

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012843.D
 Acq On : 07 Mar 2023 14:34
 Operator : KP/MD
 Sample : 01627-01 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 07 23:43:31 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	91956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	46551	50.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.980%
35) Dibromofluoromethane	7.716	113	42544	47.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.179	98	149501	45.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.483	95	51744	46.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	3774	4.164	ug/l	97
3) Chloromethane	2.113	50	5137	4.741	ug/l	96
4) Vinyl Chloride	2.253	62	4176	4.203	ug/l	90
5) Bromomethane	2.649	94	2937	4.865	ug/l	93
6) Chloroethane	2.796	64	2960	4.974	ug/l	99
7) Trichlorofluoromethane	3.125	101	7172	4.346	ug/l	98
8) Diethyl Ether	3.540	74	2658	4.596	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	4318	4.349	ug/l	98
10) Methyl Iodide	4.094	142	4968	3.840	ug/l	99
11) Tert butyl alcohol	4.930	59	4791	27.706	ug/l #	74
12) 1,1-Dichloroethene	3.881	96	4092	4.321	ug/l	91
13) Acrolein	3.729	56	3375	21.099	ug/l	94
14) Allyl chloride	4.478	41	6614	3.781	ug/l	93
15) Acrylonitrile	5.161	53	6913	22.687	ug/l	94
16) Acetone	3.954	43	8817	24.604	ug/l	92
17) Carbon Disulfide	4.198	76	14135	4.385	ug/l	97
18) Methyl Acetate	4.478	43	5211	4.883	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	10690	4.371	ug/l	96
20) Methylene Chloride	4.716	84	11147	5.401	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	4786	4.651	ug/l	96
22) Diisopropyl ether	6.124	45	12608	3.968	ug/l	91
23) Vinyl Acetate	6.057	43	40430	20.481	ug/l	98
24) 1,1-Dichloroethane	6.015	63	8330	4.601	ug/l	98
25) 2-Butanone	6.984	43	11447	25.790	ug/l	94
26) 2,2-Dichloropropane	6.978	77	7944	4.941	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	5032	4.561	ug/l	97
28) Bromochloromethane	7.332	49	2526	3.818	ug/l #	97
29) Tetrahydrofuran	7.350	42	6233	23.283	ug/l	99
30) Chloroform	7.508	83	8675	4.851	ug/l	99
31) Cyclohexane	7.783	56	7931	4.536	ug/l #	65
32) 1,1,1-Trichloroethane	7.703	97	7342	4.540	ug/l	99
36) 1,1-Dichloropropene	7.911	75	5934	3.944	ug/l	96
37) Ethyl Acetate	7.076	43	4386	4.625	ug/l	98
38) Carbon Tetrachloride	7.905	117	6692	4.307	ug/l	97
39) Methylcyclohexane	9.185	83	6600	3.689	ug/l	92
40) Benzene	8.161	78	18584	4.366	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	5900	11.547	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	6039	4.719	ug/l	98
43) Isopropyl Acetate	8.277	43	7641	4.516	ug/l	96
44) Trichloroethene	8.941	130	4976	4.434	ug/l	91
45) 1,2-Dichloropropane	9.215	63	4748	4.414	ug/l	96
46) Dibromomethane	9.301	93	2896	4.726	ug/l	99
47) Bromodichloromethane	9.496	83	6362	4.405	ug/l	90
48) Methyl methacrylate	9.295	41	3390	4.348	ug/l	98
49) 1,4-Dioxane	9.295	88	683	86.212	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	19717	21.482	ug/l	97
52) Toluene	10.246	92	11531	4.492	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	6614	4.366	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	7347	4.285	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	3899	4.568	ug/l	97
56) Ethyl methacrylate	10.508	69	4554	4.002	ug/l	99
57) 1,3-Dichloropropane	10.788	76	6609	4.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	11128	18.627	ug/l	98
59) 2-Hexanone	10.831	43	13911	20.854	ug/l	100
60) Dibromochloromethane	10.983	129	4696	4.520	ug/l	100
61) 1,2-Dibromoethane	11.093	107	3776	4.593	ug/l	99
64) Tetrachloroethene	10.721	164	4483	4.615	ug/l #	85
65) Chlorobenzene	11.520	112	12422	4.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	4715	4.550	ug/l	99
67) Ethyl Benzene	11.593	91	19654	3.992	ug/l	98
68) m/p-Xylenes	11.703	106	14709	7.766	ug/l	97
69) o-Xylene	12.032	106	6942	3.927	ug/l	96
70) Styrene	12.044	104	11988	4.064	ug/l	98
71) Bromoform	12.209	173	3234	4.787	ug/l #	95
73) Isopropylbenzene	12.331	105	17668	3.658	ug/l	100
74) N-amyl acetate	12.142	43	5458	3.591	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	5263	4.847	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	6347	7.798	ug/l #	100
77) Bromobenzene	12.611	156	5061	4.313	ug/l	97
78) n-propylbenzene	12.672	91	23567	3.957	ug/l	99
79) 2-Chlorotoluene	12.757	91	13294	4.017	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	15354	3.852	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	1564	3.982	ug/l	92
82) 4-Chlorotoluene	12.855	91	14023	4.093	ug/l	99
83) tert-Butylbenzene	13.074	119	12740	3.703	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	14458	3.709	ug/l	98
85) sec-Butylbenzene	13.257	105	20181	3.845	ug/l	97
86) p-Isopropyltoluene	13.373	119	15410	3.592	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	10074	4.451	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	9845	4.262	ug/l	88
89) n-Butylbenzene	13.696	91	15445	3.761	ug/l	99
90) Hexachloroethane	13.958	117	3929	4.397	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	8919	4.360	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	897	5.112	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	4845	3.846	ug/l	98
94) Hexachlorobutadiene	15.111	225	3349	4.359	ug/l	96
95) Naphthalene	15.239	128	9118	3.612	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	4516	4.031	ug/l	96

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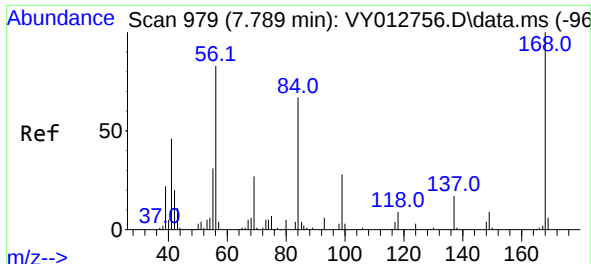
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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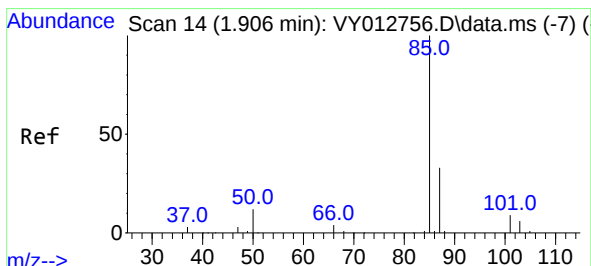
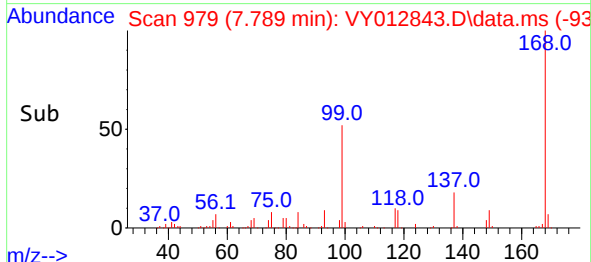
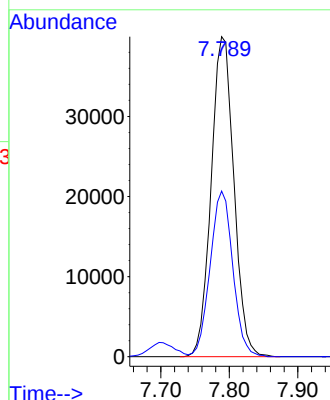
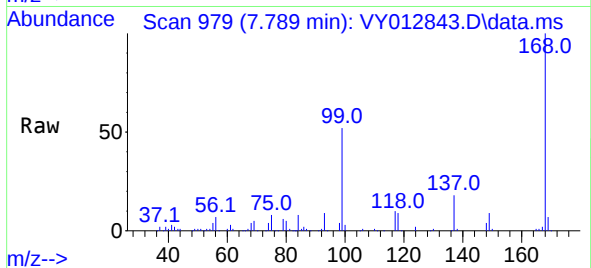




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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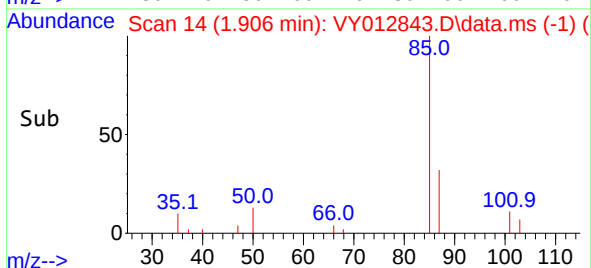
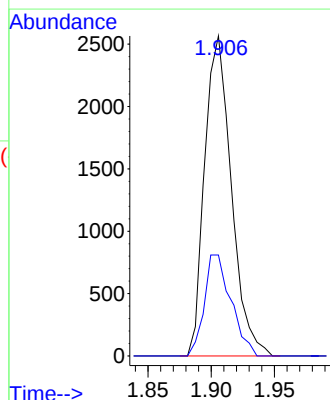
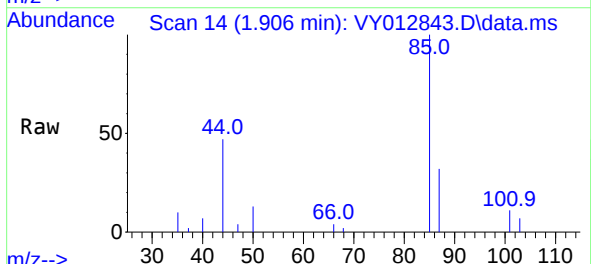
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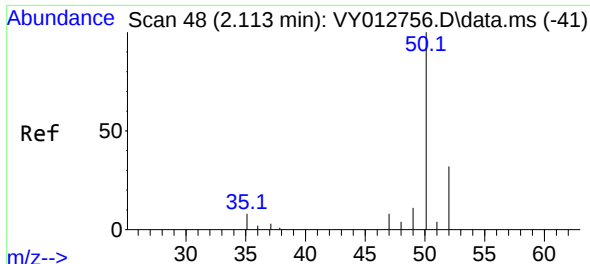
Tgt Ion:168 Resp: 91956
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 4.164 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 85 Resp: 3774
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.0

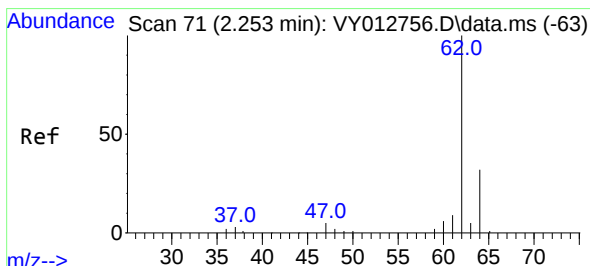
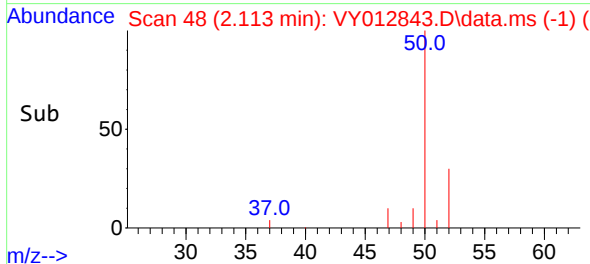
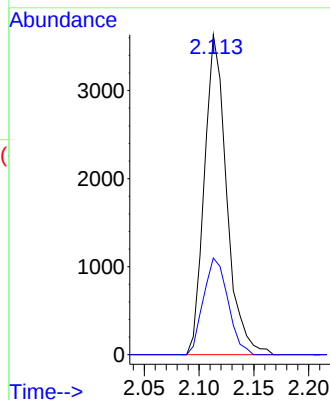
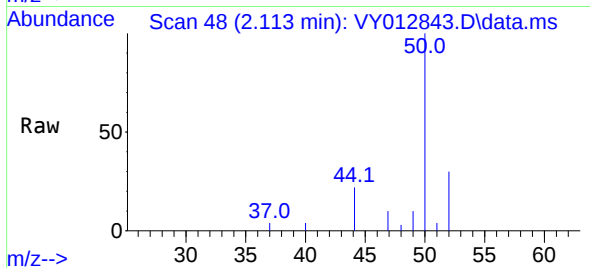




#3
Chloromethane
Concen: 4.741 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

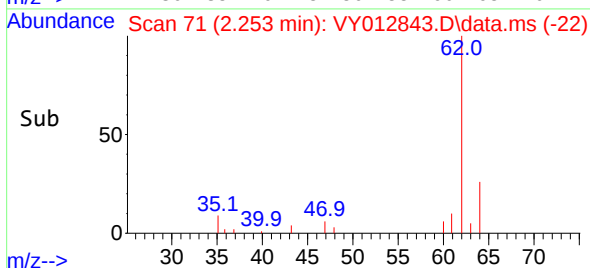
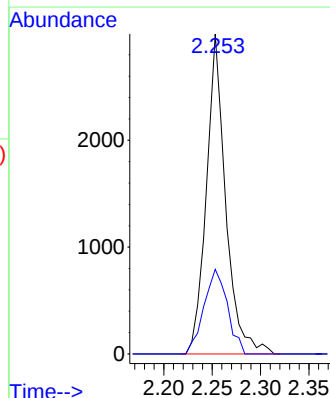
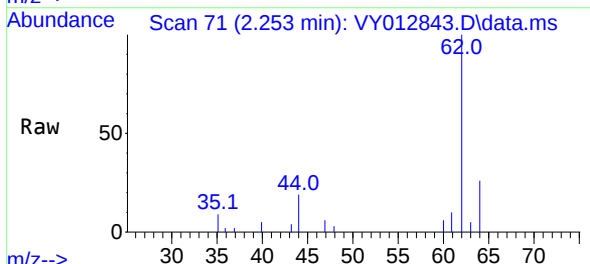
Instrument : MSVOA_Y
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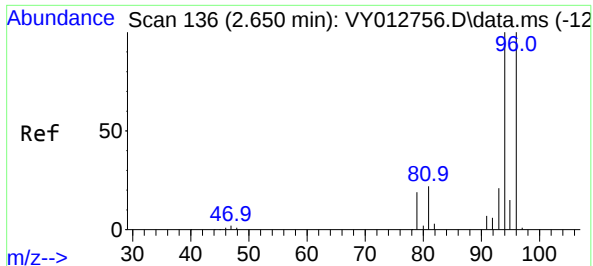
Tgt Ion: 50 Resp: 5137
Ion Ratio Lower Upper
50 100
52 30.2 26.0 39.0



#4
Vinyl Chloride
Concen: 4.203 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 62 Resp: 4176
Ion Ratio Lower Upper
62 100
64 26.4 25.6 38.4

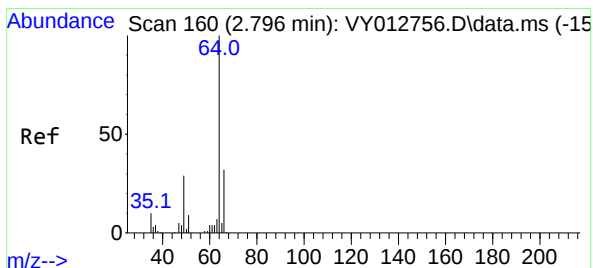
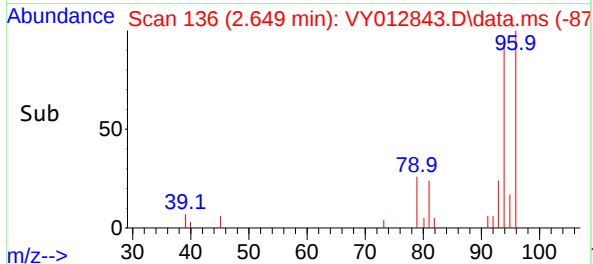
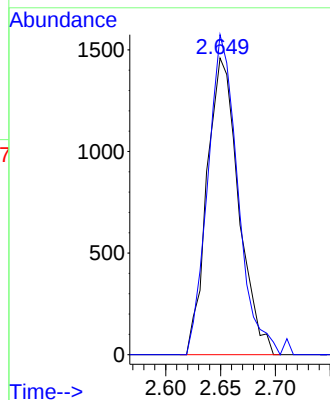
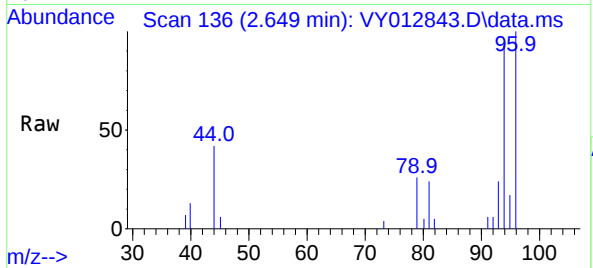




#5
Bromomethane
Concen: 4.865 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

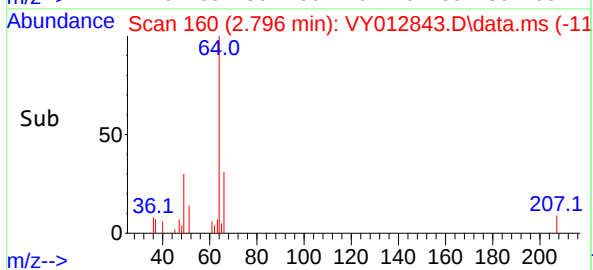
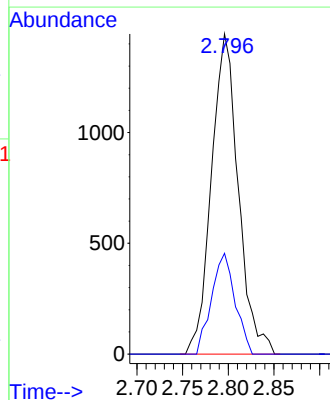
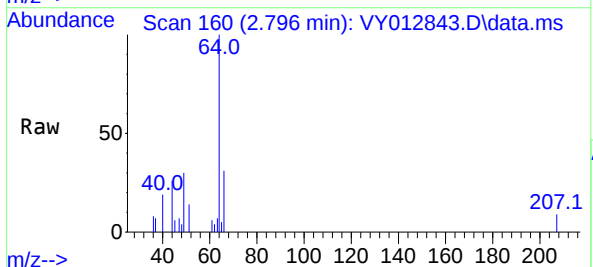
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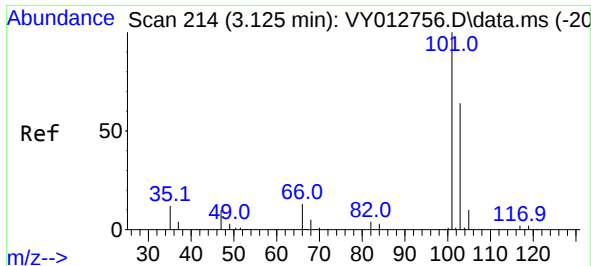
Tgt Ion: 94 Resp: 2937
Ion Ratio Lower Upper
94 100
96 107.9 80.3 120.5



#6
Chloroethane
Concen: 4.974 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 64 Resp: 2960
Ion Ratio Lower Upper
64 100
66 31.5 25.7 38.5

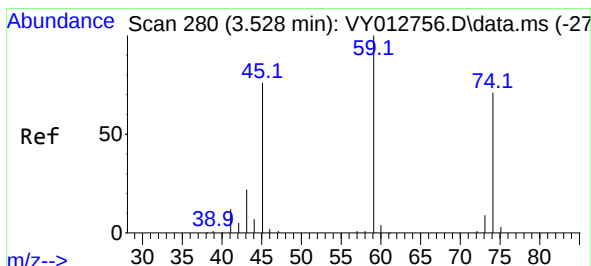
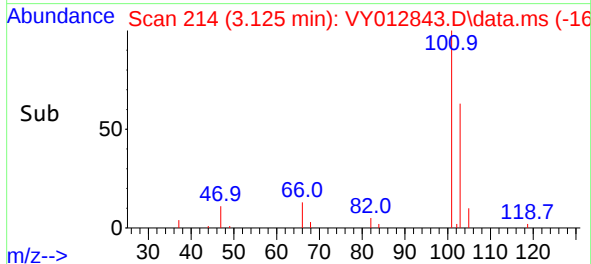
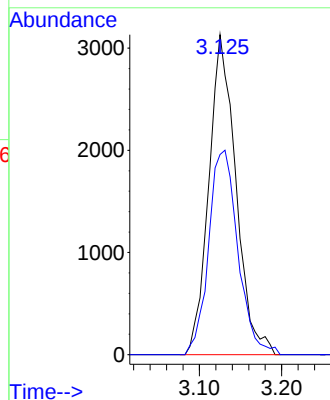
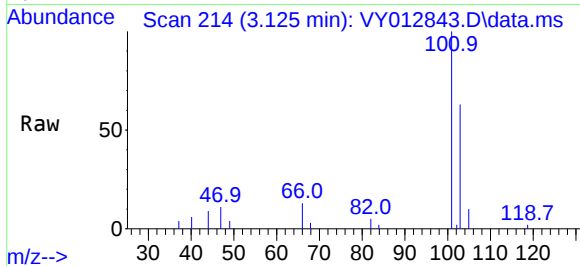




#7
 Trichlorofluoromethane
 Concen: 4.346 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012843.D
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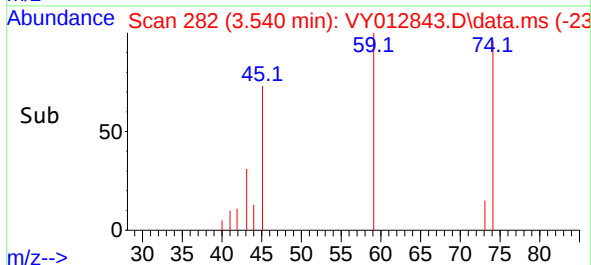
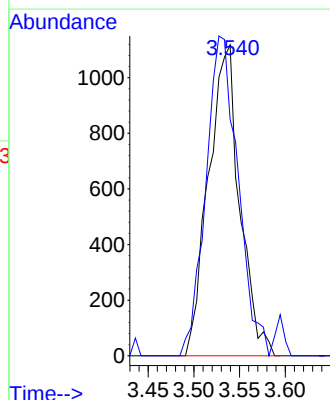
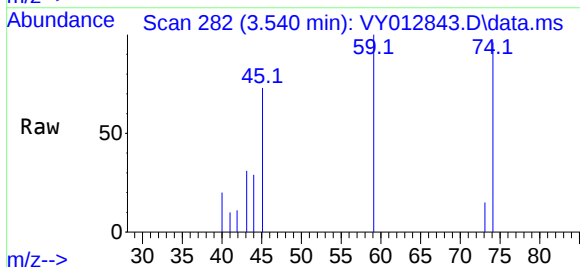
Instrument : MSVOA_Y
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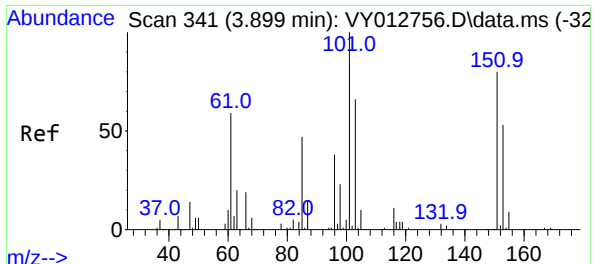
Tgt Ion:101 Resp: 7172
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 4.596 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.012 min
 Lab File: VY012843.D
 Acq: 07 Mar 2023 14:34

Tgt Ion: 74 Resp: 2658
 Ion Ratio Lower Upper
 74 100
 45 105.8 52.1 156.4

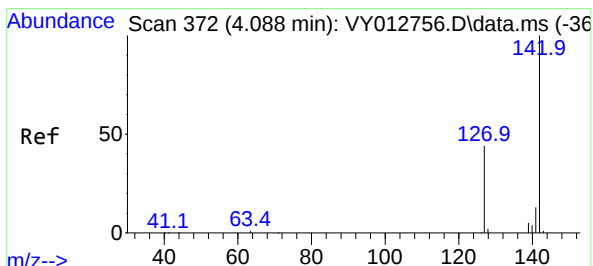
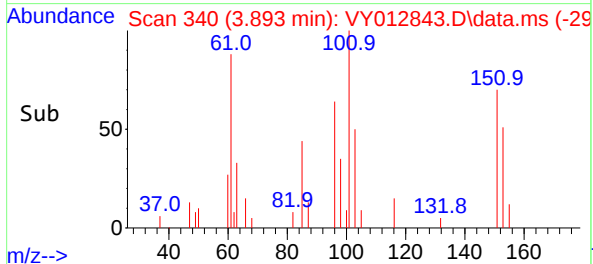
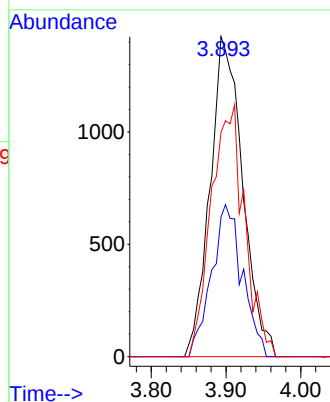
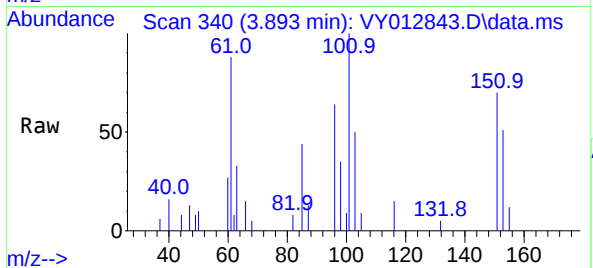




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.349 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

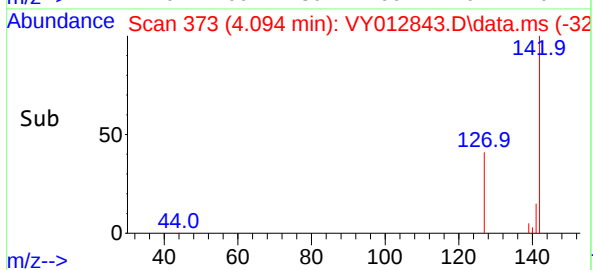
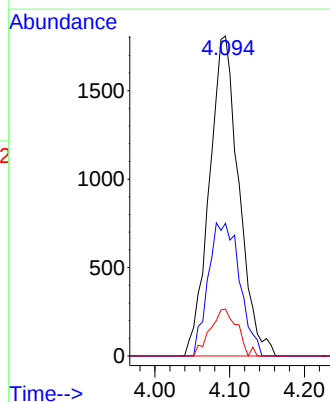
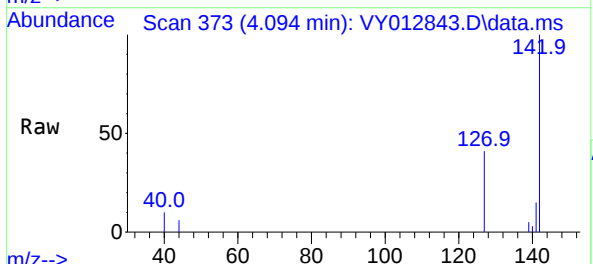
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

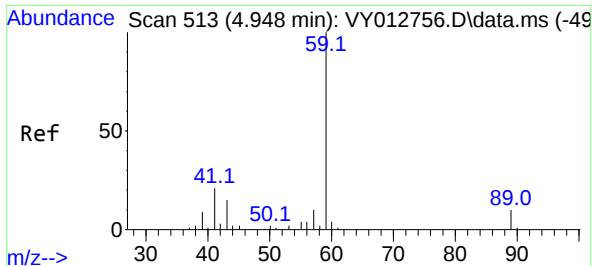
Tgt Ion:101 Resp: 4318
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 80.5 63.1 94.7



#10
Methyl Iodide
Concen: 3.840 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:142 Resp: 4968
Ion Ratio Lower Upper
142 100
127 44.4 35.4 53.2
141 13.4 11.3 16.9





#11

Tert butyl alcohol

Concen: 27.706 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

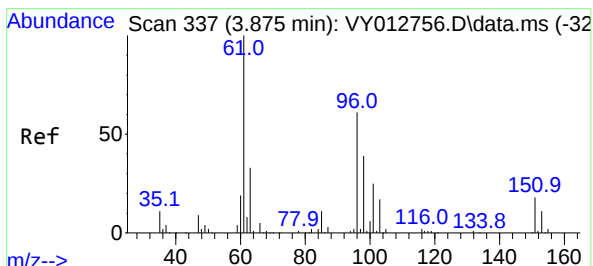
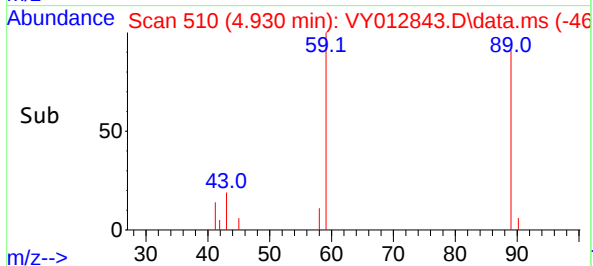
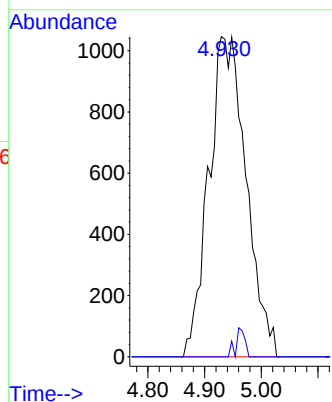
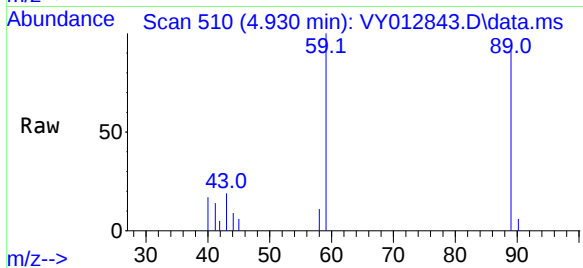
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 59 Resp: 4791

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 4.321 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

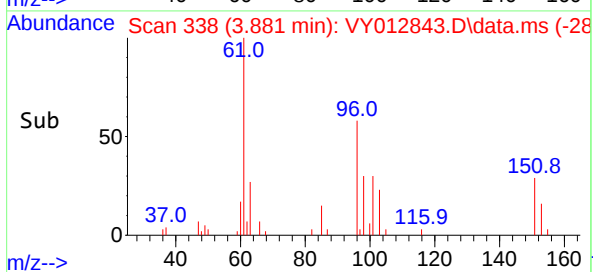
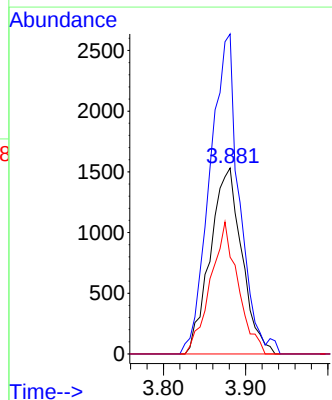
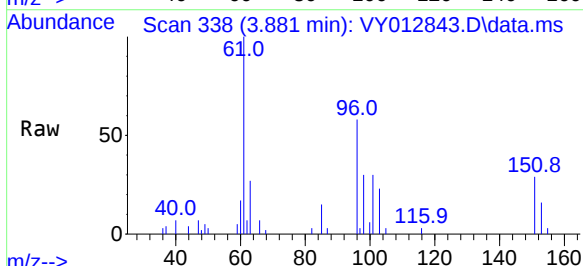
Tgt Ion: 96 Resp: 4092

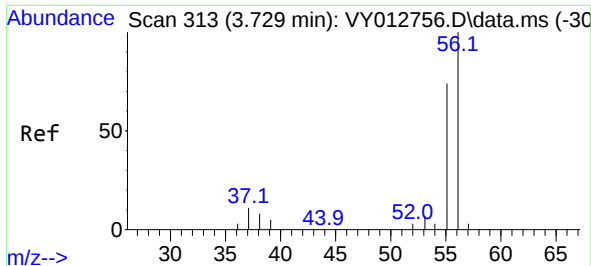
Ion Ratio Lower Upper

96 100

61 172.1 131.7 197.5

98 52.1 52.0 78.0

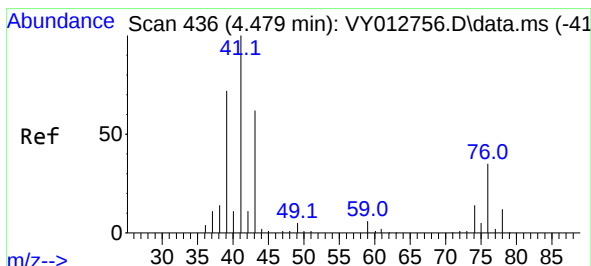
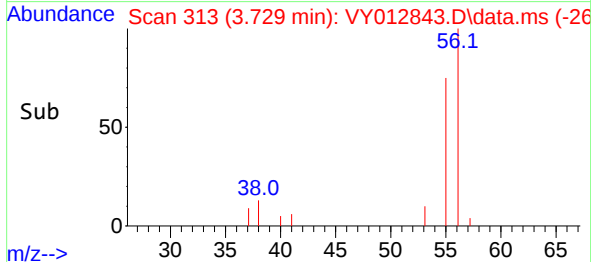
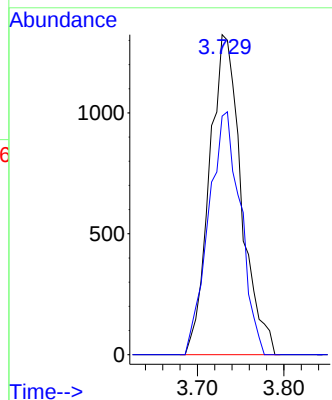
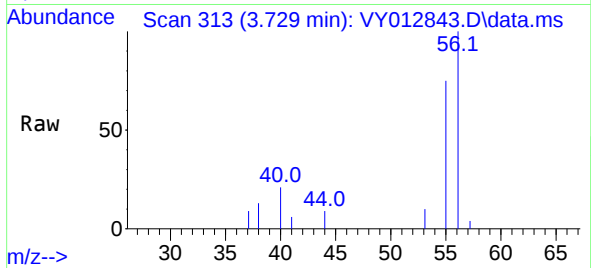




#13
Acrolein
Concen: 21.099 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

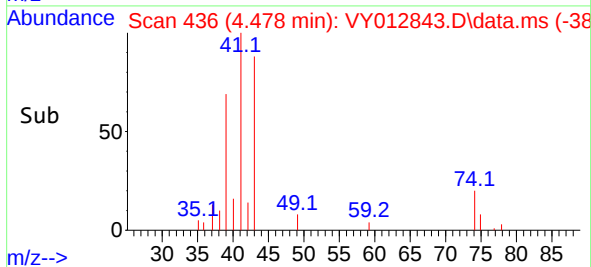
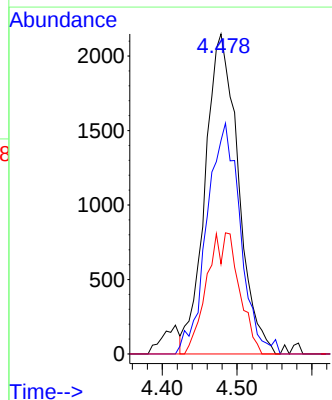
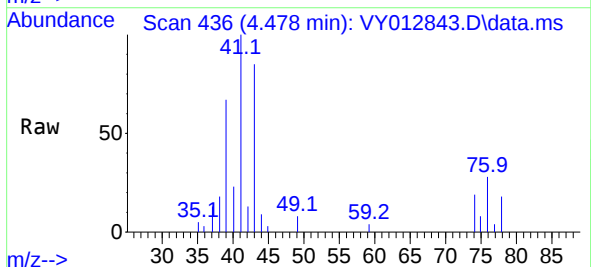
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

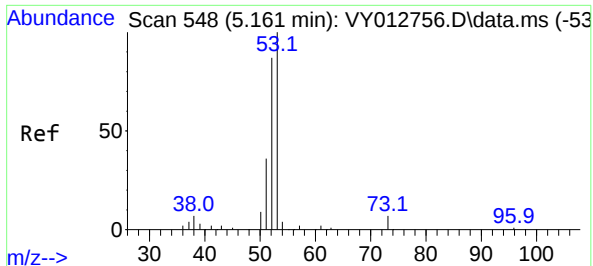
Tgt Ion: 56 Resp: 3375
Ion Ratio Lower Upper
56 100
55 76.1 56.8 85.2



#14
Allyl chloride
Concen: 3.781 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 41 Resp: 6614
Ion Ratio Lower Upper
41 100
39 73.1 53.6 80.4
76 37.1 27.2 40.8

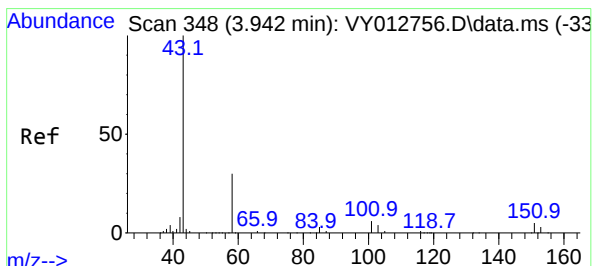
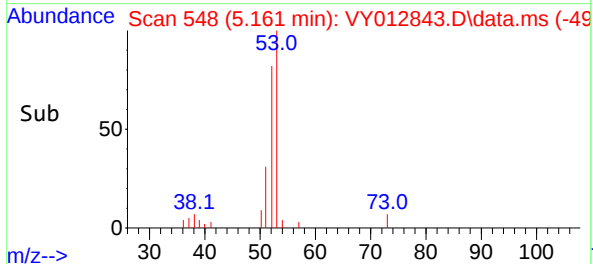
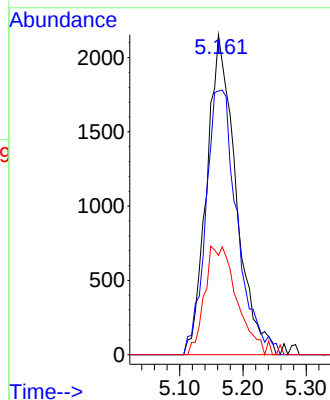
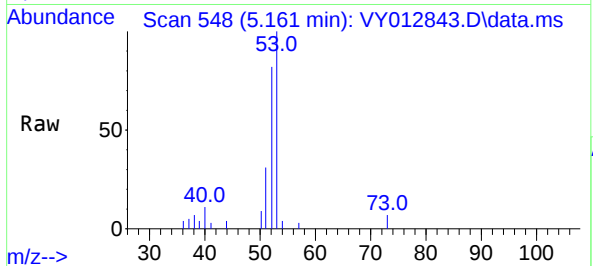




#15
Acrylonitrile
Concen: 22.687 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

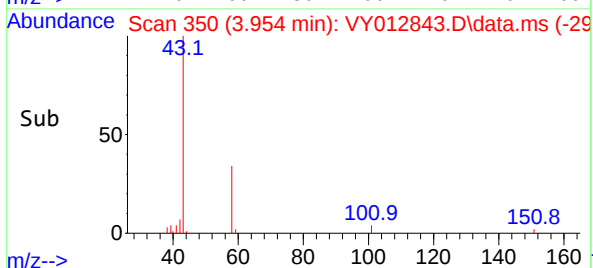
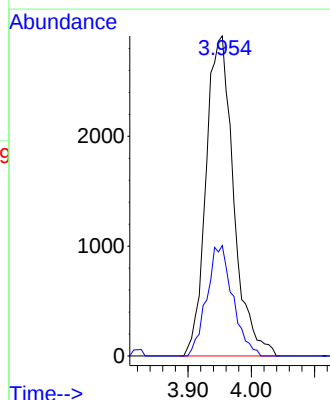
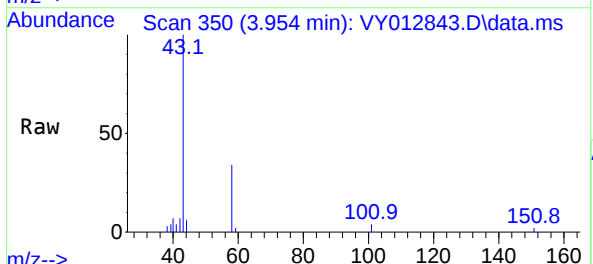
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

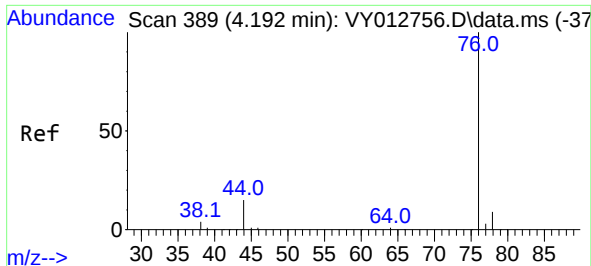
Tgt Ion: 53 Resp: 6913
Ion Ratio Lower Upper
53 100
52 89.2 66.3 99.5
51 37.6 28.8 43.2



#16
Acetone
Concen: 24.604 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 43 Resp: 8817
Ion Ratio Lower Upper
43 100
58 34.5 24.2 36.2

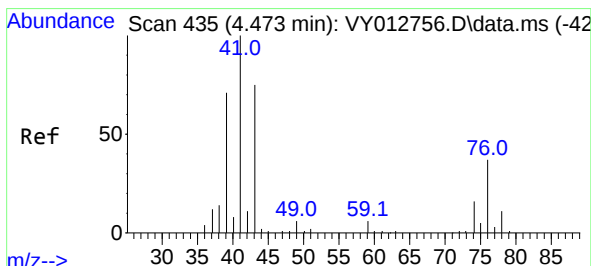
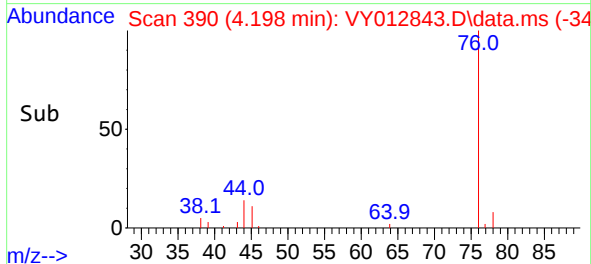
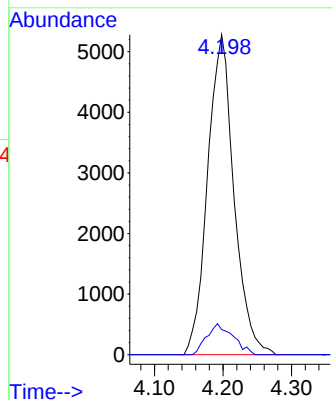
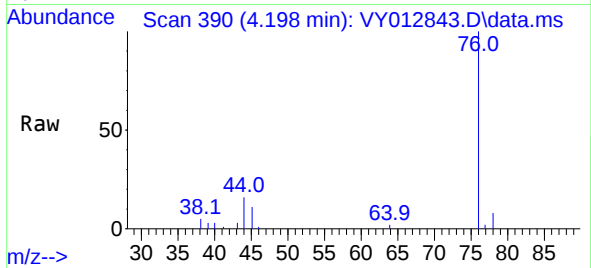




#17
Carbon Disulfide
Concen: 4.385 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

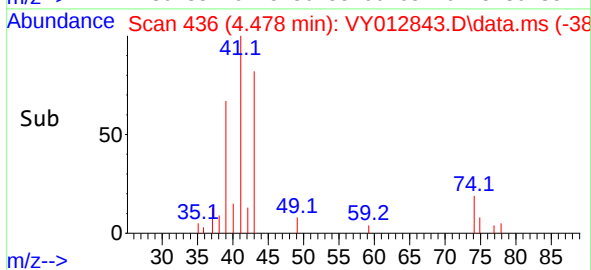
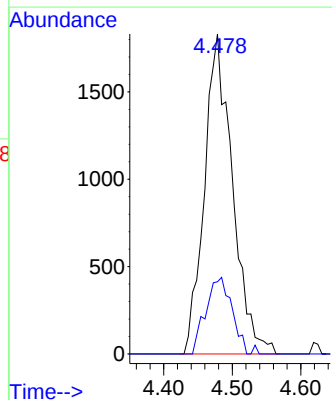
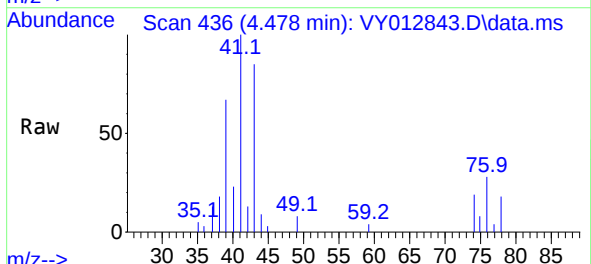
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

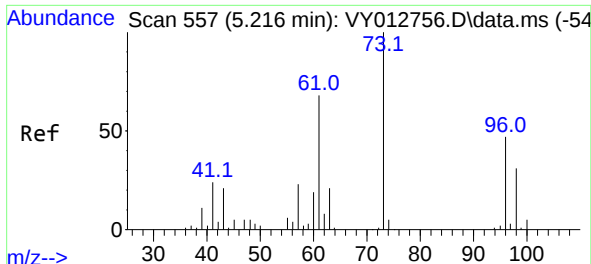
Tgt Ion: 76 Resp: 14135
Ion Ratio Lower Upper
76 100
78 7.8 7.1 10.7



#18
Methyl Acetate
Concen: 4.883 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 43 Resp: 5211
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.371 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

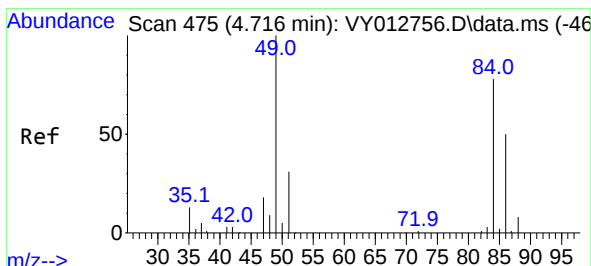
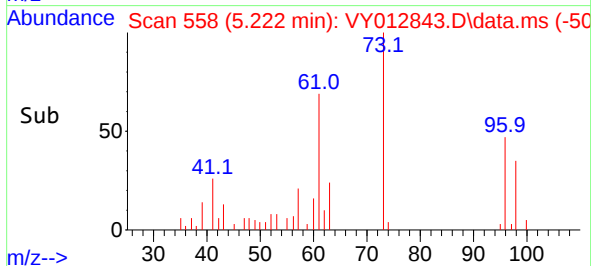
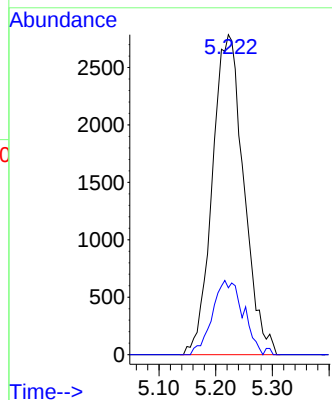
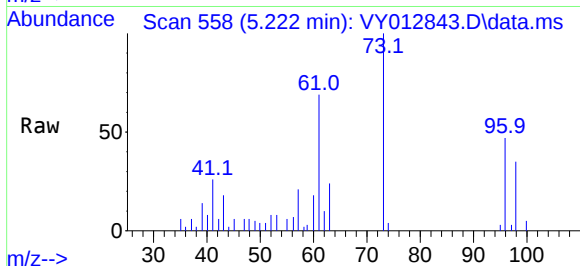
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 73 Resp: 10690

Ion Ratio Lower Upper

73 100

57 20.9 18.3 27.5



#20

Methylene Chloride

Concen: 5.401 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Tgt Ion: 84 Resp: 11147

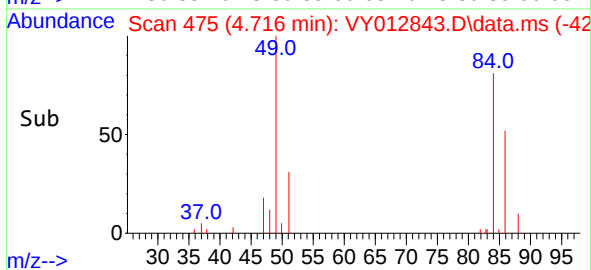
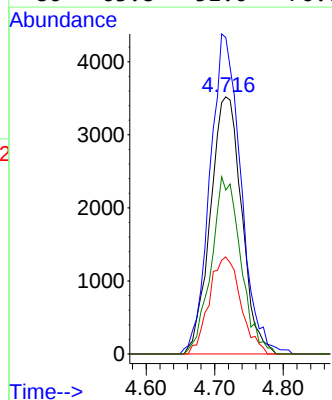
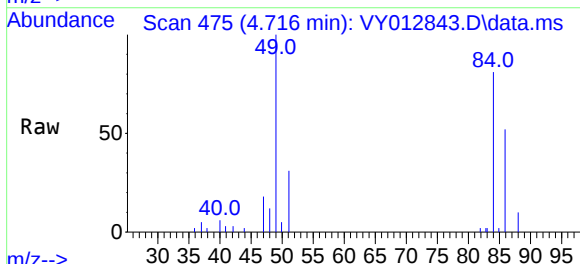
Ion Ratio Lower Upper

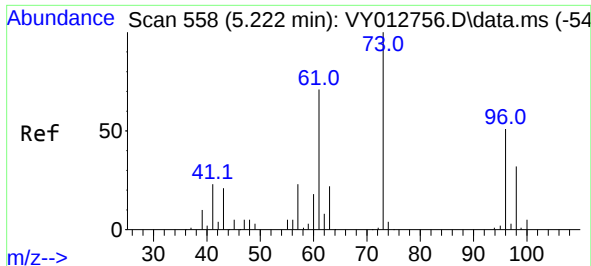
84 100

49 123.0 102.6 154.0

51 37.7 31.9 47.9

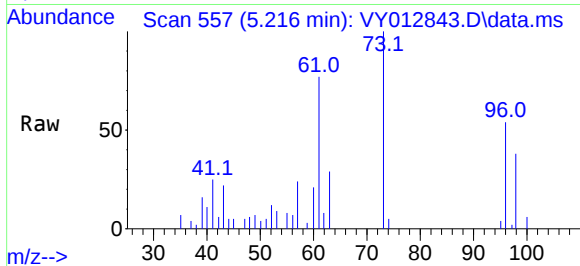
86 63.8 51.0 76.6



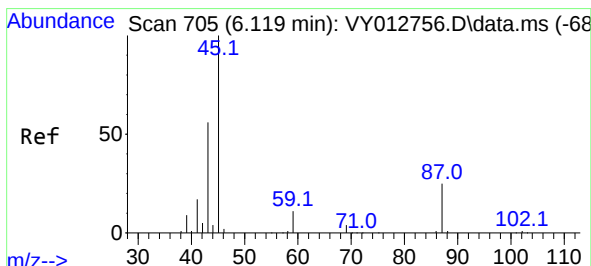
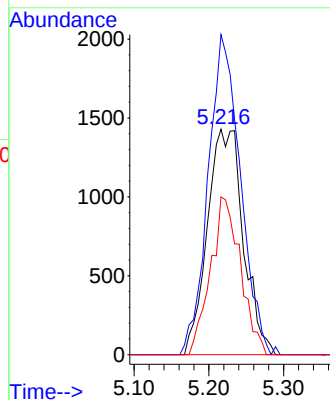
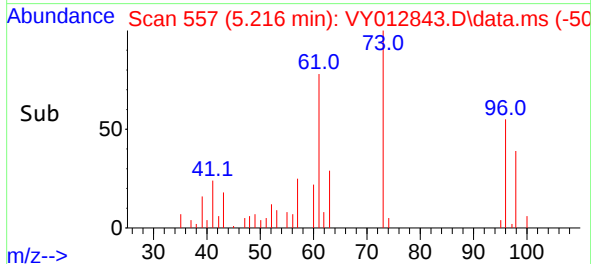


#21
trans-1,2-Dichloroethene
Concen: 4.651 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

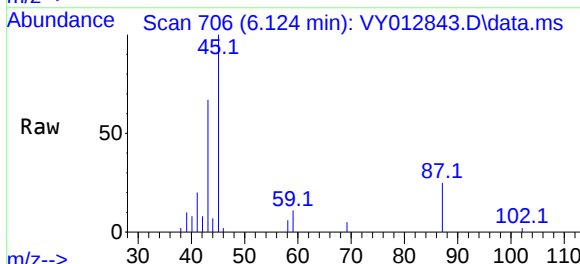
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



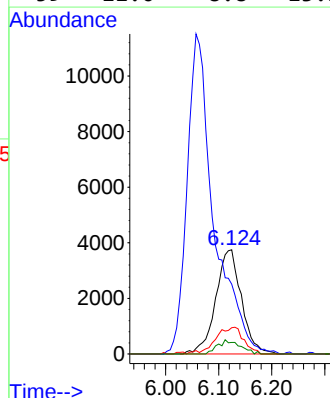
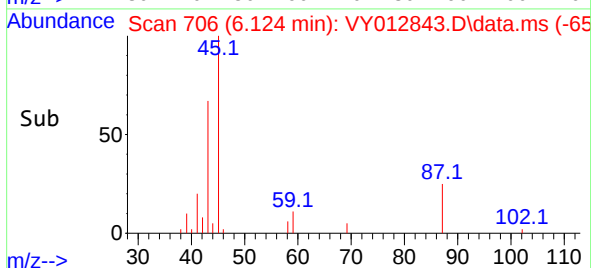
Tgt Ion: 96 Resp: 4786
Ion Ratio Lower Upper
96 100
61 141.9 111.4 167.0
98 70.0 50.8 76.2

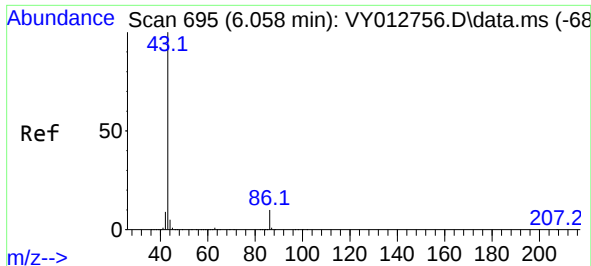


#22
Diisopropyl ether
Concen: 3.968 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.005 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34



Tgt Ion: 45 Resp: 12608
Ion Ratio Lower Upper
45 100
43 67.1 45.0 67.6
87 25.3 20.3 30.5
59 11.0 8.8 13.2

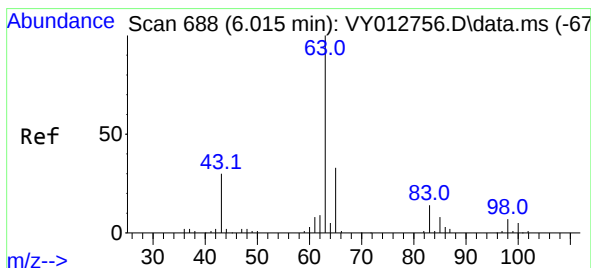
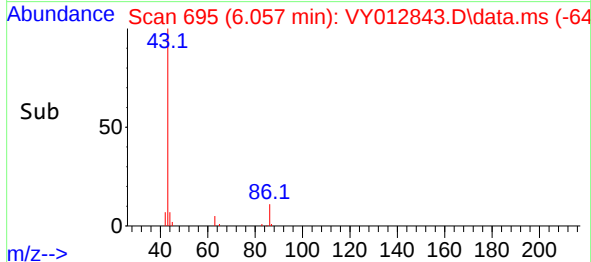
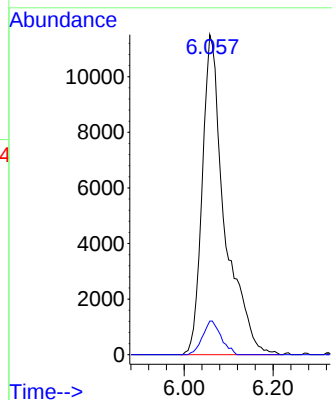
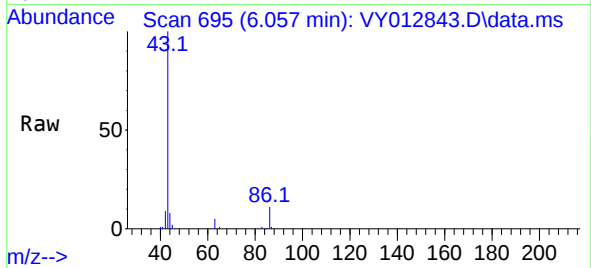




#23
 Vinyl Acetate
 Concen: 20.481 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY012843.D
 Acq: 07 Mar 2023 14:34

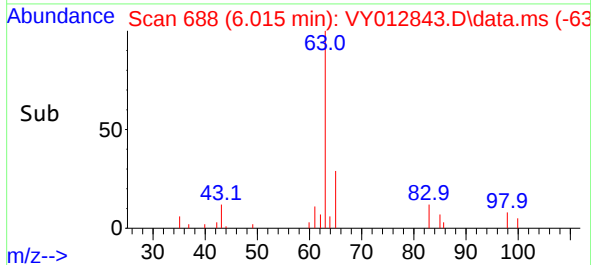
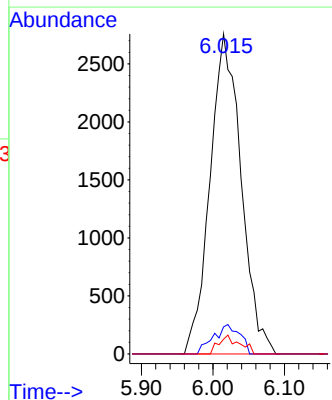
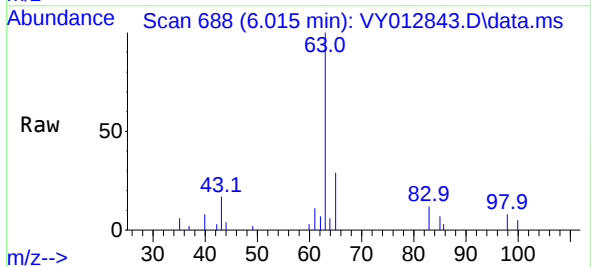
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

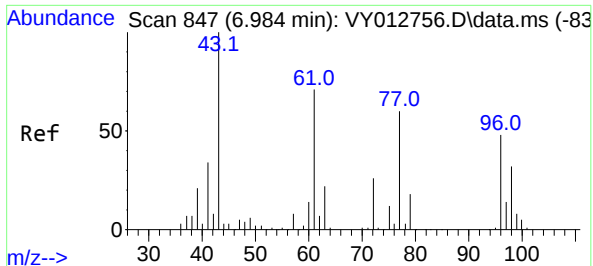
Tgt Ion: 43 Resp: 40430
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 4.601 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012843.D
 Acq: 07 Mar 2023 14:34

Tgt Ion: 63 Resp: 8330
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 25.790 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

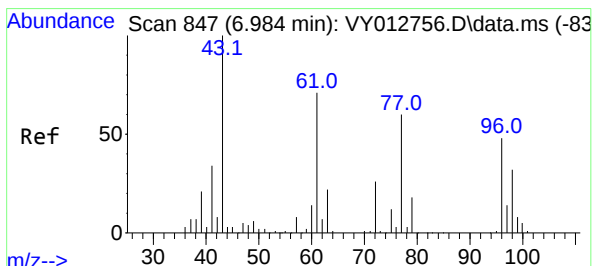
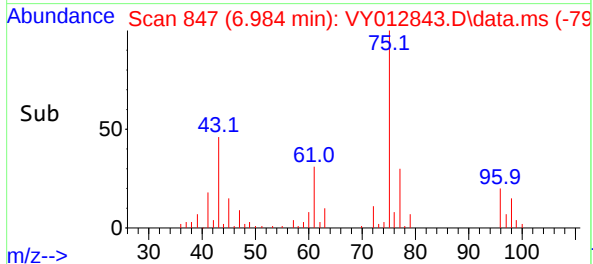
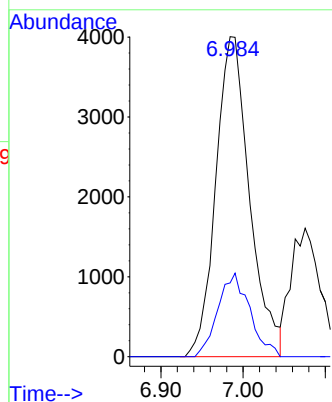
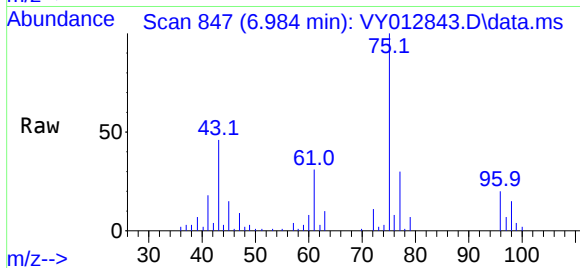
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 43 Resp: 11447

Ion Ratio Lower Upper

43 100

72 23.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 4.941 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012843.D

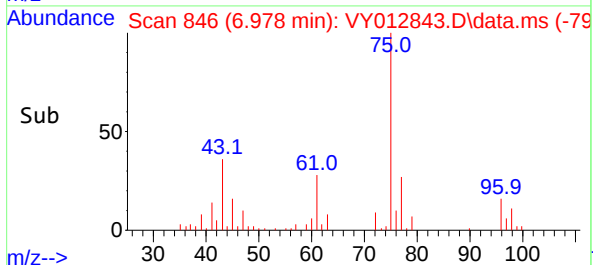
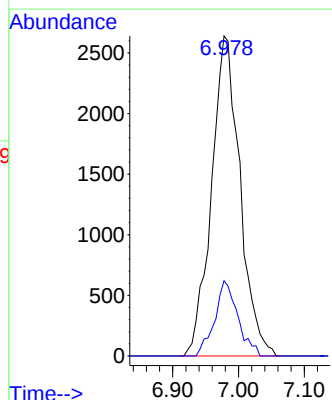
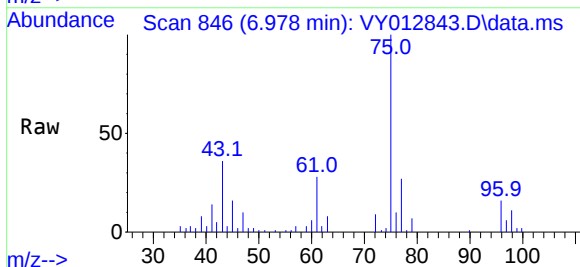
Acq: 07 Mar 2023 14:34

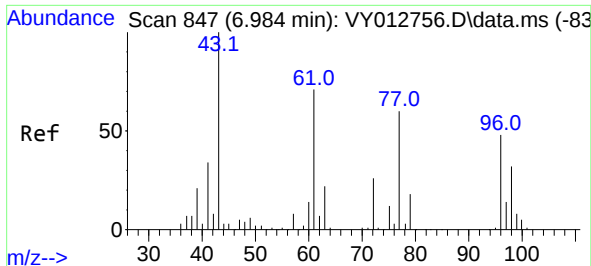
Tgt Ion: 77 Resp: 7944

Ion Ratio Lower Upper

77 100

97 19.1 11.7 35.0

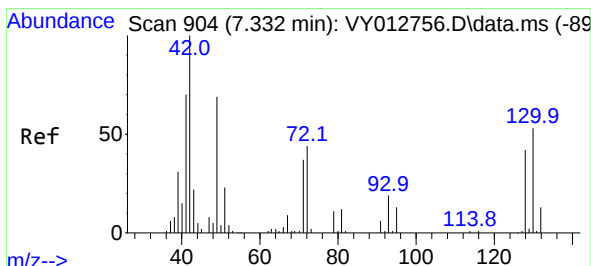
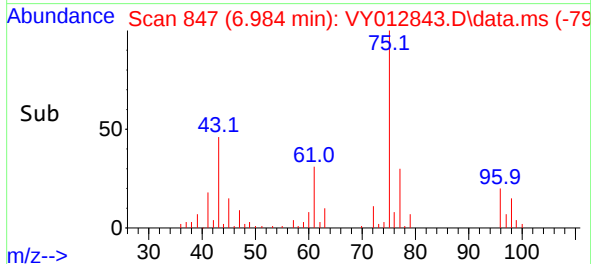
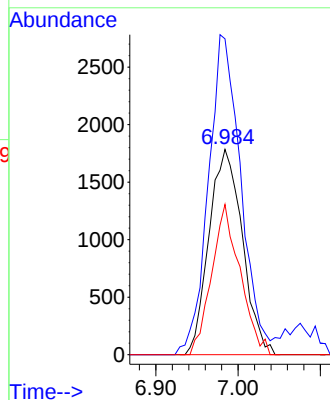
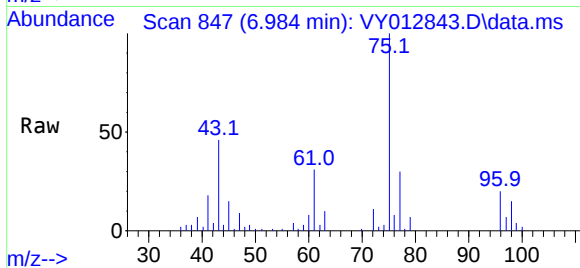




#27
 cis-1,2-Dichloroethene
 Concen: 4.561 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012843.D
 Acq: 07 Mar 2023 14:34

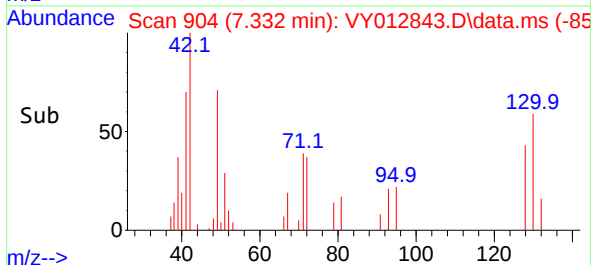
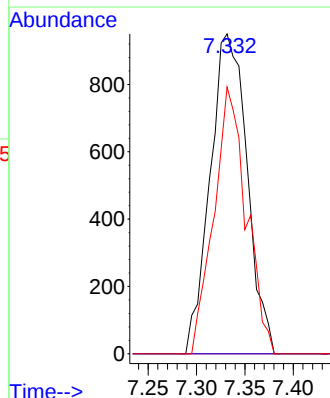
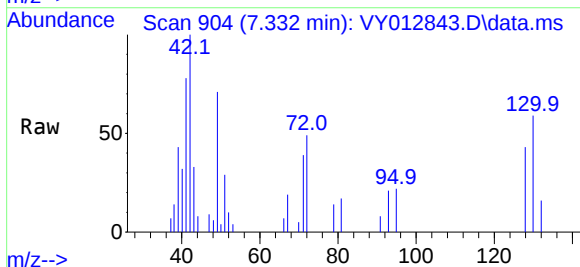
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

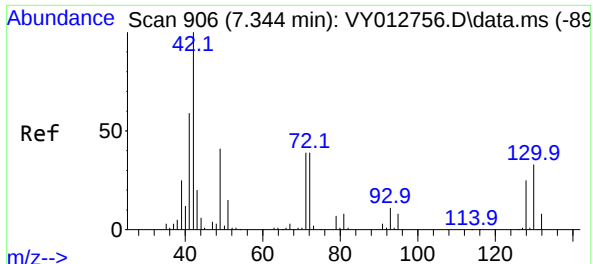
Tgt Ion: 96	Resp: 5032		
Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	295.8
98	62.6	0.0	130.2



#28
 Bromochloromethane
 Concen: 3.818 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012843.D
 Acq: 07 Mar 2023 14:34

Tgt Ion: 49	Resp: 2526
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.2
130 73.3	60.5 90.7

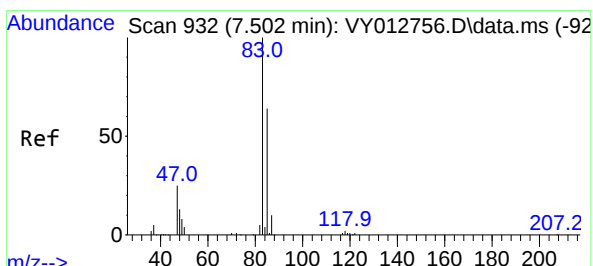
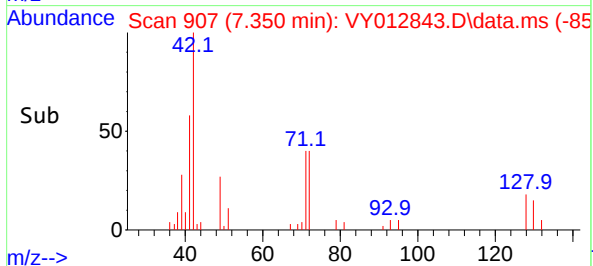
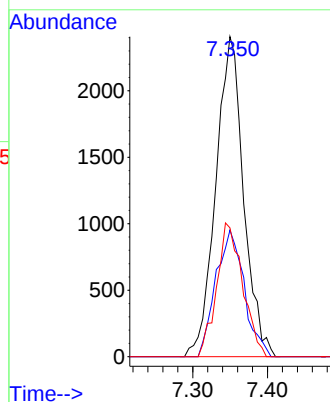
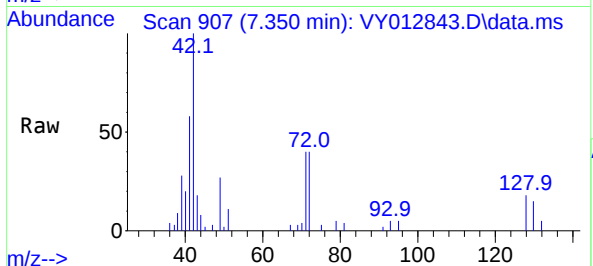




#29
Tetrahydrofuran
Concen: 23.283 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

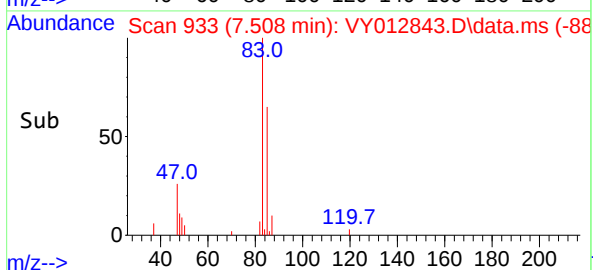
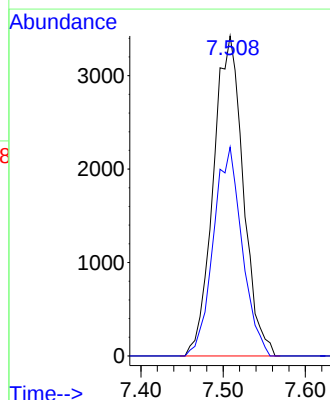
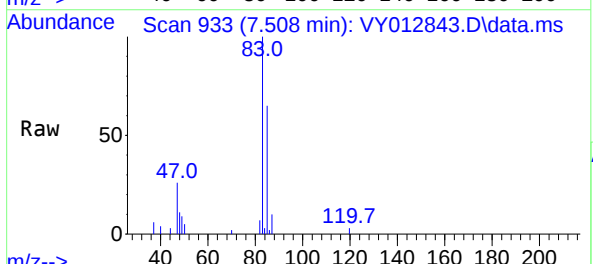
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

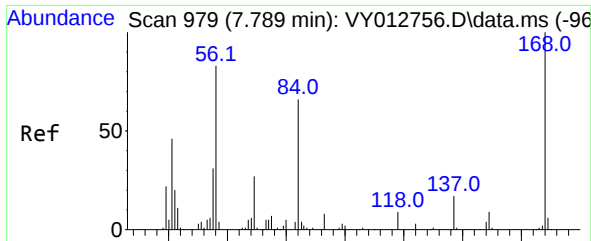
Tgt Ion:	42	Resp:	6233
Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.3	48.5
71	38.9	30.3	45.5



#30
Chloroform
Concen: 4.851 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

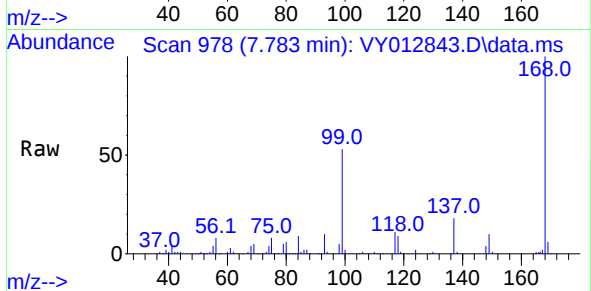
Tgt Ion:	83	Resp:	8675
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.0



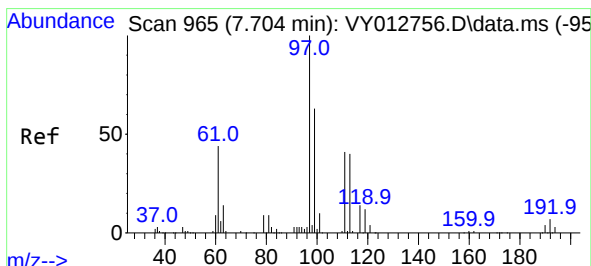
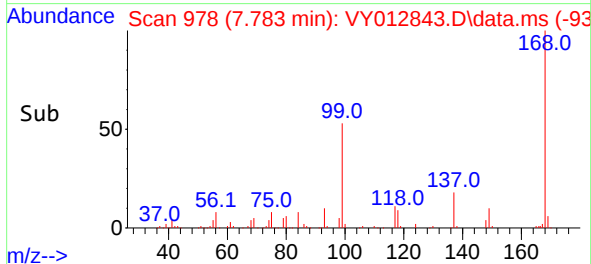
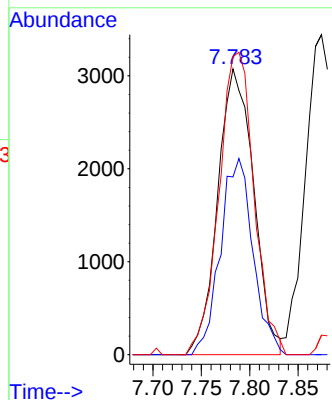


#31
Cyclohexane
Concen: 4.536 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

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

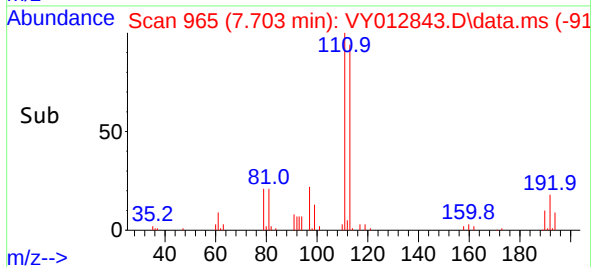
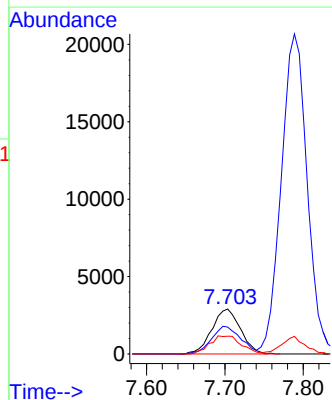
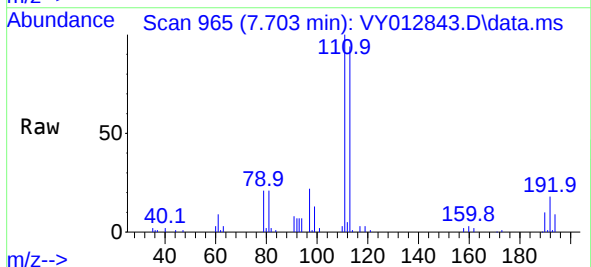


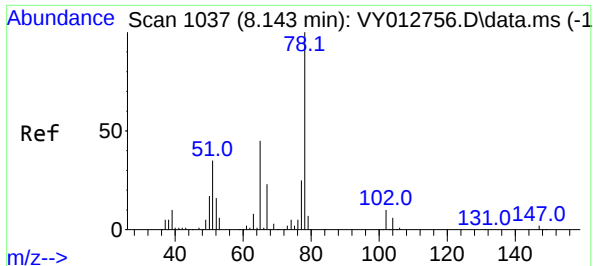
Tgt Ion: 56 Resp: 7931
Ion Ratio Lower Upper
56 100
69 62.2 25.7 38.5#
84 104.4 64.3 96.5#



#32
1,1,1-Trichloroethane
Concen: 4.540 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 97 Resp: 7342
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 43.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.987 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

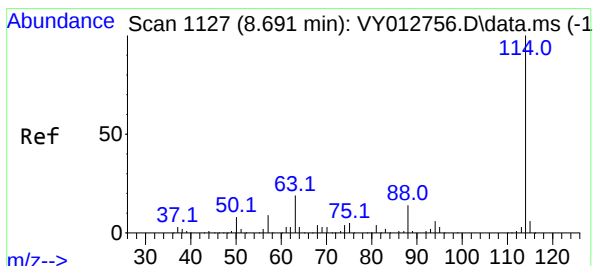
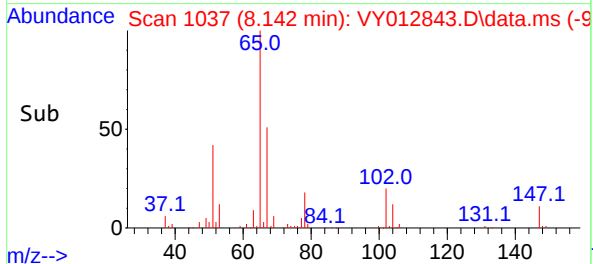
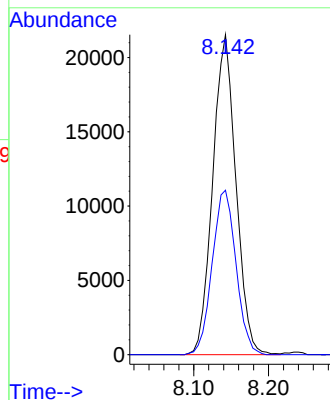
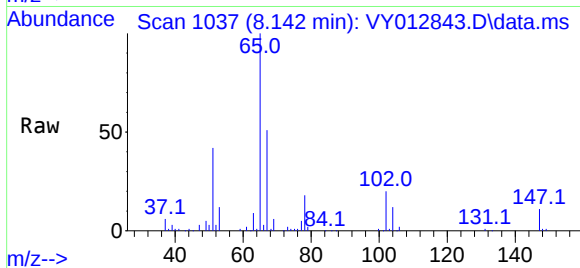
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 65 Resp: 46551

Ion Ratio Lower Upper

65 100

67 52.7 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: VY012843.D

Acq: 07 Mar 2023 14:34

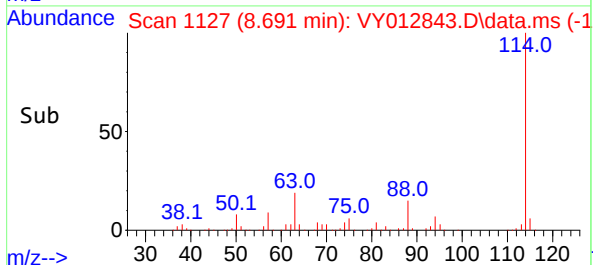
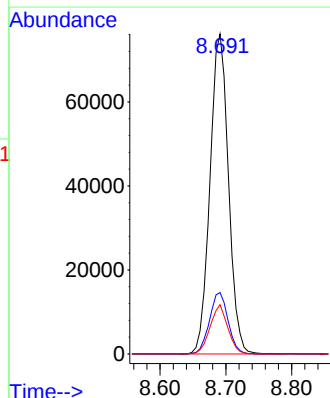
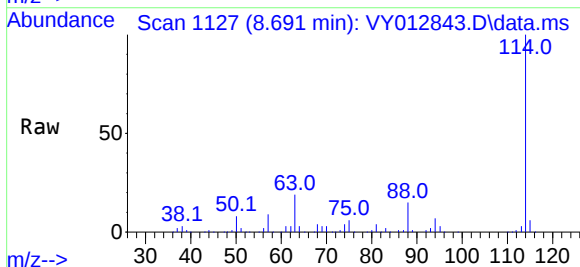
Tgt Ion: 114 Resp: 148784

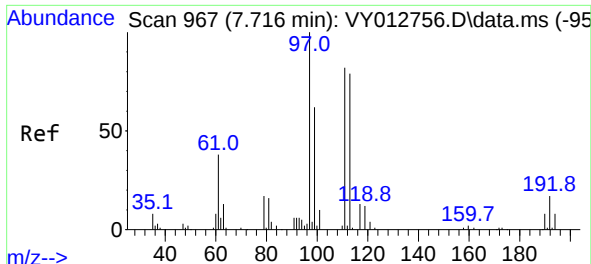
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.4 0.0 28.6

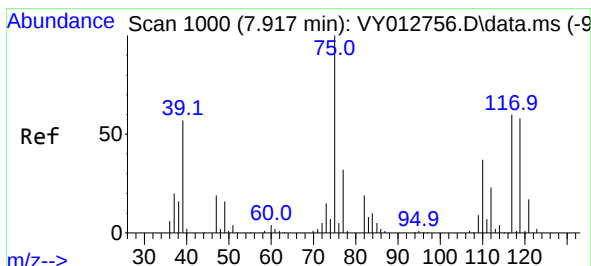
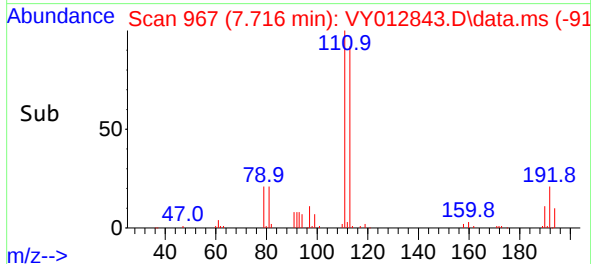
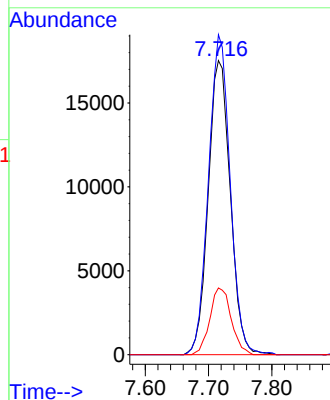
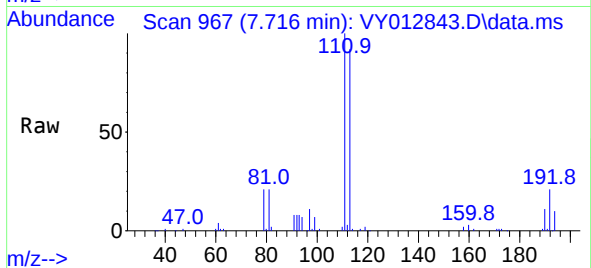




#35
Dibromofluoromethane
Concen: 47.381 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

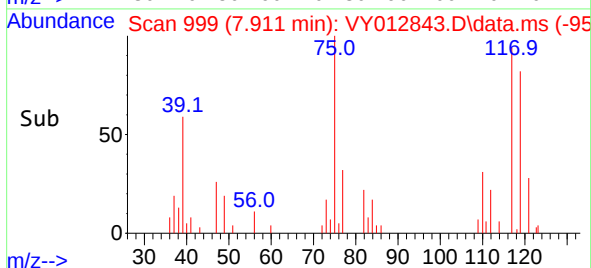
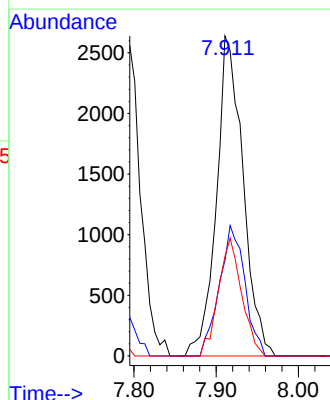
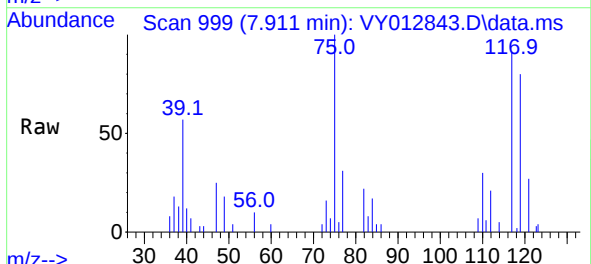
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

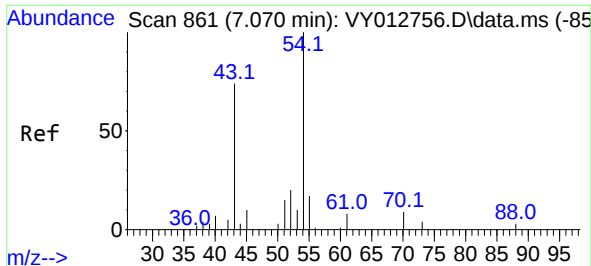
Tgt Ion:113 Resp: 42544
Ion Ratio Lower Upper
113 100
111 106.6 82.2 123.2
192 22.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.944 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 75 Resp: 5934
Ion Ratio Lower Upper
75 100
110 39.0 17.8 53.3
77 32.4 25.0 37.4



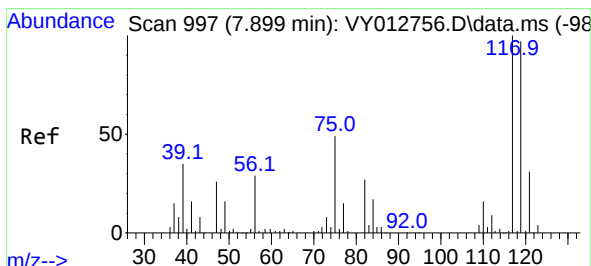
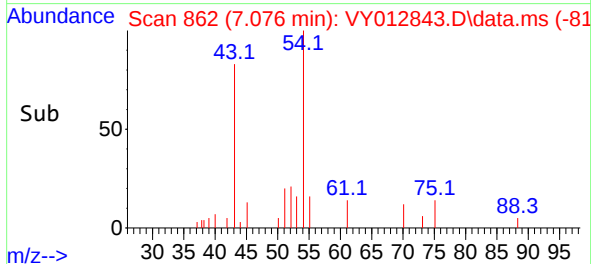
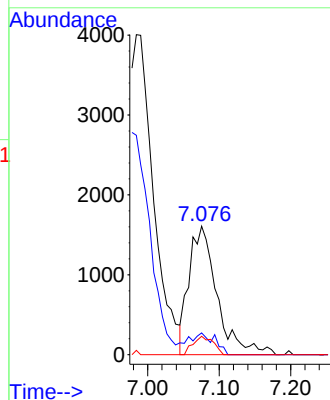
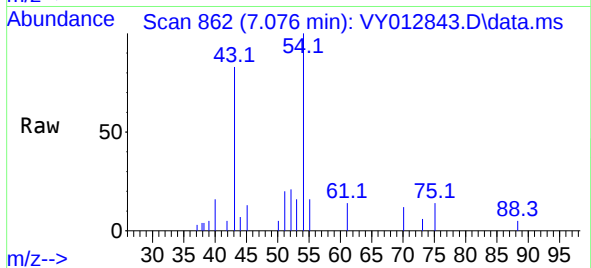


#37
Ethyl Acetate
Concen: 4.625 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

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

Tgt Ion: 43 Resp: 4386

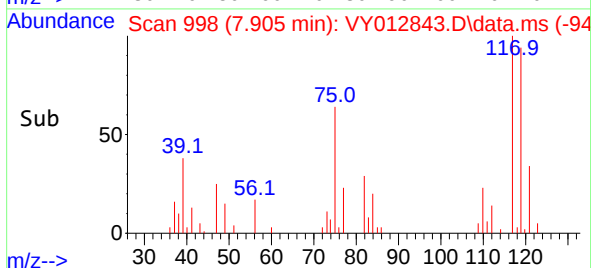
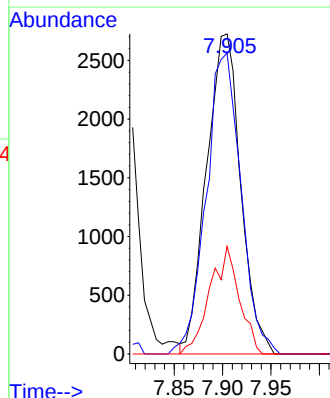
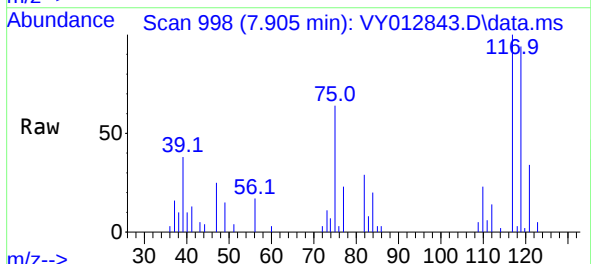
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.7	16.1
70	10.3	7.8	11.8

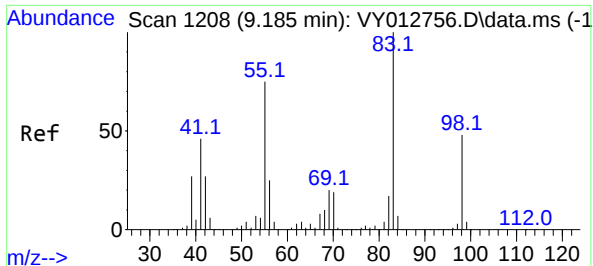


#38
Carbon Tetrachloride
Concen: 4.307 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 117 Resp: 6692

Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.2	115.8
121	33.6	24.7	37.1





#39

Methylcyclohexane

Concen: 3.689 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

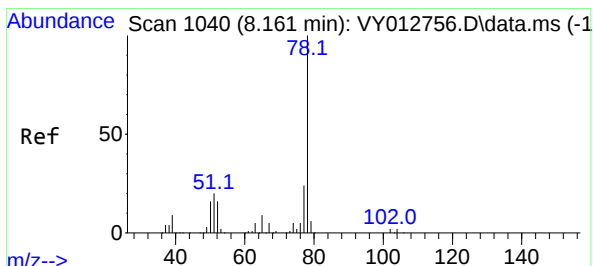
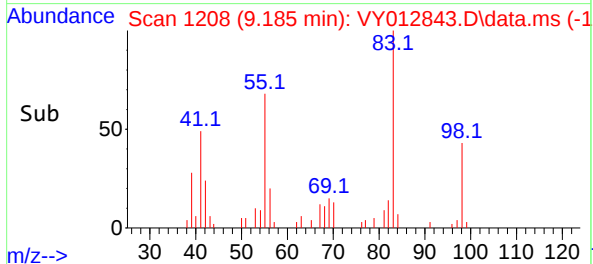
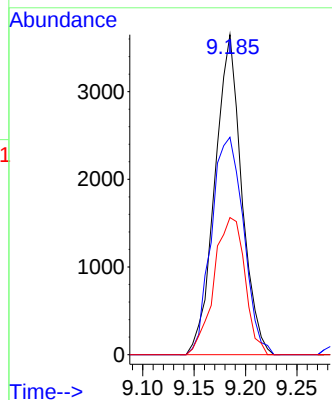
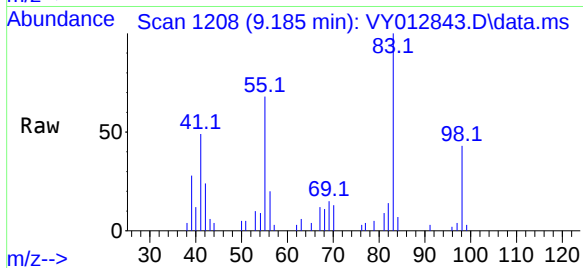
Tgt Ion: 83 Resp: 6600

Ion Ratio Lower Upper

83 100

55 67.9 60.0 90.0

98 42.8 38.3 57.5



#40

Benzene

Concen: 4.366 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012843.D

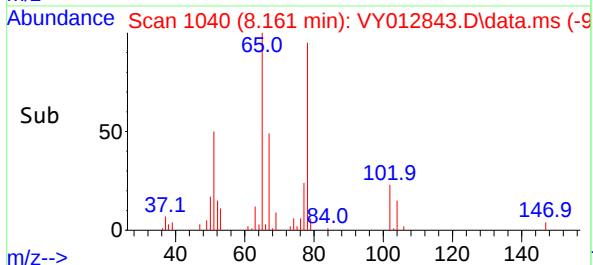
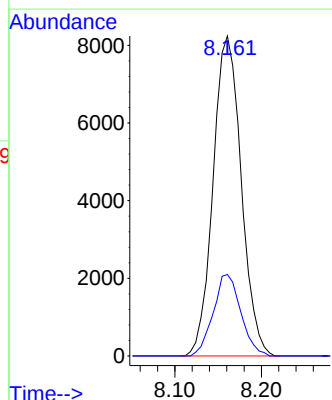
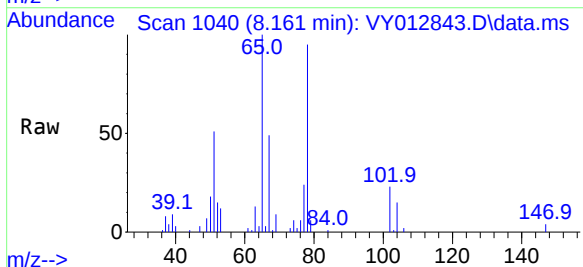
Acq: 07 Mar 2023 14:34

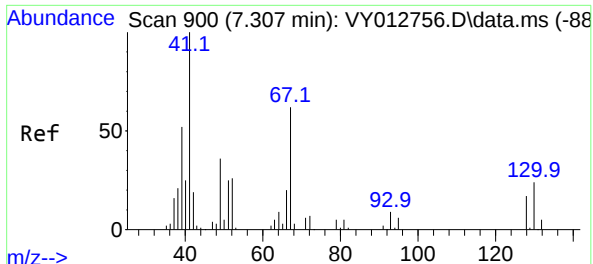
Tgt Ion: 78 Resp: 18584

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0

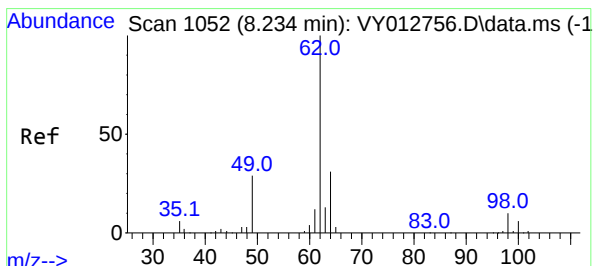
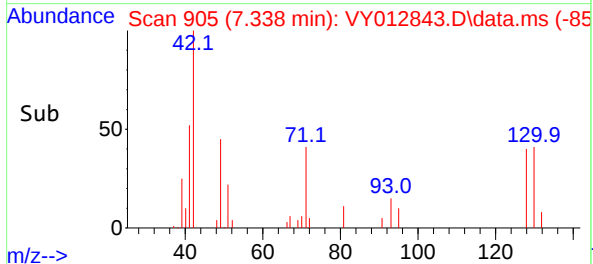
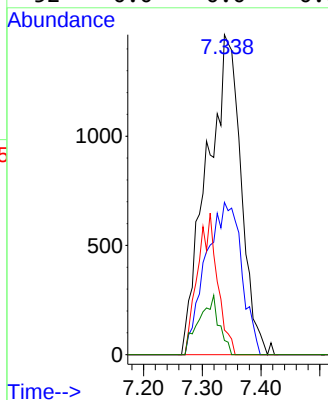
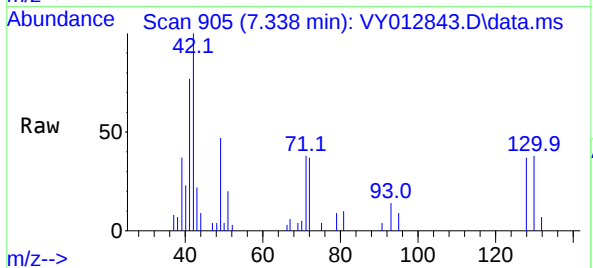




#41
Methacrylonitrile
Concen: 11.547 ug/l
RT: 7.338 min Scan# 900
Delta R.T. 0.030 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

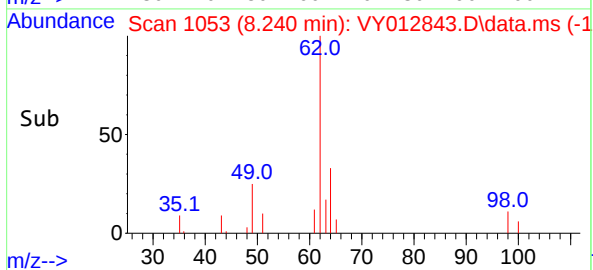
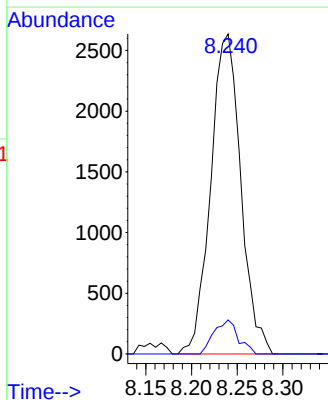
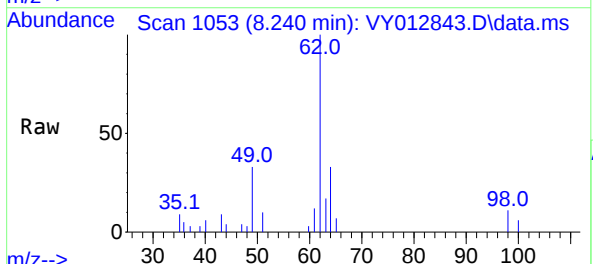
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

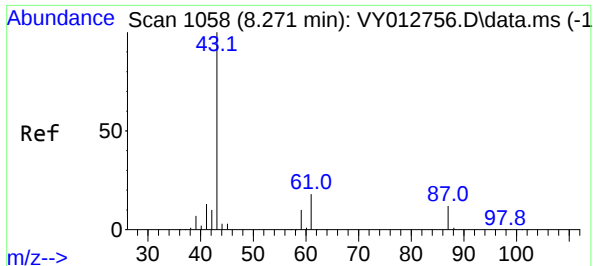
Tgt Ion: 41	Resp: 5900
Ion Ratio	Lower Upper
41	100
39	49.9 0.0 0.0#
67	0.0 0.0 0.0
52	0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.719 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 62	Resp: 6039
Ion Ratio	Lower Upper
62	100
98	8.6 0.0 18.8

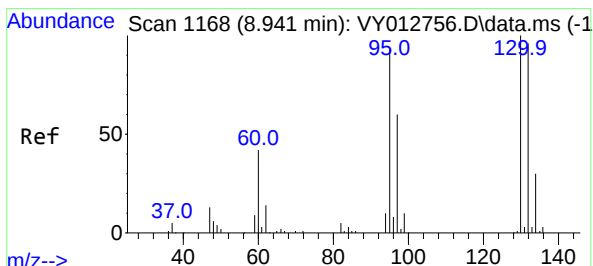
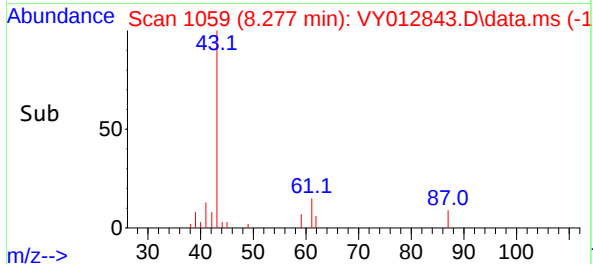
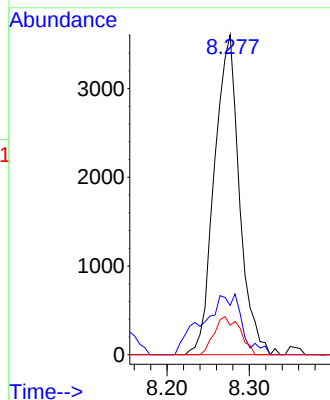
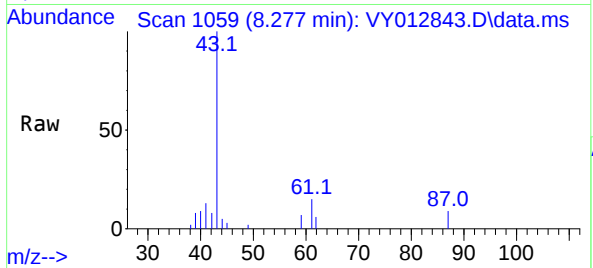




#43
Isopropyl Acetate
Concen: 4.516 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

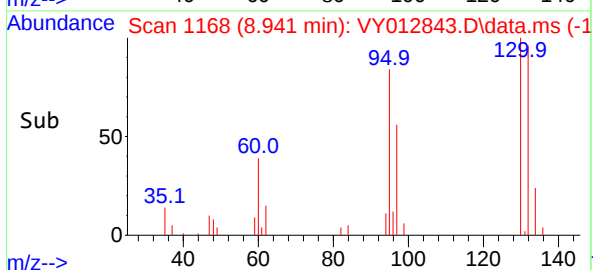
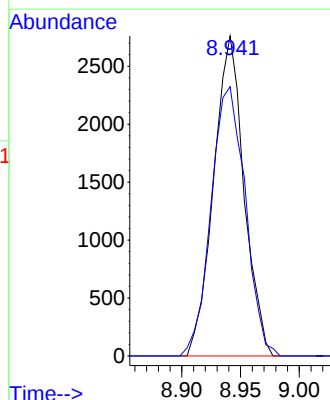
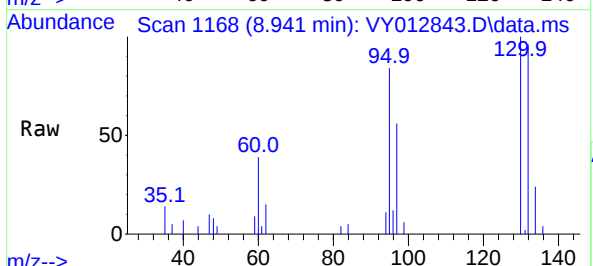
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

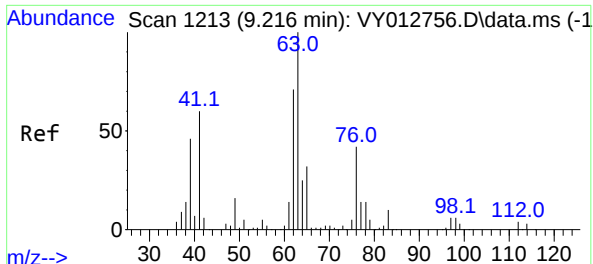
Tgt Ion: 43	Resp: 7641
Ion Ratio	Lower Upper
43 100	
61 29.7	21.6 32.4
87 12.2	9.9 14.9



#44
Trichloroethene
Concen: 4.434 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:130	Resp:	4976	
Ion	Ratio	Lower	Upper
130	100		
95	84.1	0.0	185.0

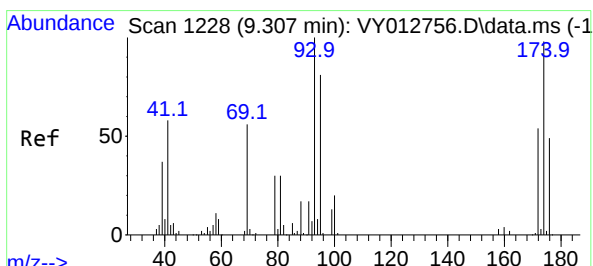
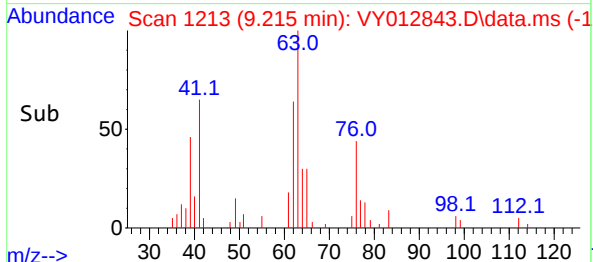
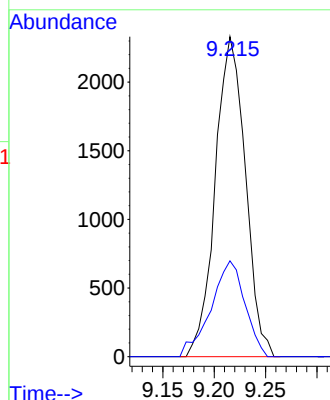
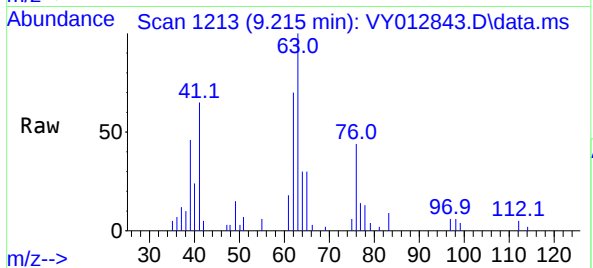




#45
1,2-Dichloropropane
Concen: 4.414 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

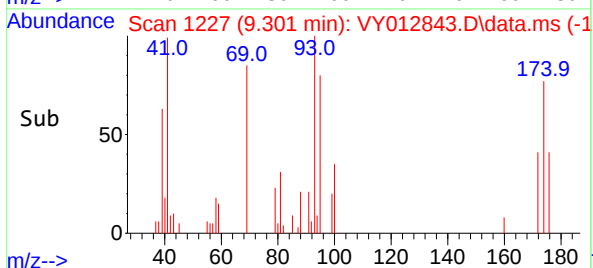
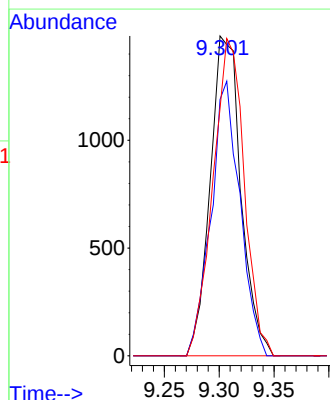
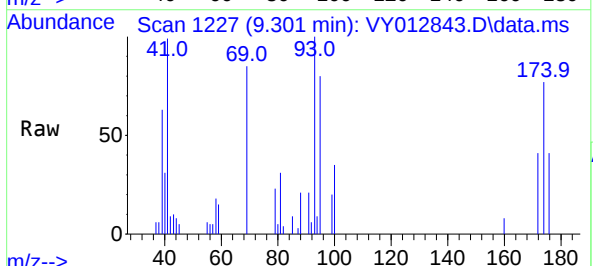
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

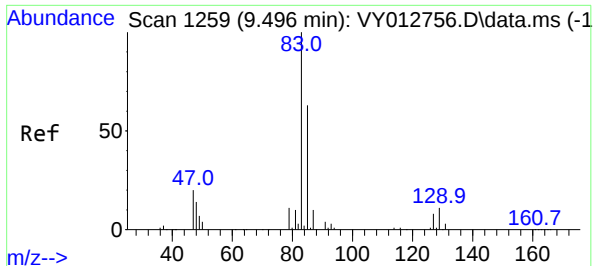
Tgt Ion: 63 Resp: 4748
Ion Ratio Lower Upper
63 100
65 29.9 25.7 38.5



#46
Dibromomethane
Concen: 4.726 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 93 Resp: 2896
Ion Ratio Lower Upper
93 100
95 81.0 65.6 98.4
174 100.9 81.3 121.9

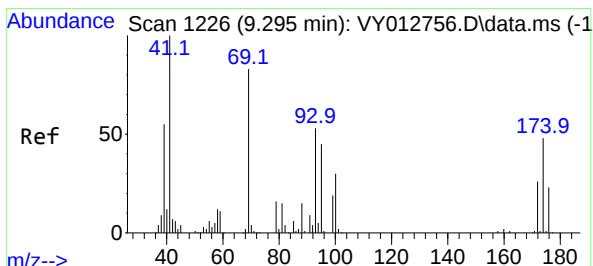
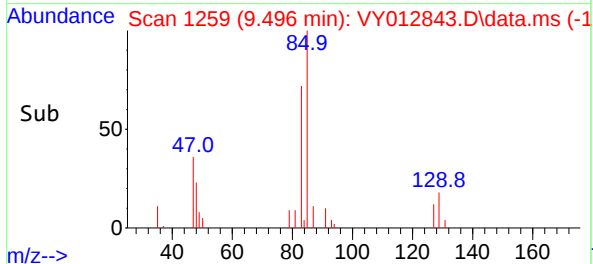
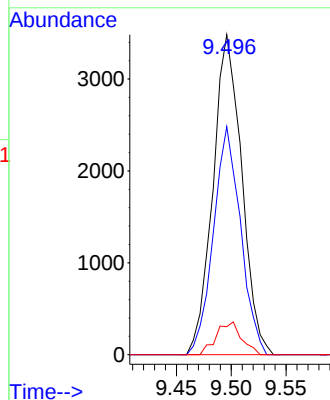
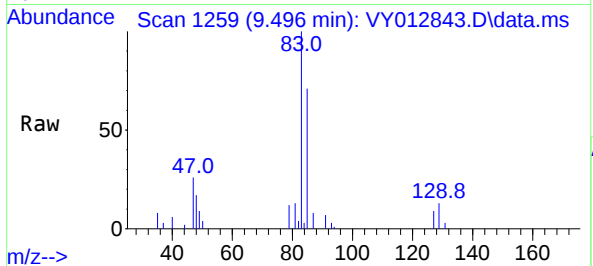




#47
Bromodichloromethane
Concen: 4.405 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

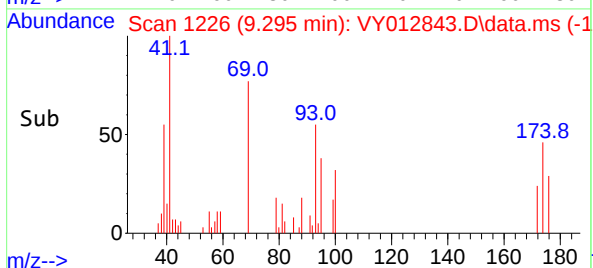
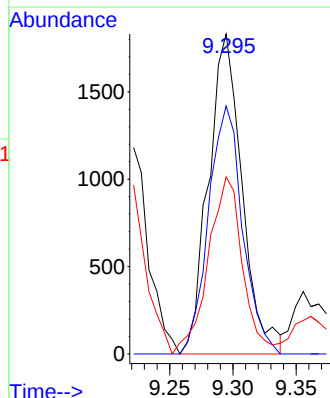
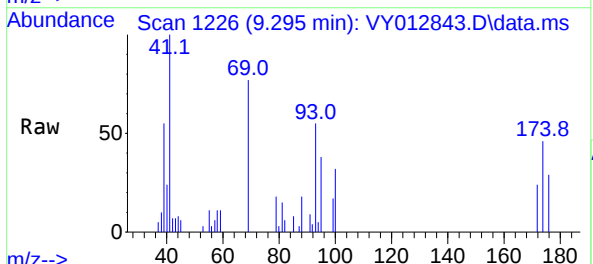
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

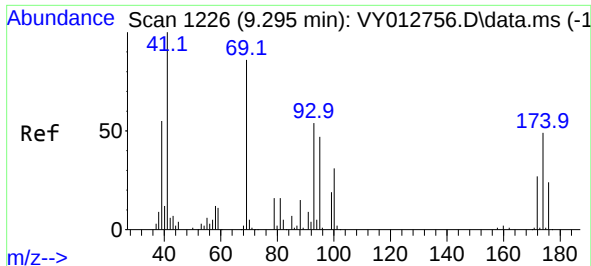
Tgt Ion: 83	Resp: 6362
Ion Ratio	Lower Upper
83 100	
85 71.2	50.2 75.4
127 8.8	6.3 9.5



#48
Methyl methacrylate
Concen: 4.348 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 41	Resp: 3390		
Ion Ratio	Lower	Upper	
41 100			
69 78.4	64.1	96.1	
39 55.8	44.0	66.0	

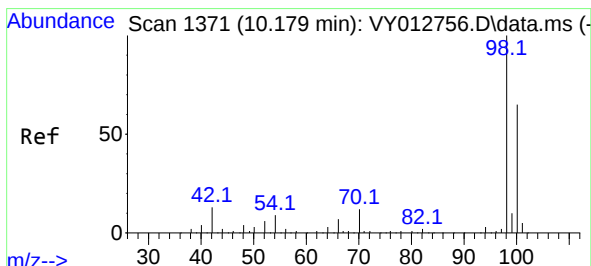
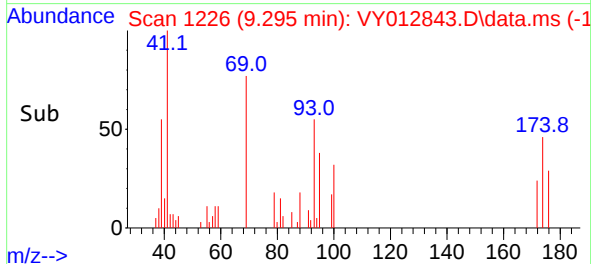
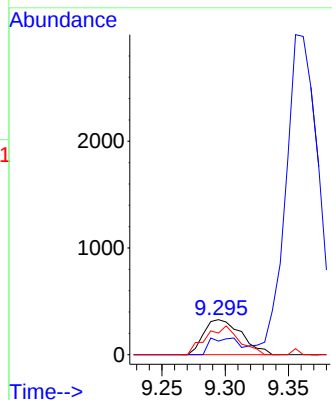
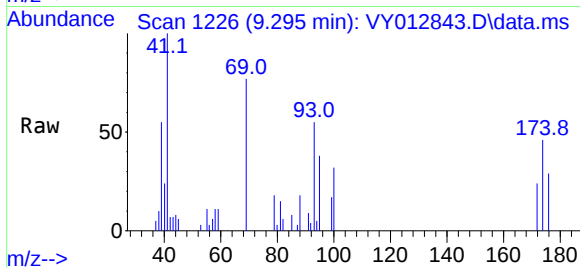




#49
1,4-Dioxane
Concen: 86.212 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

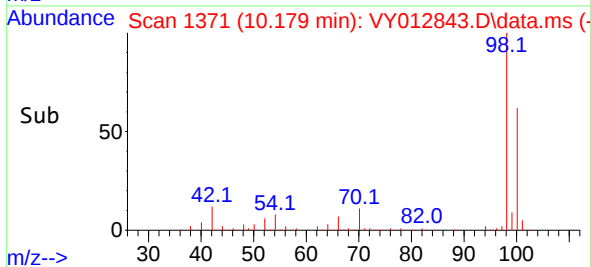
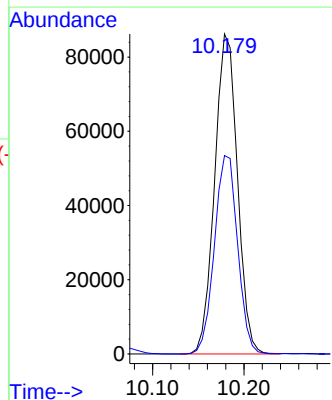
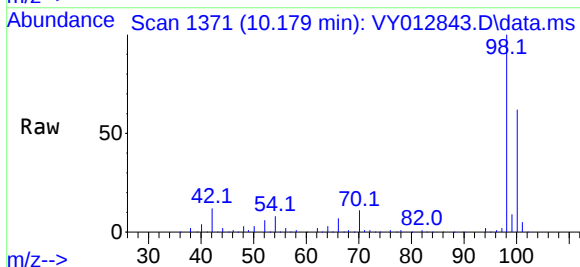
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

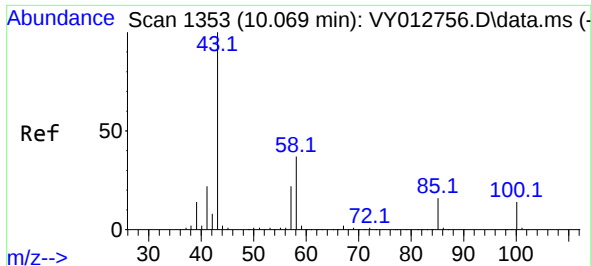
Tgt Ion: 88 Resp: 683
Ion Ratio Lower Upper
88 100
43 39.5 28.6 42.8
58 72.2 55.2 82.8



#50
Toluene-d8
Concen: 45.544 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 98 Resp: 149501
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

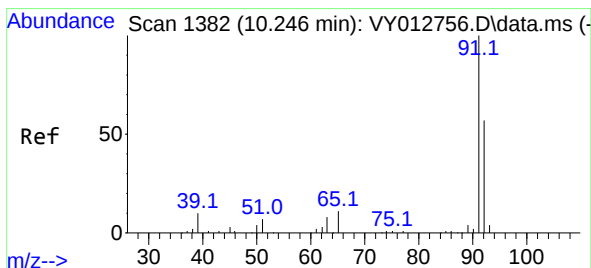
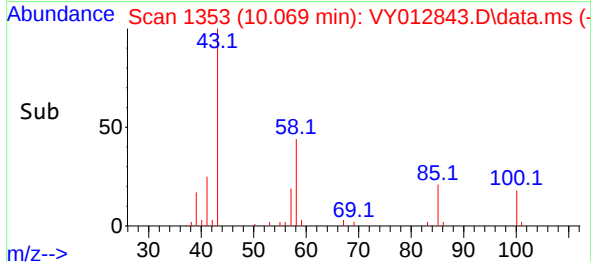
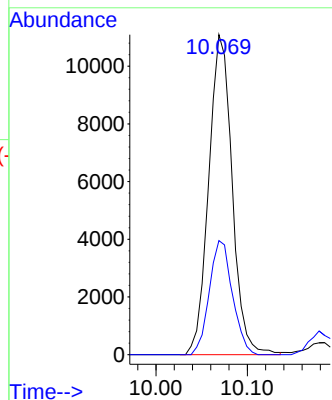
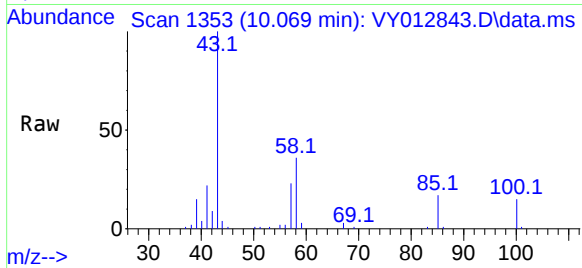




#51
4-Methyl-2-Pentanone
Concen: 21.482 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

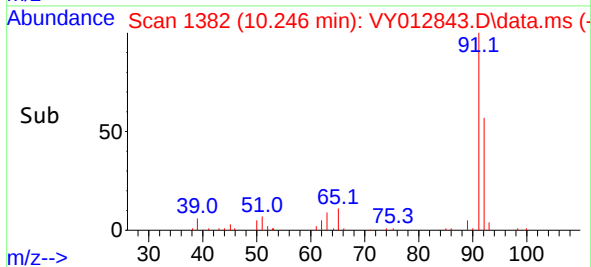
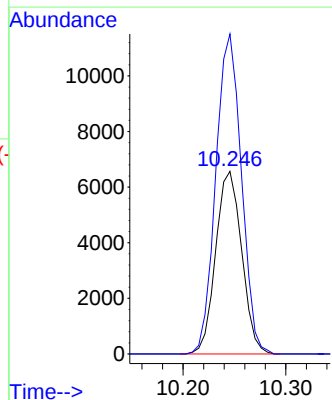
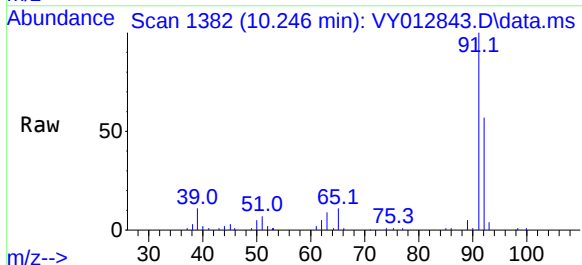
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

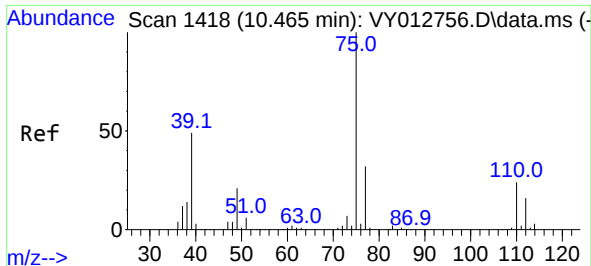
Tgt Ion: 43 Resp: 19717
Ion Ratio Lower Upper
43 100
58 35.1 29.8 44.6



#52
Toluene
Concen: 4.492 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 92 Resp: 11531
Ion Ratio Lower Upper
92 100
91 172.7 141.3 211.9

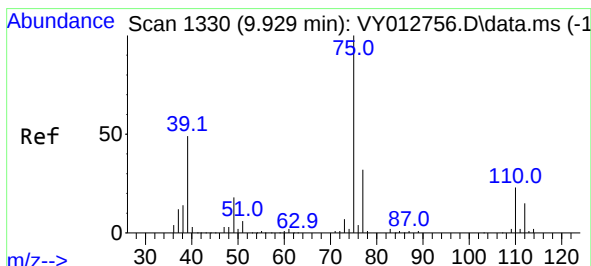
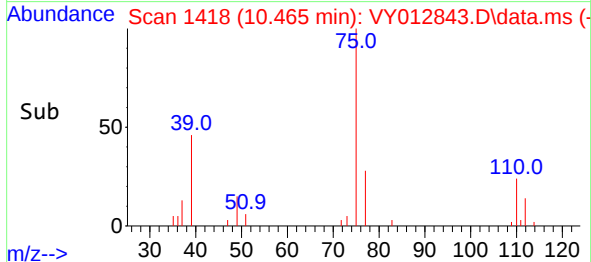
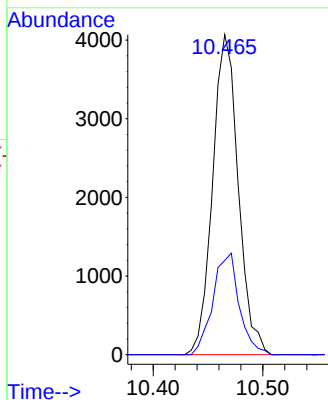
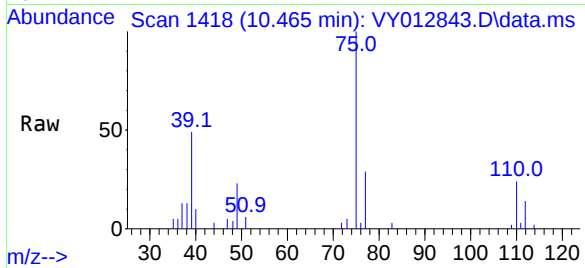




#53
t-1,3-Dichloropropene
Concen: 4.366 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

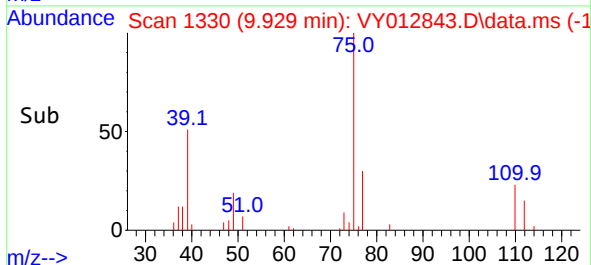
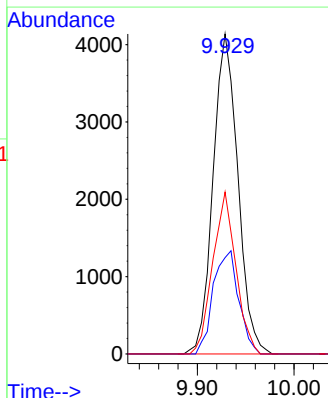
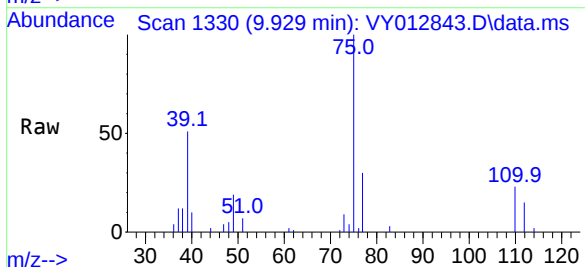
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

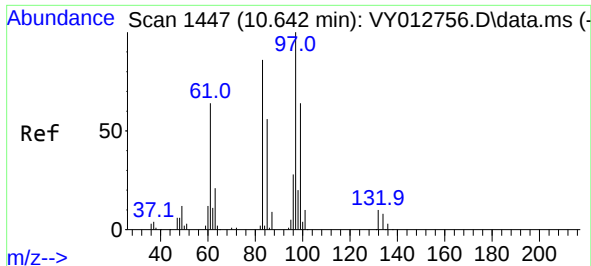
Tgt Ion: 75 Resp: 6614
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.285 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 75 Resp: 7347
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0
39 50.6 39.0 58.4

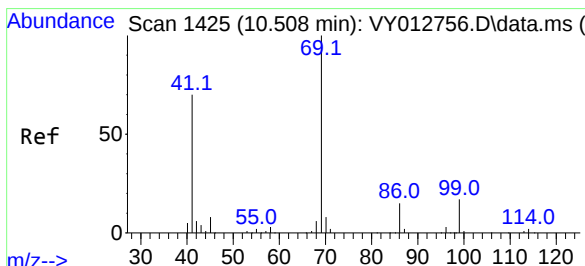
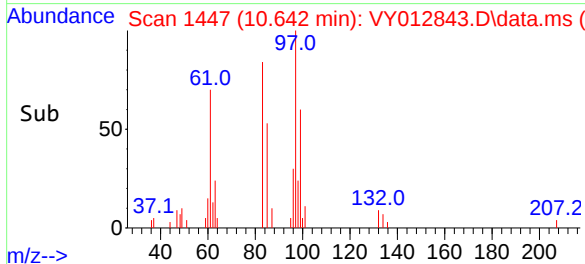
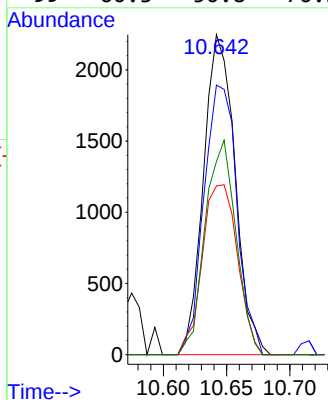
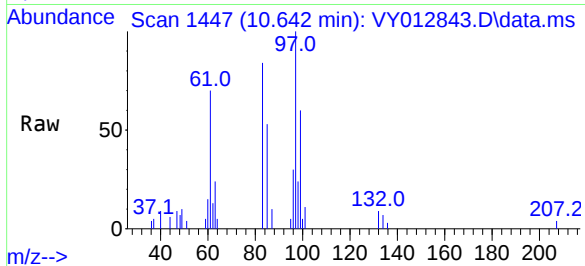




#55
1,1,2-Trichloroethane
Concen: 4.568 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

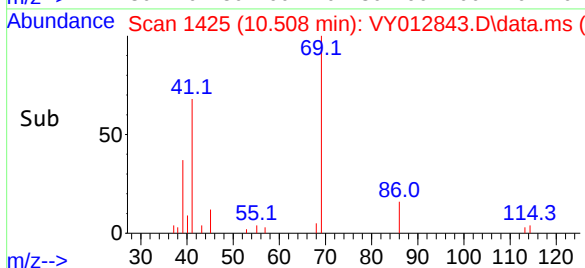
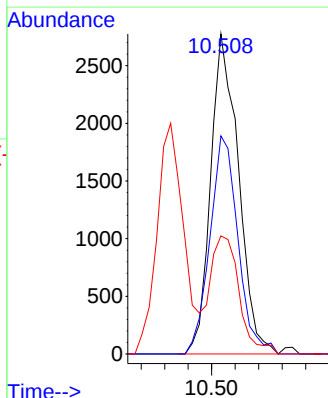
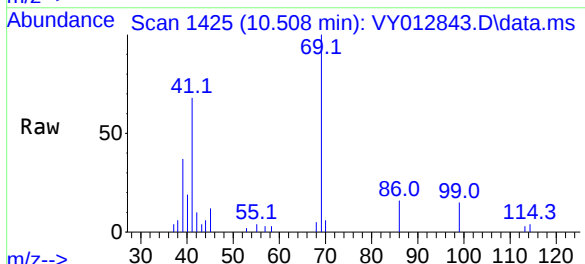
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

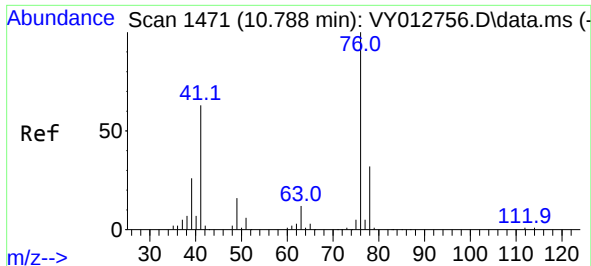
Tgt Ion:	97	Resp:	3899
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.0	103.6
85	52.8	44.9	67.3
99	60.3	50.8	76.2



#56
Ethyl methacrylate
Concen: 4.002 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:	69	Resp:	4554
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.4	84.6
39	38.7	30.8	46.2





#57

1,3-Dichloropropane

Concen: 4.546 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

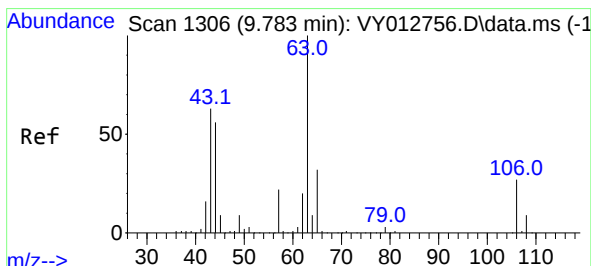
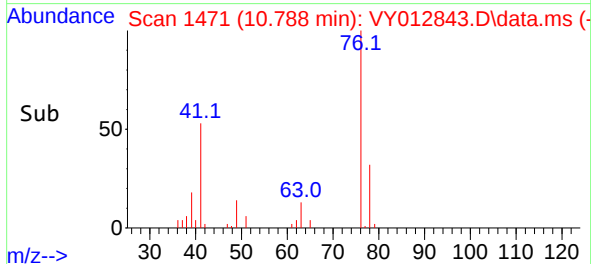
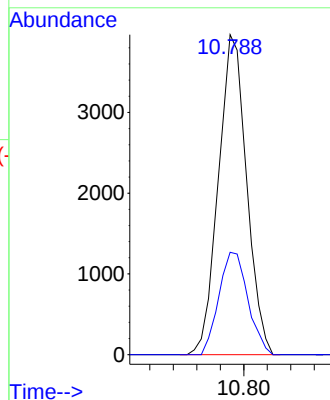
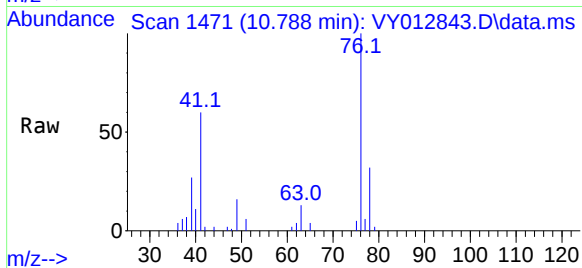
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 76 Resp: 6609

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 18.627 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012843.D

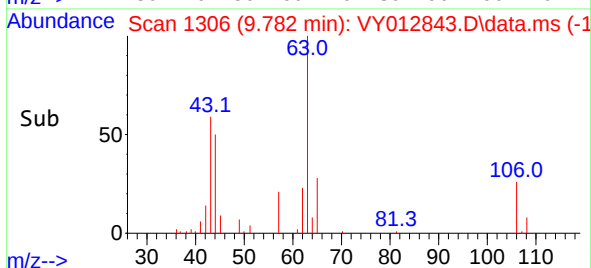
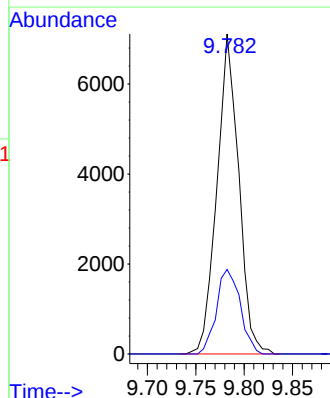
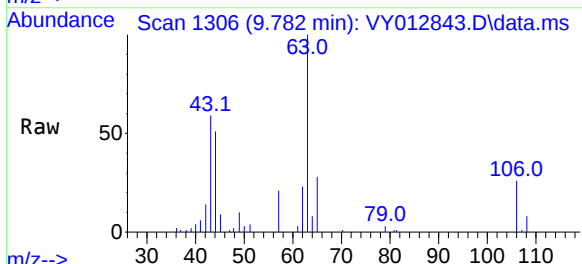
Acq: 07 Mar 2023 14:34

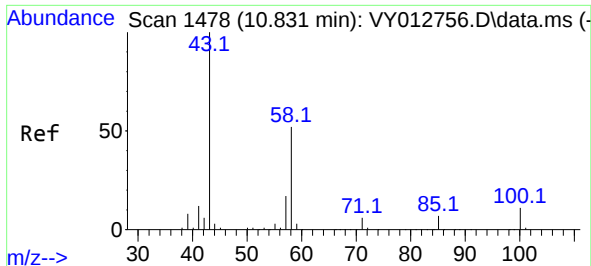
Tgt Ion: 63 Resp: 11128

Ion Ratio Lower Upper

63 100

106 28.8 22.1 33.1

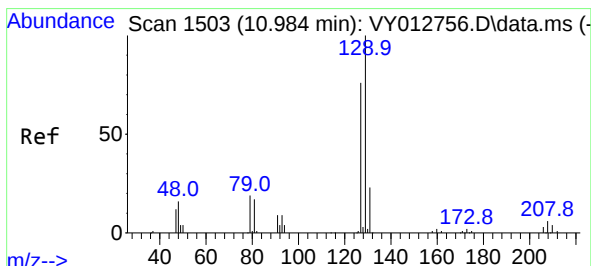
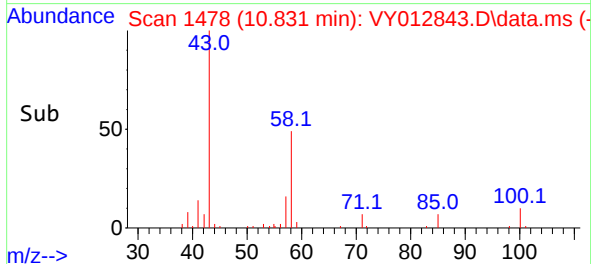
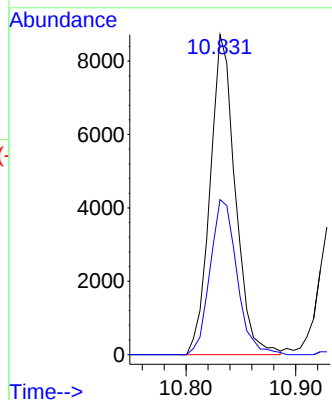
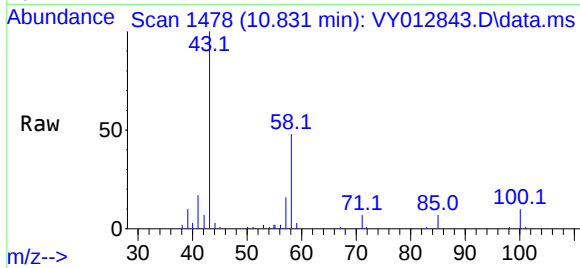




#59
2-Hexanone
Concen: 20.854 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

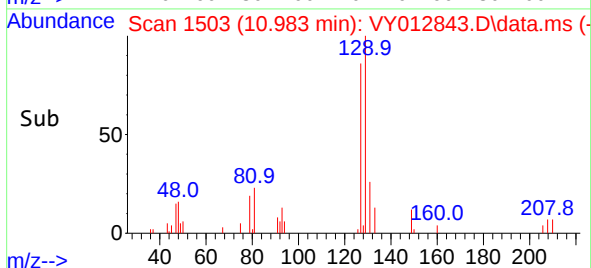
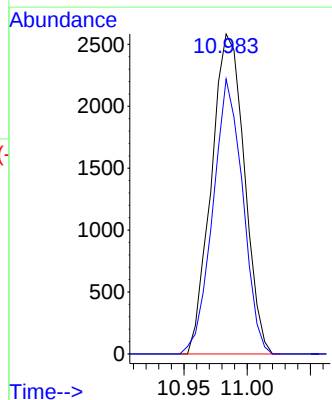
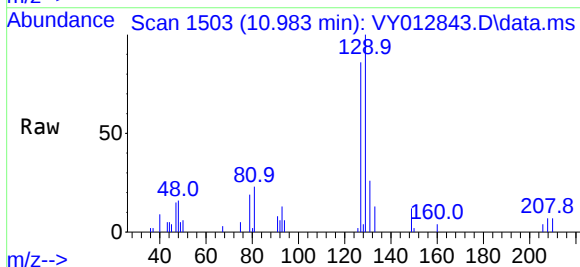
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

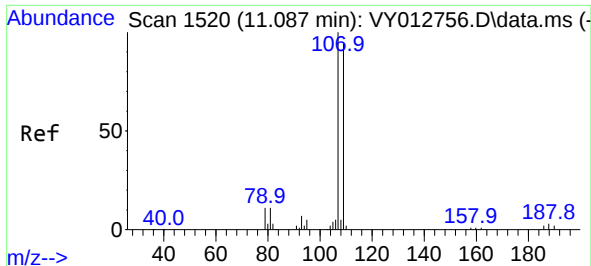
Tgt Ion: 43 Resp: 13911
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 4.520 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 129 Resp: 4696
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

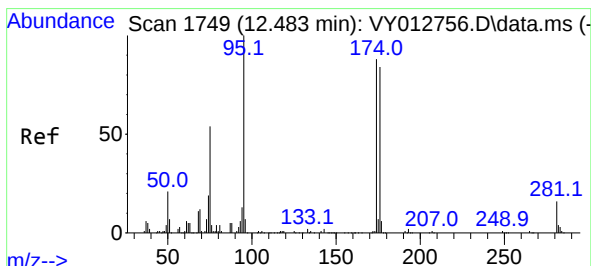
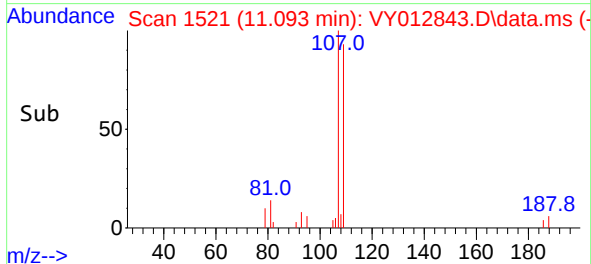
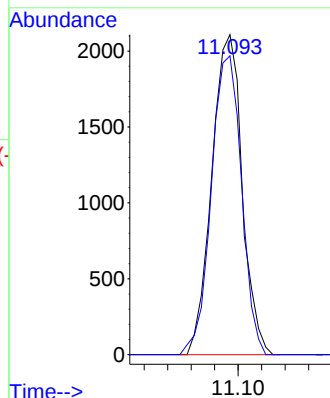
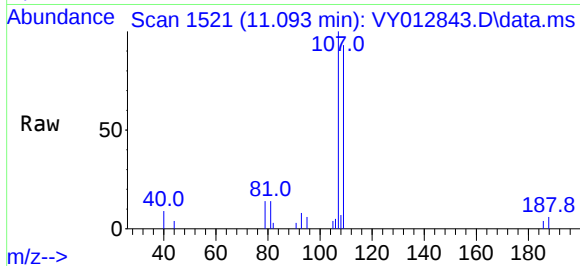




#61
1,2-Dibromoethane
Concen: 4.593 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

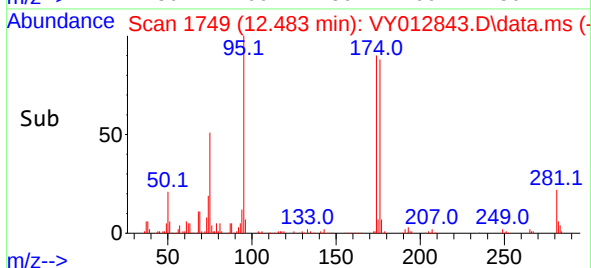
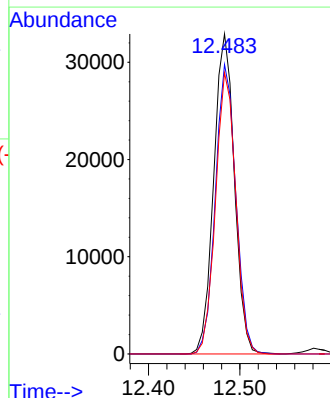
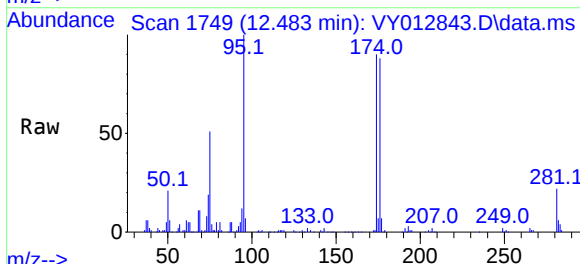
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

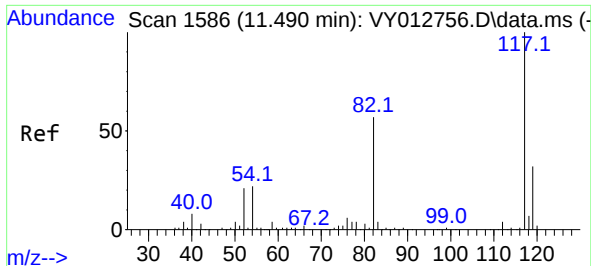
Tgt Ion:107 Resp: 3776
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 46.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 95 Resp: 51744
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 86.2 0.0 170.2

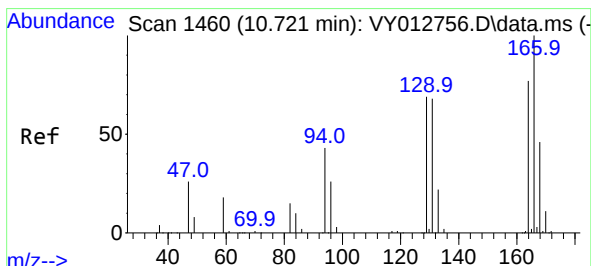
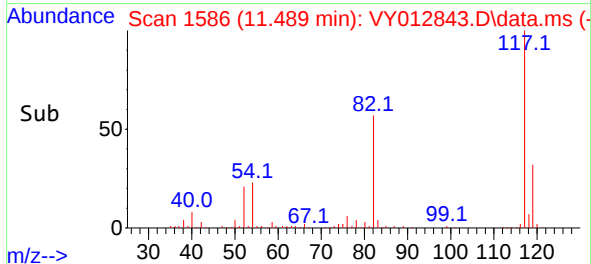
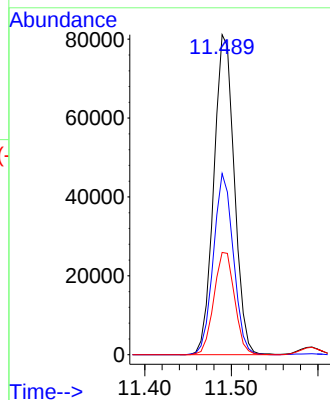
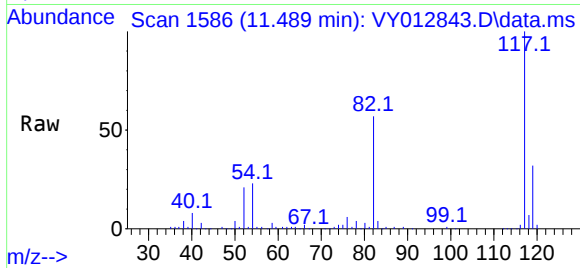




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

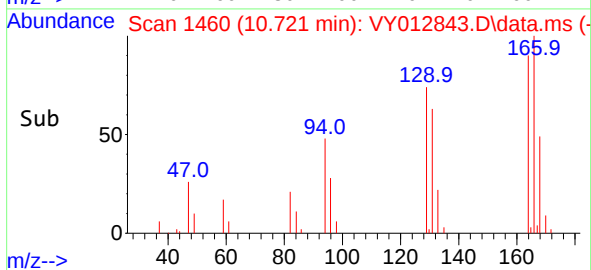
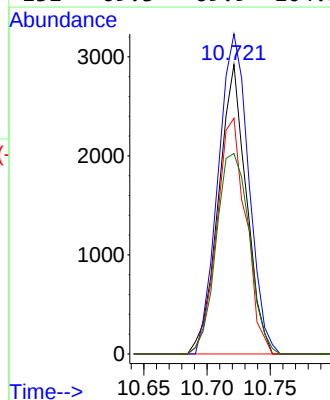
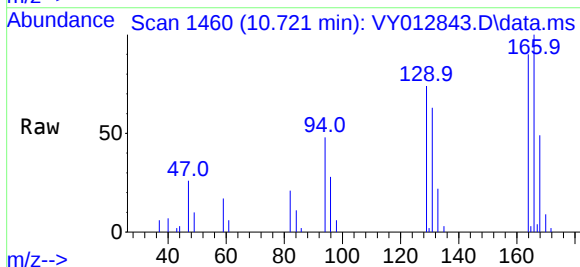
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

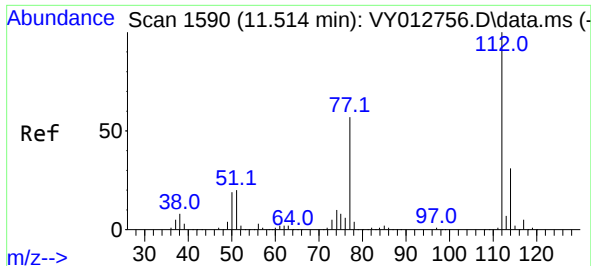
Tgt Ion:117 Resp: 133431
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 4.615 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:164 Resp: 4483
Ion Ratio Lower Upper
164 100
166 110.6 103.4 155.2
129 81.5 71.4 107.2
131 69.3 69.9 104.9#

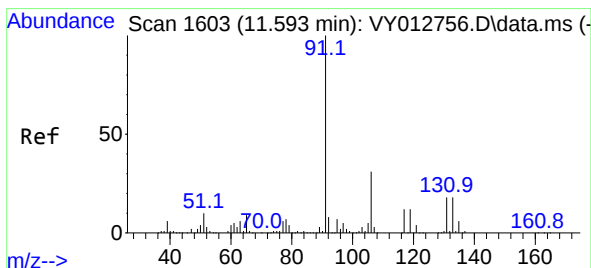
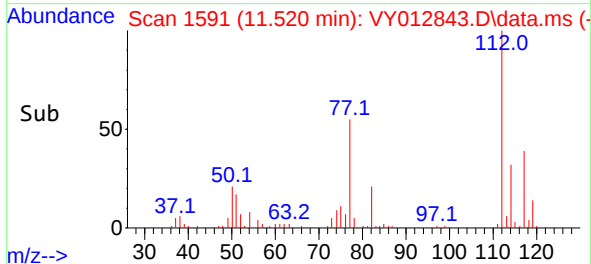
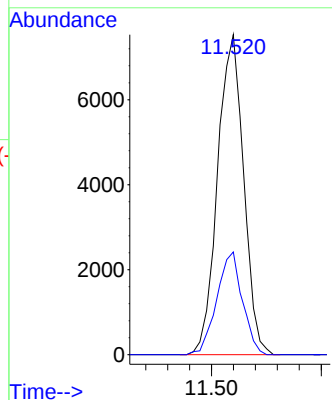
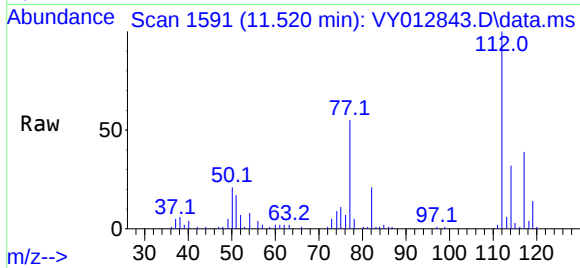




#65
Chlorobenzene
Concen: 4.436 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

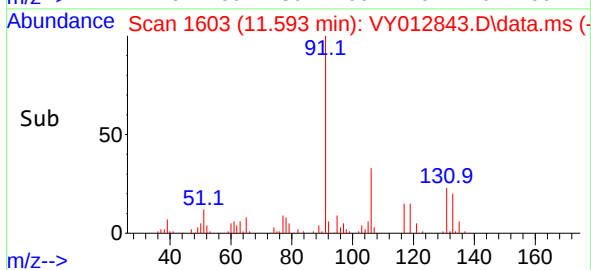
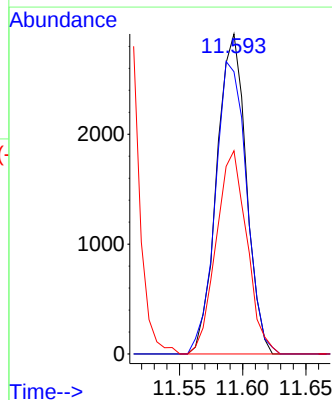
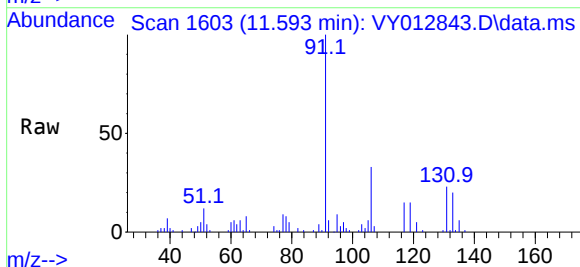
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

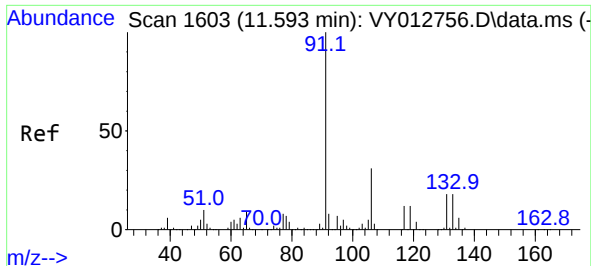
Tgt Ion:112 Resp: 12422
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.550 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:131 Resp: 4715
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.0
119 66.2 32.6 98.0





#67

Ethyl Benzene

Concen: 3.992 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

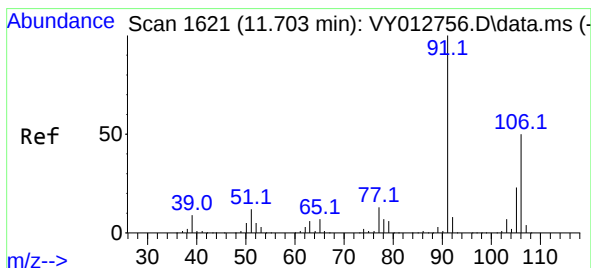
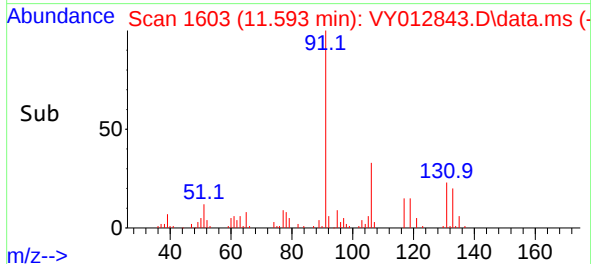
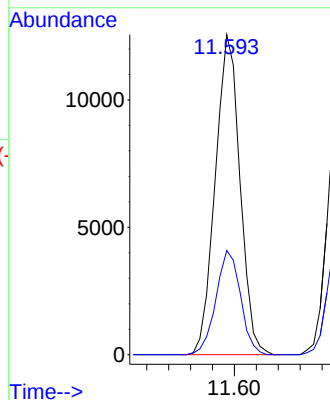
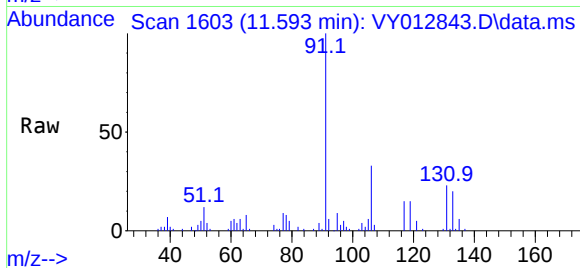
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 19654

Ion Ratio Lower Upper

91 100

106 32.5 25.1 37.7



#68

m/p-Xylenes

Concen: 7.766 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012843.D

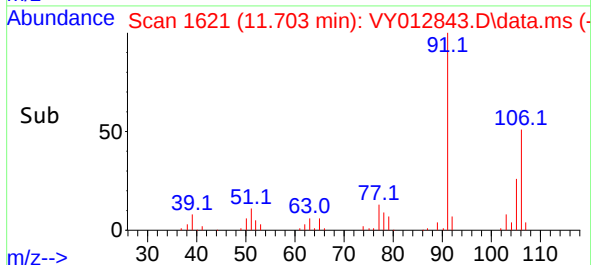
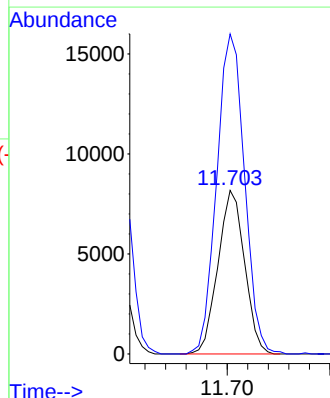
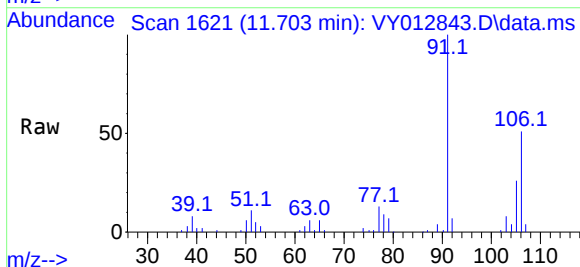
Acq: 07 Mar 2023 14:34

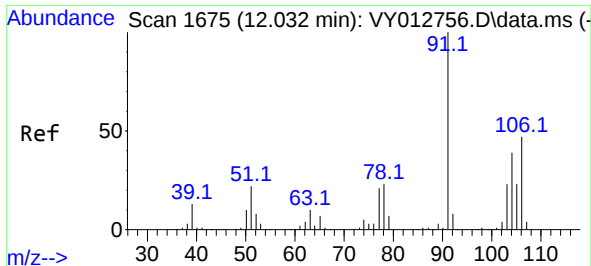
Tgt Ion: 106 Resp: 14709

Ion Ratio Lower Upper

106 100

91 204.1 159.8 239.8

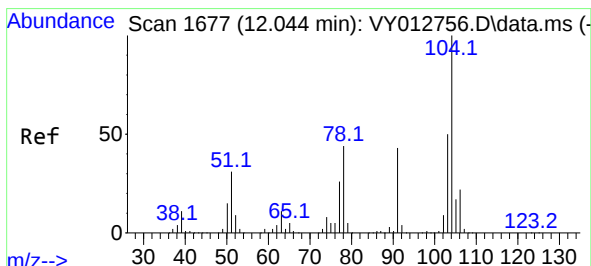
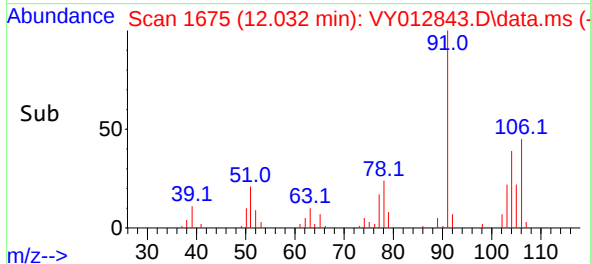
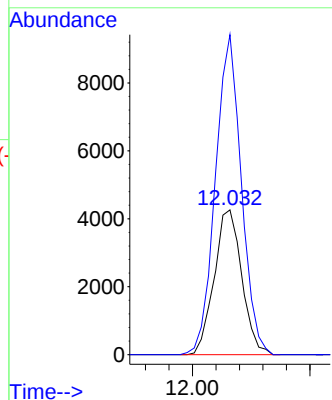
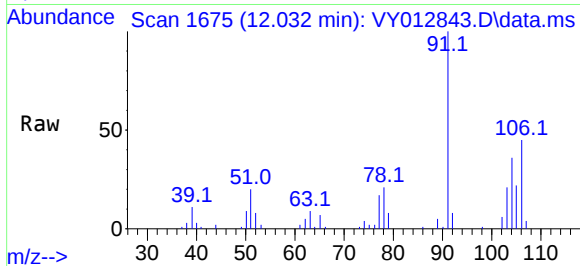




#69
o-Xylene
Concen: 3.927 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

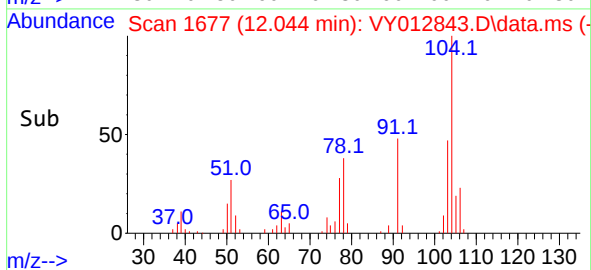
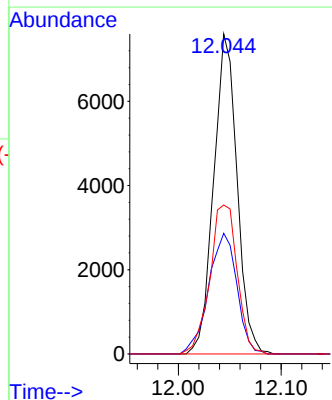
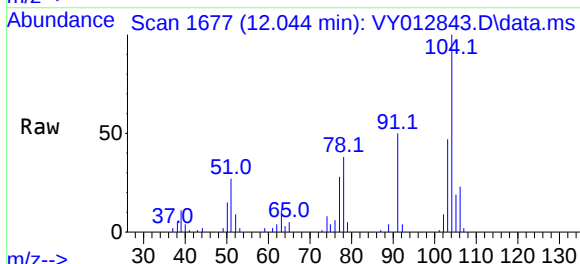
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

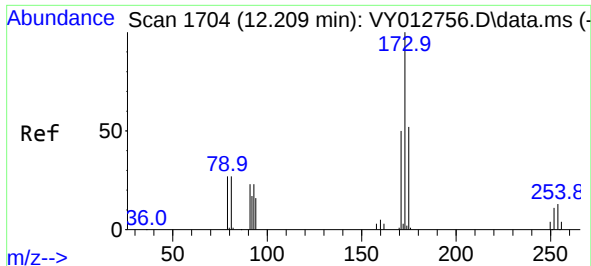
Tgt Ion:106 Resp: 6942
Ion Ratio Lower Upper
106 100
91 208.1 107.2 321.6



#70
Styrene
Concen: 4.064 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:104 Resp: 11988
Ion Ratio Lower Upper
104 100
78 45.5 39.2 58.8
103 54.5 43.7 65.5

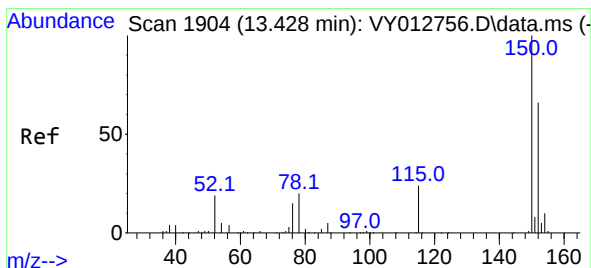
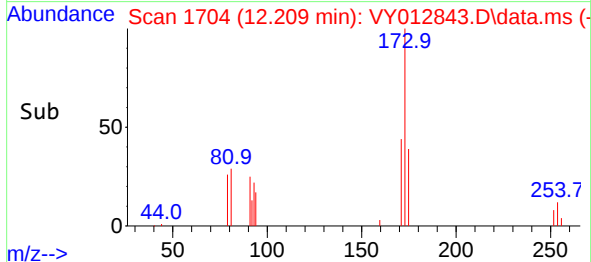
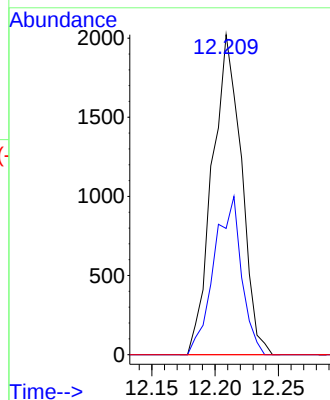
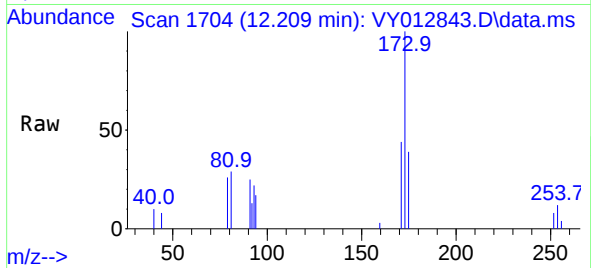




#71
Bromoform
Concen: 4.787 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

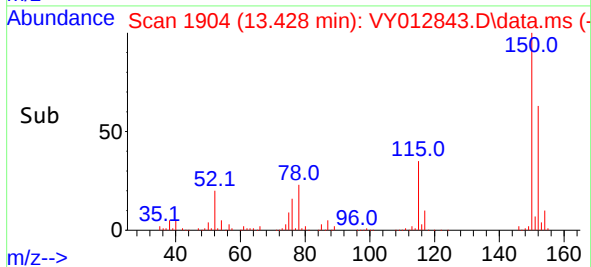
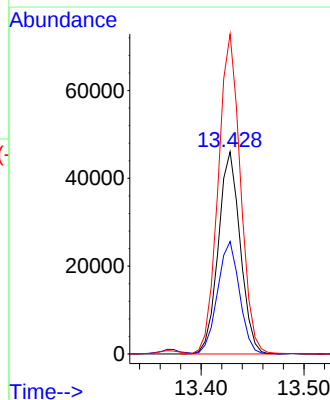
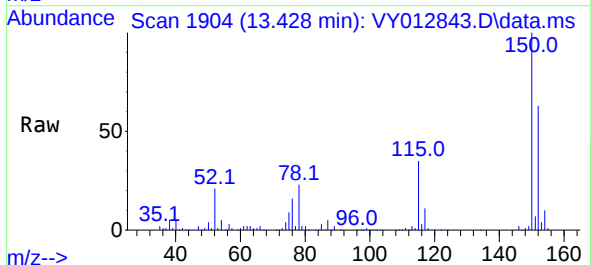
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

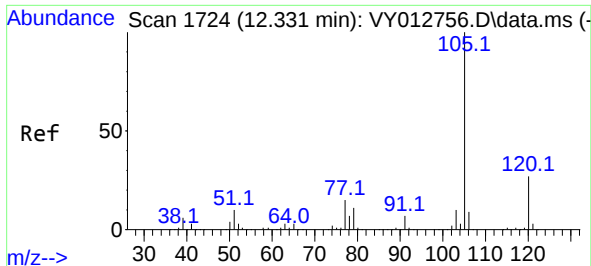
Tgt Ion:173 Resp: 3234
Ion Ratio Lower Upper
173 100
175 46.8 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:152 Resp: 68155
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 160.3 0.0 347.8

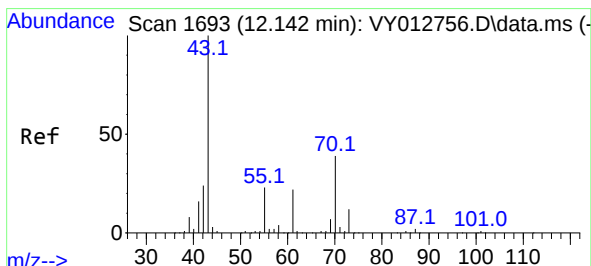
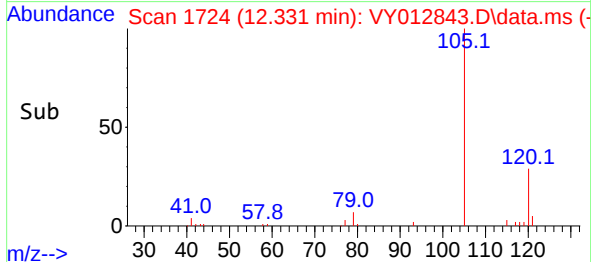
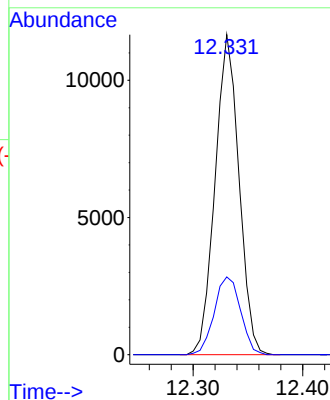
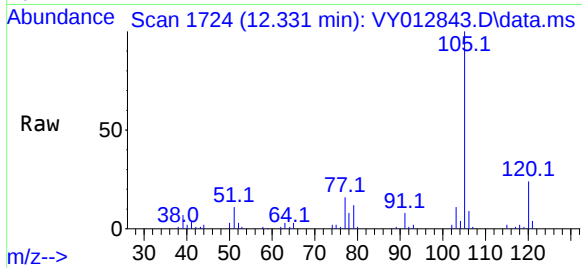




#73
Isopropylbenzene
Concen: 3.658 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

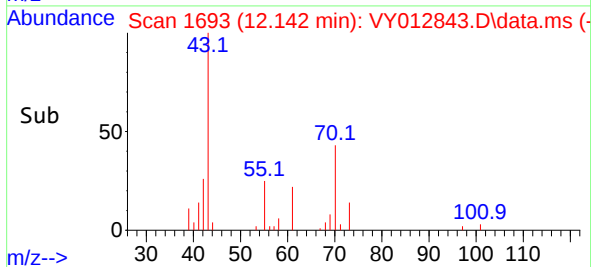
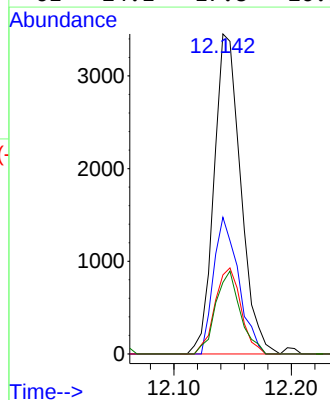
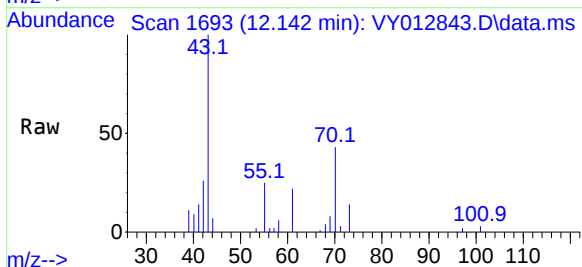
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

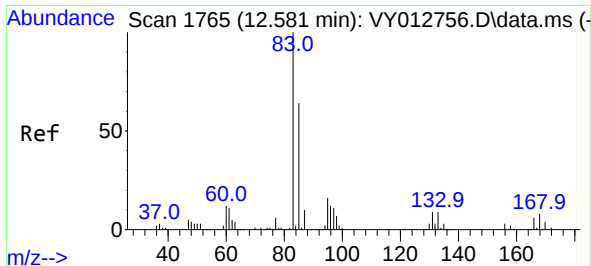
Tgt Ion:105 Resp: 17668
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 3.591 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 43 Resp: 5458
Ion Ratio Lower Upper
43 100
70 39.8 31.6 47.4
55 26.1 18.8 28.2
61 24.1 17.8 26.8

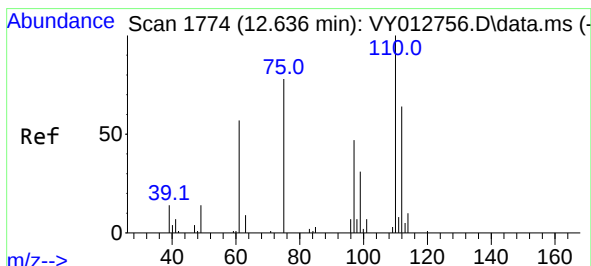
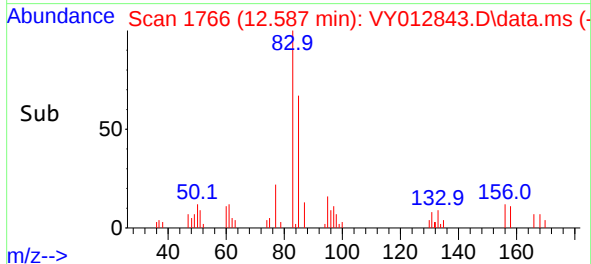
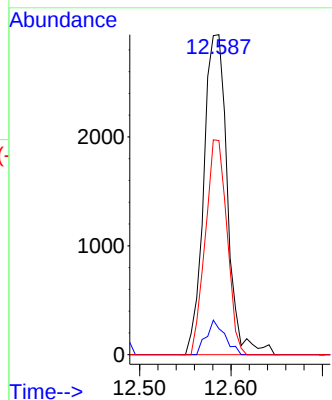
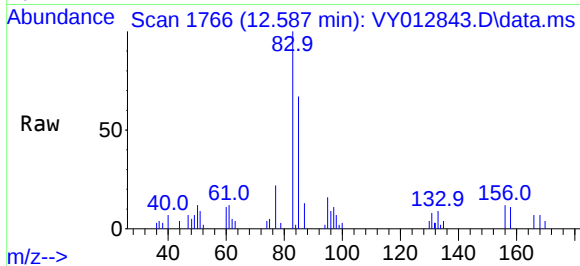




#75
1,1,2,2-Tetrachloroethane
Concen: 4.847 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

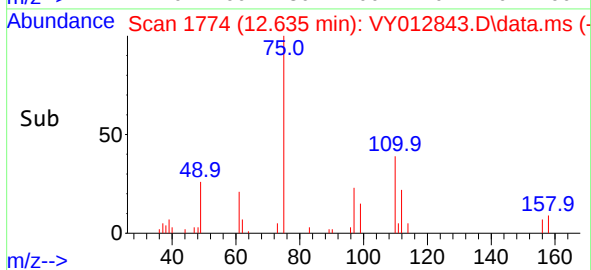
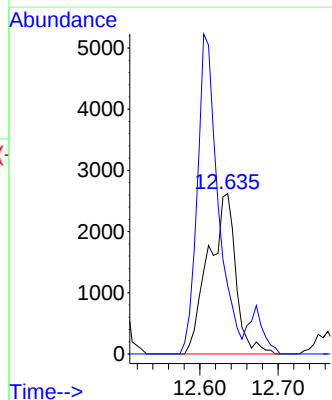
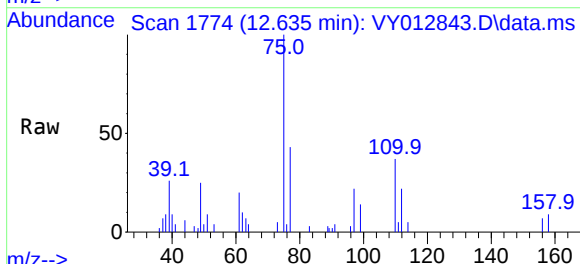
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

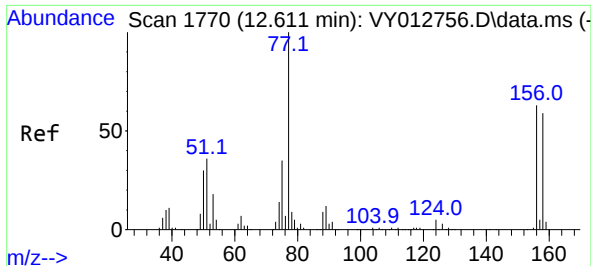
Tgt Ion: 83 Resp: 5263
Ion Ratio Lower Upper
83 100
131 8.4 5.1 15.2
85 61.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 7.798 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion: 75 Resp: 6347
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

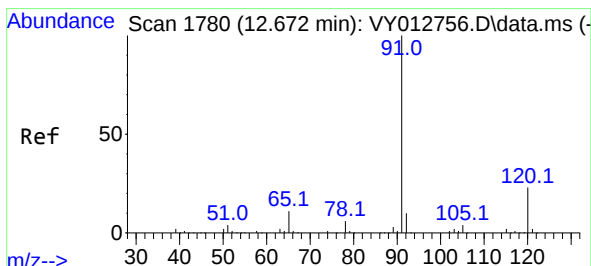
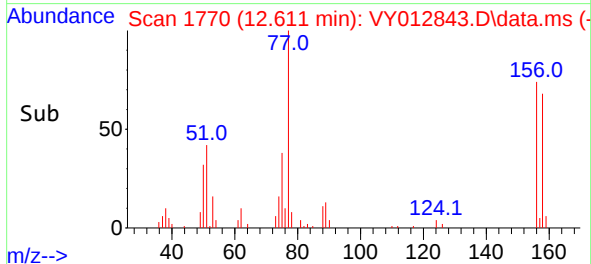
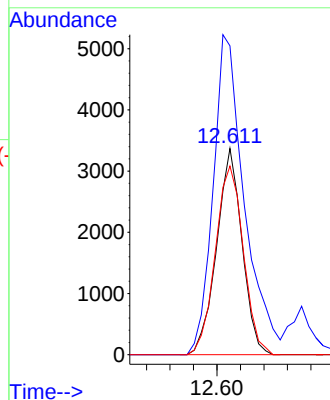
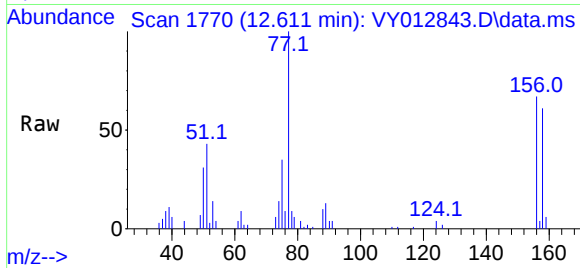




#77
Bromobenzene
Concen: 4.313 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

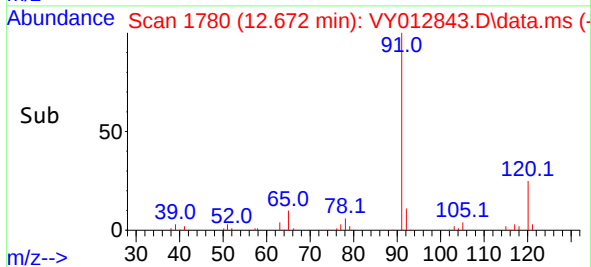
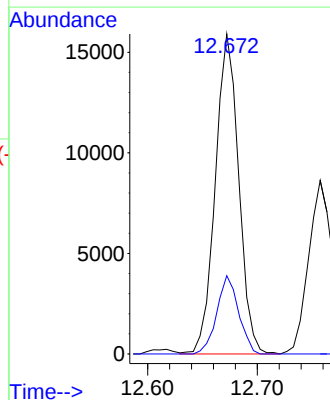
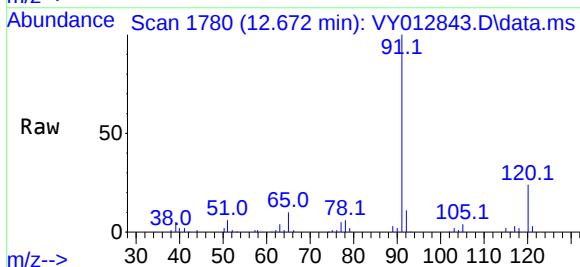
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

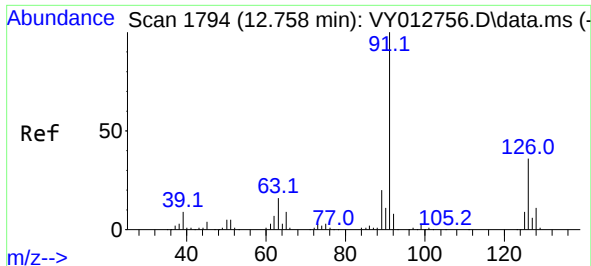
Tgt Ion:	156	Resp:	5061
Ion	Ratio	Lower	Upper
156	100		
77	190.3	94.0	282.1
158	100.8	48.1	144.4



#78
n-propylbenzene
Concen: 3.957 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:	91	Resp:	23567
Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.6	34.8





#79

2-Chlorotoluene

Concen: 4.017 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

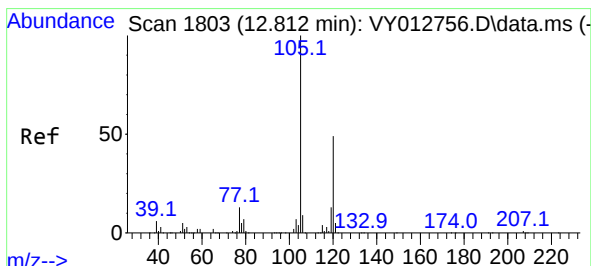
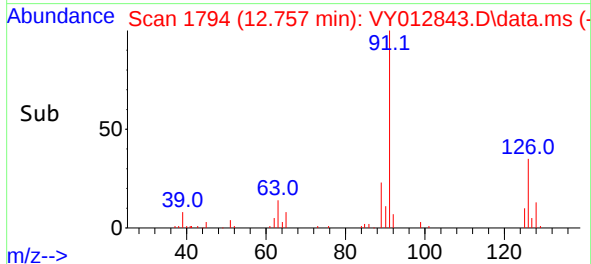
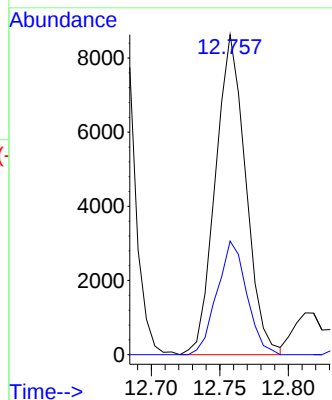
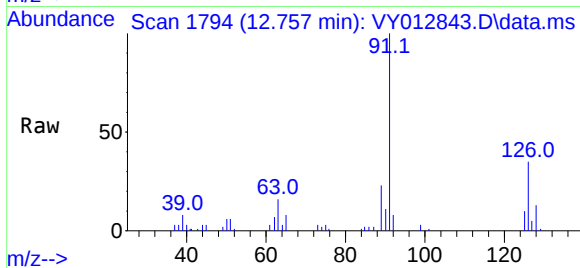
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 13294

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 3.852 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012843.D

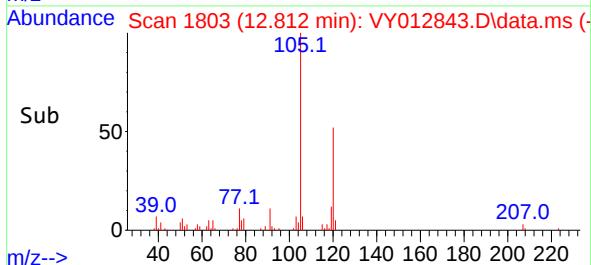
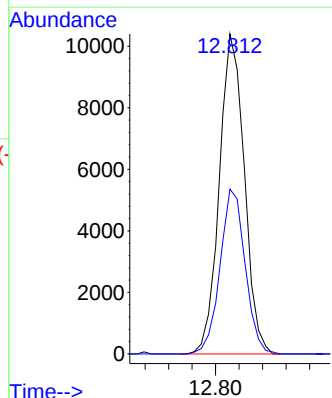
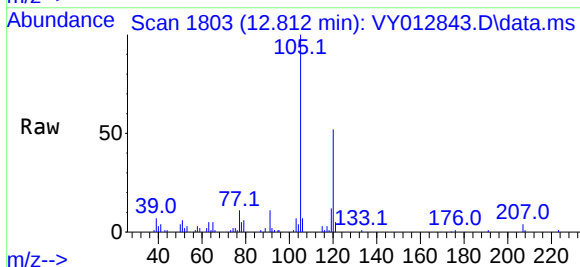
Acq: 07 Mar 2023 14:34

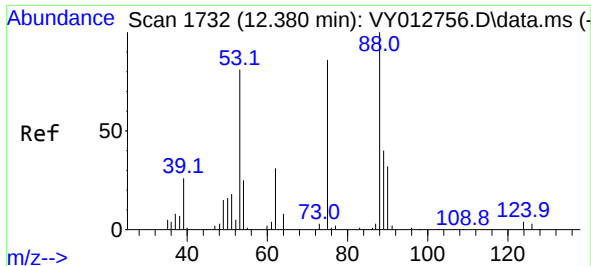
Tgt Ion:105 Resp: 15354

Ion Ratio Lower Upper

105 100

120 51.8 24.8 74.4

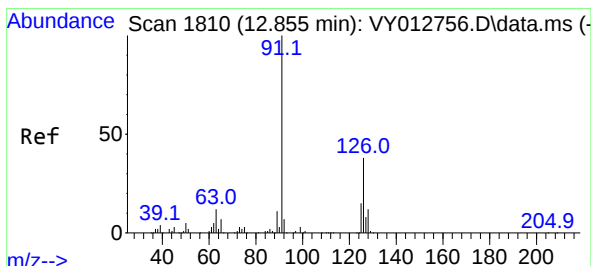
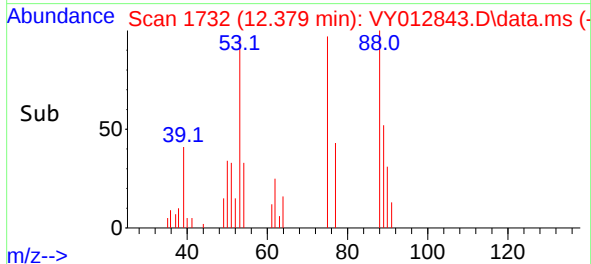
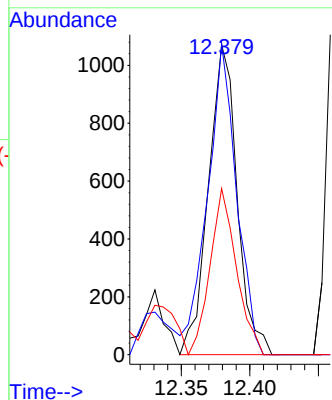
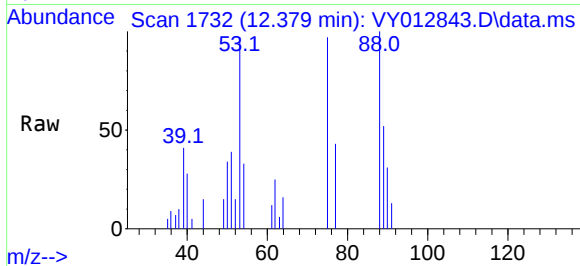




#81
trans-1,4-Dichloro-2-butene
Concen: 3.982 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

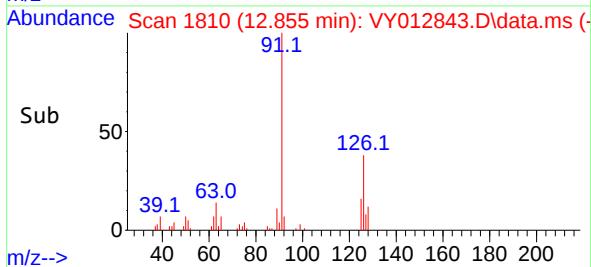
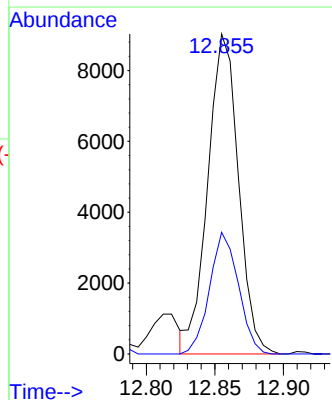
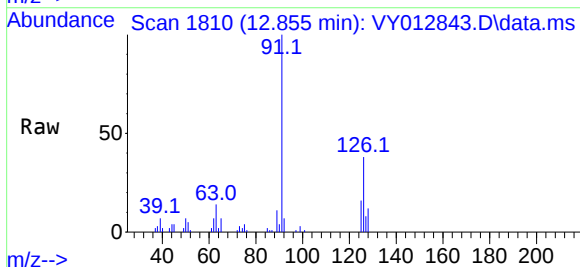
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

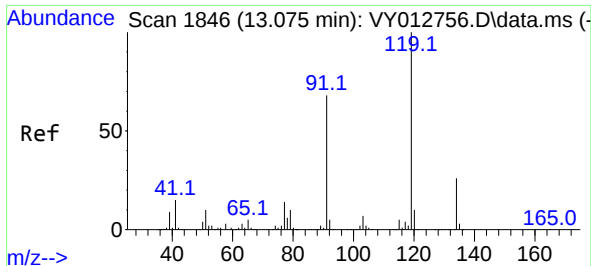
Tgt Ion:	75	Resp:	1564
Ion	Ratio	Lower	Upper
75	100		
53	100.6	73.4	110.0
89	49.2	36.6	55.0



#82
4-Chlorotoluene
Concen: 4.093 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:	91	Resp:	14023
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.7	53.1

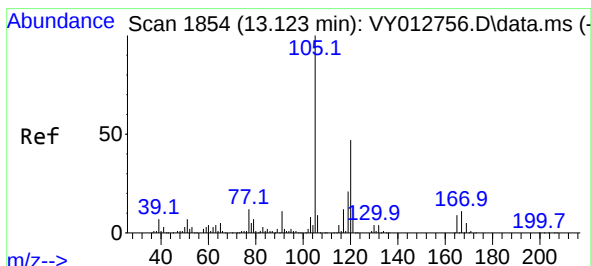
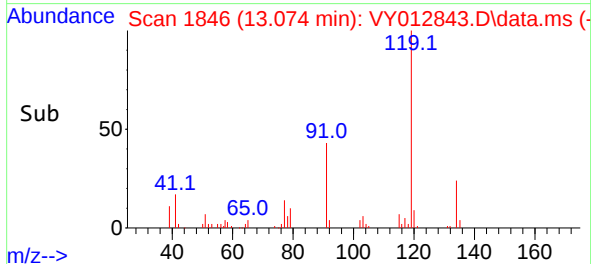
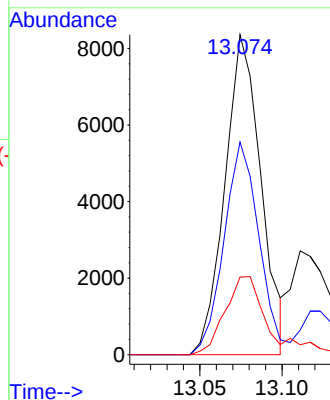
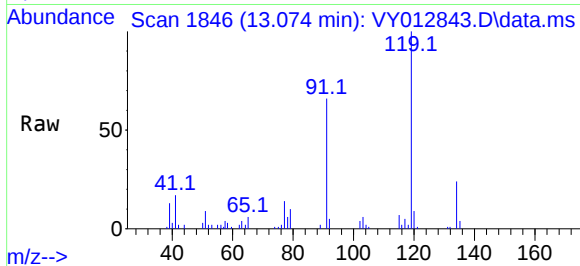




#83
tert-Butylbenzene
Concen: 3.703 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

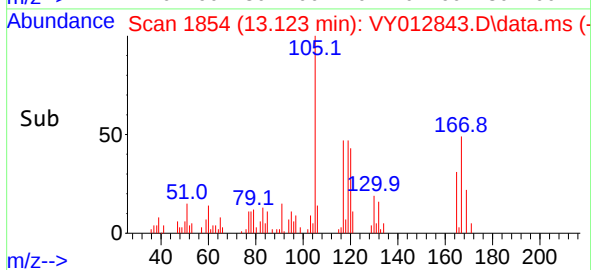
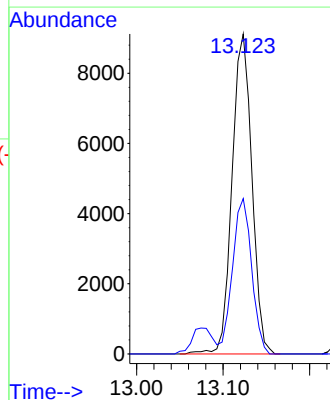
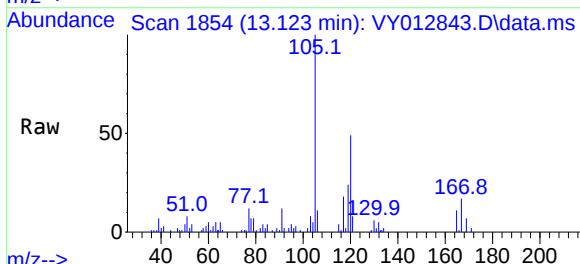
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

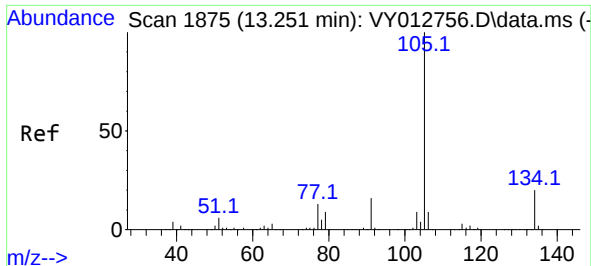
Tgt Ion:	119	Resp:	12740
Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.8	98.3
134	28.9	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 3.709 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:	105	Resp:	14458
Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.0	69.0

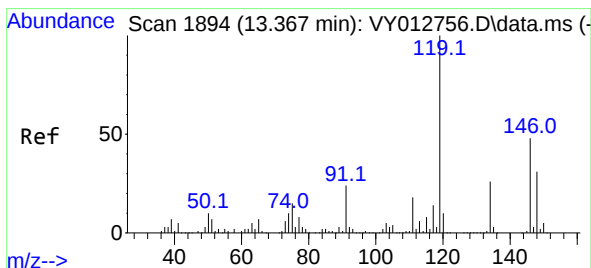
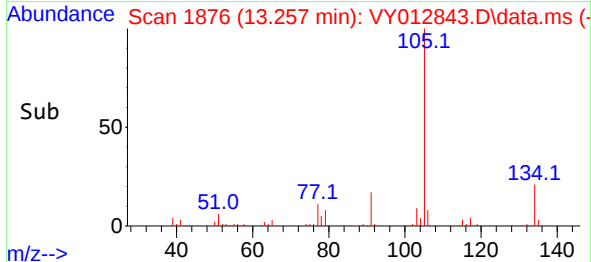
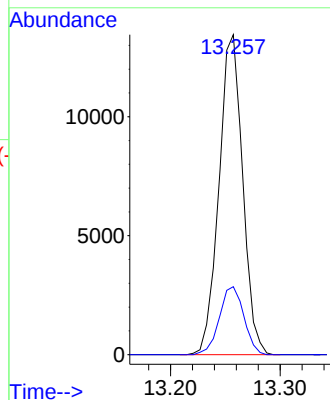
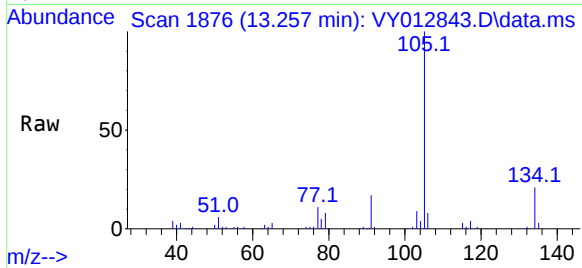




#85
 sec-Butylbenzene
 Concen: 3.845 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012843.D
 Acq: 07 Mar 2023 14:34

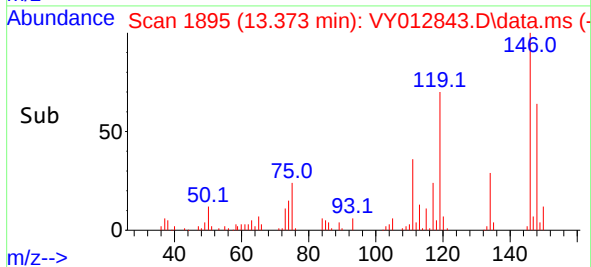
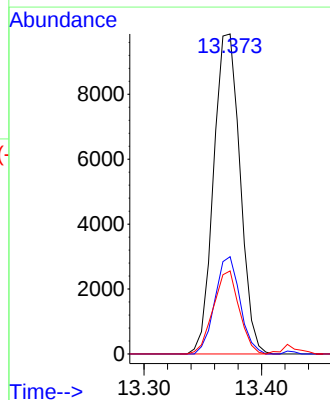
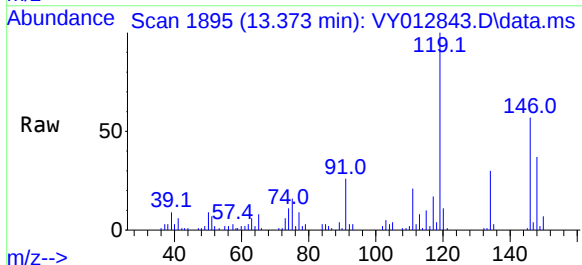
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:105 Resp: 20181
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.4 31.1

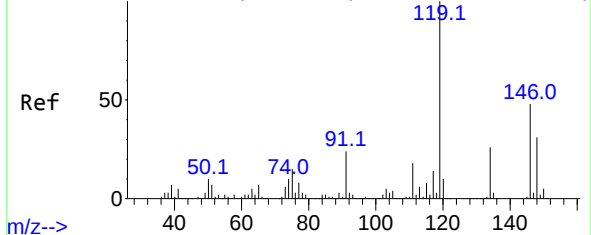


#86
 p-Isopropyltoluene
 Concen: 3.592 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012843.D
 Acq: 07 Mar 2023 14:34

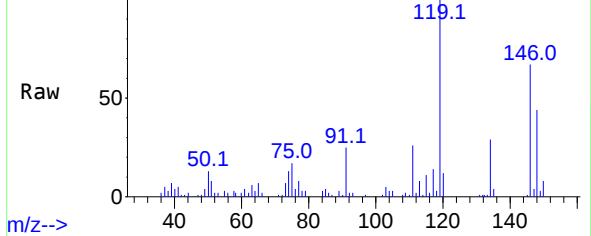
Tgt Ion:119 Resp: 15410
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.2 39.6
 91 25.4 11.8 35.3



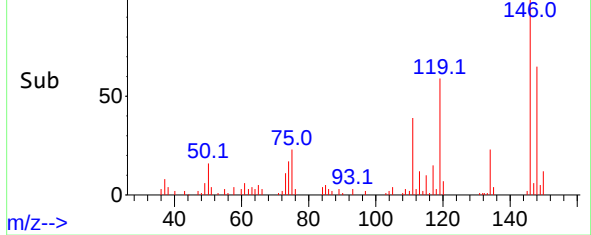
Abundance Scan 1894 (13.367 min): VY012756.D\data.ms (-



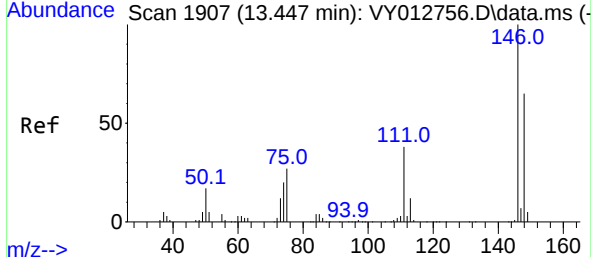
m/z--> Abundance Scan 1894 (13.367 min): VY012843.D\data.ms (-



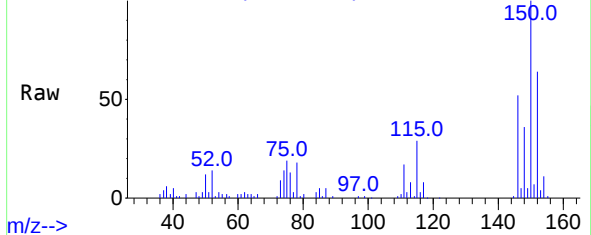
m/z--> Abundance Scan 1894 (13.367 min): VY012843.D\data.ms (-



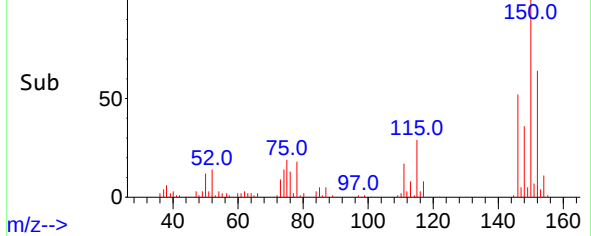
m/z--> Abundance Scan 1907 (13.447 min): VY012756.D\data.ms (-



m/z--> Abundance Scan 1907 (13.446 min): VY012843.D\data.ms (-



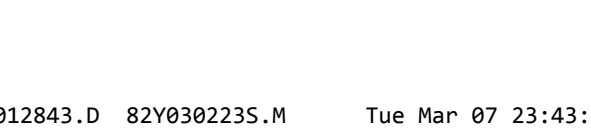
m/z--> Abundance Scan 1907 (13.446 min): VY012843.D\data.ms (-



m/z--> Abundance Scan 1907 (13.446 min): VY012843.D\data.ms (-



m/z--> Abundance Scan 1907 (13.446 min): VY012843.D\data.ms (-



#87

1,3-Dichlorobenzene

Concen: 4.451 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:146 Resp: 10074

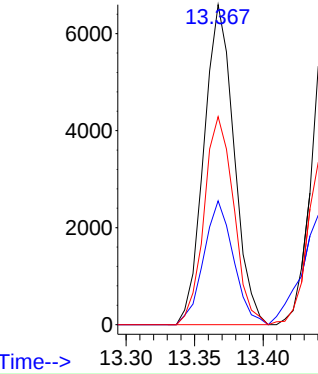
Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 64.1 31.8 95.3

Abundance



#88

1,4-Dichlorobenzene

Concen: 4.262 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Tgt Ion:146 Resp: 9845

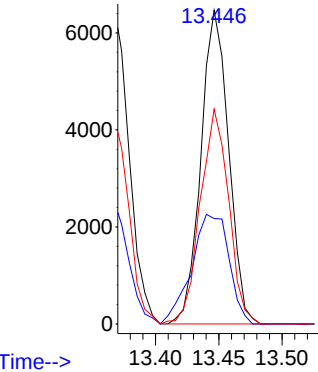
Ion Ratio Lower Upper

146 100

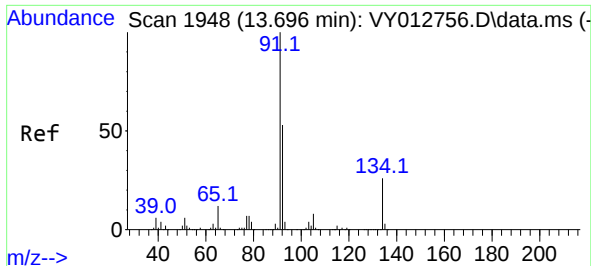
111 47.2 18.6 55.8

148 70.2 31.5 94.5

Abundance



Time-->



#89

n-Butylbenzene

Concen: 3.761 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

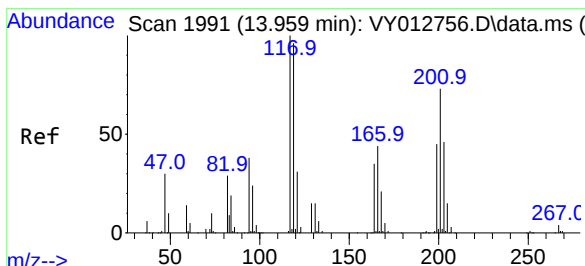
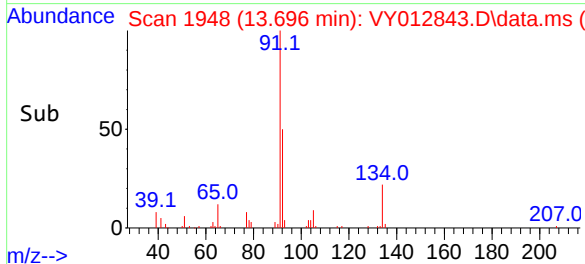
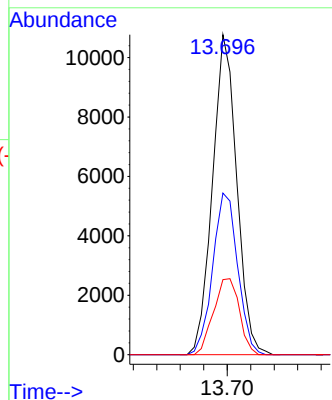
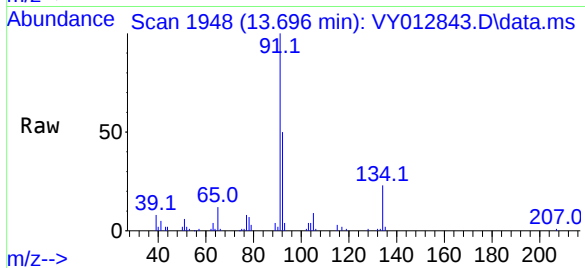
Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:	91	Resp:	15445
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	25.3	13.0	38.9



#90

Hexachloroethane

Concen: 4.397 ug/l

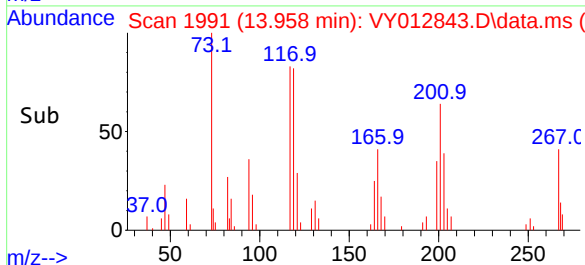
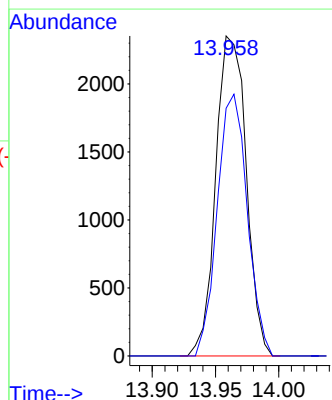
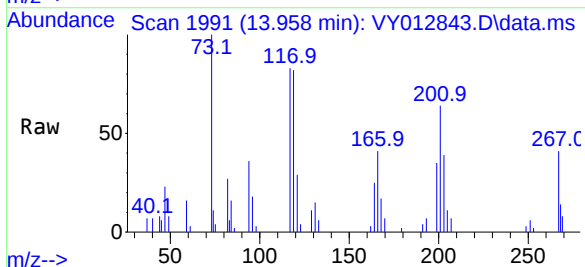
RT: 13.958 min Scan# 1991

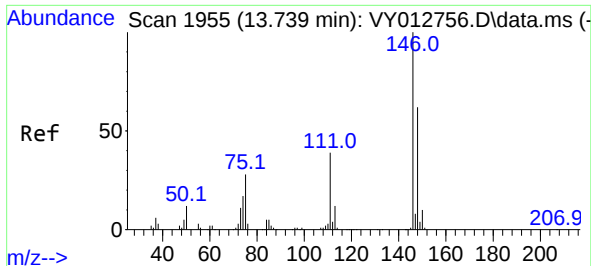
Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Tgt Ion:	117	Resp:	3929
Ion	Ratio	Lower	Upper
117	100		
201	80.8	39.4	118.1





#91

1,2-Dichlorobenzene

Concen: 4.360 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

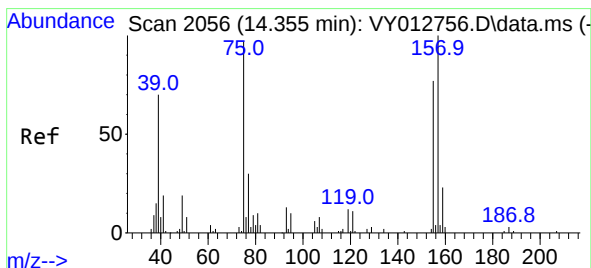
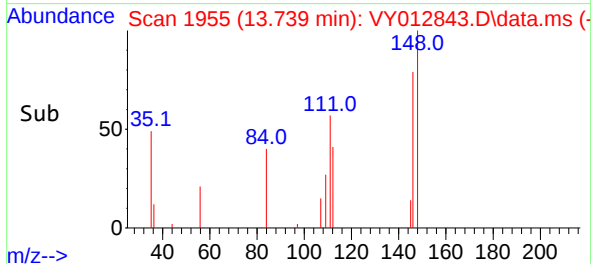
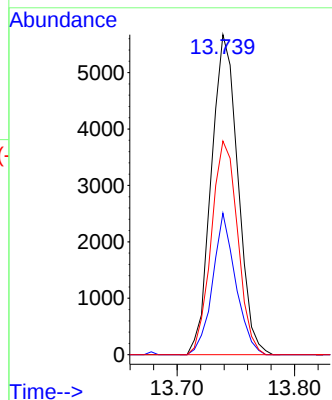
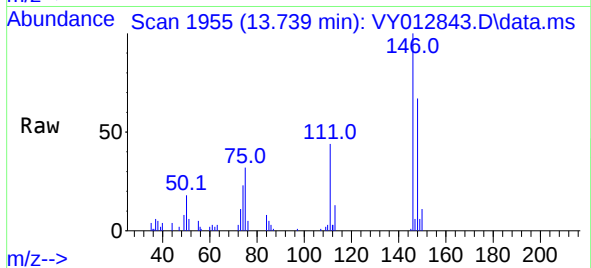
Tgt Ion:146 Resp: 8919

Ion Ratio Lower Upper

146 100

111 38.3 19.7 59.1

148 66.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.112 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012843.D

Acq: 07 Mar 2023 14:34

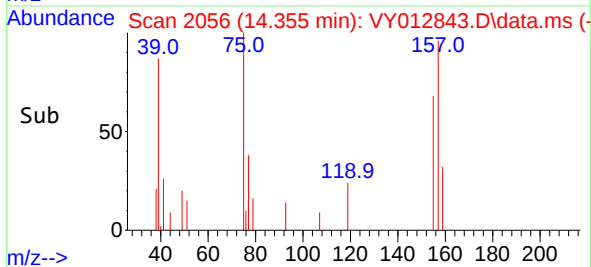
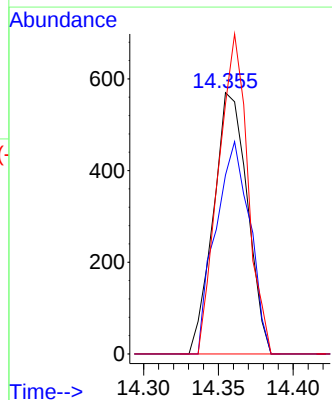
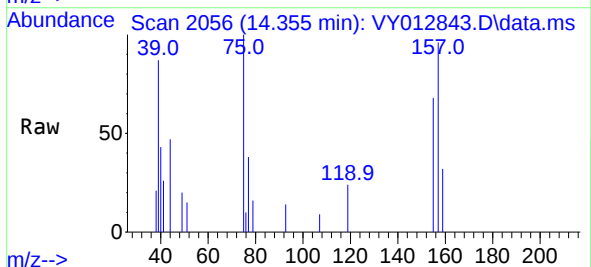
Tgt Ion: 75 Resp: 897

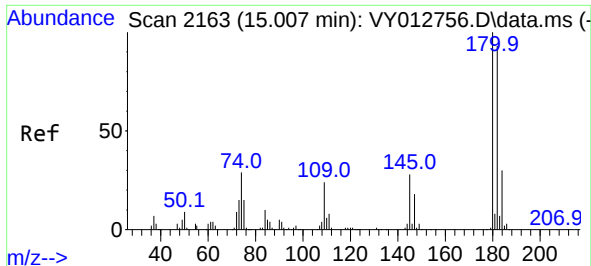
Ion Ratio Lower Upper

75 100

155 82.3 43.8 131.4

157 106.7 54.1 162.3

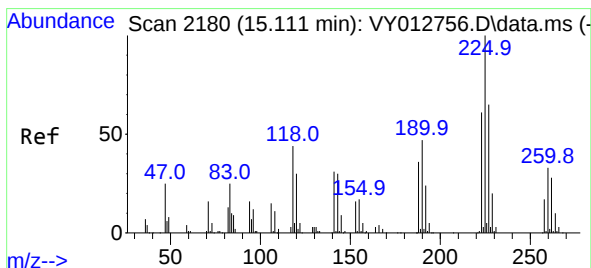
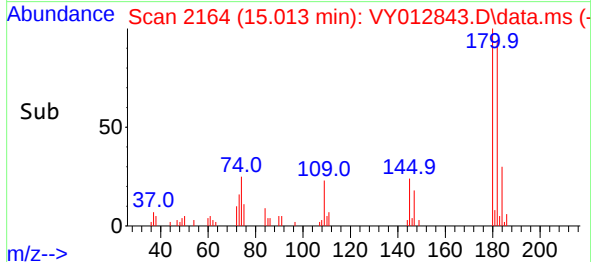
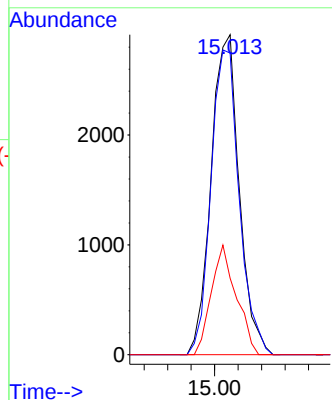
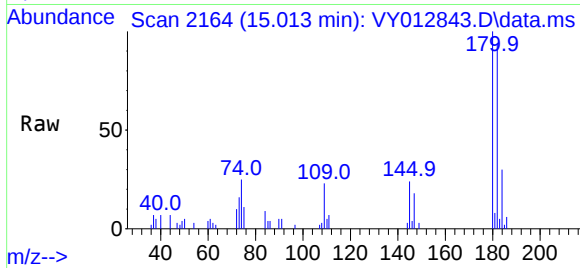




#93
1,2,4-Trichlorobenzene
Concen: 3.846 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

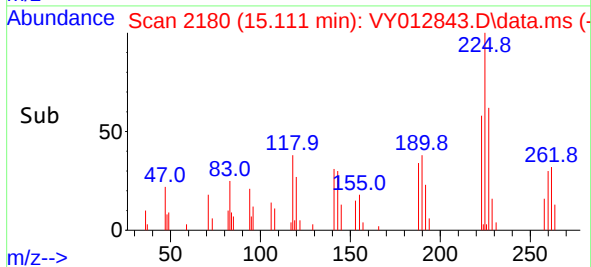
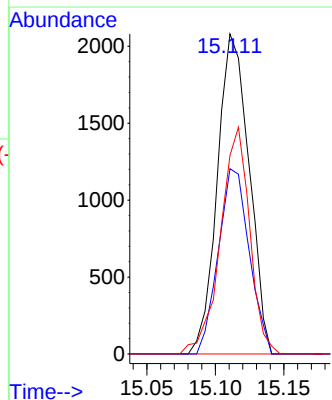
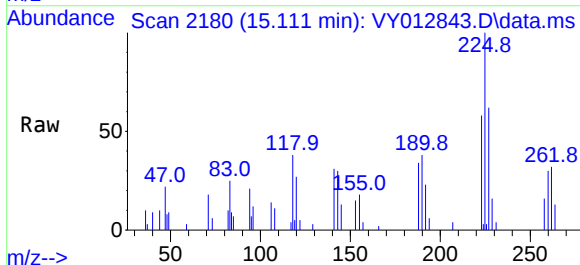
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

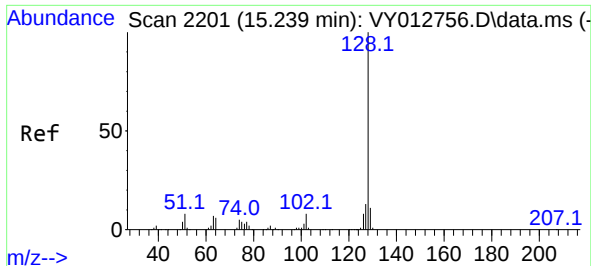
Tgt Ion:180 Resp: 4845
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.1
145 30.4 14.6 43.8



#94
Hexachlorobutadiene
Concen: 4.359 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:225 Resp: 3349
Ion Ratio Lower Upper
225 100
223 56.3 31.1 93.3
227 65.2 32.4 97.0

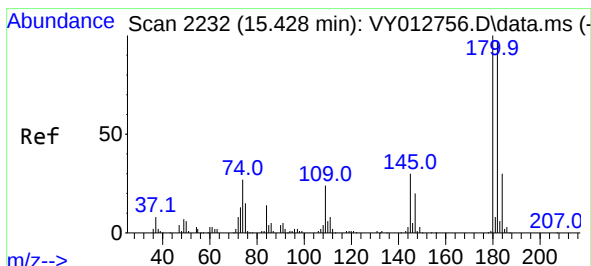
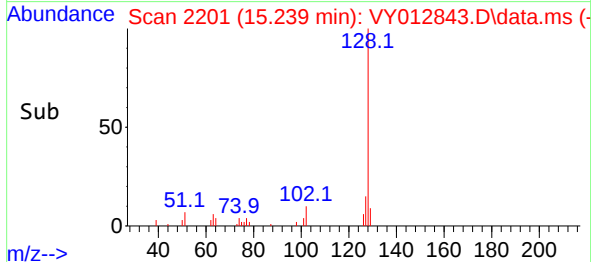
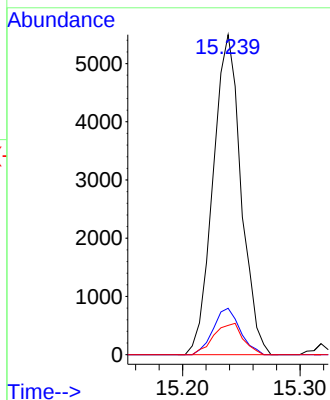
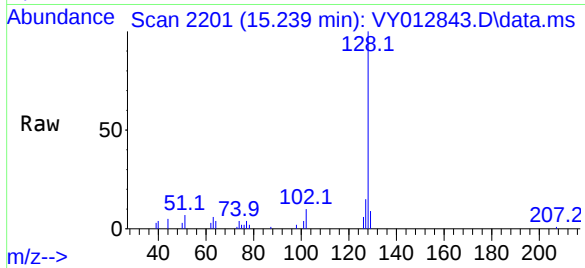




#95
Naphthalene
Concen: 3.612 ug/l
RT: 15.239 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

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

Tgt Ion:128	Resp:	9118
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.3 15.5
129	10.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.031 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY012843.D
Acq: 07 Mar 2023 14:34

Tgt Ion:180	Resp:	4516
Ion Ratio	Lower	Upper
180	100	
182	91.4	47.4 142.3
145	33.4	15.3 45.8

