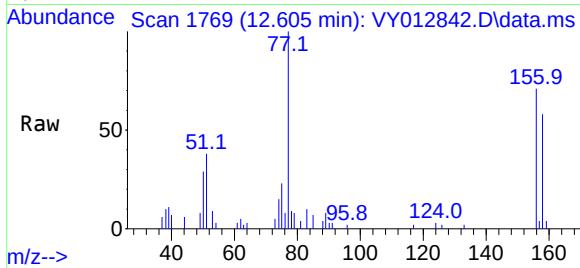




#77
Bromobenzene
Concen: 2.752 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

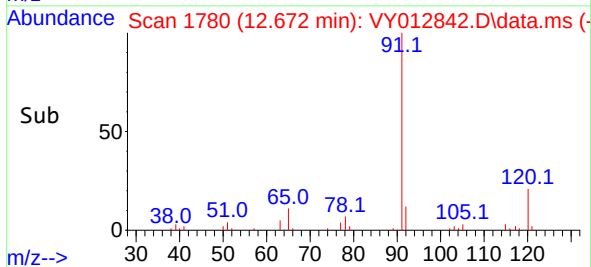
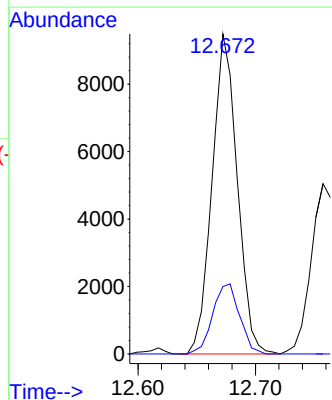
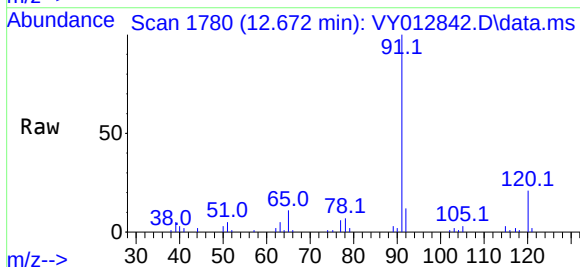
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

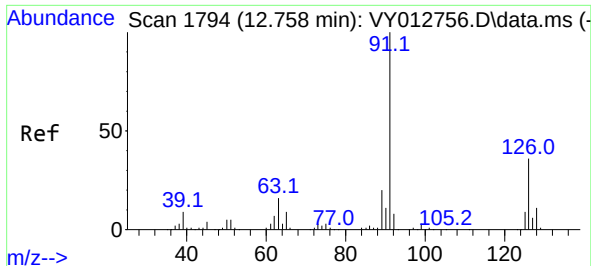
Tgt Ion:	156	Resp:	3008
Ion	Ratio	Lower	Upper
156	100		
77	179.6	94.0	282.1
158	93.8	48.1	144.4



#78
n-propylbenzene
Concen: 2.545 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:	91	Resp:	14122
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.6	34.8

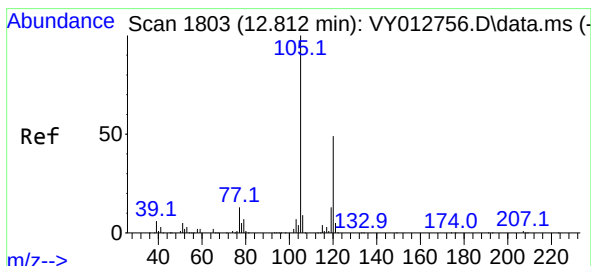
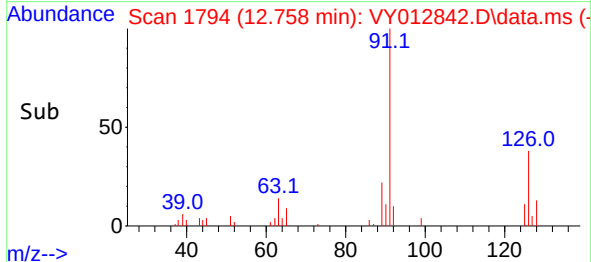
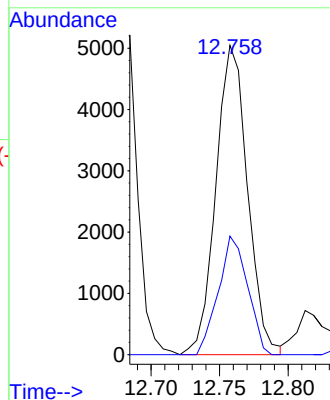
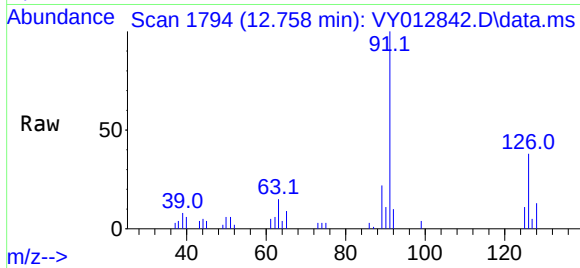




#79
2-Chlorotoluene
Concen: 2.631 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

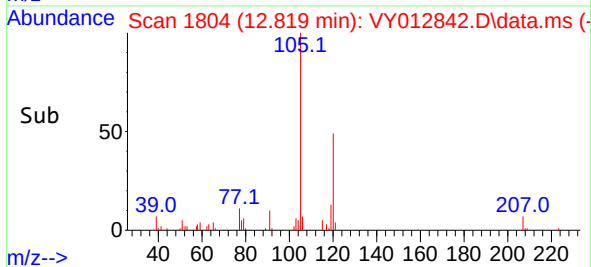
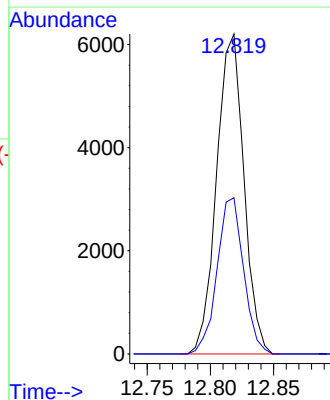
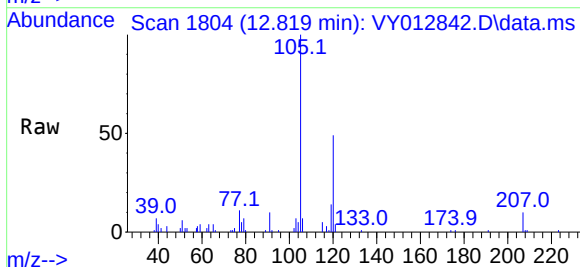
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

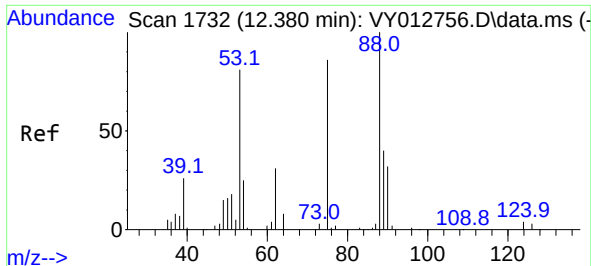
Tgt Ion: 91 Resp: 8113
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 2.502 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 105 Resp: 9293
Ion Ratio Lower Upper
105 100
120 47.4 24.8 74.4

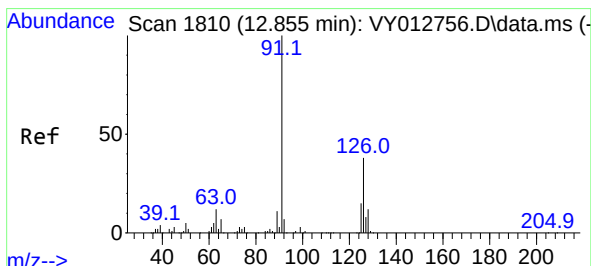
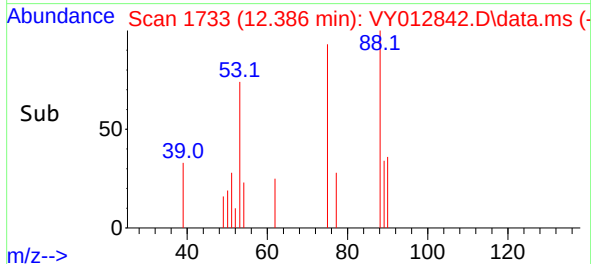
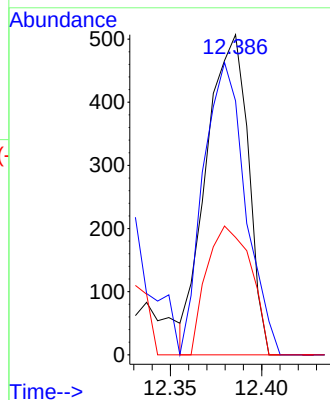
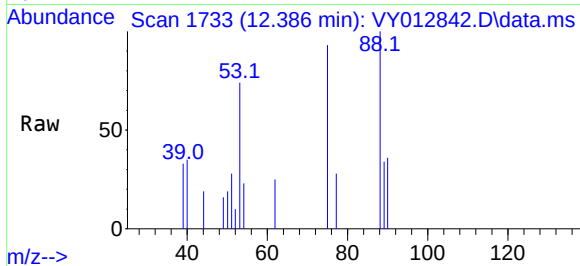




#81
trans-1,4-Dichloro-2-butene
Concen: 2.200 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

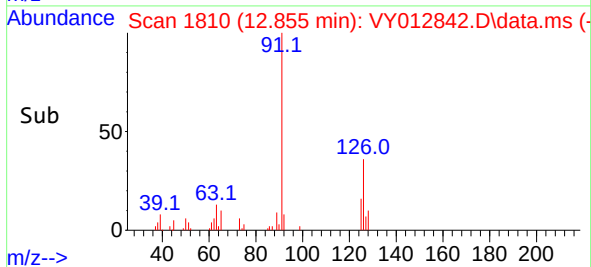
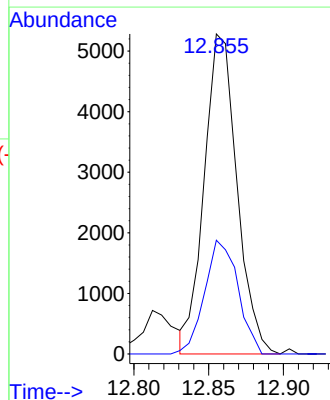
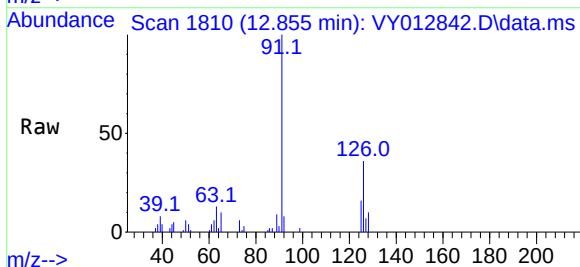
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

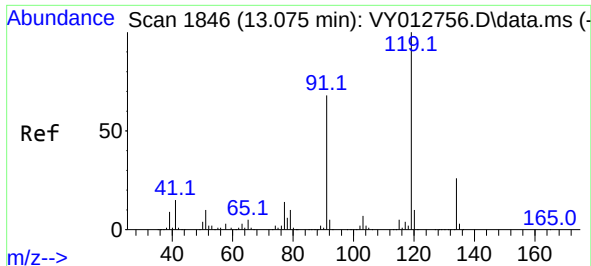
Tgt Ion:	75	Resp:	805
Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.4	110.0
89	42.6	36.6	55.0



#82
4-Chlorotoluene
Concen: 2.523 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:	91	Resp:	8054
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.7	53.1

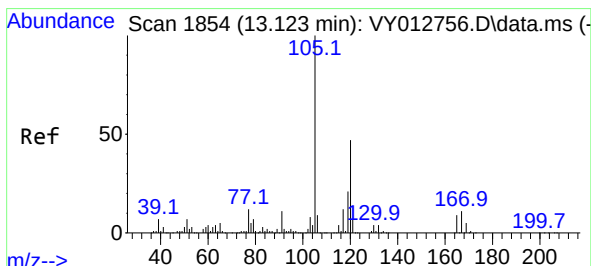
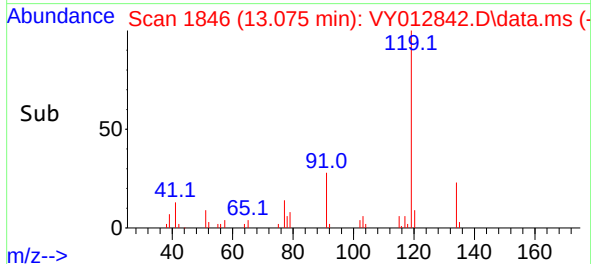
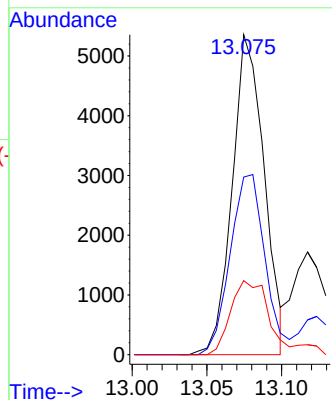
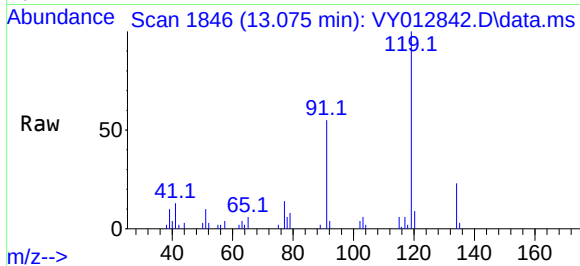




#83
tert-Butylbenzene
Concen: 2.485 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

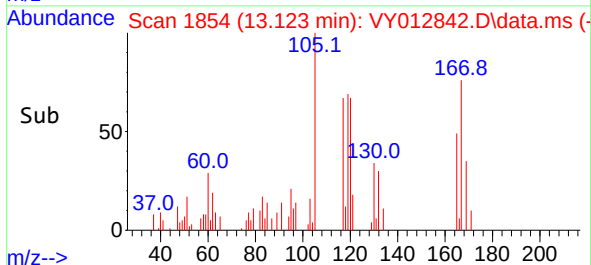
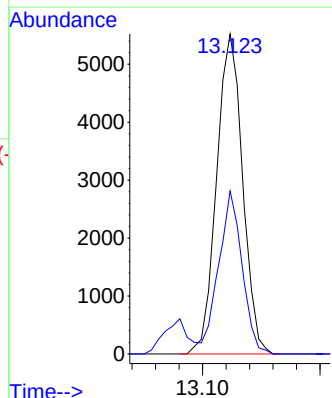
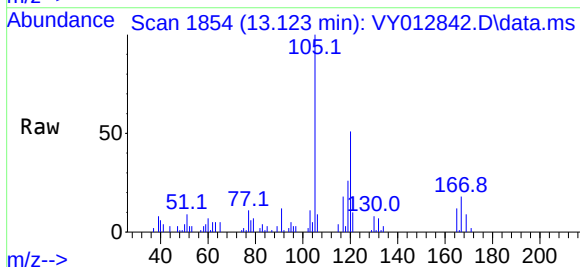
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

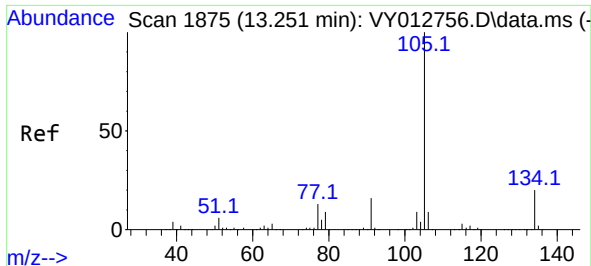
Tgt Ion:	119	Resp:	7965
Ion	Ratio	Lower	Upper
119	100		
91	61.6	32.8	98.3
134	29.1	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 2.332 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:	105	Resp:	8468
Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.0	69.0

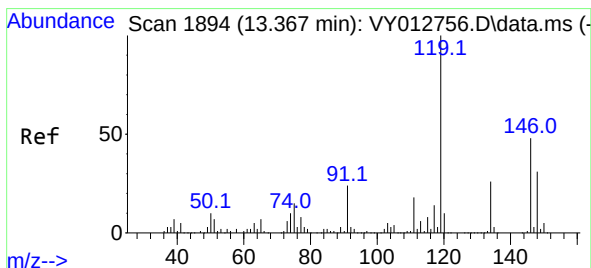
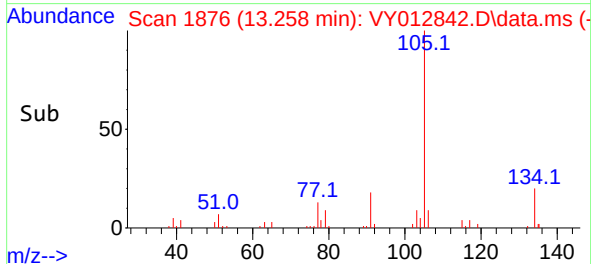
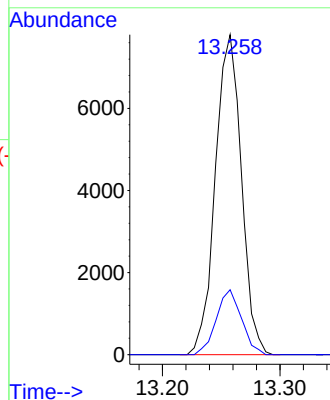
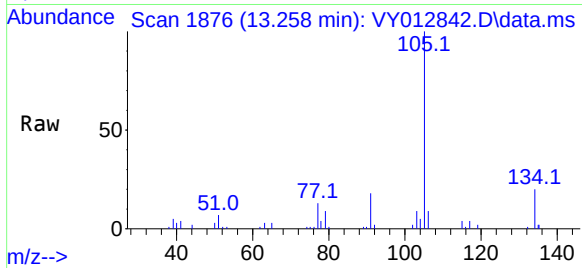




#85
 sec-Butylbenzene
 Concen: 2.458 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

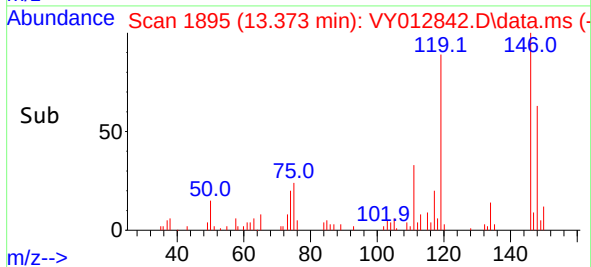
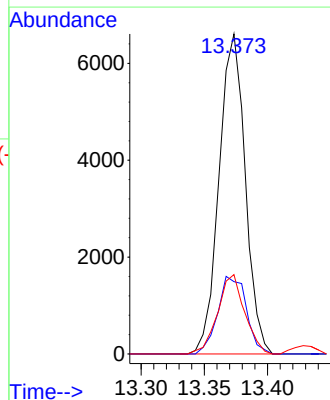
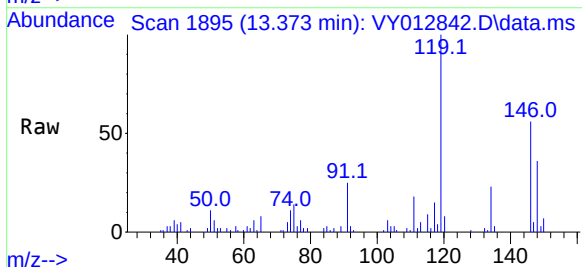
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

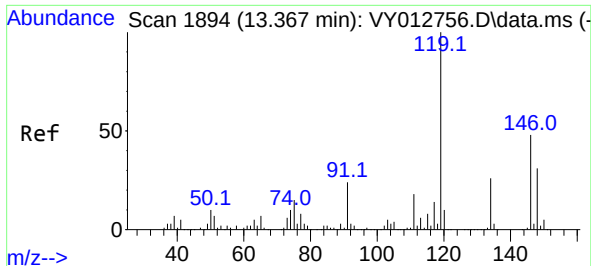
Tgt Ion:105 Resp: 12022
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.379 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

Tgt Ion:119 Resp: 9508
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 25.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 2.975 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

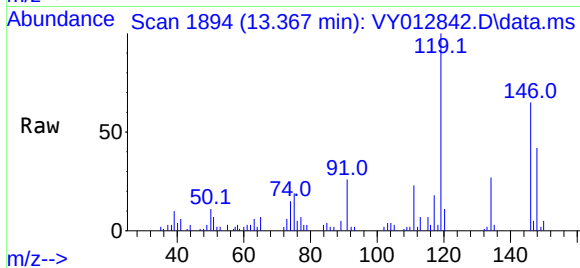
Tgt Ion:146 Resp: 6272

Ion Ratio Lower Upper

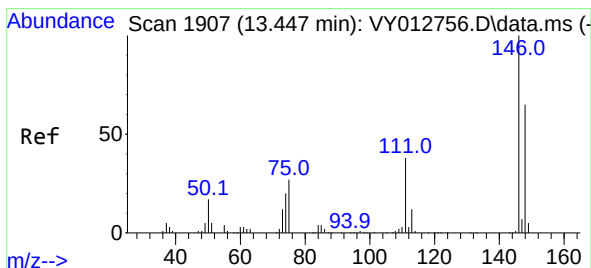
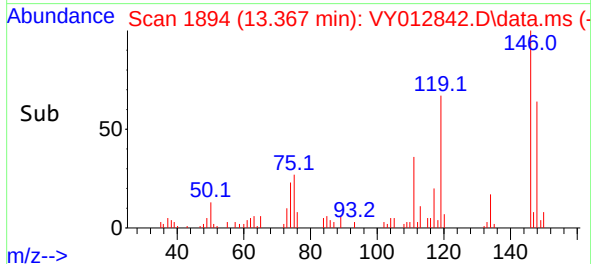
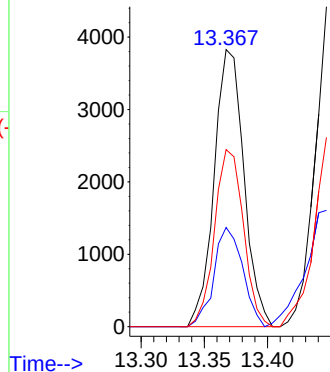
146 100

111 34.6 19.1 57.5

148 61.9 31.8 95.3



Abundance



#88

1,4-Dichlorobenzene

Concen: 3.003 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

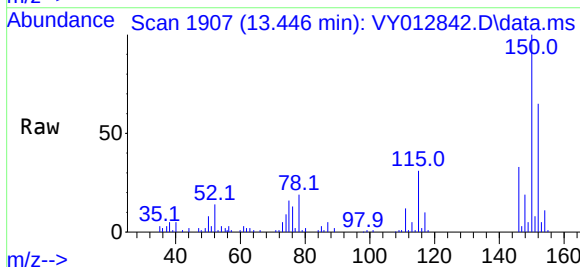
Tgt Ion:146 Resp: 6463

Ion Ratio Lower Upper

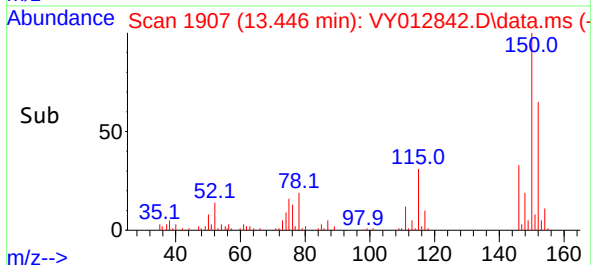
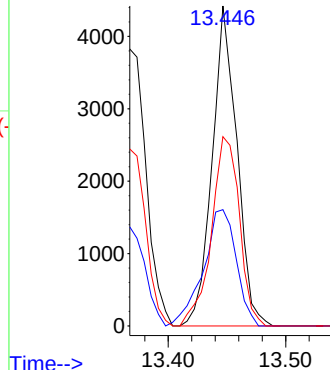
146 100

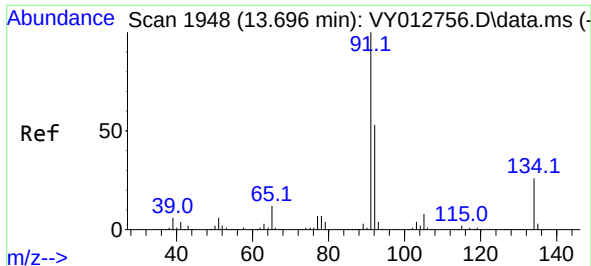
111 48.4 18.6 55.8

148 66.9 31.5 94.5



Abundance

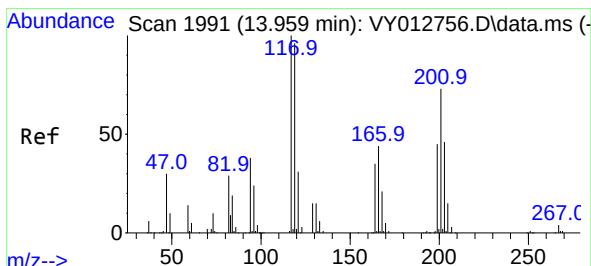
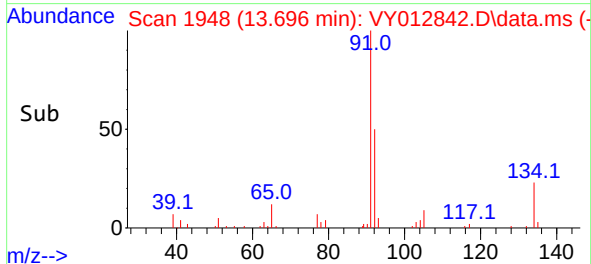
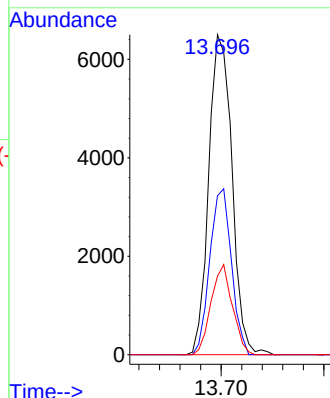
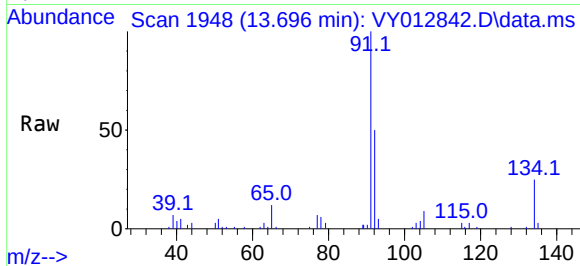




#89
n-Butylbenzene
Concen: 2.661 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

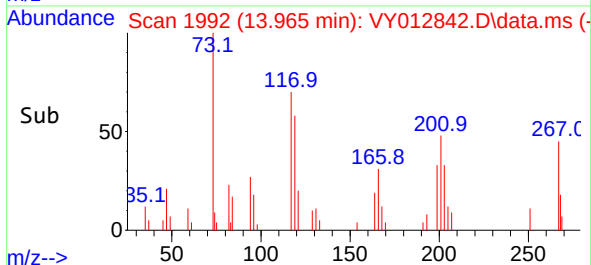
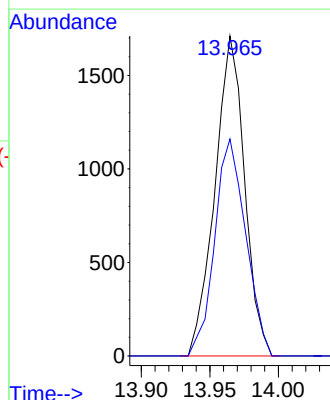
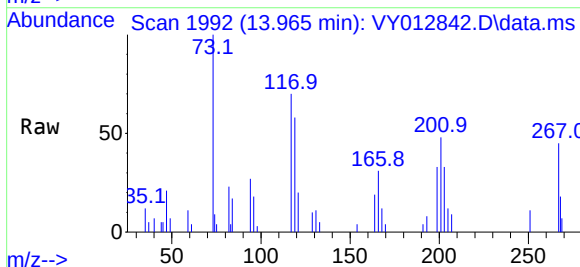
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

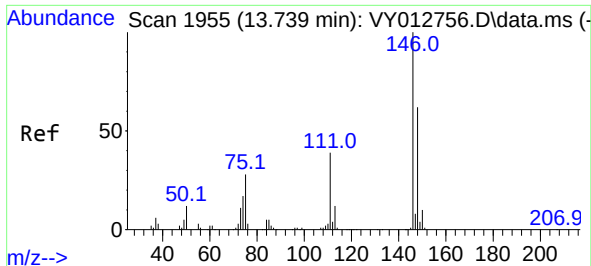
Tgt Ion:	91	Resp:	10179
Ion	Ratio	Lower	Upper
91	100		
92	48.3	26.4	79.0
134	25.9	13.0	38.9



#90
Hexachloroethane
Concen: 3.095 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:	117	Resp:	2576
Ion	Ratio	Lower	Upper
117	100		
201	71.0	39.4	118.1





#91

1,2-Dichlorobenzene

Concen: 2.812 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

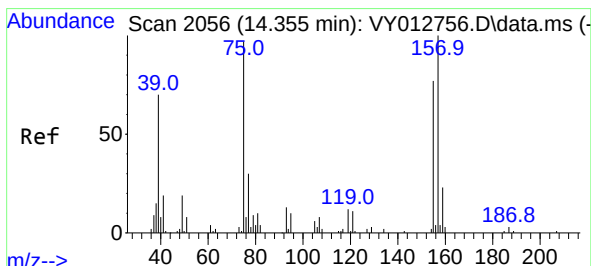
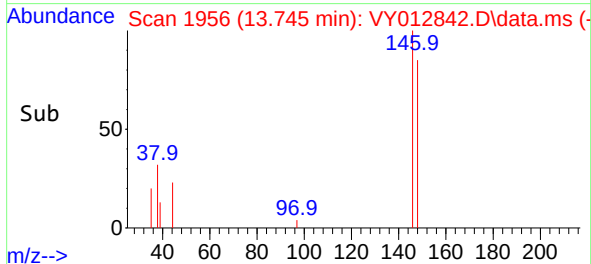
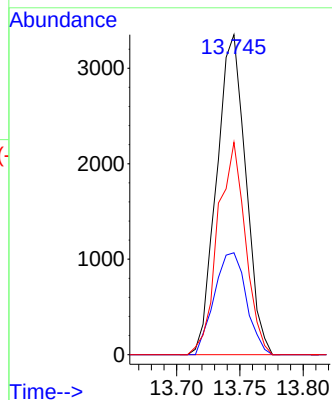
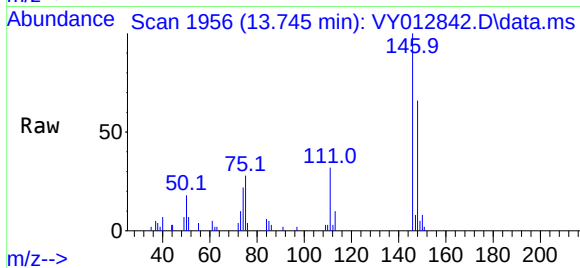
Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:146	Resp:	5360
Ion	Ratio	Lower Upper
146	100	
111	35.1	19.7 59.1
148	63.1	31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.196 ug/l

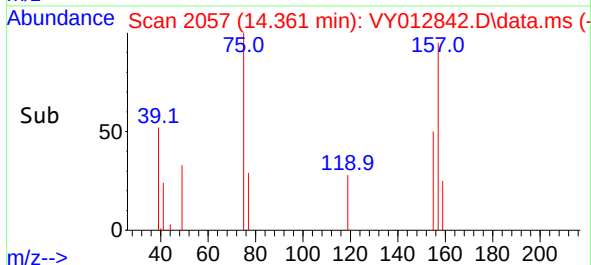
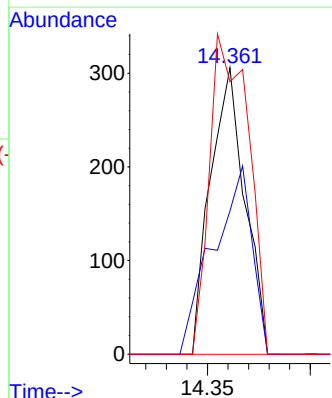
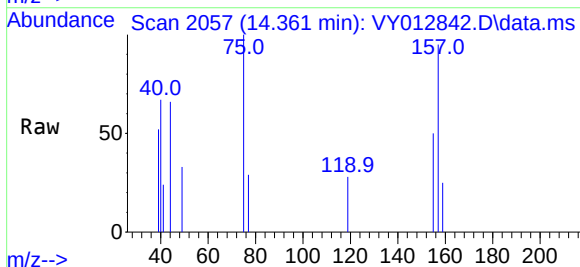
RT: 14.361 min Scan# 2057

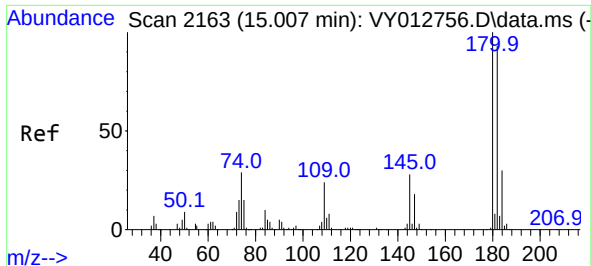
Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion: 75	Resp:	359
Ion	Ratio	Lower Upper
75	100	
155	74.1	43.8 131.4
157	125.1	54.1 162.3

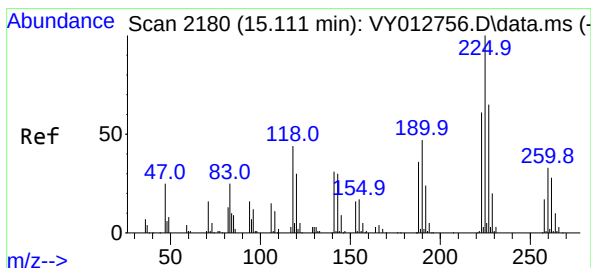
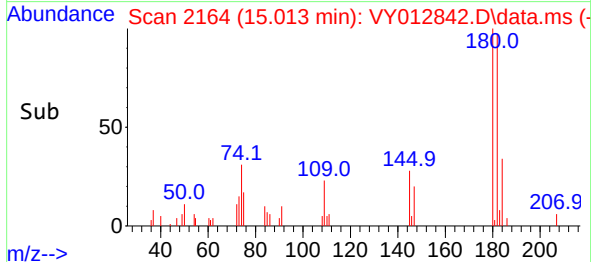
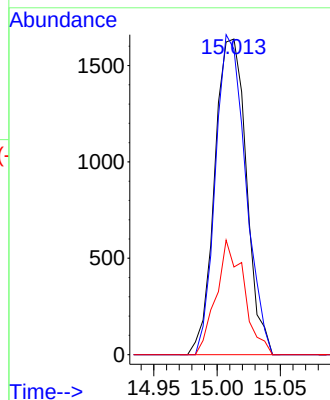
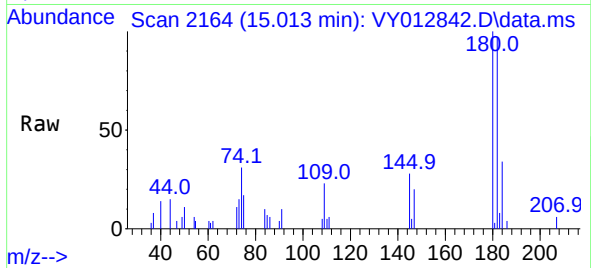




#93
1,2,4-Trichlorobenzene
Concen: 2.424 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

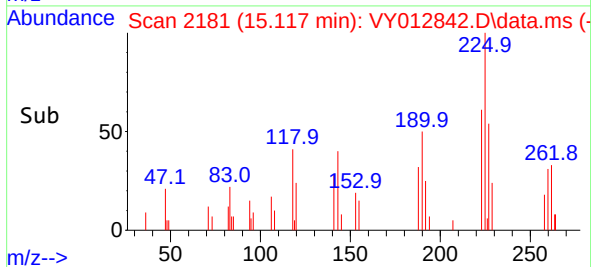
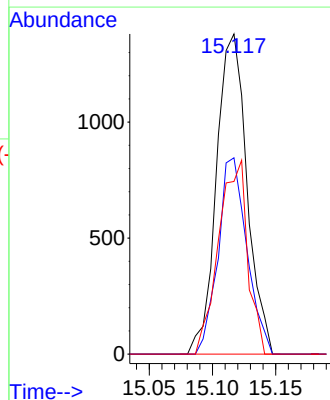
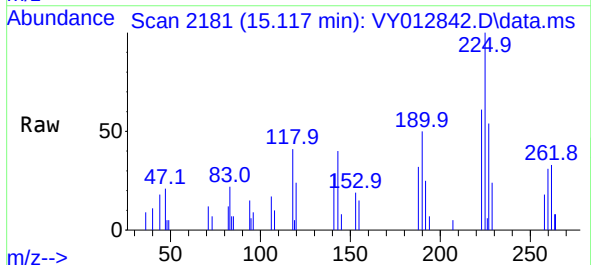
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

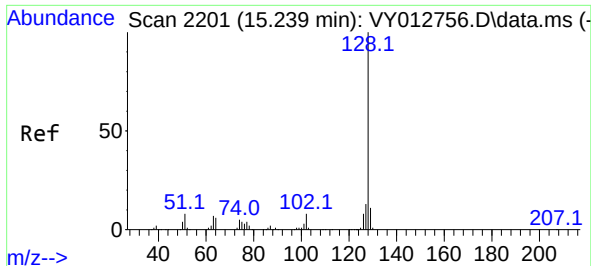
Tgt Ion:180 Resp: 2844
Ion Ratio Lower Upper
180 100
182 96.5 46.7 140.1
145 32.1 14.6 43.8



#94
Hexachlorobutadiene
Concen: 3.233 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:225 Resp: 2314
Ion Ratio Lower Upper
225 100
223 58.0 31.1 93.3
227 57.2 32.4 97.0

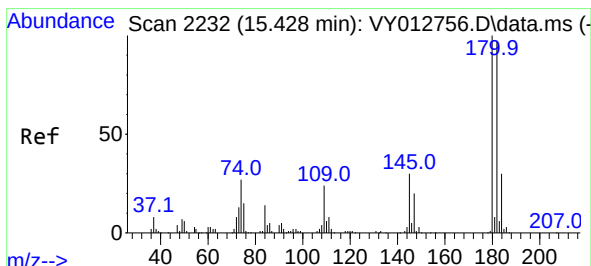
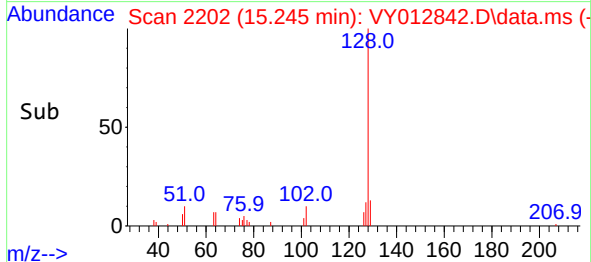
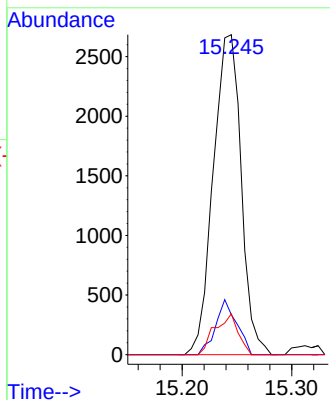
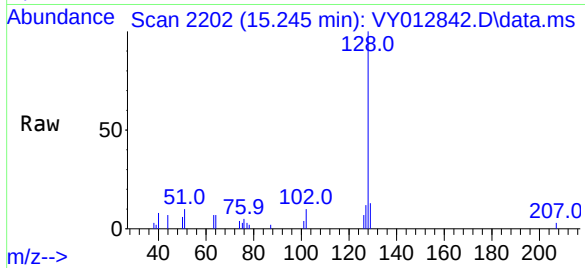




#95
Naphthalene
Concen: 2.016 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:128	Resp:	4741
Ion	Ratio	Lower Upper
128	100	
127	13.1	10.3 15.5
129	10.7	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.413 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:180	Resp:	2518
Ion	Ratio	Lower Upper
180	100	
182	94.6	47.4 142.3
145	33.5	15.3 45.8

