

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012844.D
 Acq On : 07 Mar 2023 14:57
 Operator : KP/MD
 Sample : 01627-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Quant Time: Mar 07 23:43:51 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	100182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	143975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48000	48.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.716	113	46531	48.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.820%
50) Toluene-d8	10.179	98	159231	45.311	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.620%
62) 4-Bromofluorobenzene	12.483	95	54145	45.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5298	5.365	ug/l	93
3) Chloromethane	2.113	50	6634	5.620	ug/l	100
4) Vinyl Chloride	2.253	62	6211	5.738	ug/l	99
5) Bromomethane	2.650	94	4229	6.429	ug/l	93
6) Chloroethane	2.796	64	3931	6.064	ug/l	91
7) Trichlorofluoromethane	3.125	101	10418	5.795	ug/l	93
8) Diethyl Ether	3.533	74	3470	5.508	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	6178	5.711	ug/l	98
10) Methyl Iodide	4.094	142	7006	4.971	ug/l	98
11) Tert butyl alcohol	4.948	59	5799	33.216	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	5831	5.652	ug/l	92
13) Acrolein	3.729	56	4892	28.072	ug/l	93
14) Allyl chloride	4.478	41	9326	4.894	ug/l	98
15) Acrylonitrile	5.161	53	8986	27.069	ug/l	99
16) Acetone	3.948	43	9931	25.437	ug/l	93
17) Carbon Disulfide	4.192	76	19177	5.461	ug/l	97
18) Methyl Acetate	4.478	43	6236	5.364	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	13807	5.181	ug/l	94
20) Methylene Chloride	4.710	84	11335	4.640	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	6077	5.421	ug/l	90
22) Diisopropyl ether	6.112	45	17192	4.967	ug/l #	88
23) Vinyl Acetate	6.057	43	52738	24.522	ug/l	96
24) 1,1-Dichloroethane	6.021	63	10878	5.515	ug/l	95
25) 2-Butanone	6.990	43	13498	27.913	ug/l	95
26) 2,2-Dichloropropane	6.978	77	10509	5.999	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	6486	5.396	ug/l	95
28) Bromochloromethane	7.338	49	3356	4.656	ug/l #	99
29) Tetrahydrofuran	7.344	42	7948	27.252	ug/l	97
30) Chloroform	7.502	83	10933	5.612	ug/l	98
31) Cyclohexane	7.783	56	10718	5.626	ug/l #	71
32) 1,1,1-Trichloroethane	7.697	97	9777	5.549	ug/l	98
36) 1,1-Dichloropropene	7.917	75	8852	5.495	ug/l	97
37) Ethyl Acetate	7.076	43	4860	4.787	ug/l #	94
38) Carbon Tetrachloride	7.899	117	8949	5.380	ug/l	97
39) Methylcyclohexane	9.185	83	9494	4.957	ug/l	98
40) Benzene	8.161	78	25345	5.562	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	7169	13.106	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	7977	5.823	ug/l	99
43) Isopropyl Acetate	8.270	43	9496	5.242	ug/l #	91
44) Trichloroethene	8.941	130	6701	5.578	ug/l	97
45) 1,2-Dichloropropane	9.215	63	6181	5.367	ug/l	100
46) Dibromomethane	9.301	93	3861	5.885	ug/l	98
47) Bromodichloromethane	9.496	83	8339	5.394	ug/l	100
48) Methyl methacrylate	9.295	41	3802	4.555	ug/l #	88
49) 1,4-Dioxane	9.295	88	919	108.356	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	25223	25.670	ug/l	99
52) Toluene	10.246	92	15307	5.570	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	8694	5.361	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	9749	5.311	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	4859	5.318	ug/l	94
56) Ethyl methacrylate	10.508	69	6166	5.061	ug/l	99
57) 1,3-Dichloropropane	10.788	76	8345	5.362	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	15426	24.120	ug/l	99
59) 2-Hexanone	10.831	43	17683	24.762	ug/l	97
60) Dibromochloromethane	10.983	129	6328	5.690	ug/l	100
61) 1,2-Dibromoethane	11.087	107	4990	5.670	ug/l	98
64) Tetrachloroethene	10.721	164	5963	5.689	ug/l	94
65) Chlorobenzene	11.520	112	16073	5.319	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	6281	5.617	ug/l	98
67) Ethyl Benzene	11.593	91	27480	5.173	ug/l	97
68) m/p-Xylenes	11.703	106	20447	10.005	ug/l	99
69) o-Xylene	12.032	106	9240	4.844	ug/l	100
70) Styrene	12.044	104	15581	4.895	ug/l	97
71) Bromoform	12.209	173	4151	5.694	ug/l #	99
73) Isopropylbenzene	12.331	105	24966	4.801	ug/l	99
74) N-amyl acetate	12.148	43	7549	4.614	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	6953	5.948	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	8186	9.342	ug/l #	100
77) Bromobenzene	12.611	156	6916	5.474	ug/l	94
78) n-propylbenzene	12.672	91	32351	5.046	ug/l	99
79) 2-Chlorotoluene	12.757	91	18038	5.062	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	20585	4.797	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2063	4.878	ug/l	99
82) 4-Chlorotoluene	12.855	91	18923	5.130	ug/l	99
83) tert-Butylbenzene	13.074	119	18171	4.906	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	20002	4.766	ug/l	100
85) sec-Butylbenzene	13.251	105	27602	4.884	ug/l	100
86) p-Isopropyltoluene	13.373	119	21924	4.747	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	13801	5.664	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	13836	5.564	ug/l	95
89) n-Butylbenzene	13.696	91	21848	4.941	ug/l	98
90) Hexachloroethane	13.965	117	5377	5.590	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	12059	5.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1141	6.039	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	6503	4.795	ug/l	99
94) Hexachlorobutadiene	15.111	225	4261	5.152	ug/l	99
95) Naphthalene	15.239	128	11604	4.270	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	5689	4.717	ug/l	96

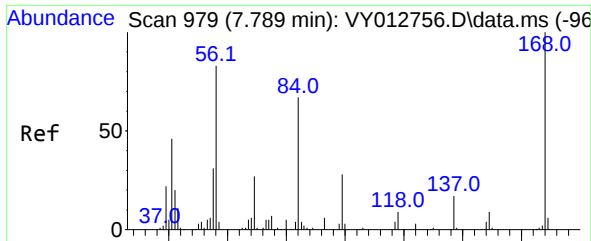
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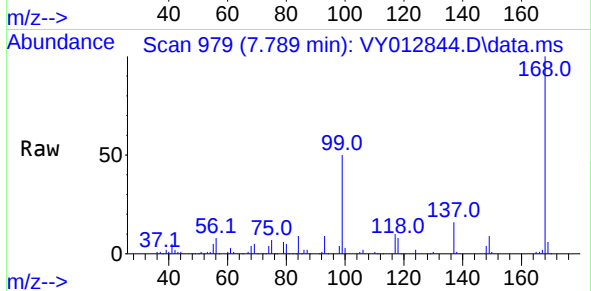
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

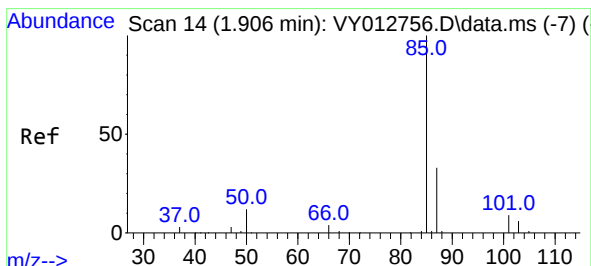
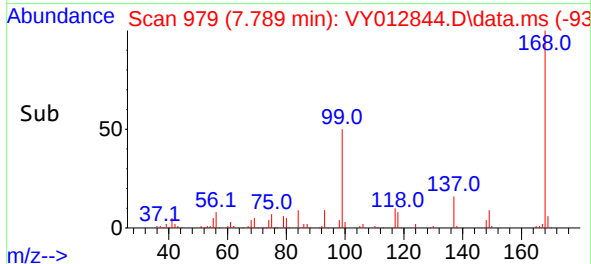
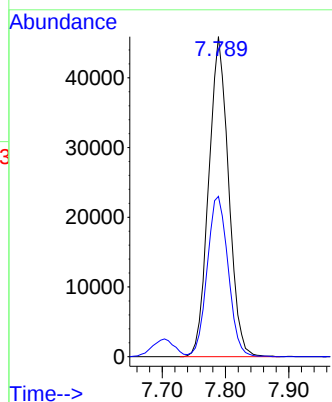


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
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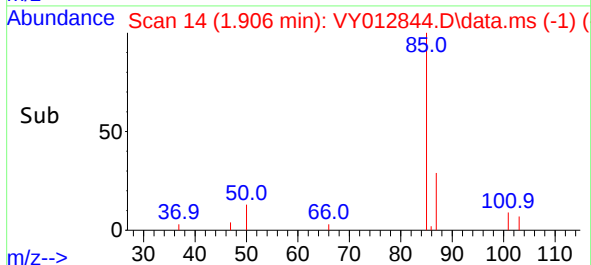
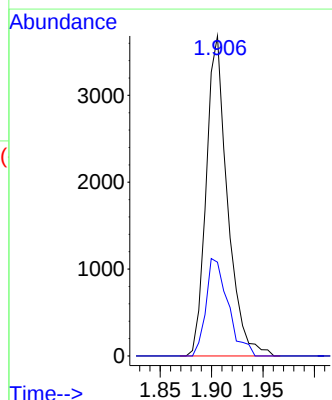
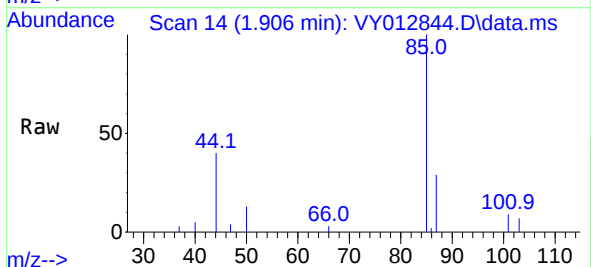


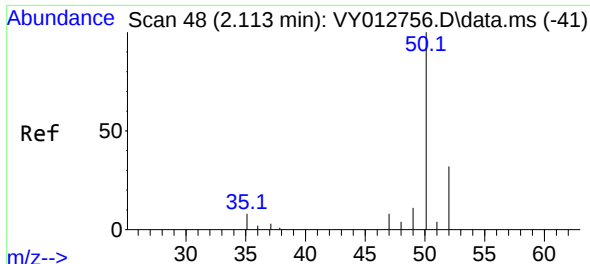
Tgt Ion:168 Resp: 100182
Ion Ratio Lower Upper
168 100
99 50.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 5.365 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 85 Resp: 5298
Ion Ratio Lower Upper
85 100
87 29.3 16.7 50.0

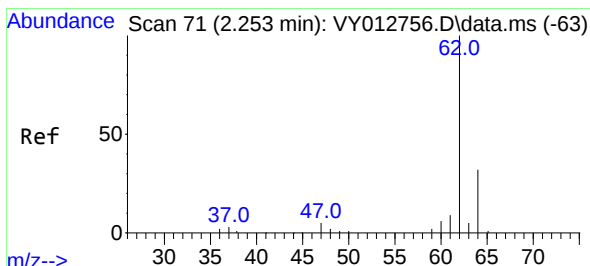
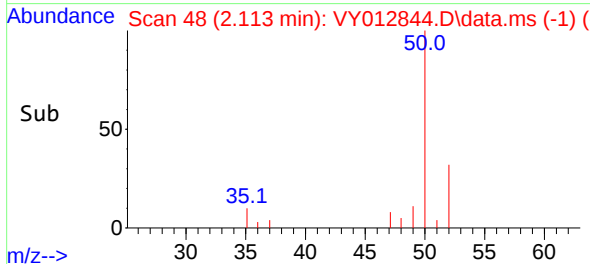
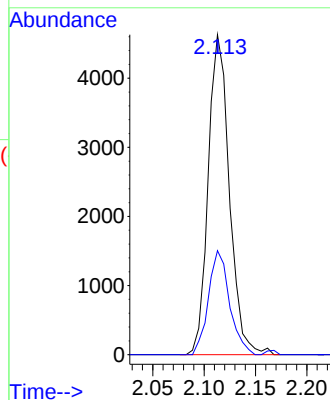
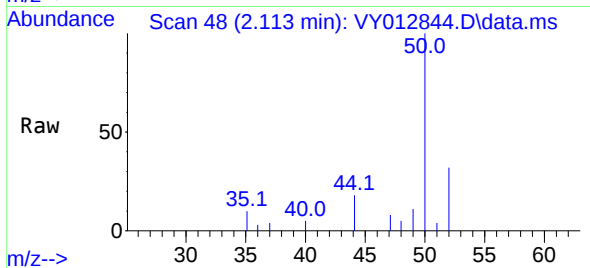




#3
Chloromethane
Concen: 5.620 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

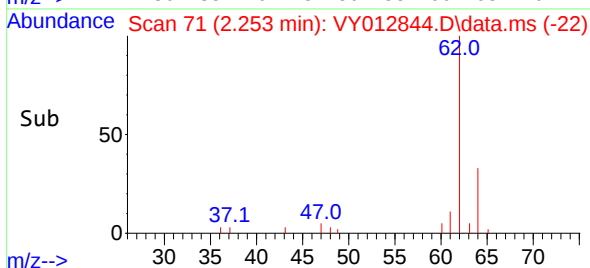
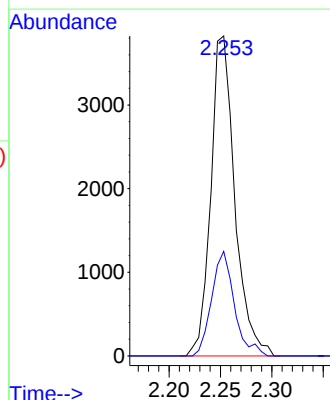
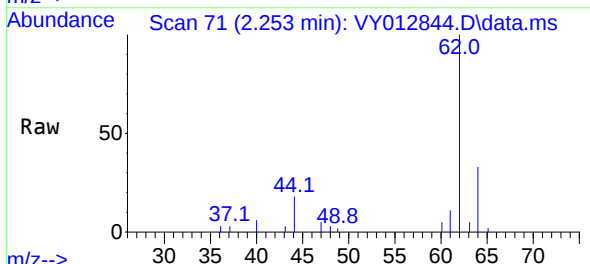
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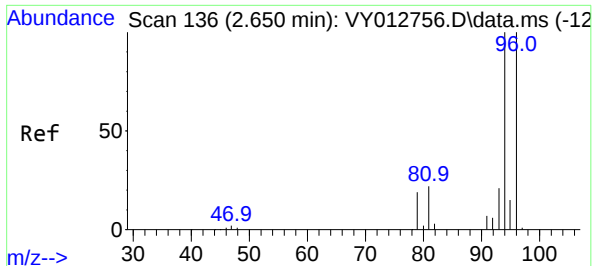
Tgt Ion: 50 Resp: 6634
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 5.738 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 62 Resp: 6211
Ion Ratio Lower Upper
62 100
64 32.7 25.6 38.4

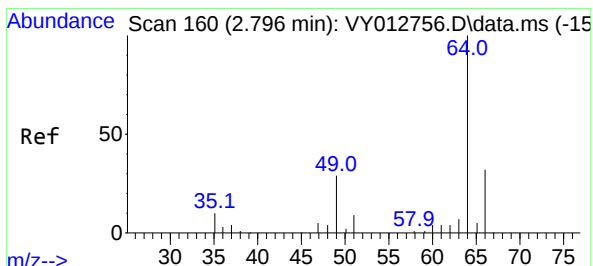
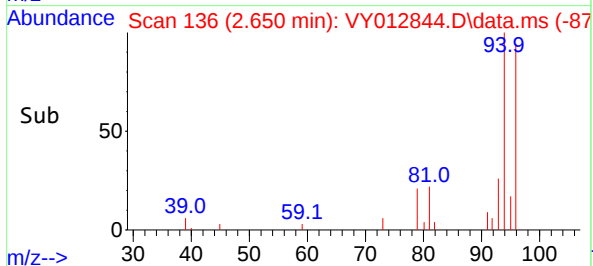
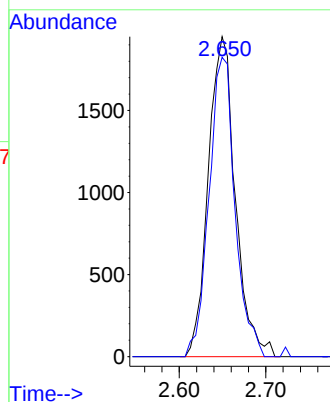
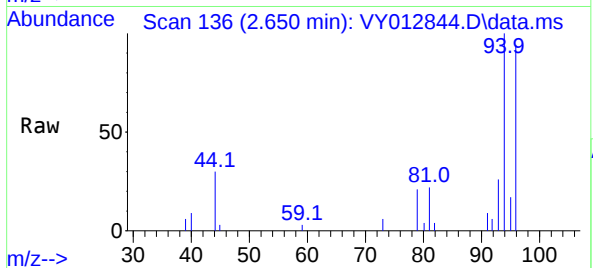




#5
Bromomethane
Concen: 6.429 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

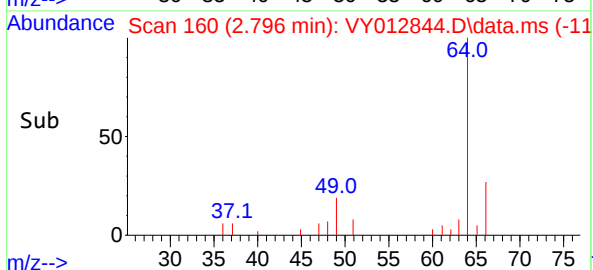
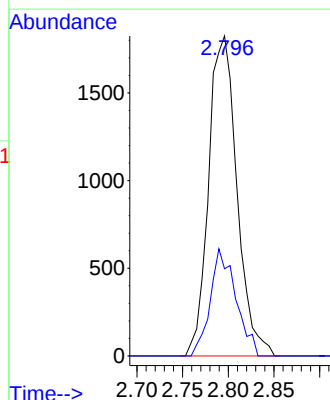
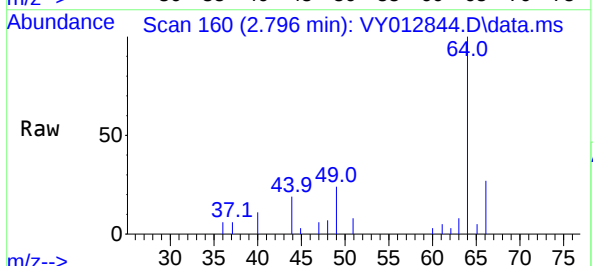
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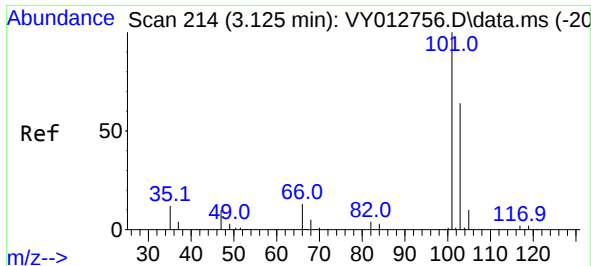
Tgt Ion: 94 Resp: 4229
Ion Ratio Lower Upper
94 100
96 93.5 80.3 120.5



#6
Chloroethane
Concen: 6.064 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 64 Resp: 3931
Ion Ratio Lower Upper
64 100
66 27.2 25.7 38.5

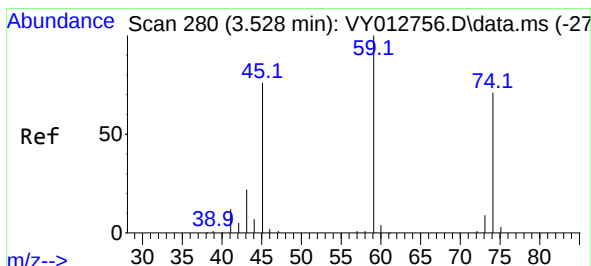
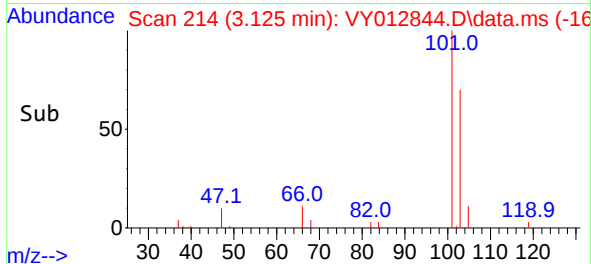
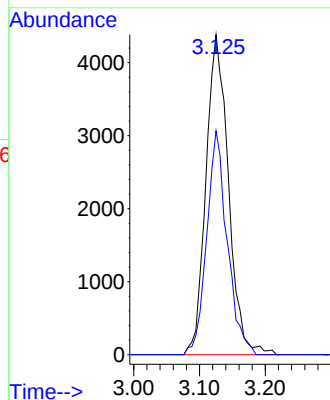
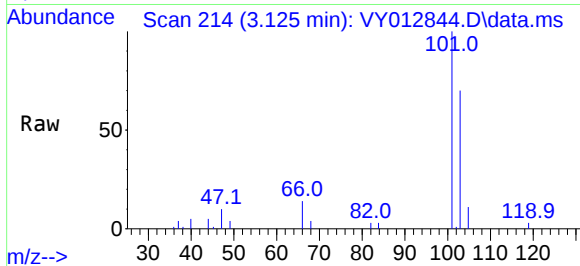




#7
Trichlorofluoromethane
Concen: 5.795 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

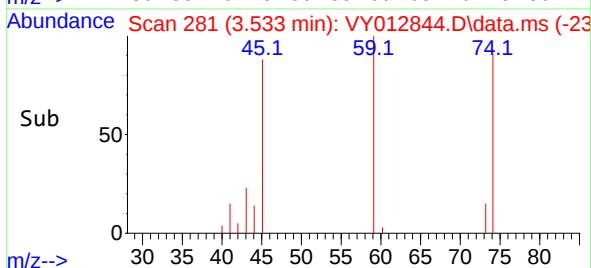
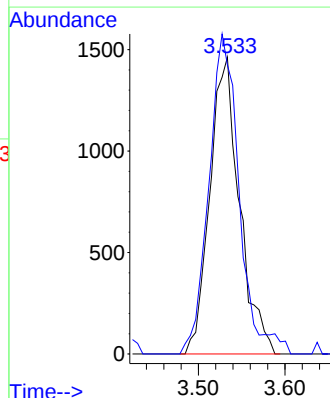
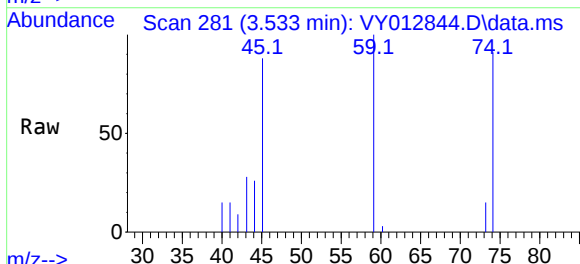
Instrument :
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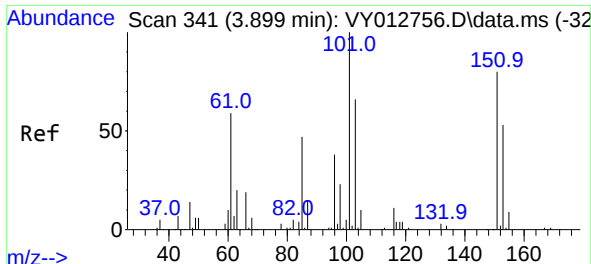
Tgt Ion:101 Resp: 10418
Ion Ratio Lower Upper
101 100
103 69.9 51.5 77.3



#8
Diethyl Ether
Concen: 5.508 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 74 Resp: 3470
Ion Ratio Lower Upper
74 100
45 110.3 52.1 156.4

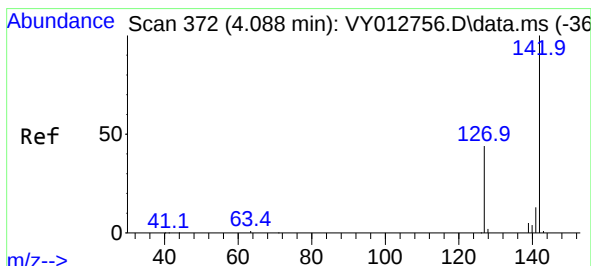
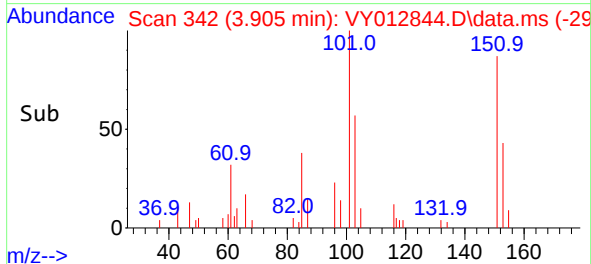
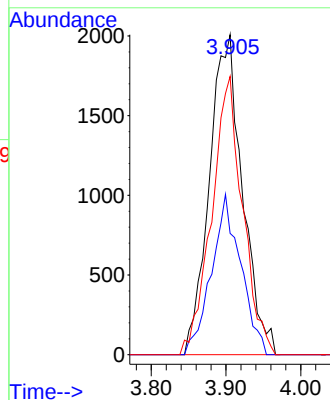
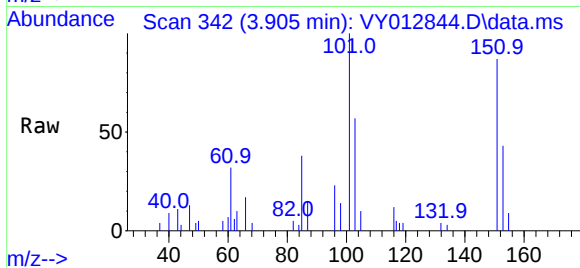




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.711 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

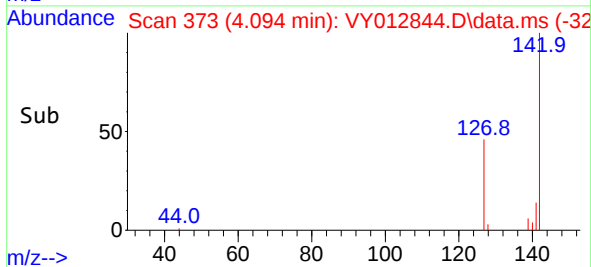
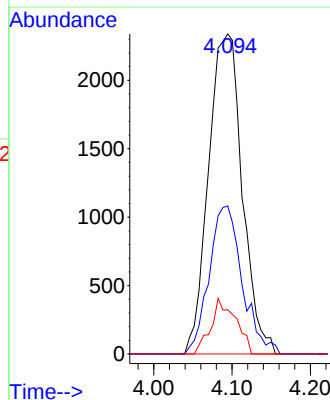
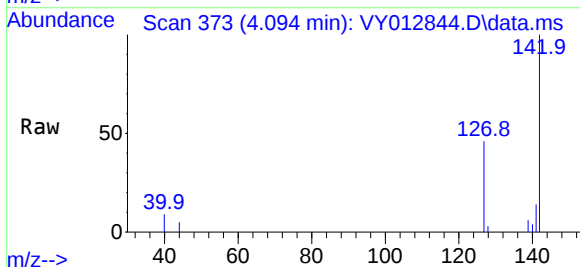
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

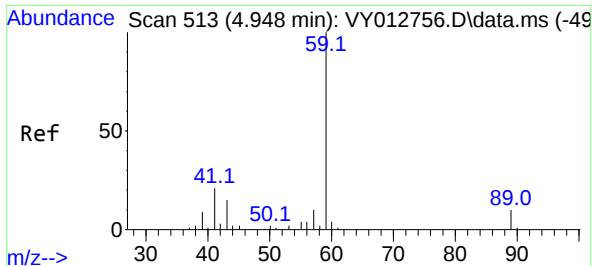
Tgt Ion:101 Resp: 6178
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 81.4 63.1 94.7



#10
Methyl Iodide
Concen: 4.971 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:142 Resp: 7006
Ion Ratio Lower Upper
142 100
127 45.4 35.4 53.2
141 12.8 11.3 16.9

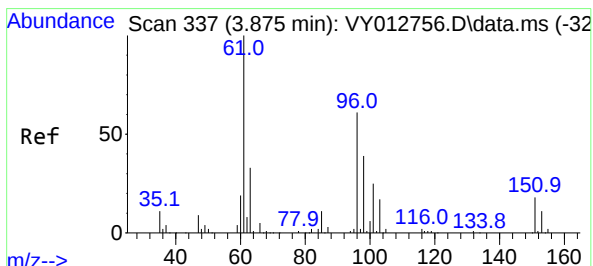
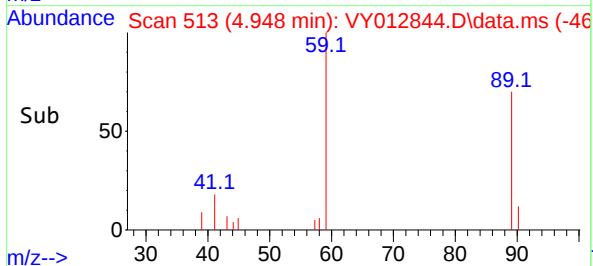
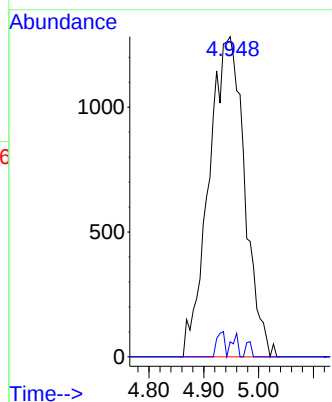
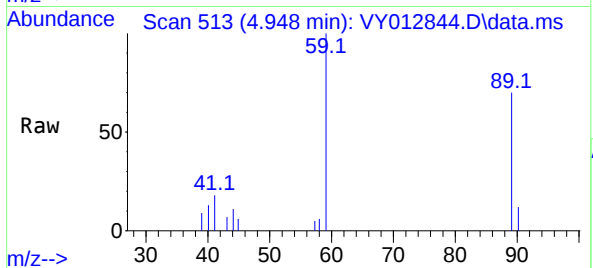




#11
Tert butyl alcohol
Concen: 33.216 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

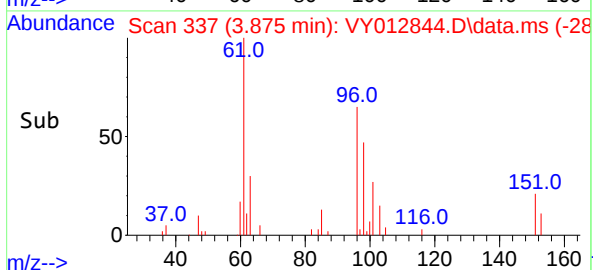
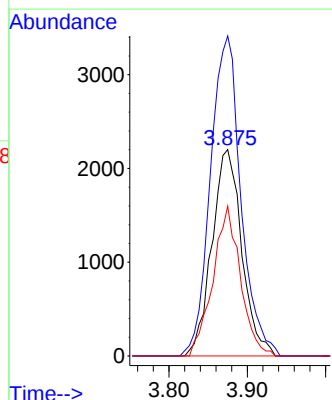
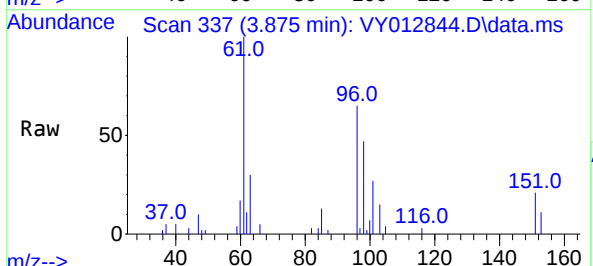
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2023

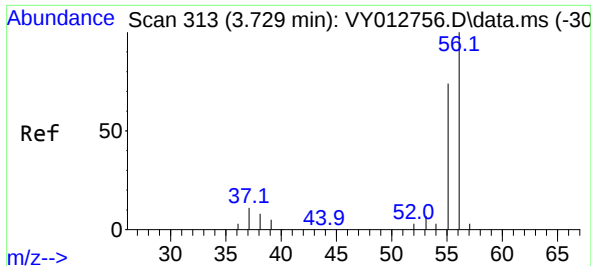
Tgt Ion: 59 Resp: 5799
Ion Ratio Lower Upper
59 100
57 1.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 5.652 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 96 Resp: 5831
Ion Ratio Lower Upper
96 100
61 155.0 131.7 197.5
98 72.6 52.0 78.0

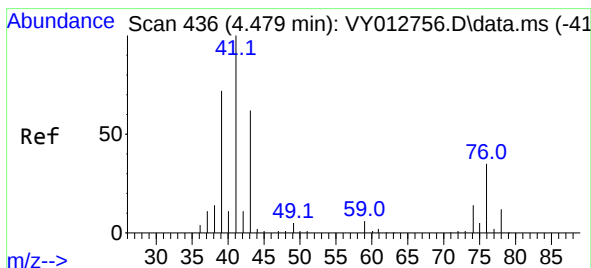
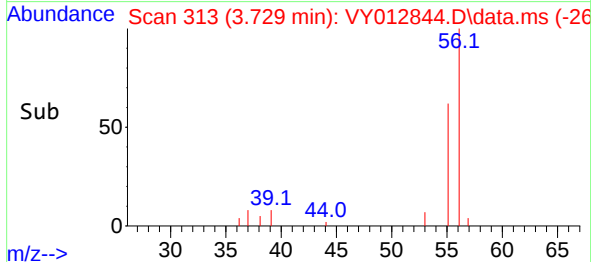
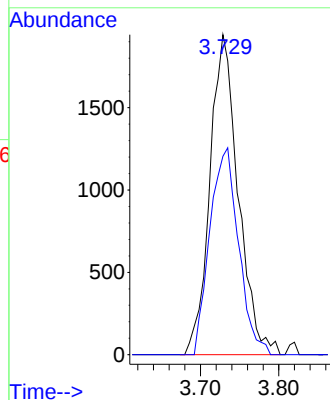
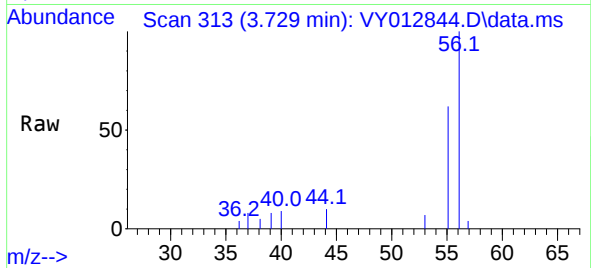




#13
Acrolein
Concen: 28.072 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

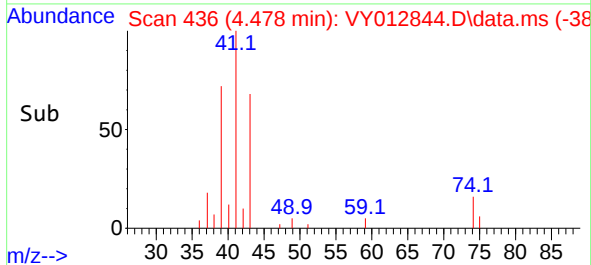
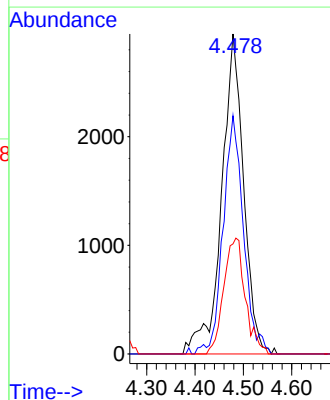
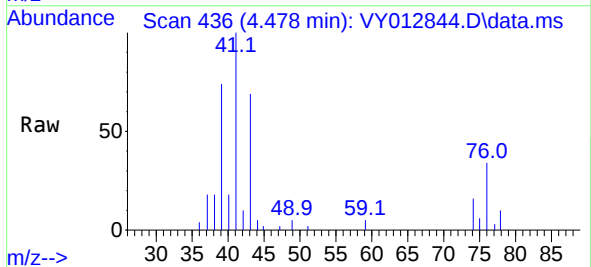
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

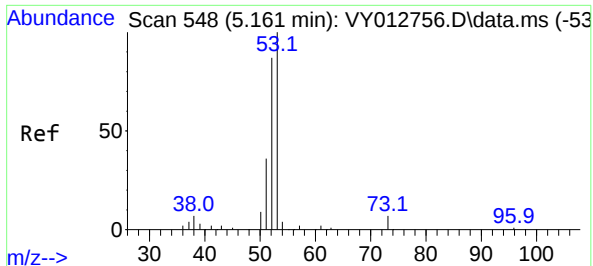
Tgt Ion: 56 Resp: 4892
Ion Ratio Lower Upper
56 100
55 65.4 56.8 85.2



#14
Allyl chloride
Concen: 4.894 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 41 Resp: 9326
Ion Ratio Lower Upper
41 100
39 68.8 53.6 80.4
76 35.4 27.2 40.8

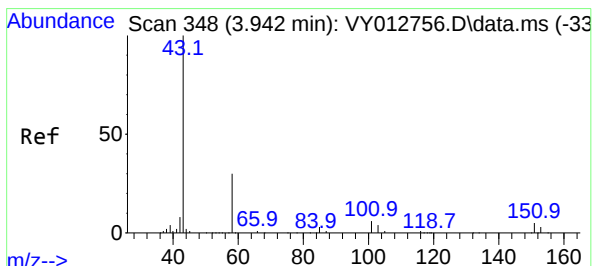
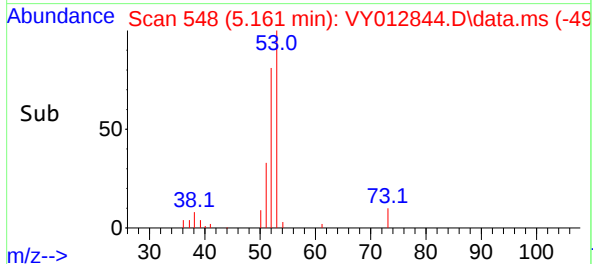
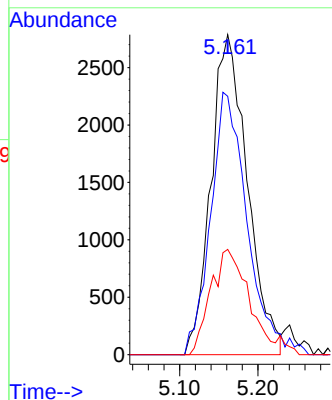
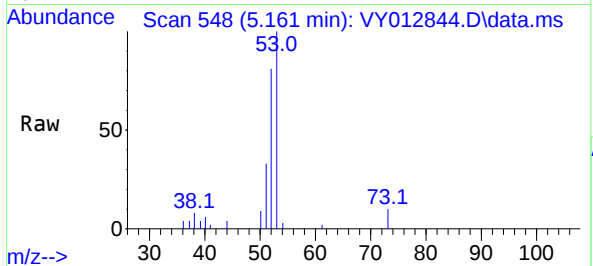




#15
Acrylonitrile
Concen: 27.069 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

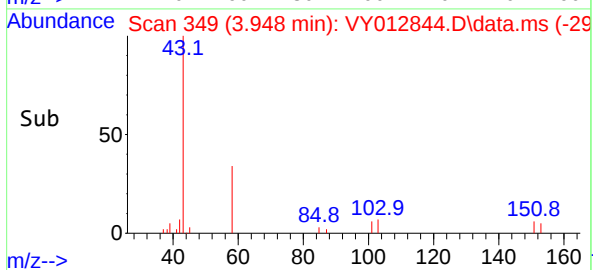
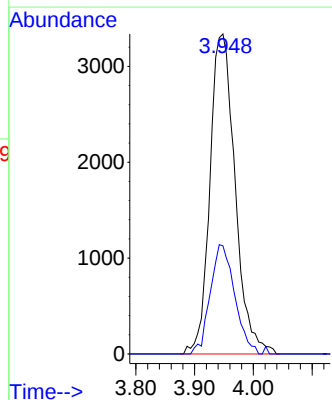
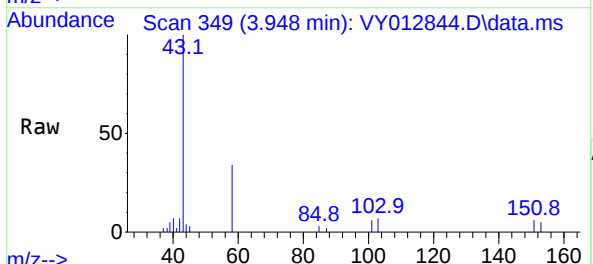
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

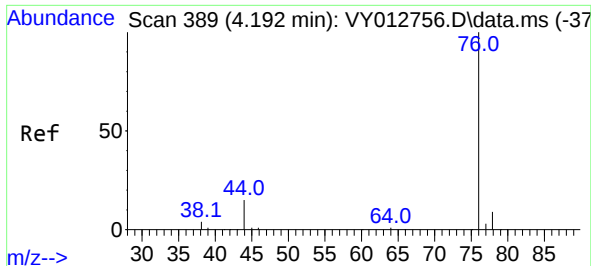
Tgt Ion:	53	Resp:	8986
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	34.3	28.8	43.2



#16
Acetone
Concen: 25.437 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	43	Resp:	9931
Ion	Ratio	Lower	Upper
43	100		
58	33.8	24.2	36.2

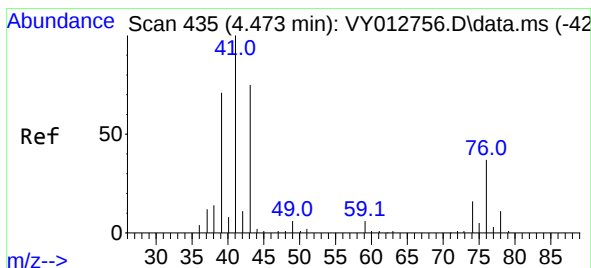
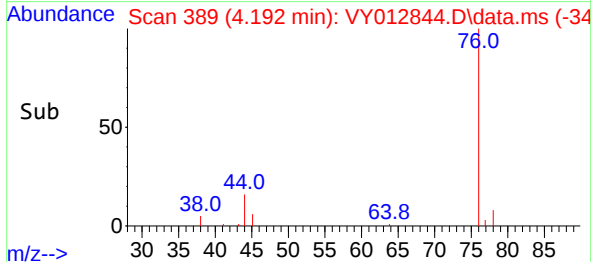
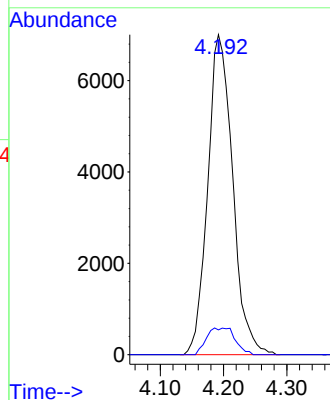
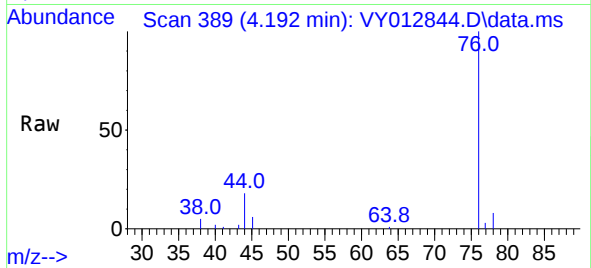




#17
Carbon Disulfide
Concen: 5.461 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

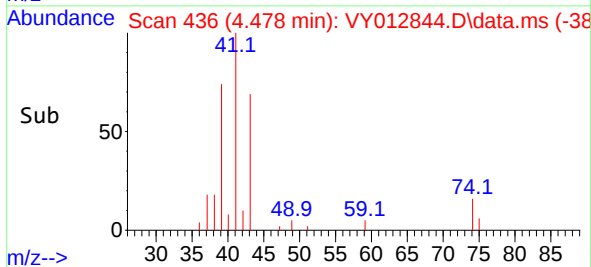
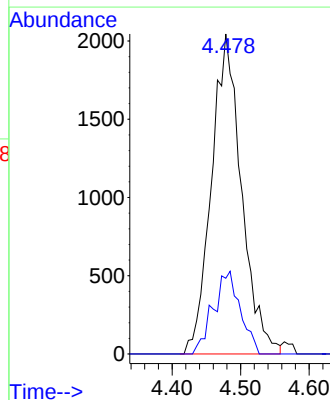
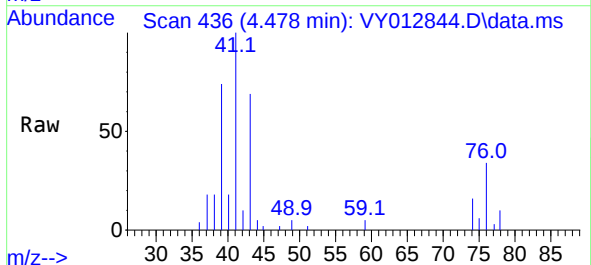
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

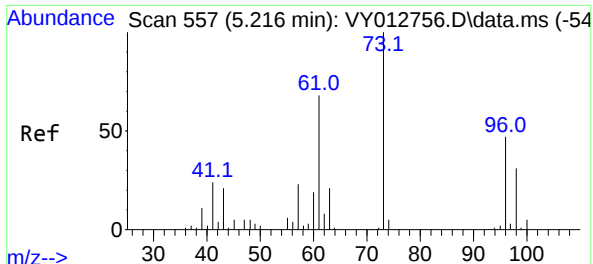
Tgt Ion: 76 Resp: 19177
Ion Ratio Lower Upper
76 100
78 7.8 7.1 10.7



#18
Methyl Acetate
Concen: 5.364 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 43 Resp: 6236
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 5.181 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY012844.D

Acq: 07 Mar 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

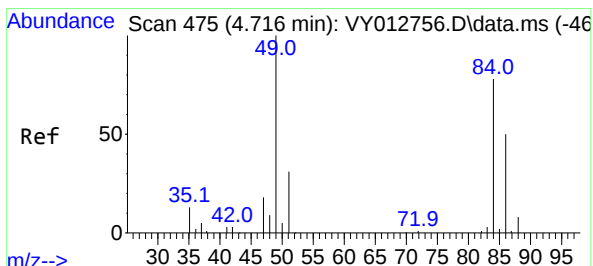
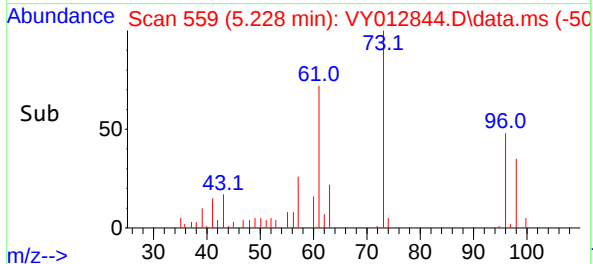
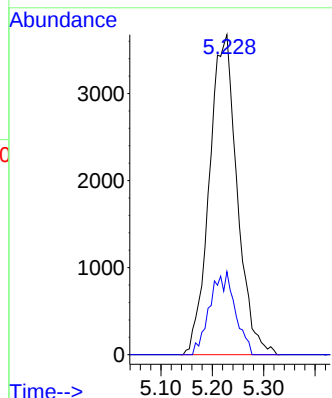
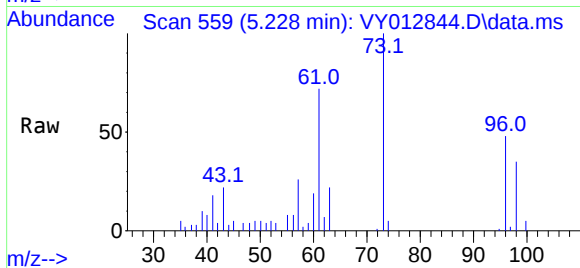
LOQ-SOIL-02-QT1-2023

Tgt Ion: 73 Resp: 13807

Ion Ratio Lower Upper

73 100

57 26.0 18.3 27.5



#20

Methylene Chloride

Concen: 4.640 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012844.D

Acq: 07 Mar 2023 14:57

Tgt Ion: 84 Resp: 11335

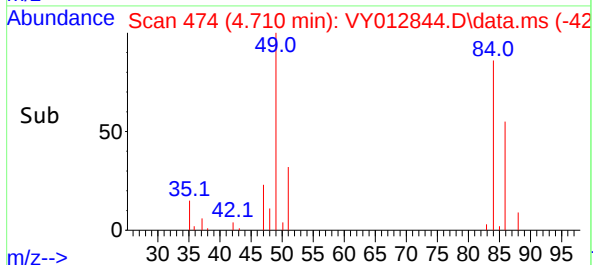
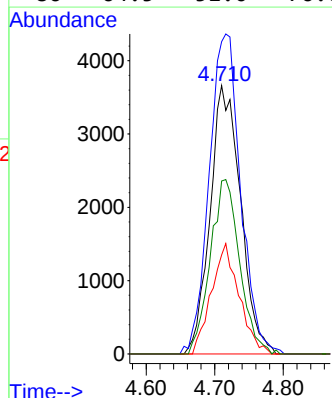
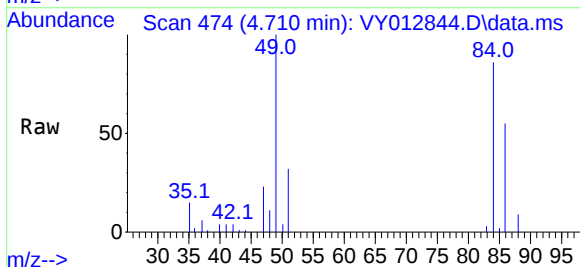
Ion Ratio Lower Upper

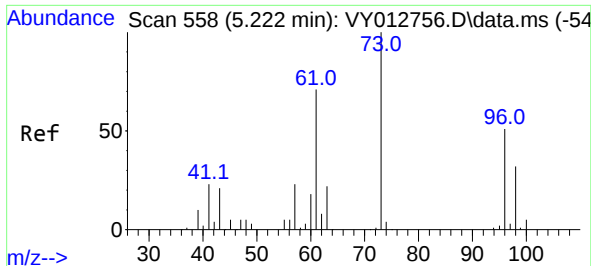
84 100

49 116.4 102.6 154.0

51 36.9 31.9 47.9

86 64.5 51.0 76.6

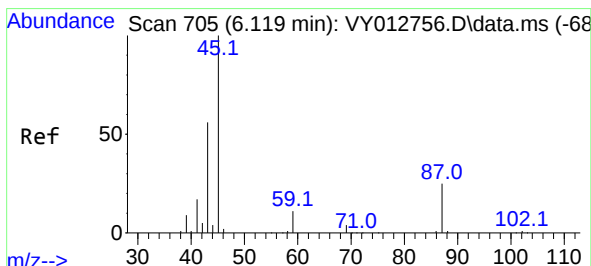
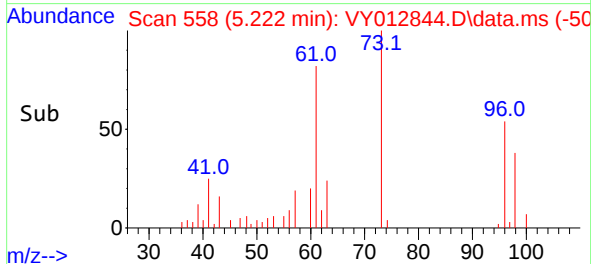
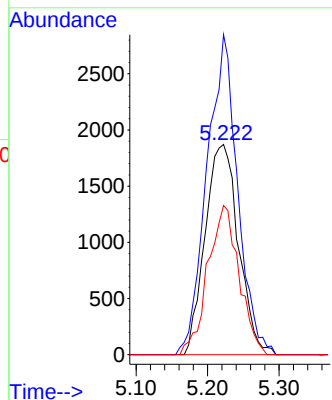
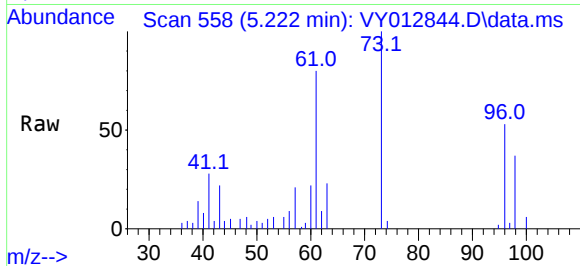




#21
trans-1,2-Dichloroethene
Concen: 5.421 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

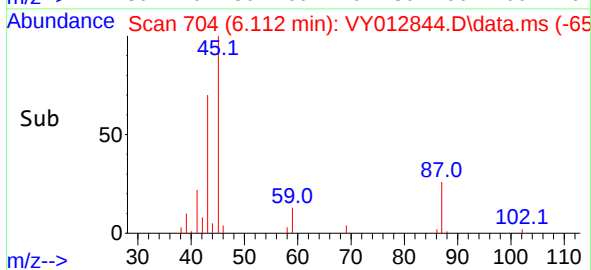
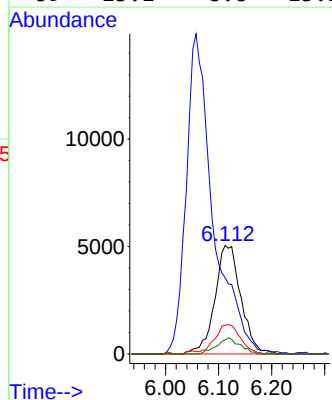
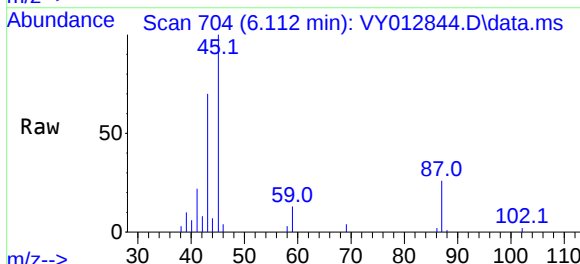
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

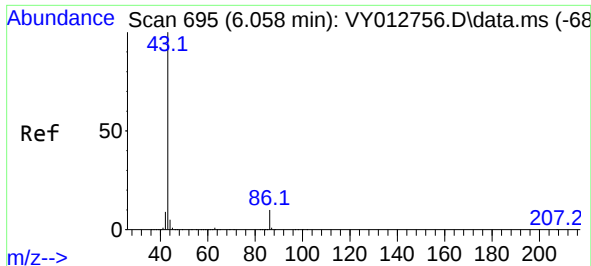
Tgt Ion: 96 Resp: 6077
Ion Ratio Lower Upper
96 100
61 152.2 111.4 167.0
98 71.0 50.8 76.2



#22
Diisopropyl ether
Concen: 4.967 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 45 Resp: 17192
Ion Ratio Lower Upper
45 100
43 69.0 45.0 67.6#
87 26.4 20.3 30.5
59 13.1 8.8 13.2

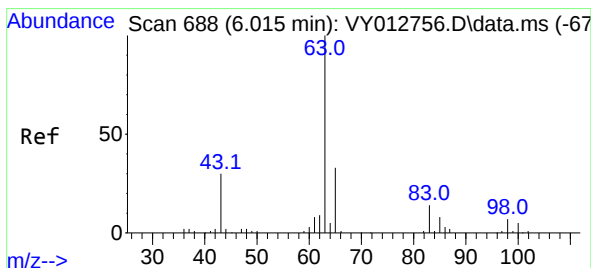
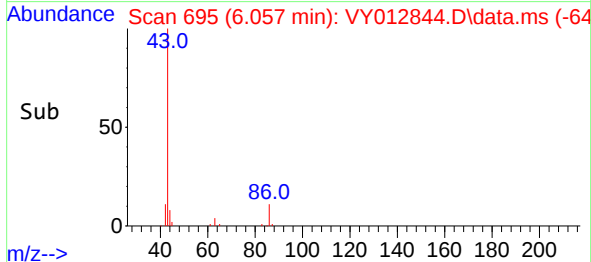
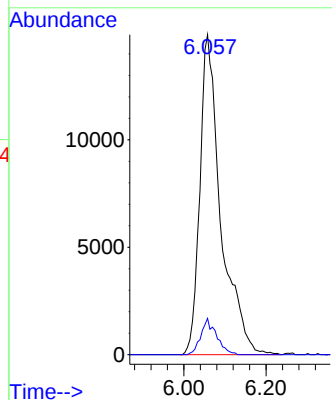
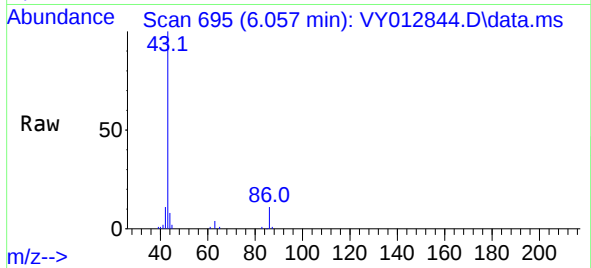




#23
 Vinyl Acetate
 Concen: 24.522 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY012844.D
 Acq: 07 Mar 2023 14:57

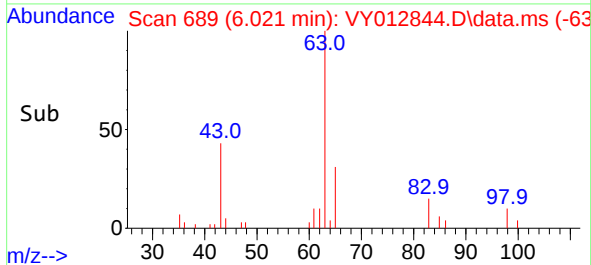
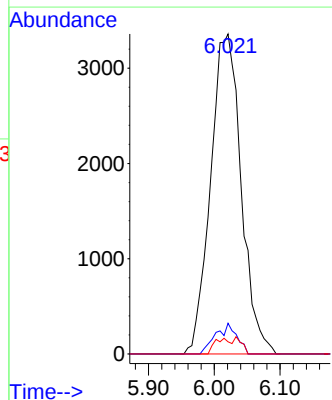
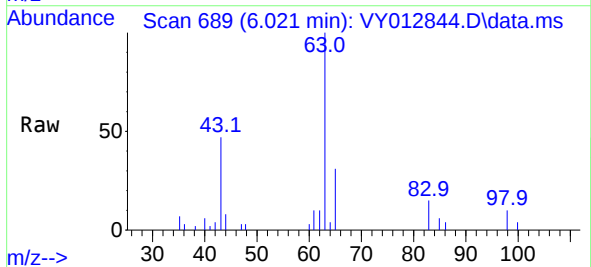
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

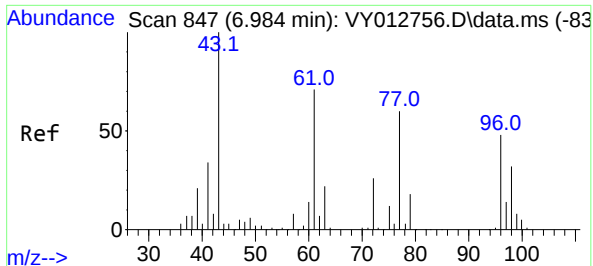
Tgt Ion: 43 Resp: 52738
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.515 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012844.D
 Acq: 07 Mar 2023 14:57

Tgt Ion: 63 Resp: 10878
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.7 11.1
 100 3.8 2.3 6.8

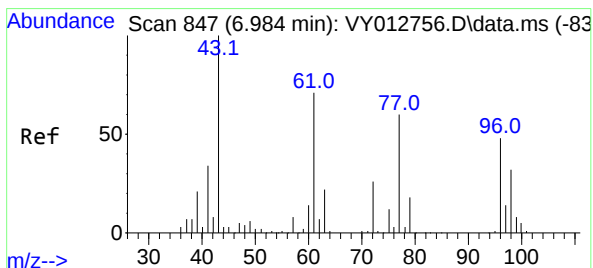
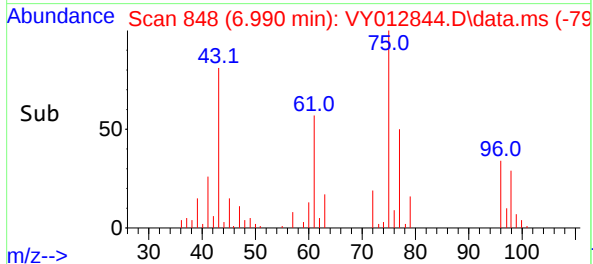
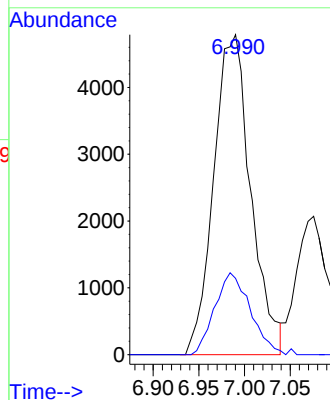
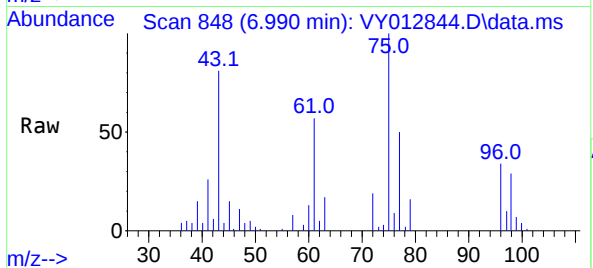




#25
2-Butanone
Concen: 27.913 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

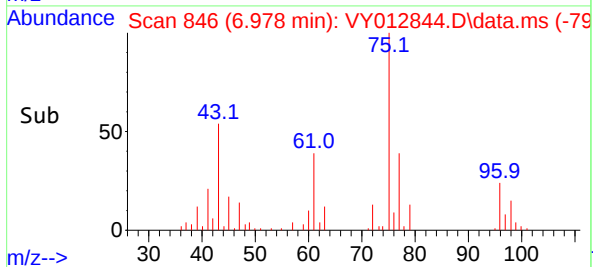
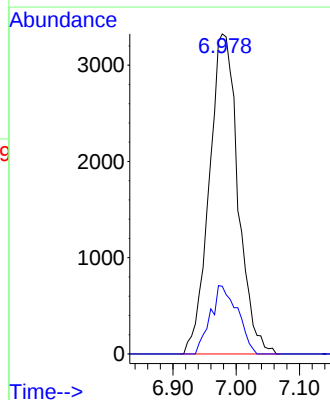
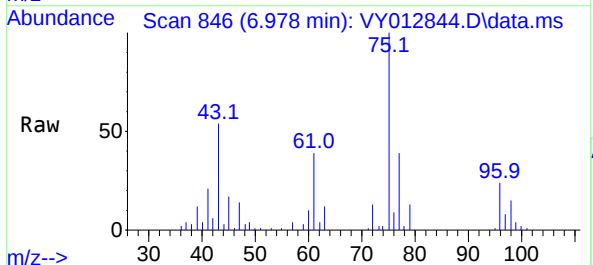
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

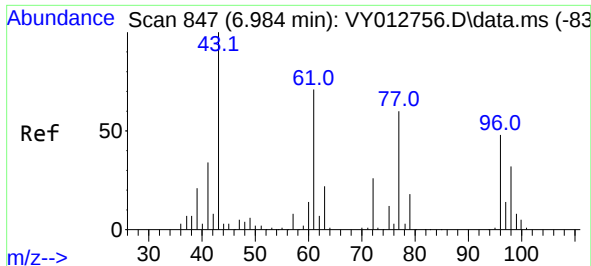
Tgt Ion: 43 Resp: 13498
Ion Ratio Lower Upper
43 100
72 23.8 21.0 31.4



#26
2,2-Dichloropropane
Concen: 5.999 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 77 Resp: 10509
Ion Ratio Lower Upper
77 100
97 20.0 11.7 35.0

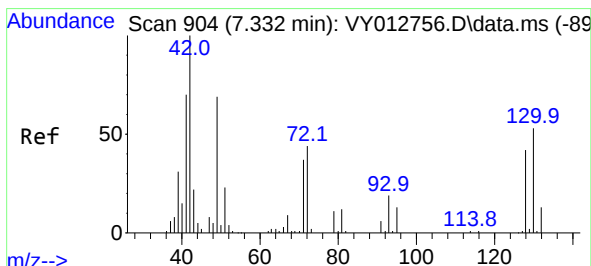
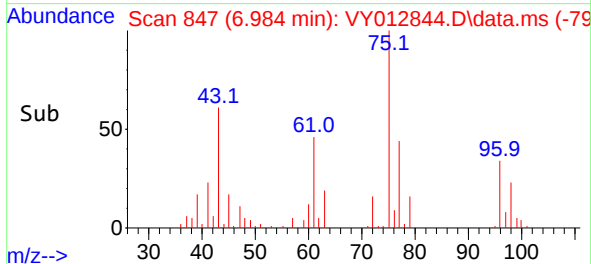
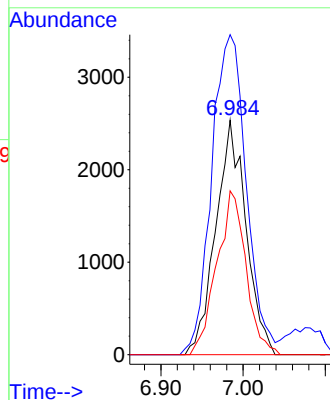
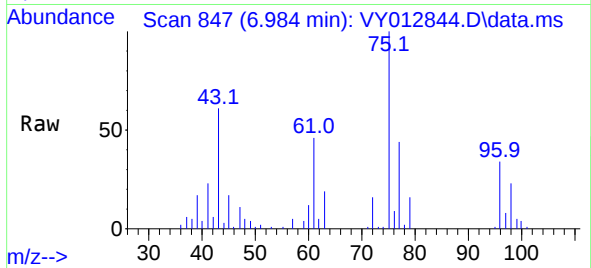




#27
cis-1,2-Dichloroethene
Concen: 5.396 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

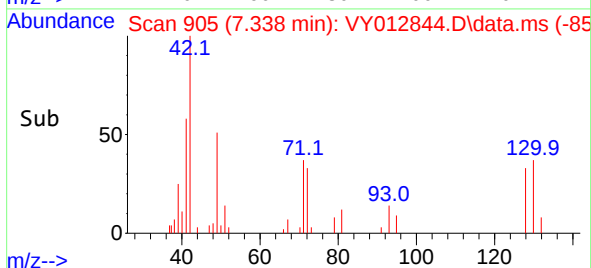
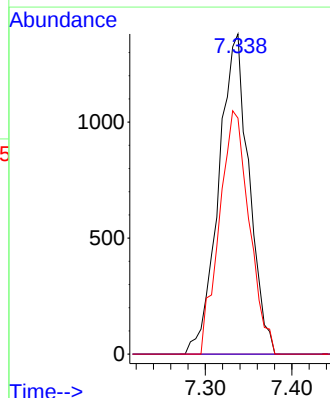
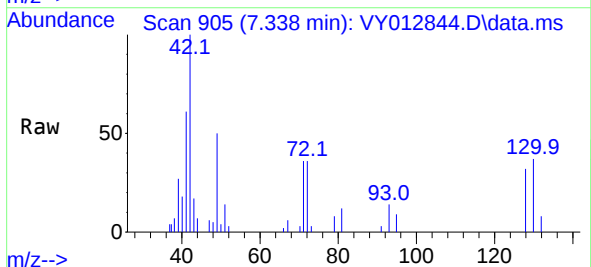
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

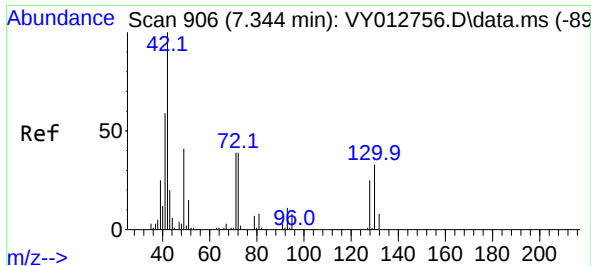
Tgt Ion: 96 Resp: 6486
Ion Ratio Lower Upper
96 100
61 156.1 0.0 295.8
98 67.4 0.0 130.2



#28
Bromochloromethane
Concen: 4.656 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 49 Resp: 3356
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 75.0 60.5 90.7

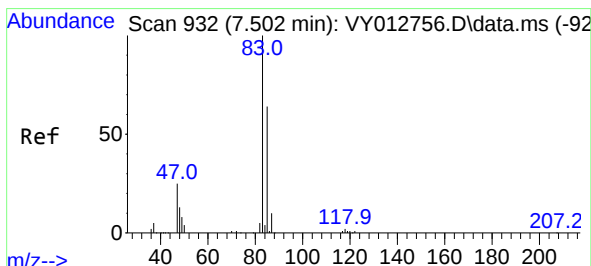
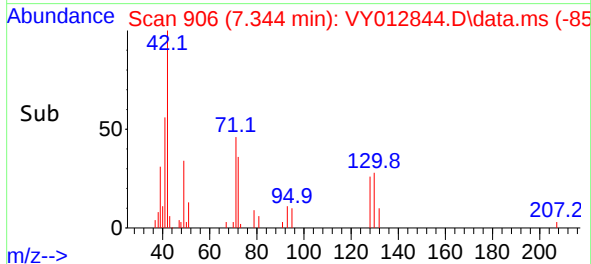
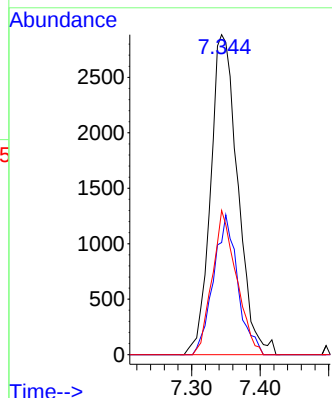
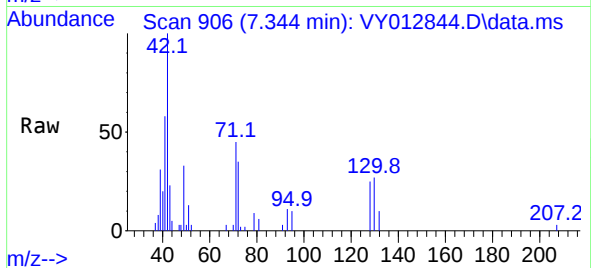




#29
Tetrahydrofuran
Concen: 27.252 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

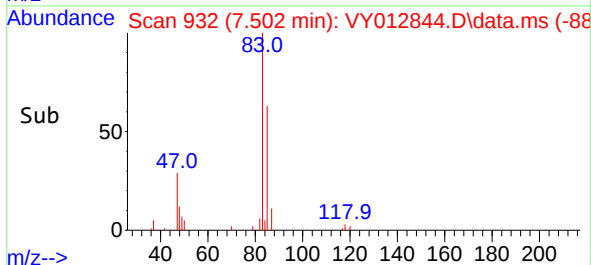
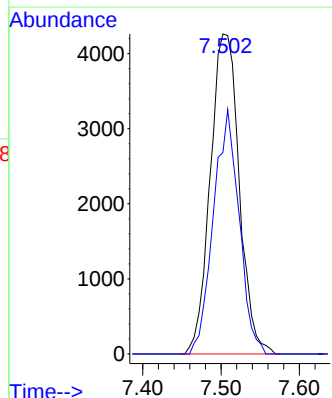
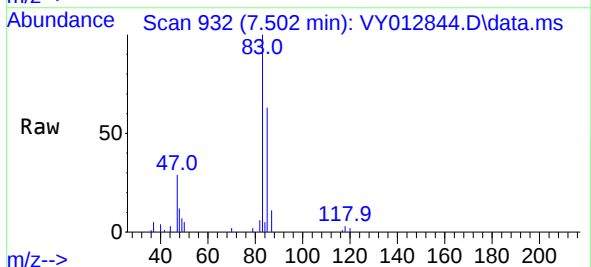
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

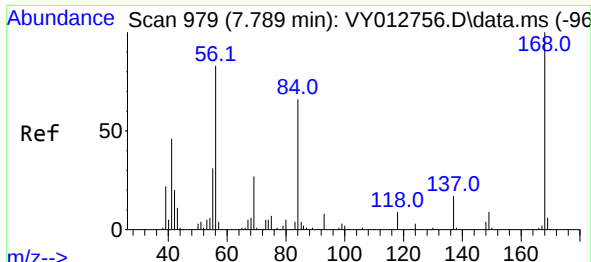
Tgt Ion:	42	Resp:	7948
Ion	Ratio	Lower	Upper
42	100		
72	38.9	32.3	48.5
71	40.1	30.3	45.5



#30
Chloroform
Concen: 5.612 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	83	Resp:	10933
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.0

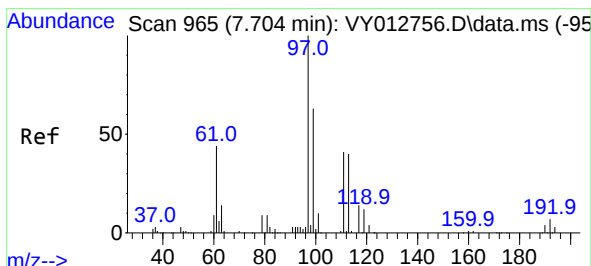
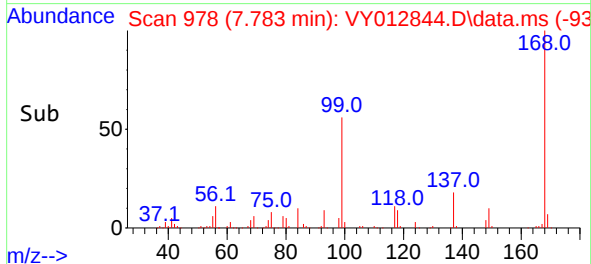
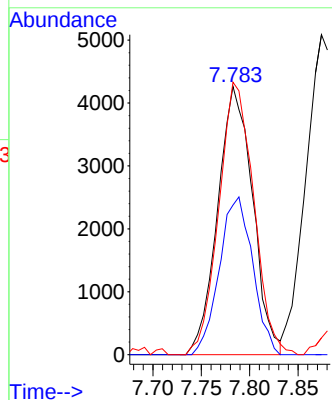
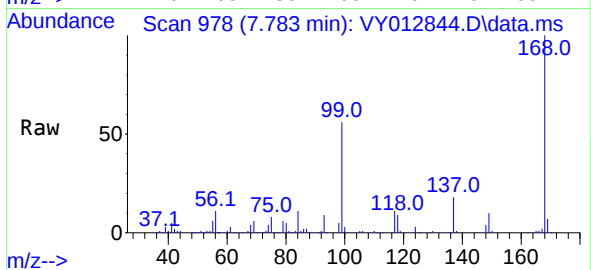




#31
Cyclohexane
Concen: 5.626 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

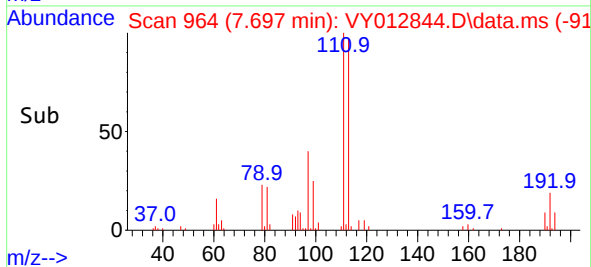
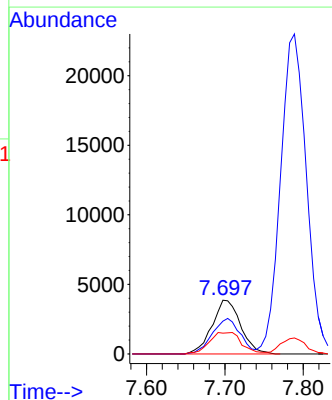
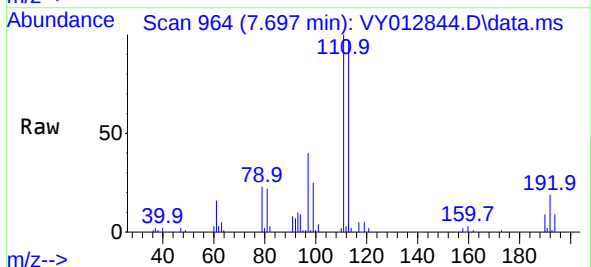
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

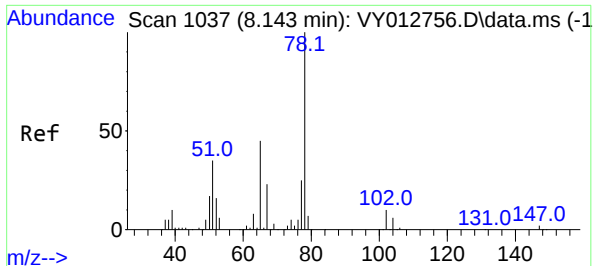
Tgt Ion: 56 Resp: 10718
Ion Ratio Lower Upper
56 100
69 55.8 25.7 38.5#
84 101.6 64.3 96.5#



#32
1,1,1-Trichloroethane
Concen: 5.549 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 97 Resp: 9777
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 45.0 34.5 51.7

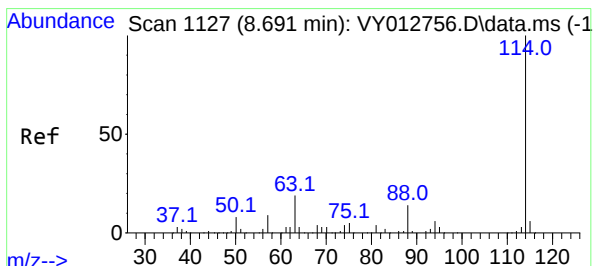
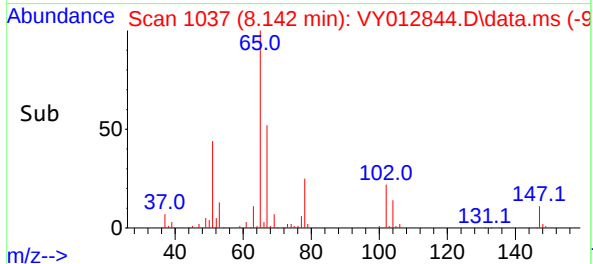
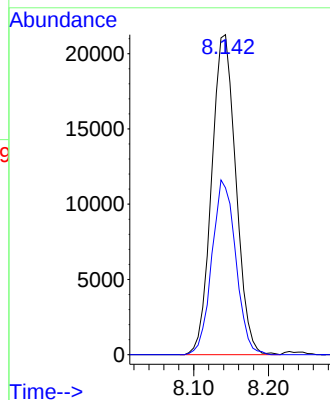
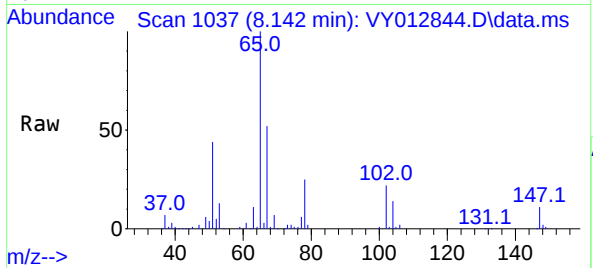




#33
1,2-Dichloroethane-d4
Concen: 48.257 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

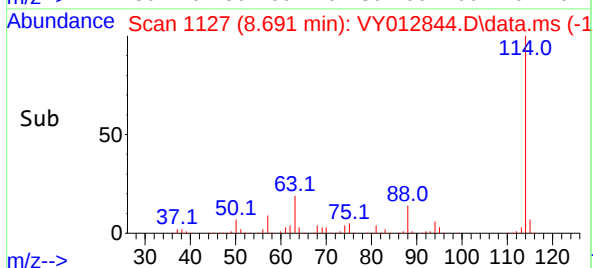
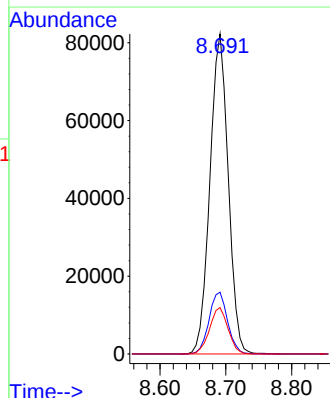
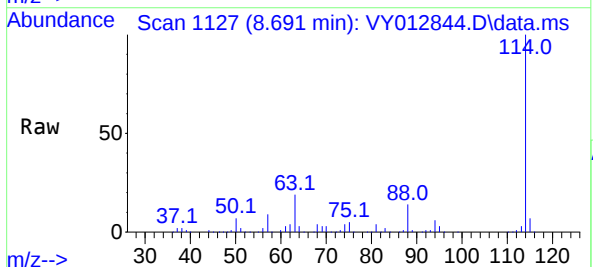
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

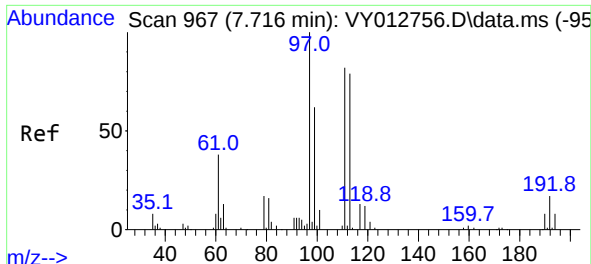
Tgt Ion: 65 Resp: 48000
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 114 Resp: 159281
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.4
88 14.5 0.0 28.6

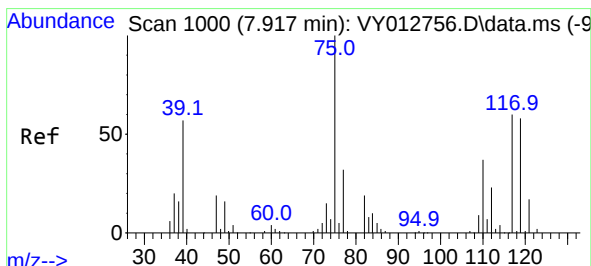
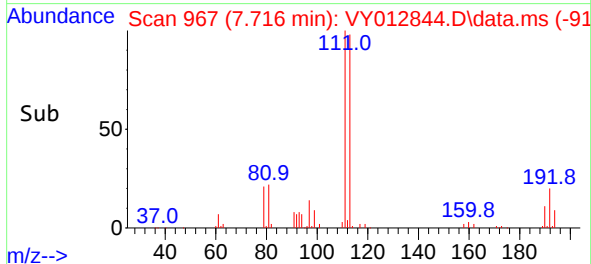
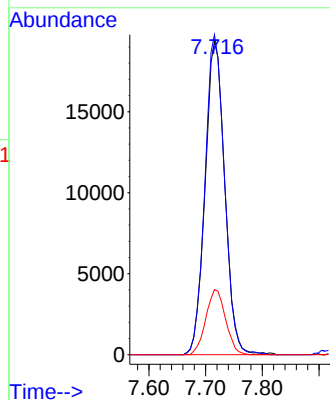
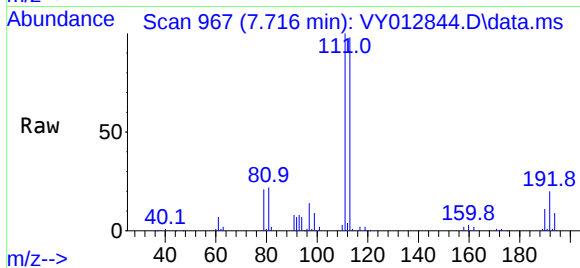




#35
Dibromofluoromethane
Concen: 48.406 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

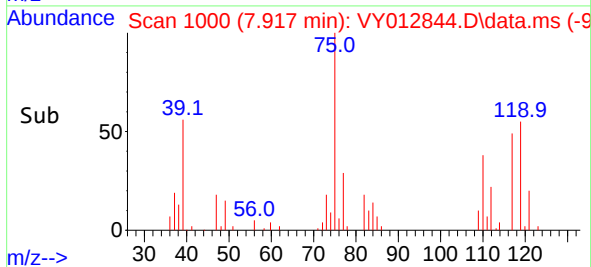
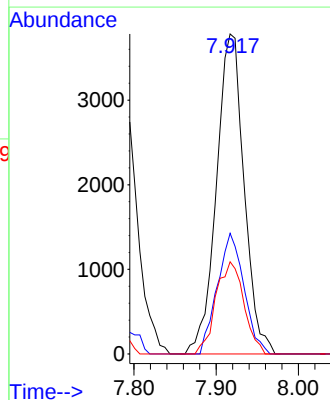
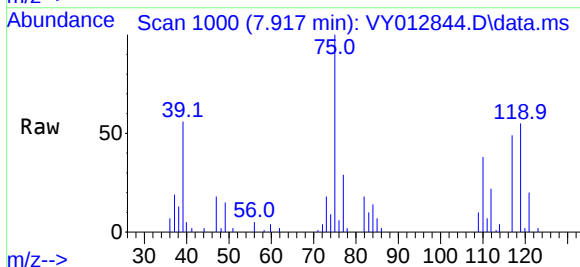
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

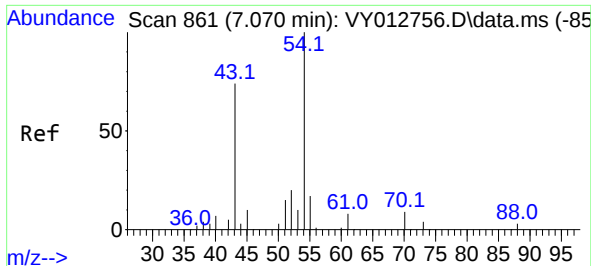
Tgt Ion:	113	Resp:	46531
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	20.9	16.8	25.2



#36
1,1-Dichloropropene
Concen: 5.495 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	75	Resp:	8852
Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.3
77	29.1	25.0	37.4

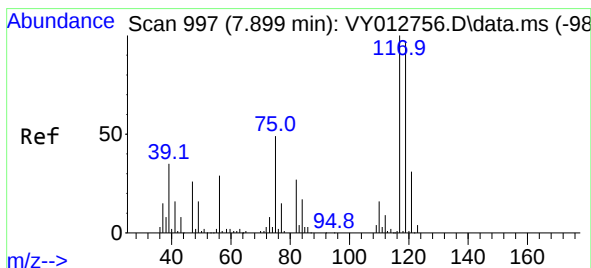
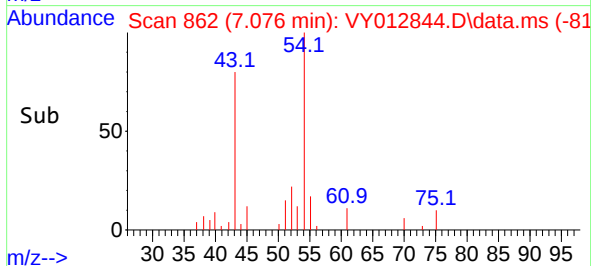
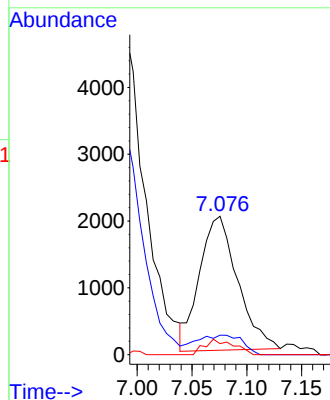
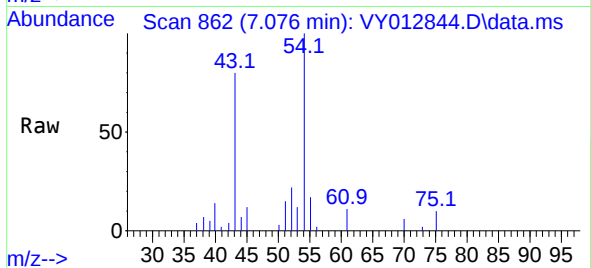




#37
Ethyl Acetate
Concen: 4.787 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

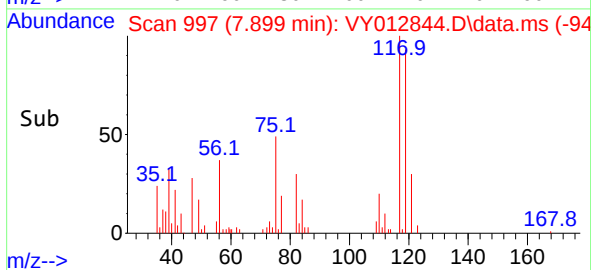
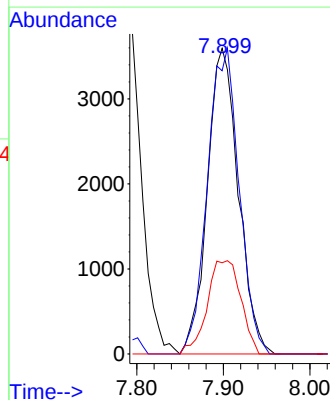
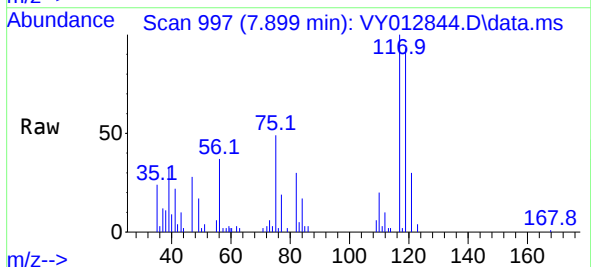
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

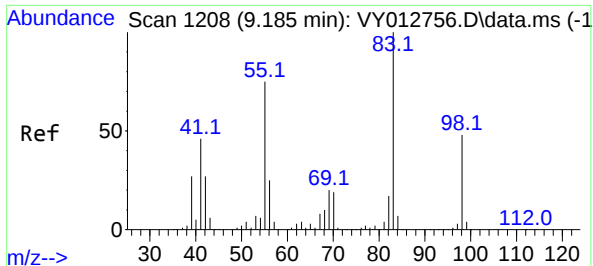
Tgt Ion: 43 Resp: 4860
Ion Ratio Lower Upper
43 100
61 16.6 10.7 16.1#
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 5.380 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 117 Resp: 8949
Ion Ratio Lower Upper
117 100
119 92.7 77.2 115.8
121 29.8 24.7 37.1





#39

Methylcyclohexane

Concen: 4.957 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012844.D

Acq: 07 Mar 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2023

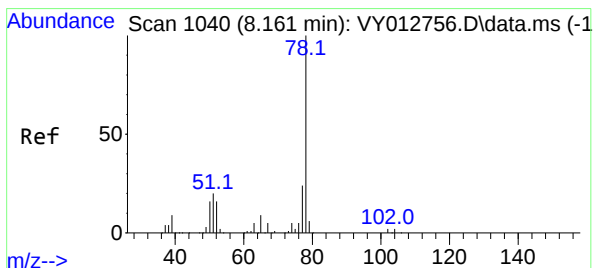
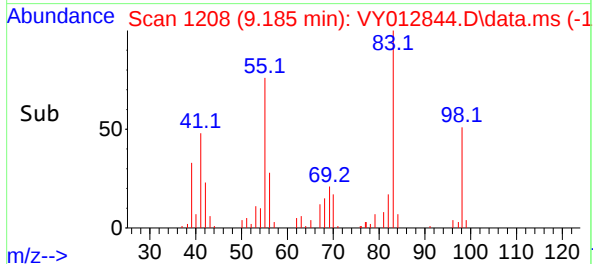
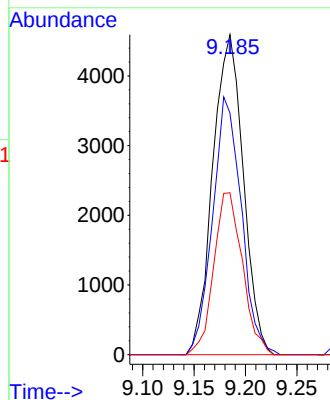
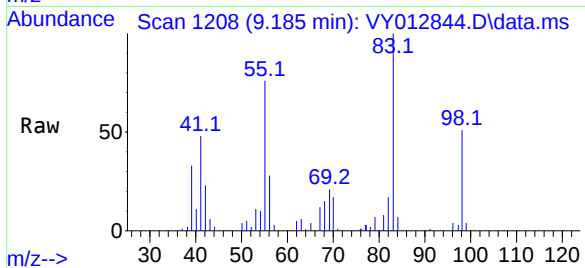
Tgt Ion: 83 Resp: 9494

Ion Ratio Lower Upper

83 100

55 75.5 60.0 90.0

98 50.6 38.3 57.5



#40

Benzene

Concen: 5.562 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012844.D

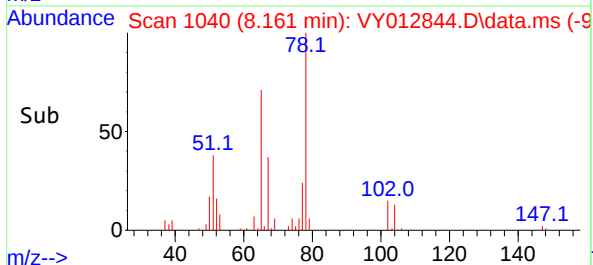
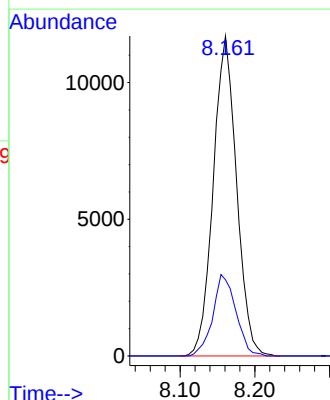
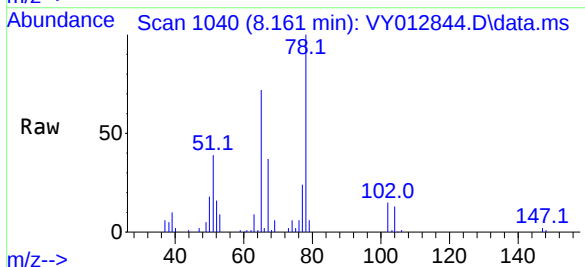
Acq: 07 Mar 2023 14:57

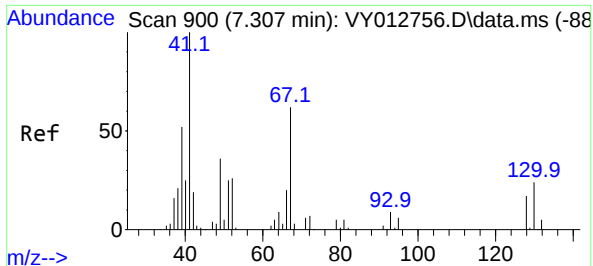
Tgt Ion: 78 Resp: 25345

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

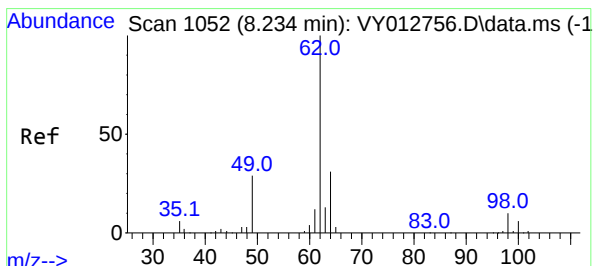
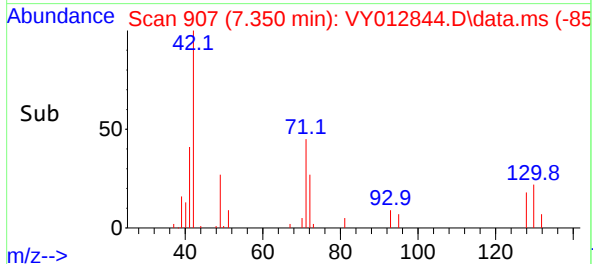
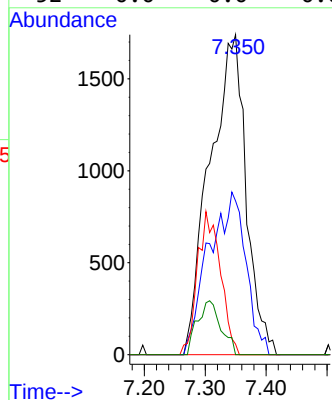
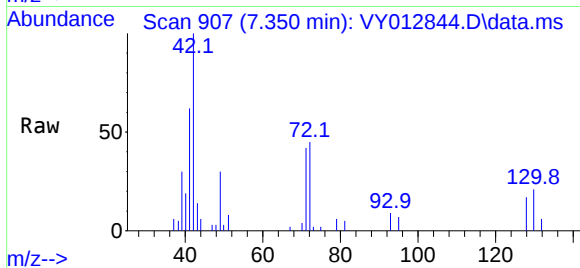




#41
Methacrylonitrile
Concen: 13.106 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

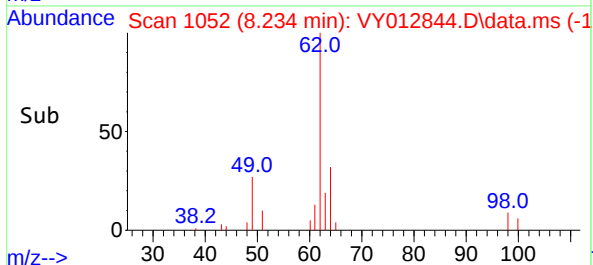
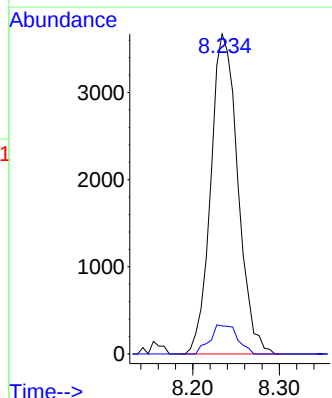
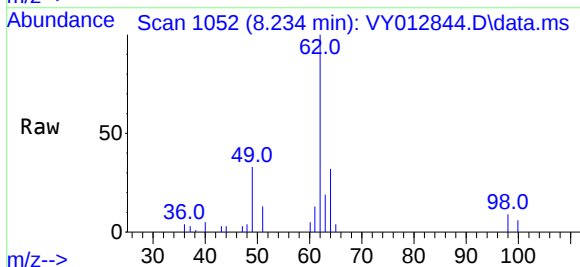
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

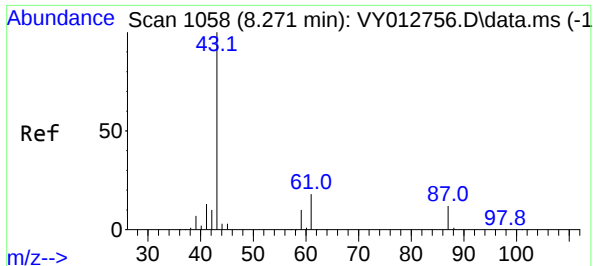
Tgt Ion:	41	Resp:	7169
Ion	Ratio	Lower	Upper
41	100		
39	52.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.823 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	62	Resp:	7977
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8





#43

Isopropyl Acetate

Concen: 5.242 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY012844.D

Acq: 07 Mar 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2023

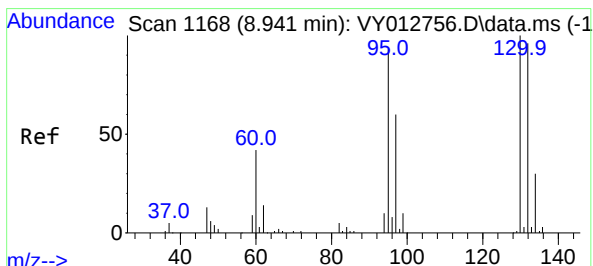
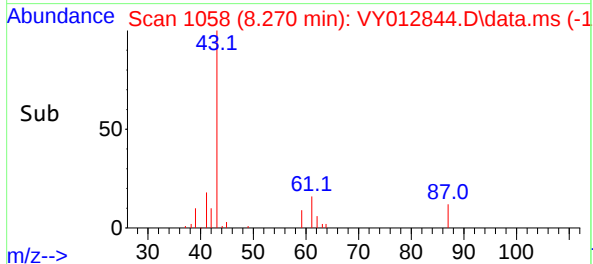
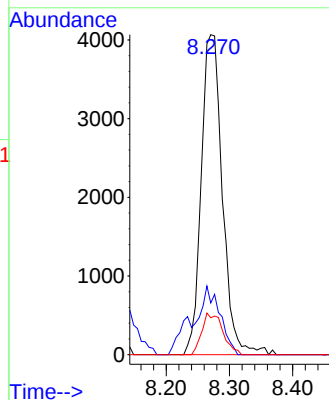
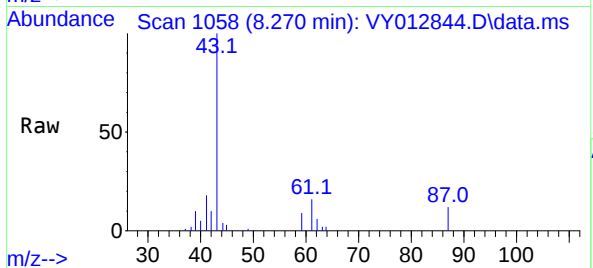
Tgt Ion: 43 Resp: 9496

Ion Ratio Lower Upper

43 100

61 20.5 21.6 32.4#

87 12.8 9.9 14.9



#44

Trichloroethene

Concen: 5.578 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012844.D

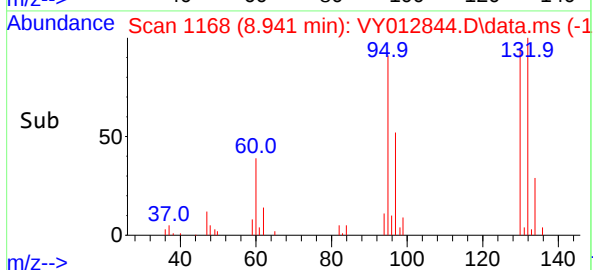
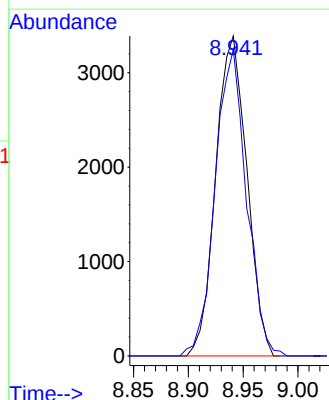
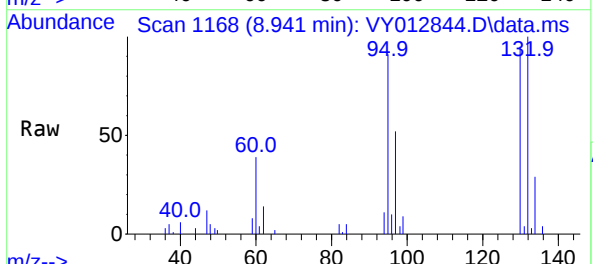
Acq: 07 Mar 2023 14:57

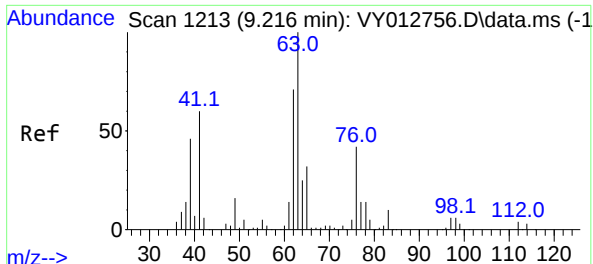
Tgt Ion:130 Resp: 6701

Ion Ratio Lower Upper

130 100

95 95.8 0.0 185.0

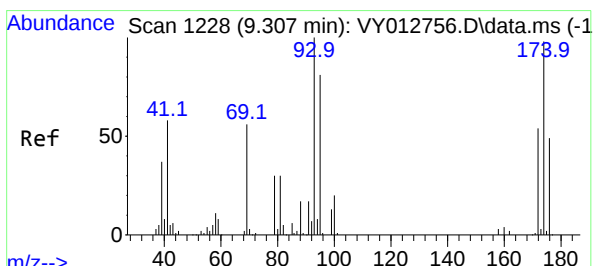
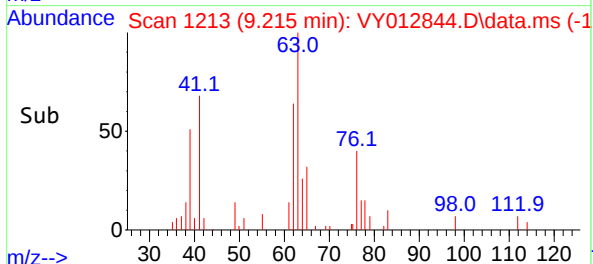
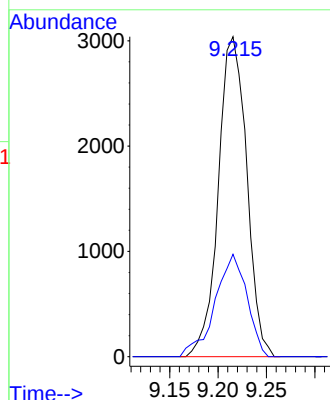
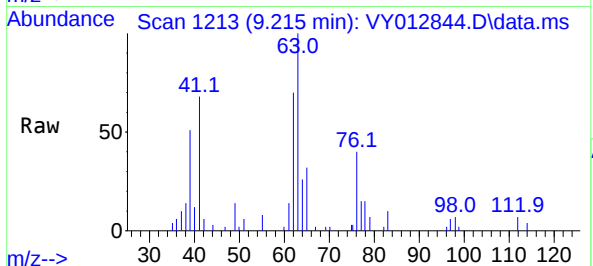




#45
1,2-Dichloropropane
Concen: 5.367 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

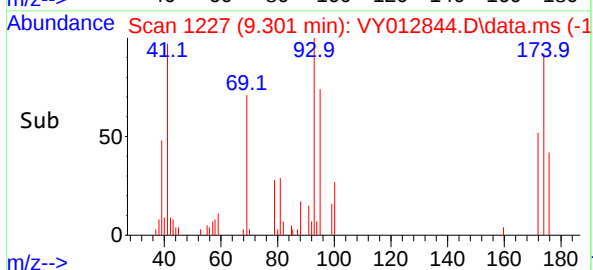
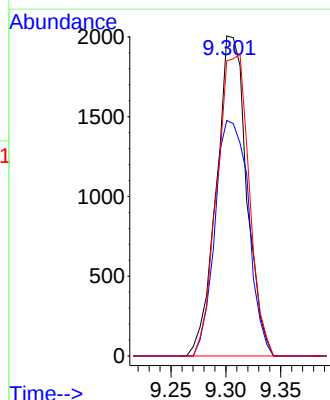
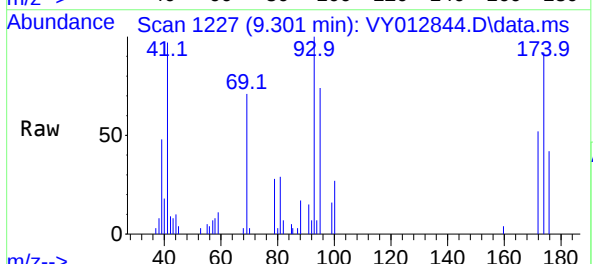
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

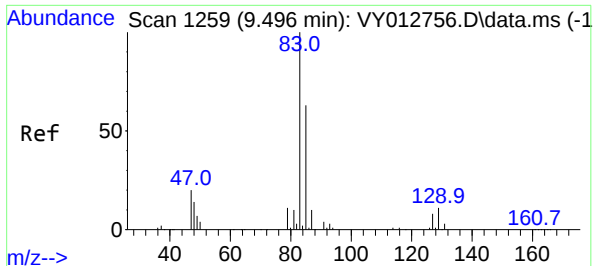
Tgt Ion: 63 Resp: 6181
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5



#46
Dibromomethane
Concen: 5.885 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 93 Resp: 3861
Ion Ratio Lower Upper
93 100
95 81.0 65.6 98.4
174 99.4 81.3 121.9

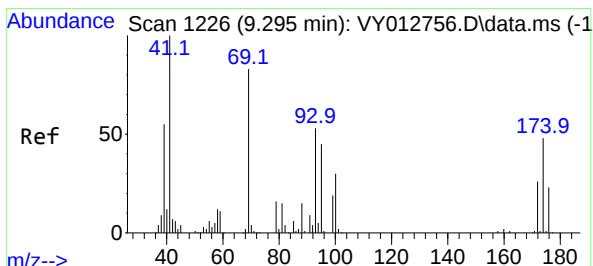
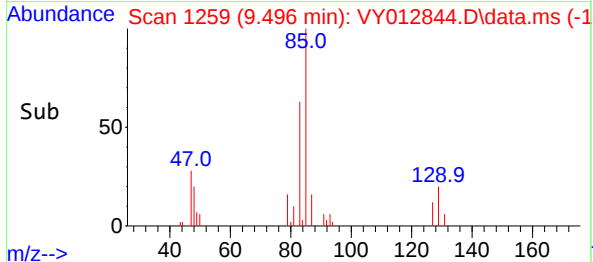
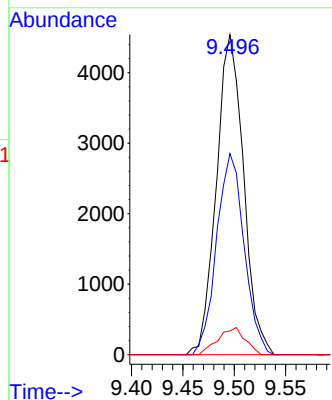
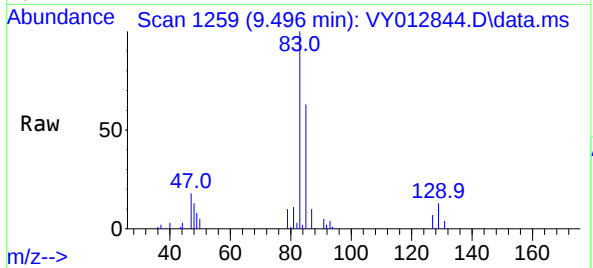




#47
Bromodichloromethane
Concen: 5.394 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

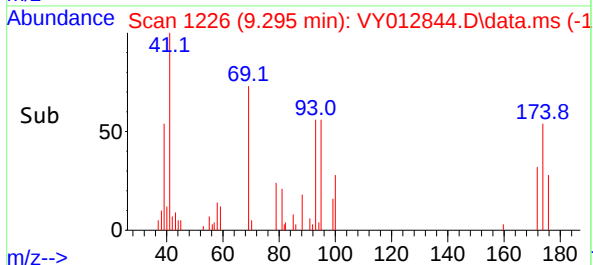
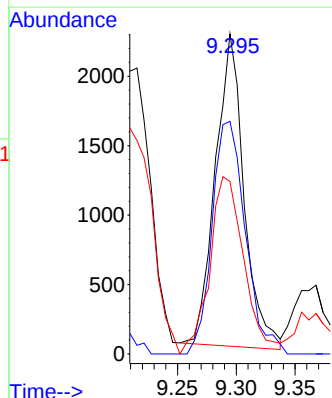
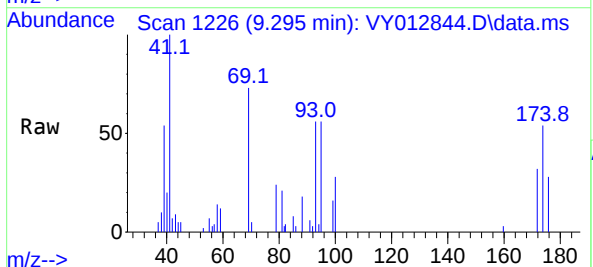
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

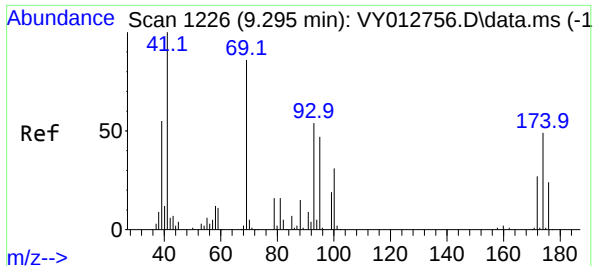
Tgt Ion:	83	Resp:	8339
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.2	75.4
127	7.4	6.3	9.5



#48
Methyl methacrylate
Concen: 4.555 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	41	Resp:	3802
Ion	Ratio	Lower	Upper
41	100		
69	86.9	64.1	96.1
39	68.0	44.0	66.0

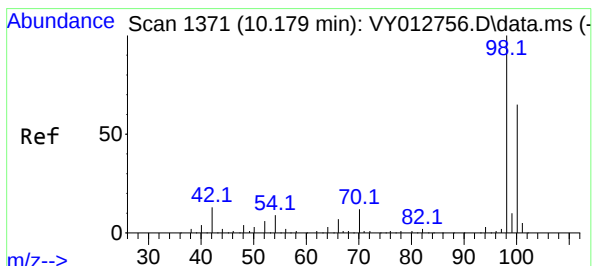
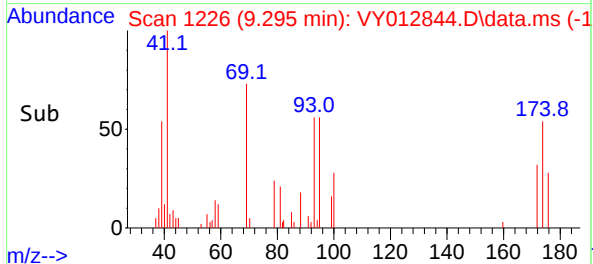
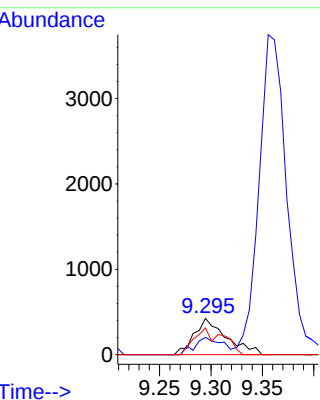
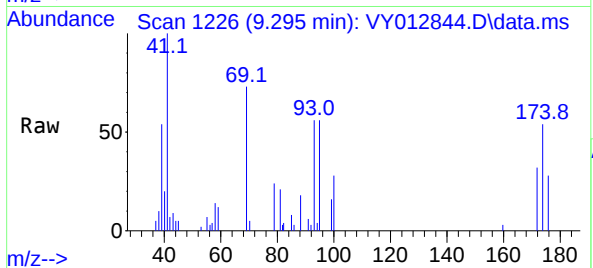




#49
1,4-Dioxane
Concen: 108.356 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

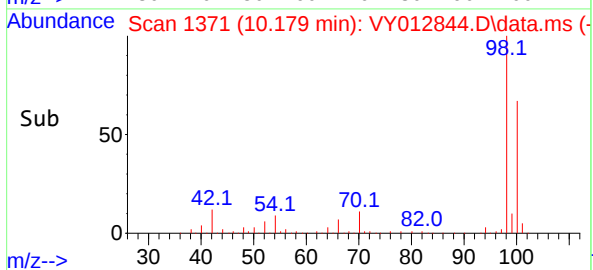
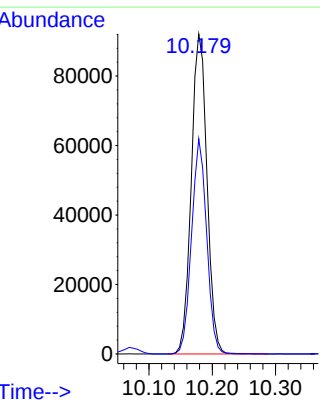
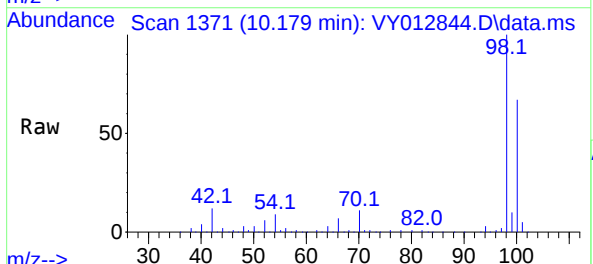
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

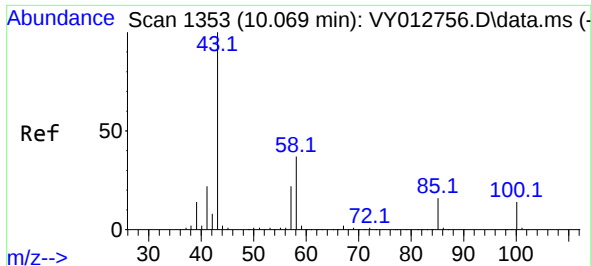
Tgt Ion: 88 Resp: 919
Ion Ratio Lower Upper
88 100
43 41.0 28.6 42.8
58 66.9 55.2 82.8



#50
Toluene-d8
Concen: 45.311 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 98 Resp: 159231
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

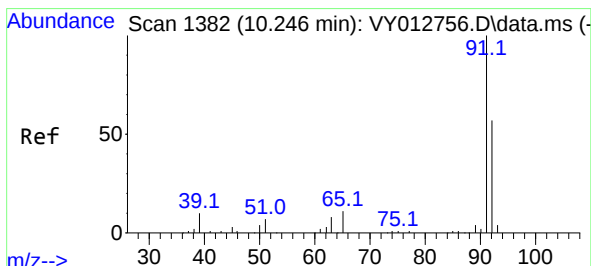
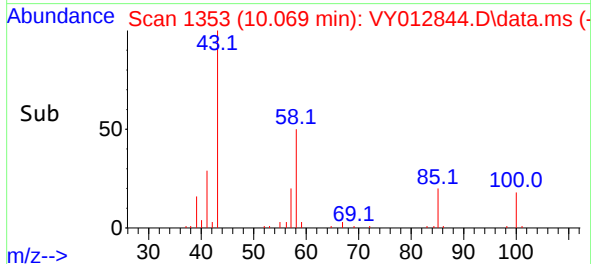
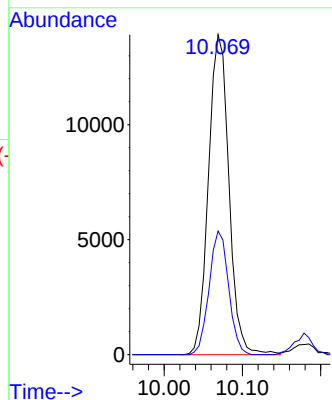
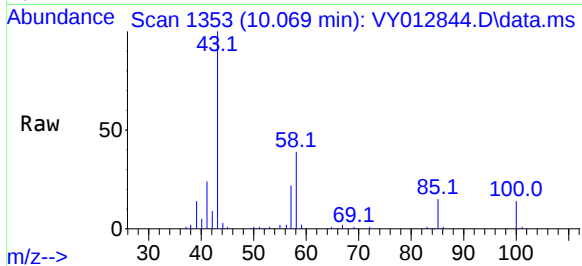




#51
4-Methyl-2-Pentanone
Concen: 25.670 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

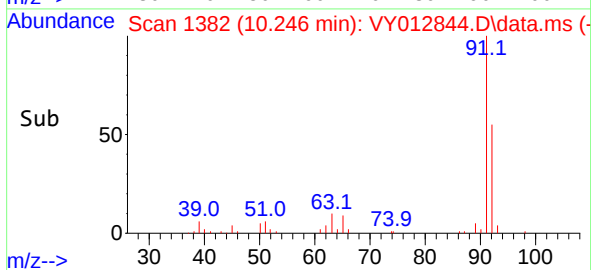
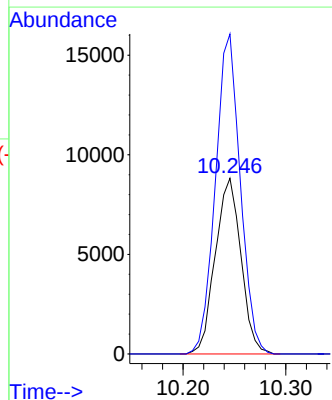
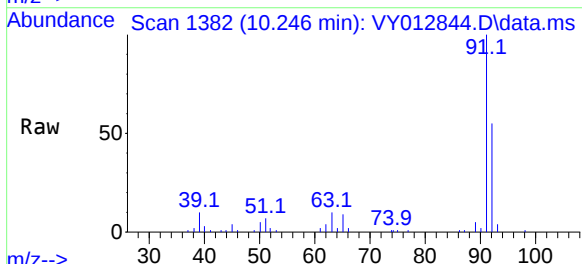
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

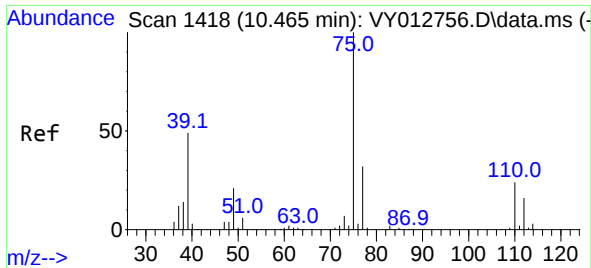
Tgt Ion: 43 Resp: 25223
Ion Ratio Lower Upper
43 100
58 36.8 29.8 44.6



#52
Toluene
Concen: 5.570 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 92 Resp: 15307
Ion Ratio Lower Upper
92 100
91 176.4 141.3 211.9

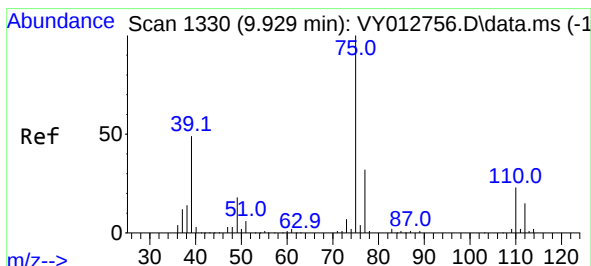
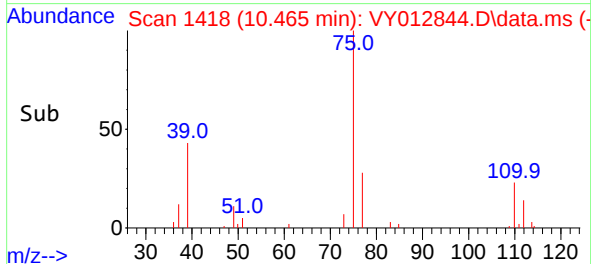
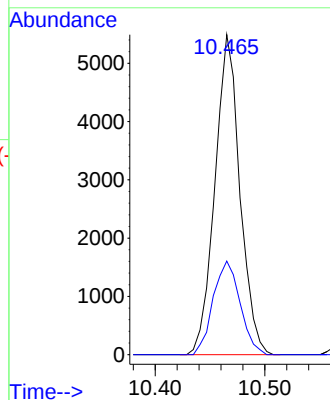
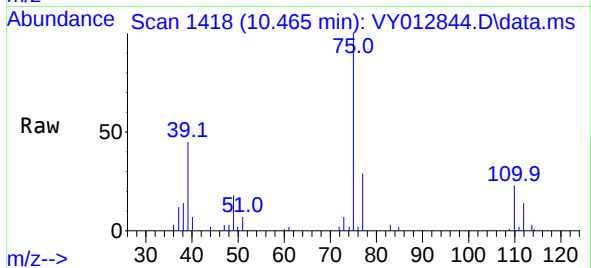




#53
t-1,3-Dichloropropene
Concen: 5.361 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

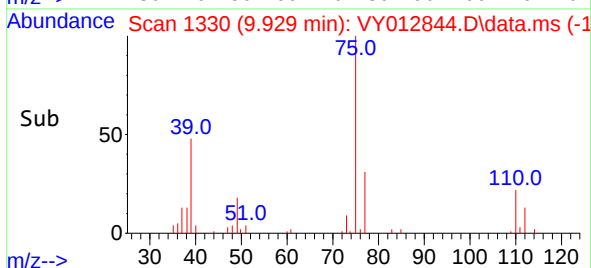
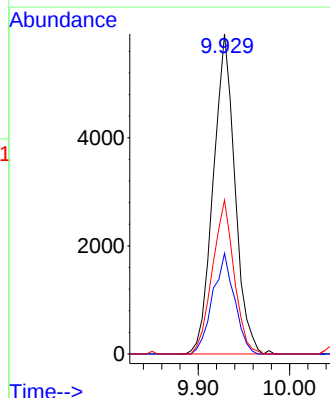
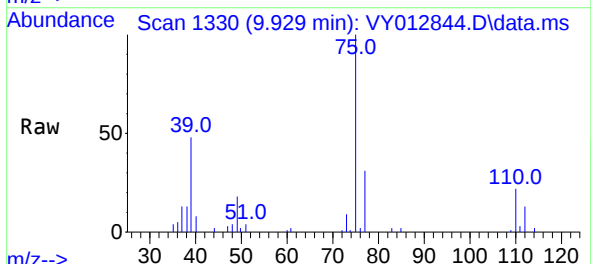
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2023

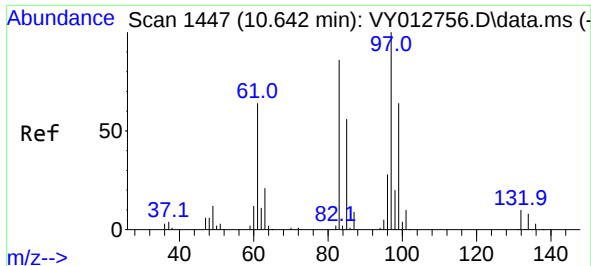
Tgt Ion: 75 Resp: 8694
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.311 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 75 Resp: 9749
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 48.1 39.0 58.4

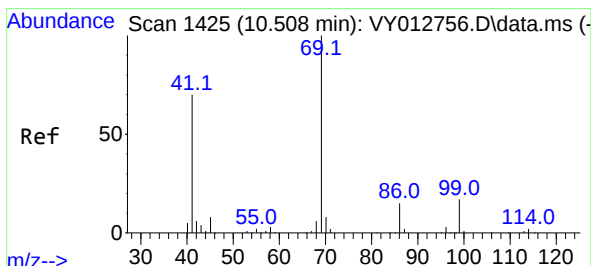
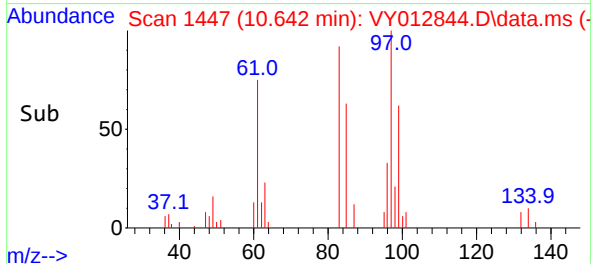
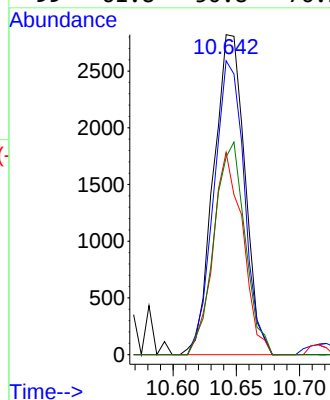
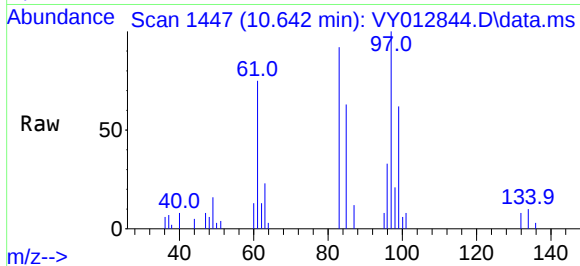




#55
1,1,2-Trichloroethane
Concen: 5.318 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

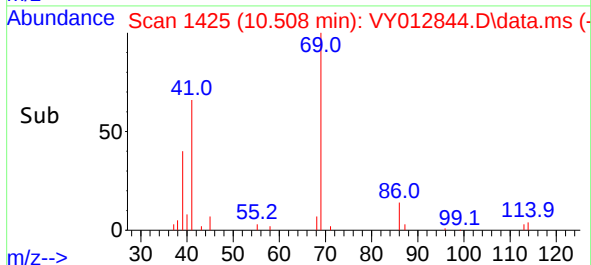
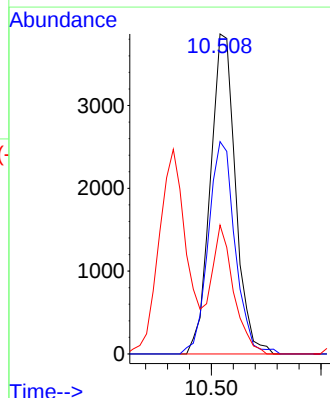
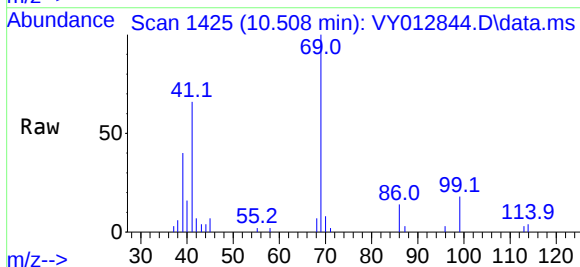
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2023

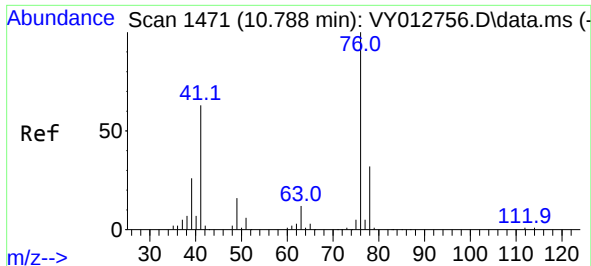
Tgt Ion: 97	Resp: 4859
Ion Ratio	Lower Upper
97 100	
83 91.8	69.0 103.6
85 63.2	44.9 67.3
99 61.8	50.8 76.2



#56
Ethyl methacrylate
Concen: 5.061 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 69	Resp: 6166
Ion Ratio	Lower Upper
69 100	
41 70.6	56.4 84.6
39 36.3	30.8 46.2

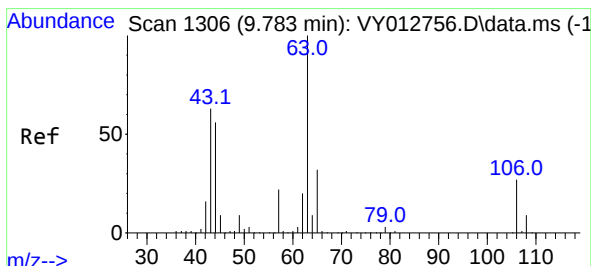
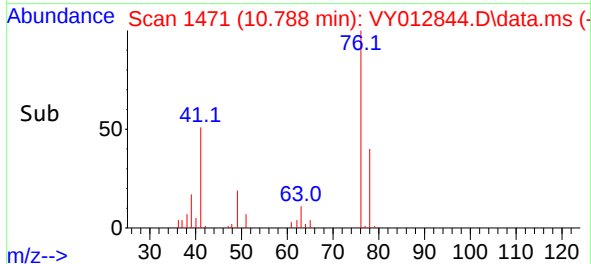
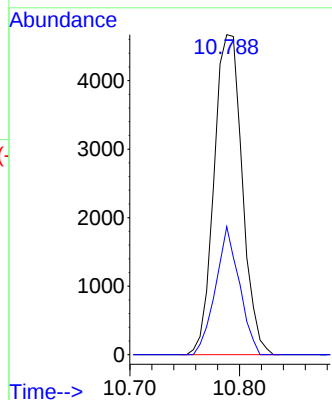
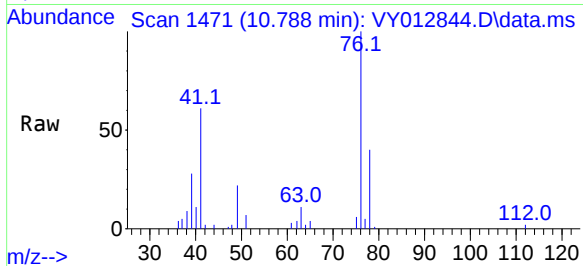




#57
1,3-Dichloropropane
Concen: 5.362 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

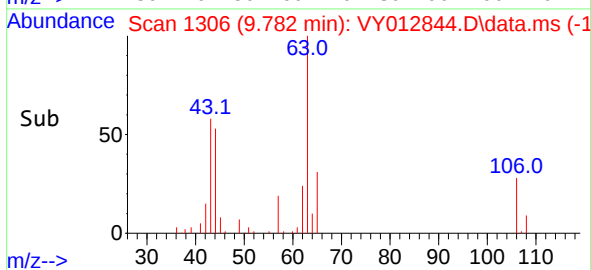
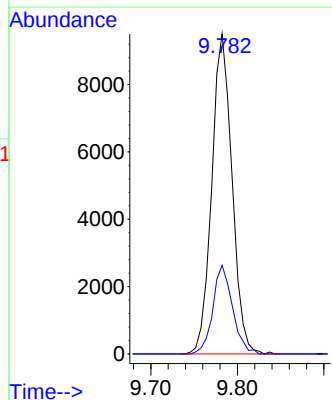
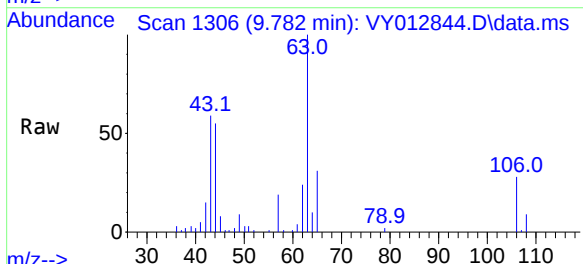
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2023

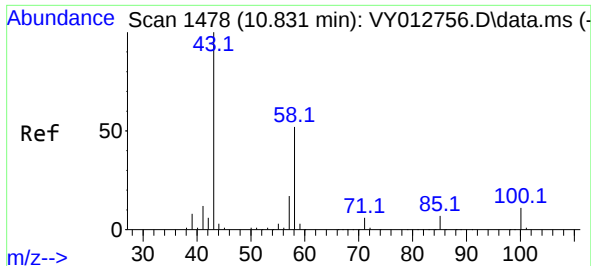
Tgt Ion: 76 Resp: 8345
Ion Ratio Lower Upper
76 100
78 33.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 24.120 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 63 Resp: 15426
Ion Ratio Lower Upper
63 100
106 26.9 22.1 33.1

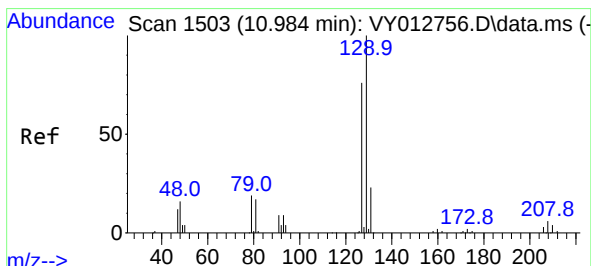
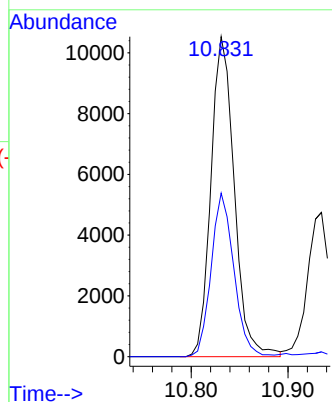
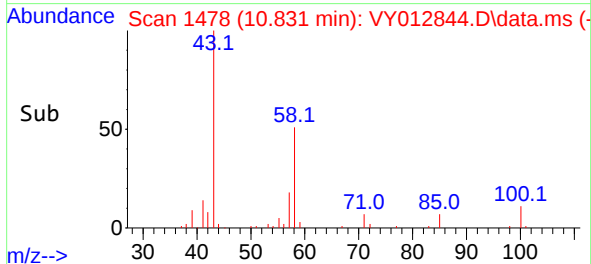
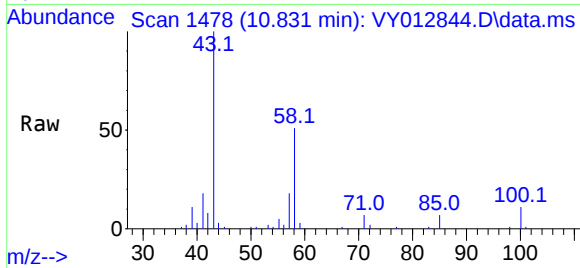




#59
2-Hexanone
Concen: 24.762 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

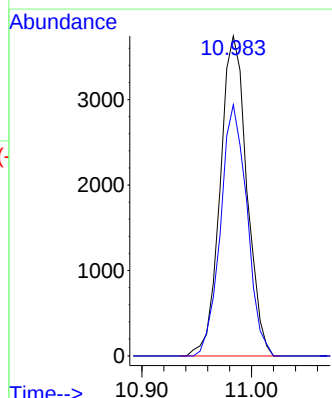
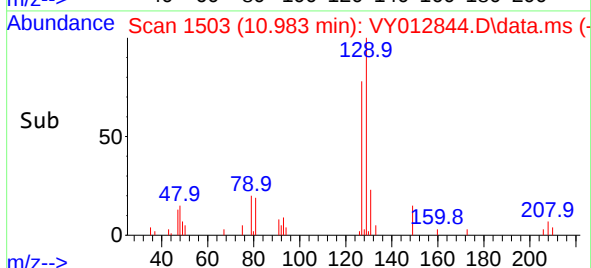
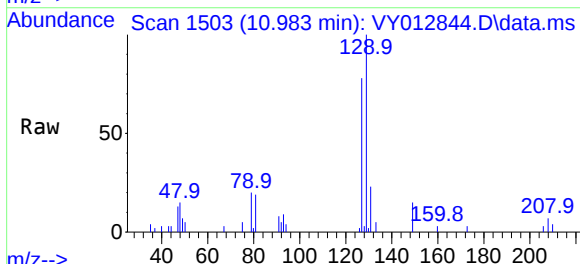
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

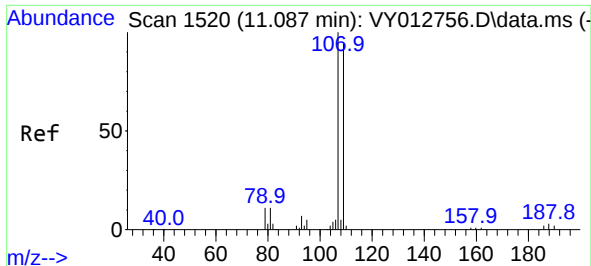
Tgt Ion: 43 Resp: 17683
Ion Ratio Lower Upper
43 100
58 49.7 25.9 77.8



#60
Dibromochloromethane
Concen: 5.690 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 129 Resp: 6328
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

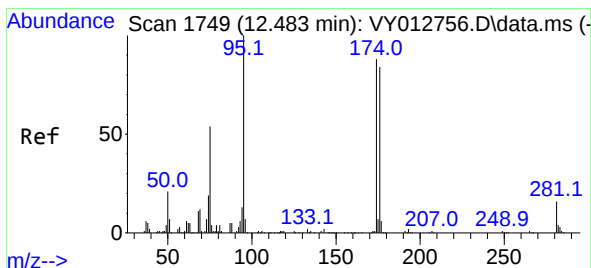
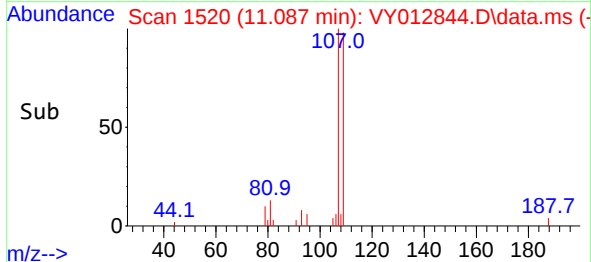
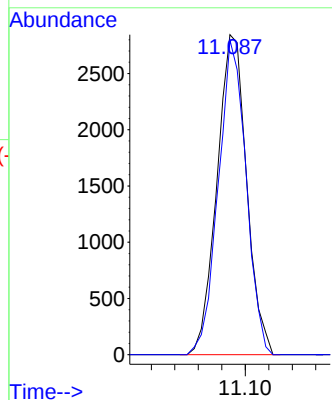
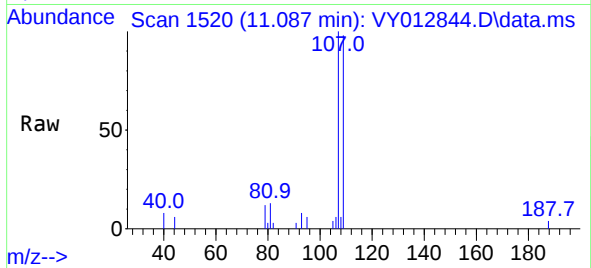




#61
1,2-Dibromoethane
Concen: 5.670 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

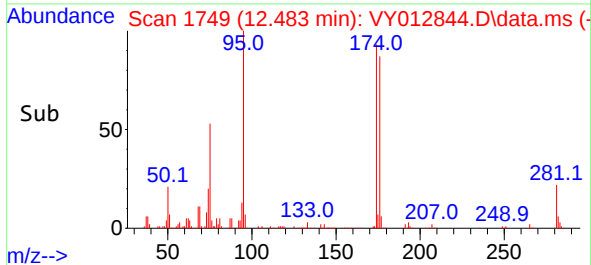
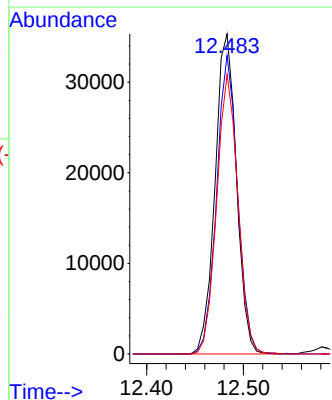
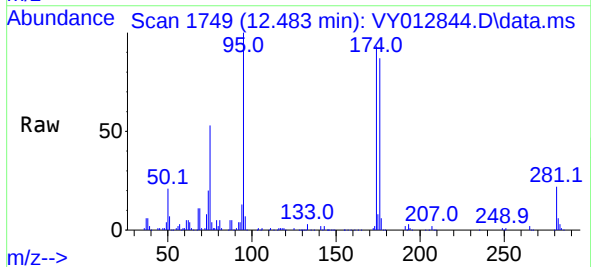
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

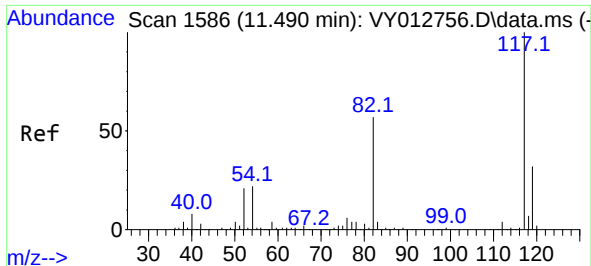
Tgt Ion:107 Resp: 4990
Ion Ratio Lower Upper
107 100
109 91.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 45.649 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 95 Resp: 54145
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.6
176 86.6 0.0 170.2

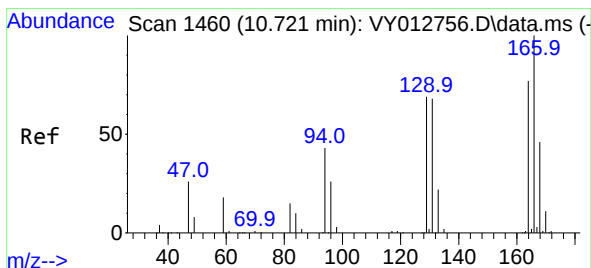
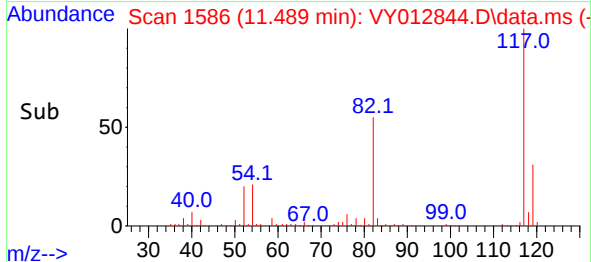
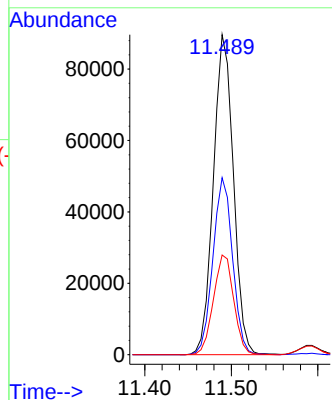
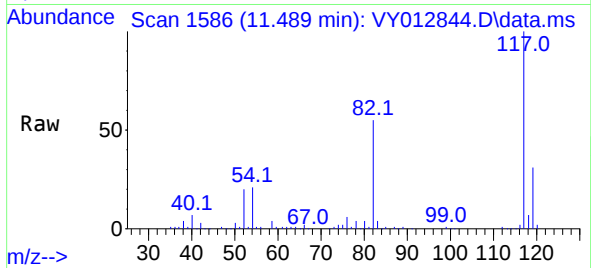




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

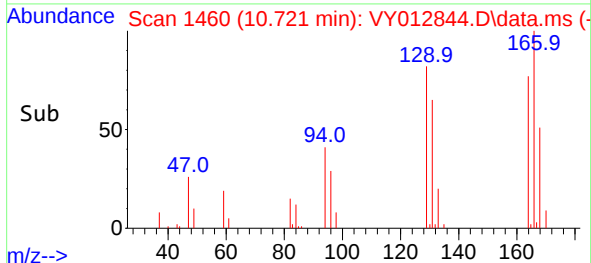
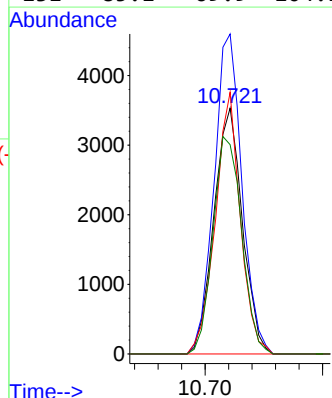
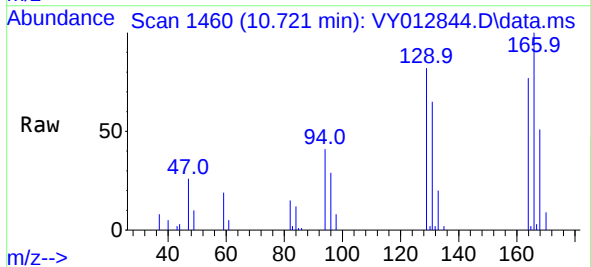
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

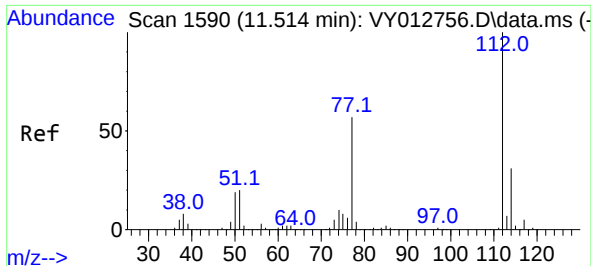
Tgt Ion:	117	Resp:	143975
Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.4	68.0
119	31.1	25.6	38.4



#64
Tetrachloroethene
Concen: 5.689 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	164	Resp:	5963
Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.4	155.2
129	106.5	71.4	107.2
131	85.1	69.9	104.9

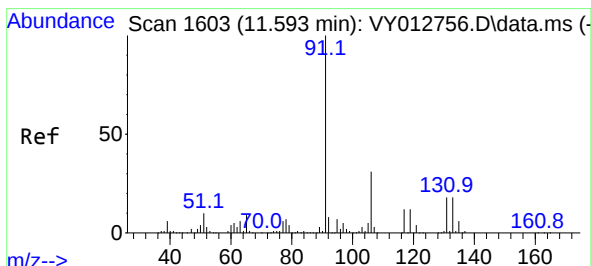
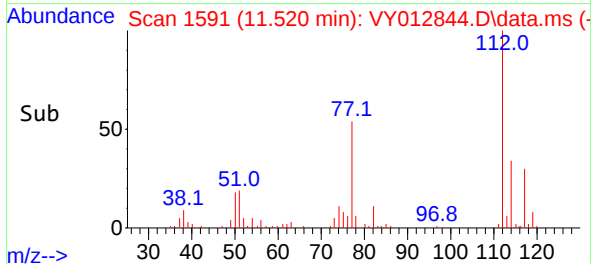
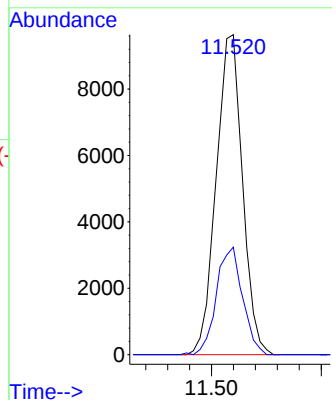
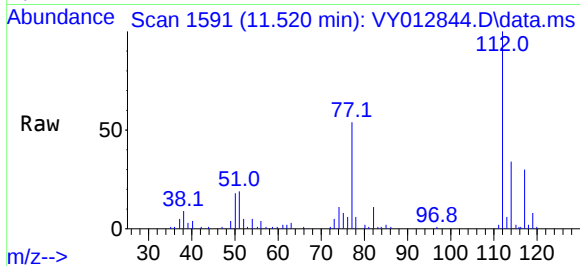




#65
Chlorobenzene
Concen: 5.319 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

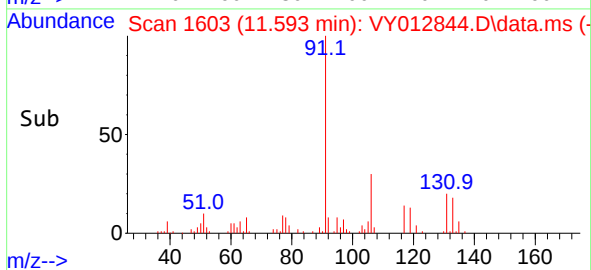
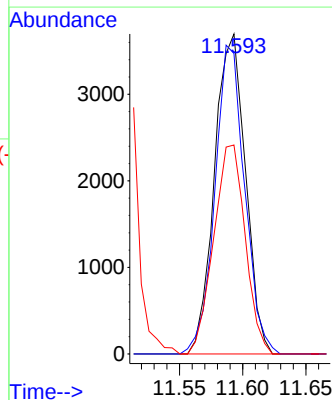
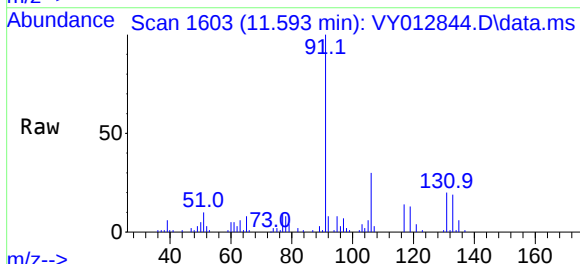
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

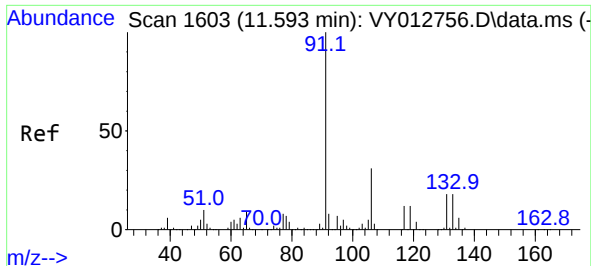
Tgt Ion:112 Resp: 16073
Ion Ratio Lower Upper
112 100
114 33.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.617 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:131 Resp: 6281
Ion Ratio Lower Upper
131 100
133 93.0 48.0 144.0
119 66.6 32.6 98.0





#67

Ethyl Benzene

Concen: 5.173 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012844.D

Acq: 07 Mar 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

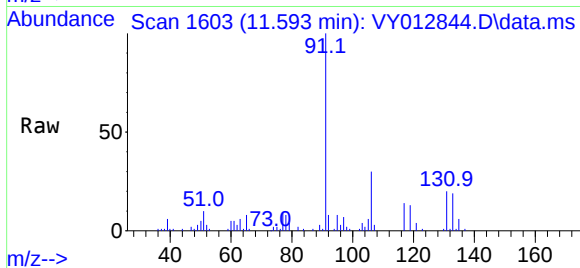
LOQ-SOIL-02-QT1-2023

Tgt Ion: 91 Resp: 27480

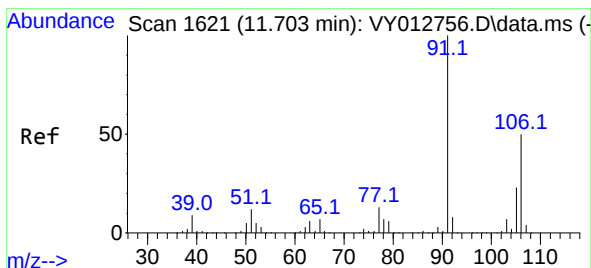
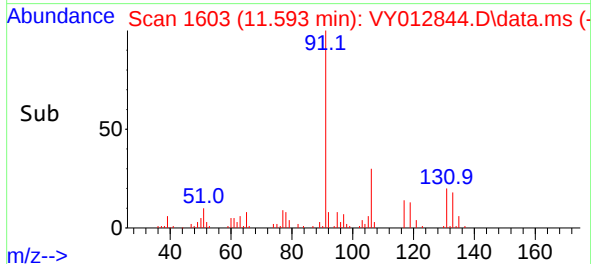
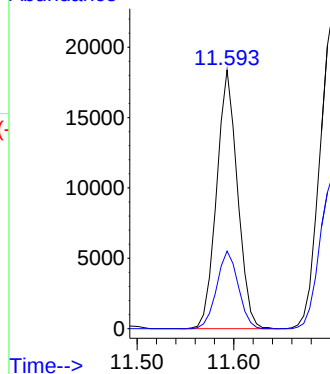
Ion Ratio Lower Upper

91 100

106 30.0 25.1 37.7



Abundance



#68

m/p-Xylenes

Concen: 10.005 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012844.D

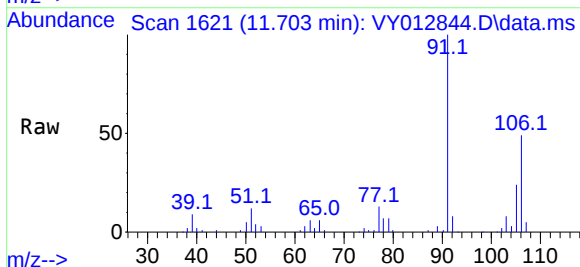
Acq: 07 Mar 2023 14:57

Tgt Ion:106 Resp: 20447

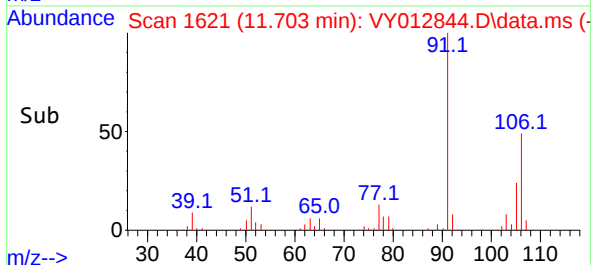
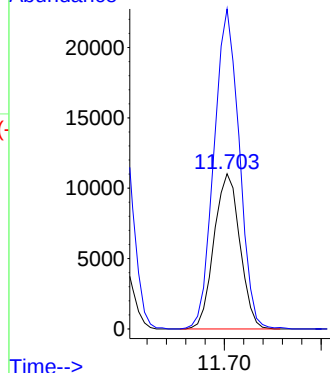
Ion Ratio Lower Upper

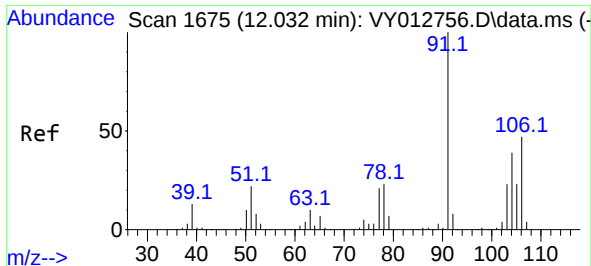
106 100

91 201.6 159.8 239.8



Abundance

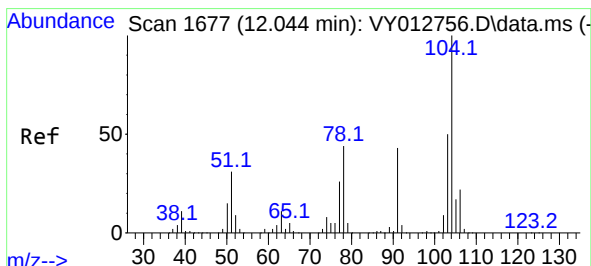
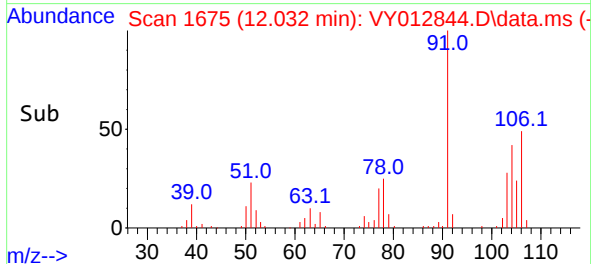
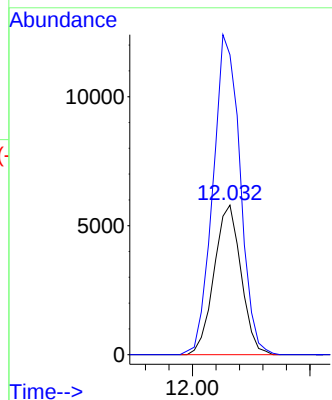
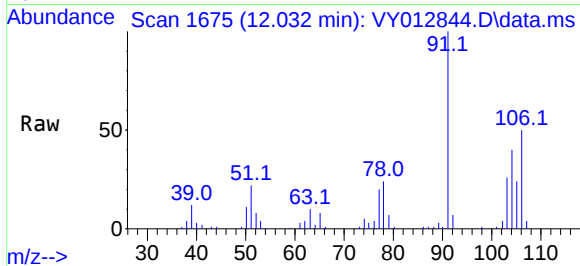




#69
o-Xylene
Concen: 4.844 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

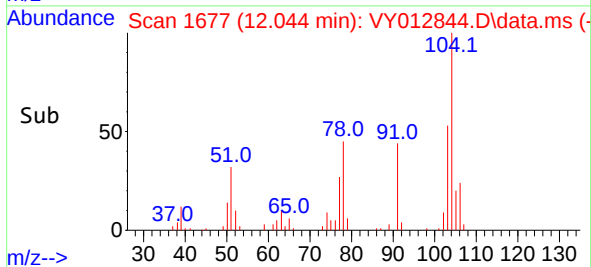
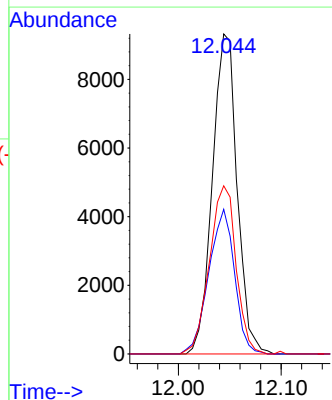
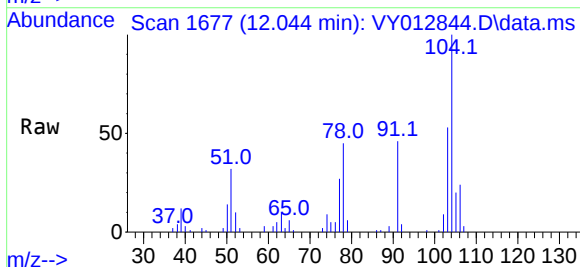
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2023

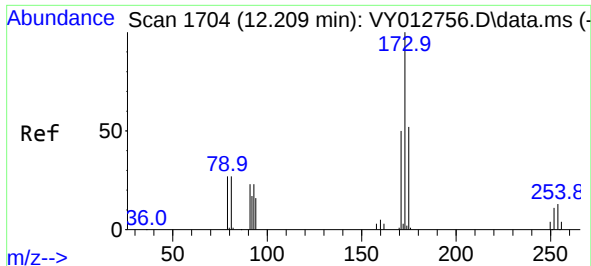
Tgt Ion:106 Resp: 9240
Ion Ratio Lower Upper
106 100
91 215.1 107.2 321.6



#70
Styrene
Concen: 4.895 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:104 Resp: 15581
Ion Ratio Lower Upper
104 100
78 47.2 39.2 58.8
103 56.6 43.7 65.5

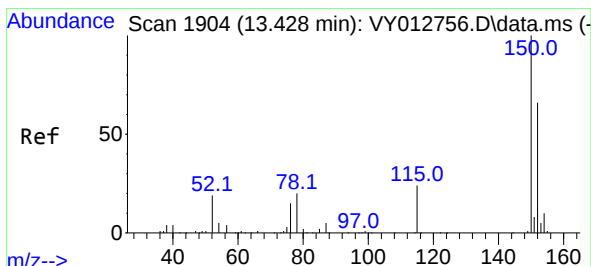
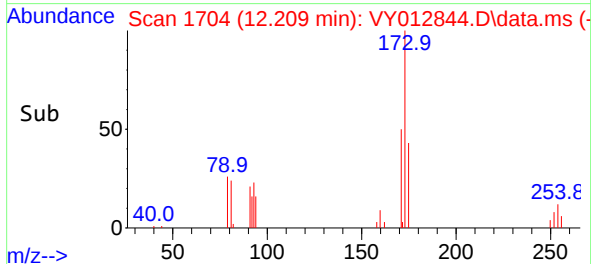
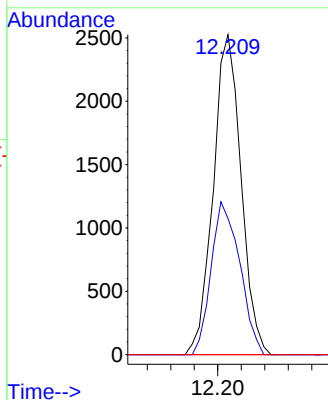
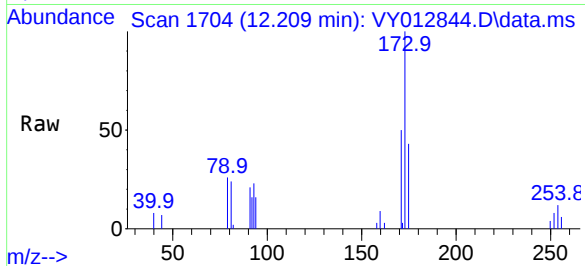




#71
Bromoform
Concen: 5.694 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

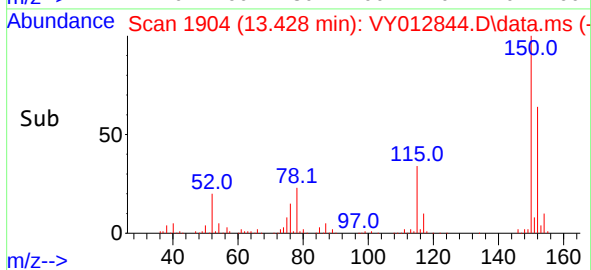
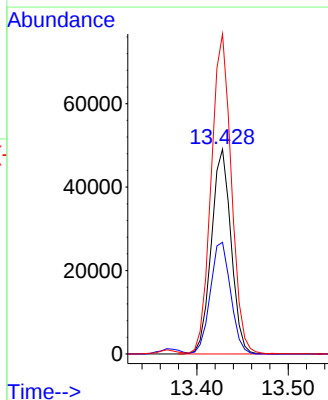
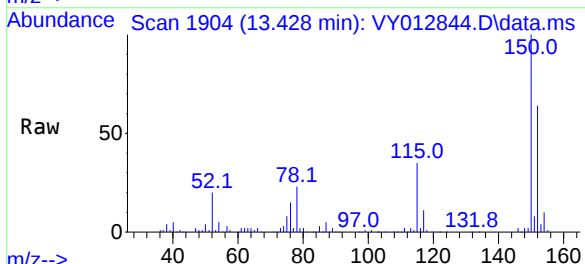
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

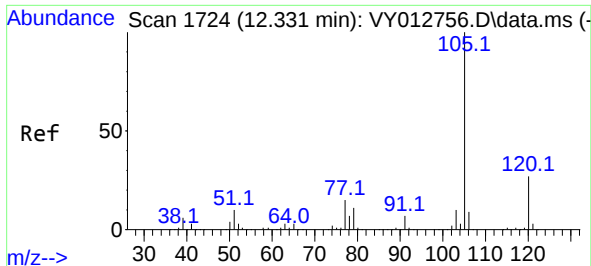
Tgt Ion:	173	Resp:	4151
Ion Ratio	Lower	Upper	
173	100		
175	49.2	25.0	75.0
254	0.0	0.2	0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	152	Resp:	73377
Ion Ratio	Lower	Upper	
152	100		
115	56.5	27.1	81.3
150	160.2	0.0	347.8

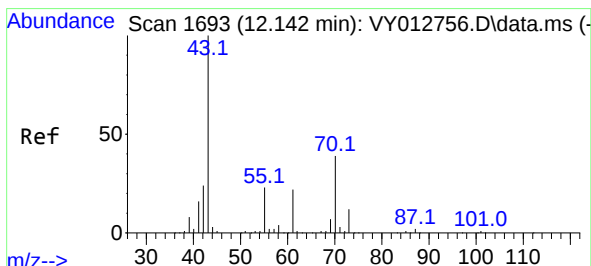
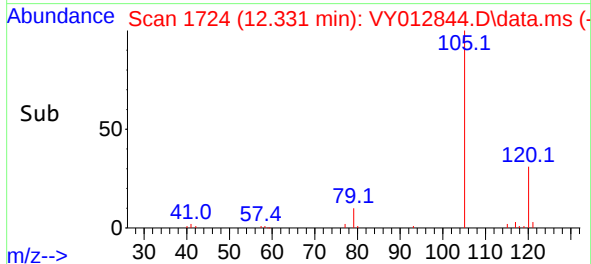
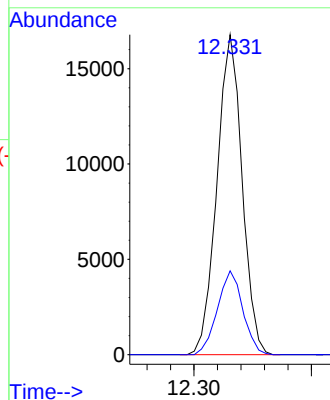
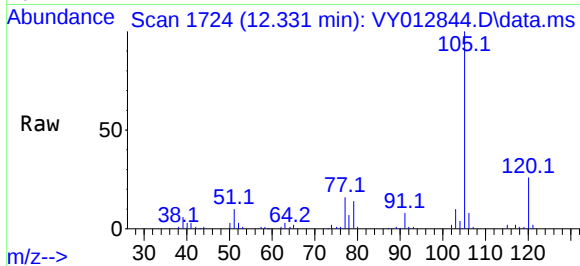




#73
Isopropylbenzene
Concen: 4.801 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

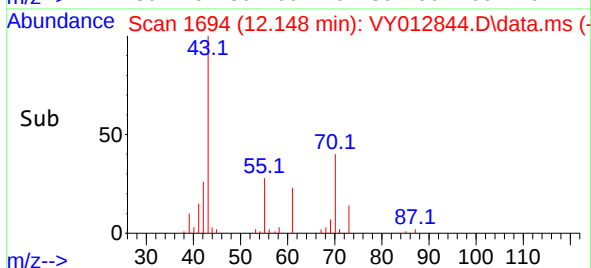
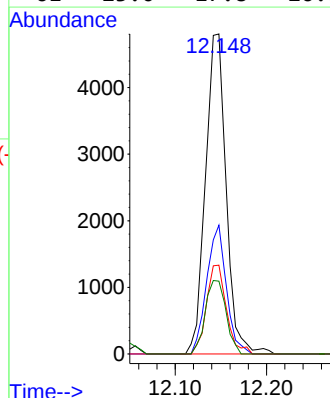
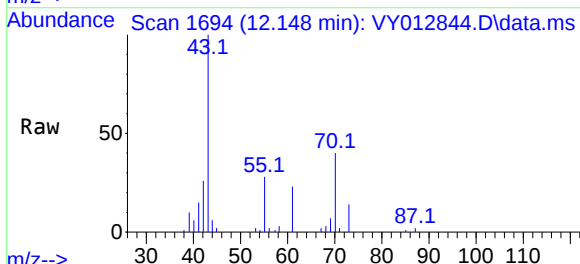
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

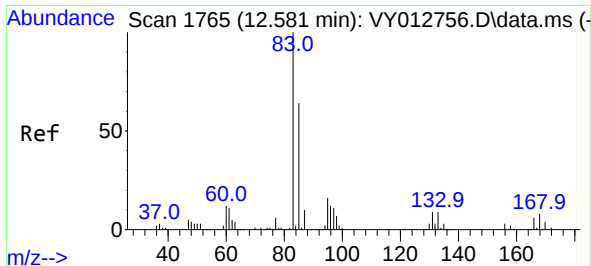
Tgt Ion:105 Resp: 24966
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2



#74
N-ethyl acetate
Concen: 4.614 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 43 Resp: 7549
Ion Ratio Lower Upper
43 100
70 38.2 31.6 47.4
55 26.8 18.8 28.2
61 23.0 17.8 26.8

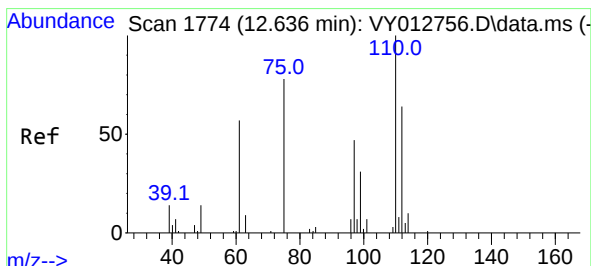
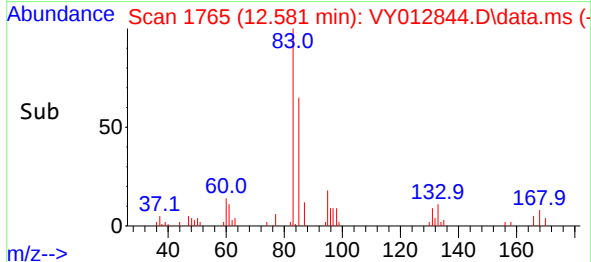
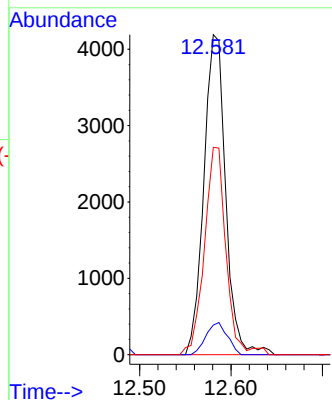
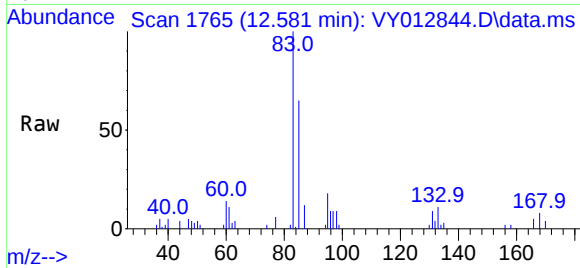




#75
1,1,2,2-Tetrachloroethane
Concen: 5.948 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

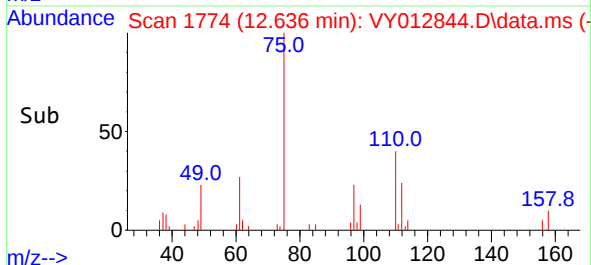
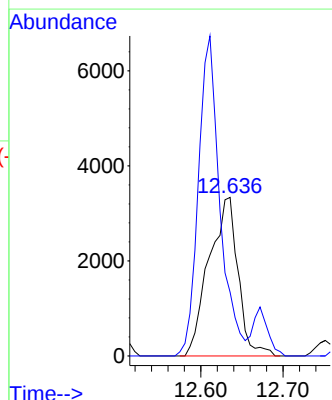
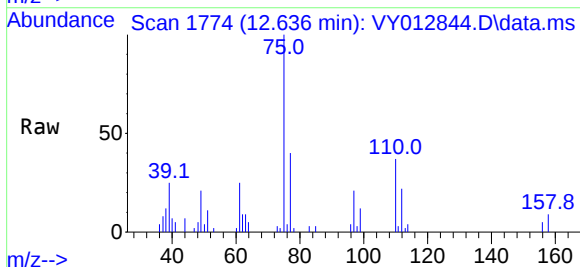
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

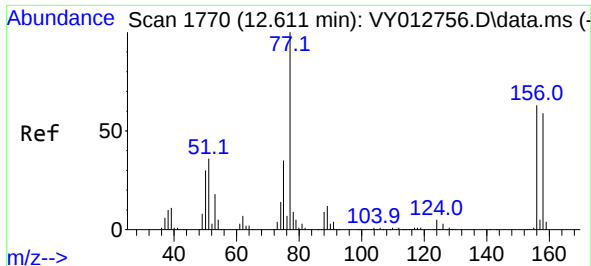
Tgt Ion: 83 Resp: 6953
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 64.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 9.342 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 75 Resp: 8186
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

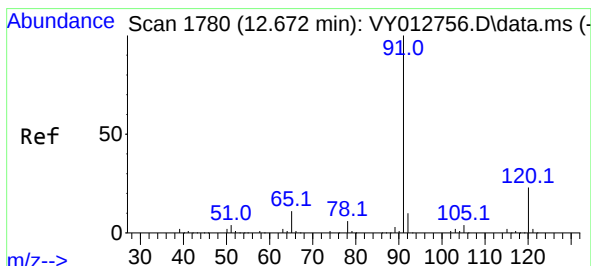
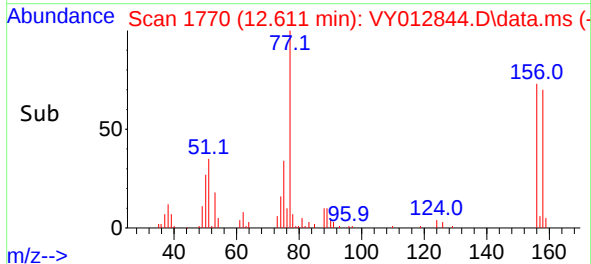
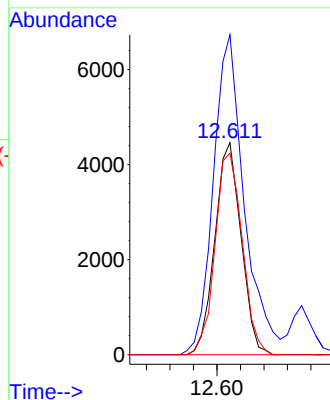
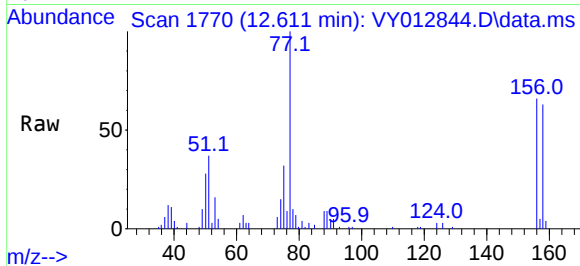




#77
Bromobenzene
Concen: 5.474 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

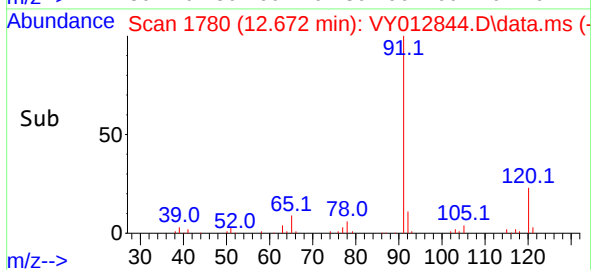
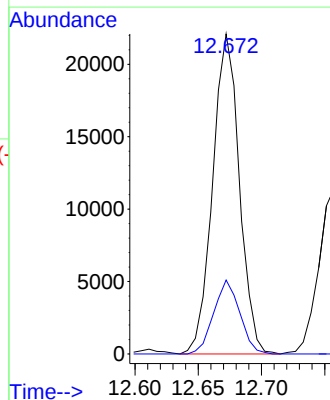
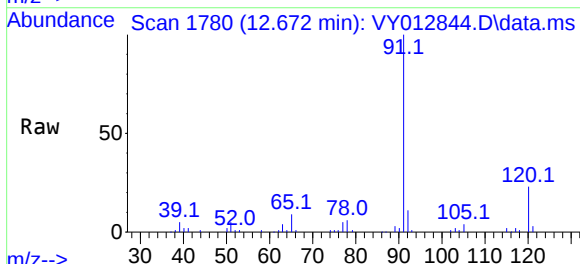
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

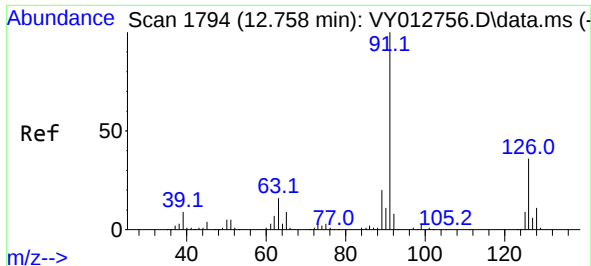
Tgt Ion:156 Resp: 6916
Ion Ratio Lower Upper
156 100
77 177.4 94.0 282.1
158 98.8 48.1 144.4



#78
n-propylbenzene
Concen: 5.046 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 91 Resp: 32351
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8

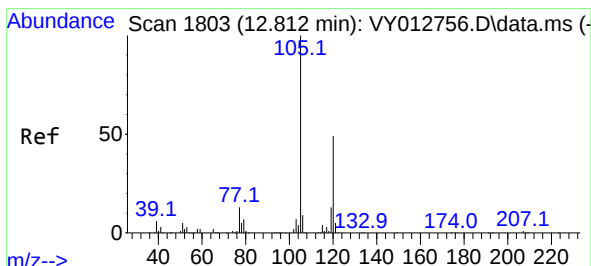
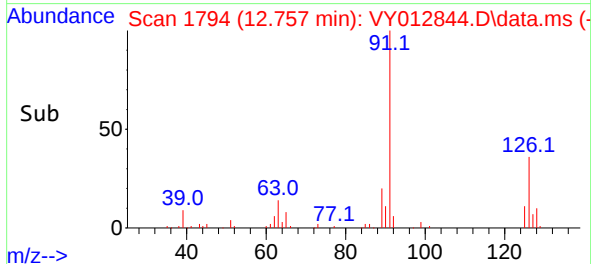
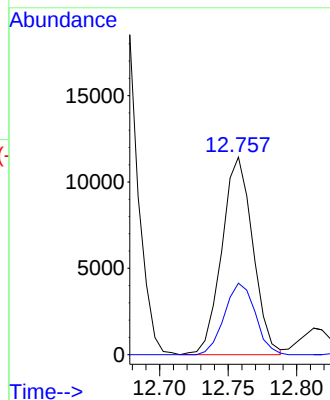
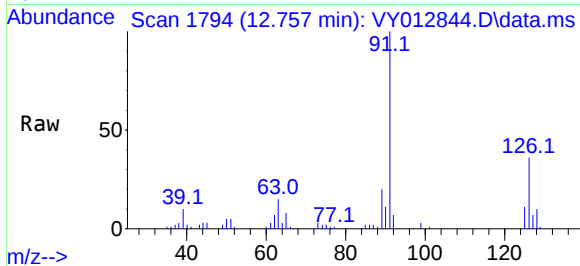




#79
2-Chlorotoluene
Concen: 5.062 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

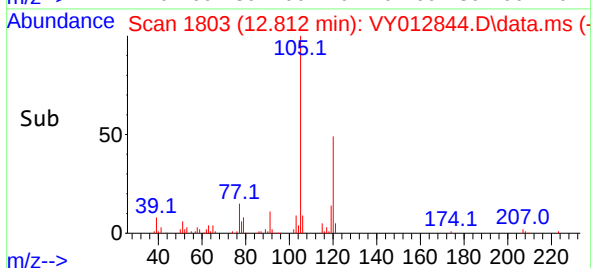
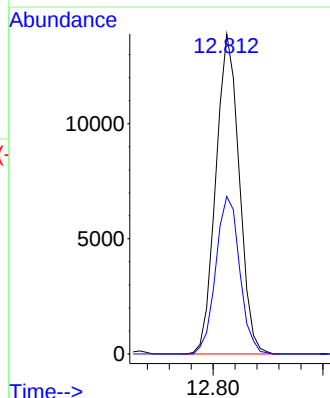
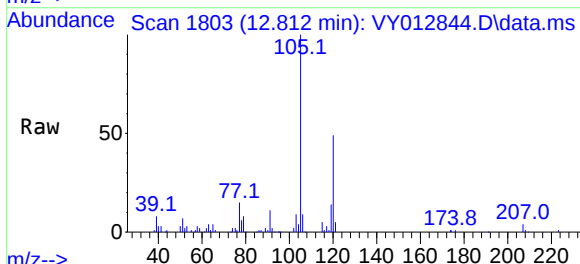
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

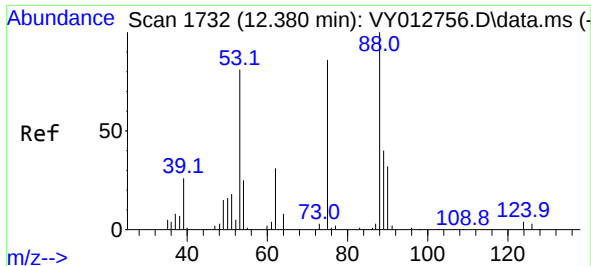
Tgt Ion: 91 Resp: 18038
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 4.797 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion: 105 Resp: 20585
Ion Ratio Lower Upper
105 100
120 50.2 24.8 74.4

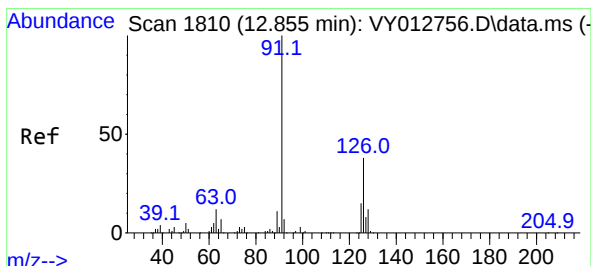
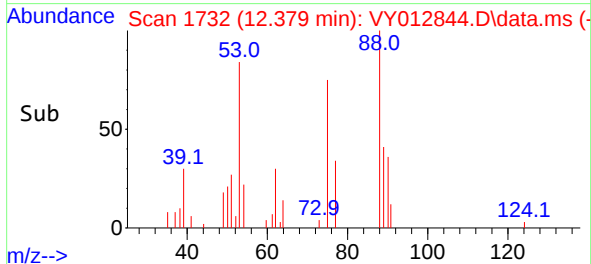
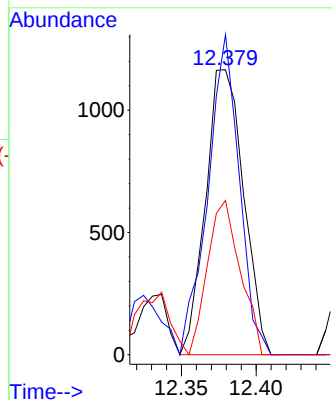
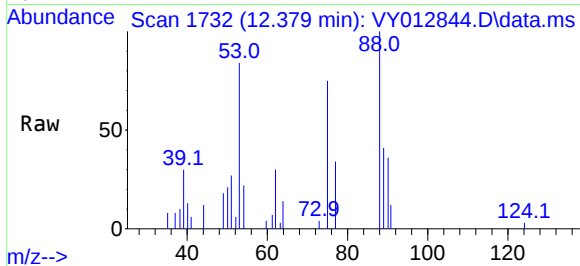




#81
trans-1,4-Dichloro-2-butene
Concen: 4.878 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

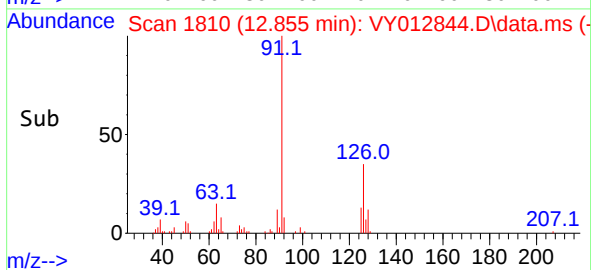
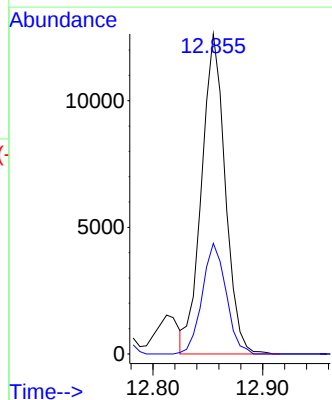
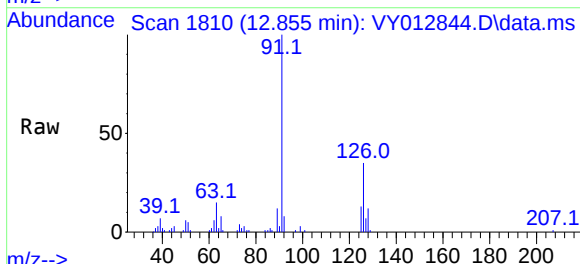
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

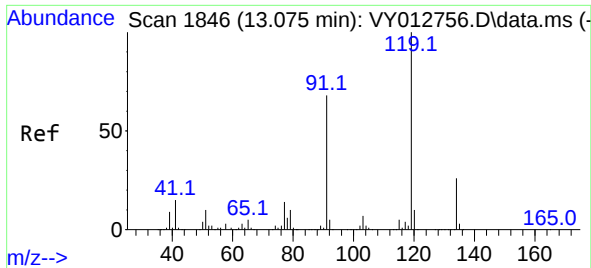
Tgt Ion:	75	Resp:	2063
Ion	Ratio	Lower	Upper
75	100		
53	92.7	73.4	110.0
89	46.6	36.6	55.0



#82
4-Chlorotoluene
Concen: 5.130 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	91	Resp:	18923
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.7	53.1



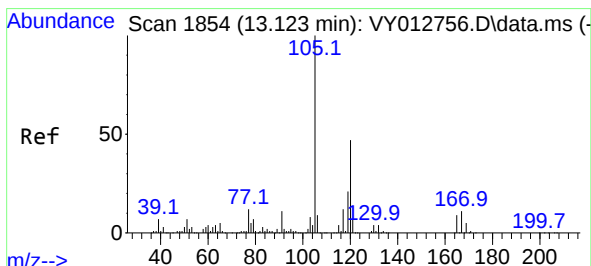
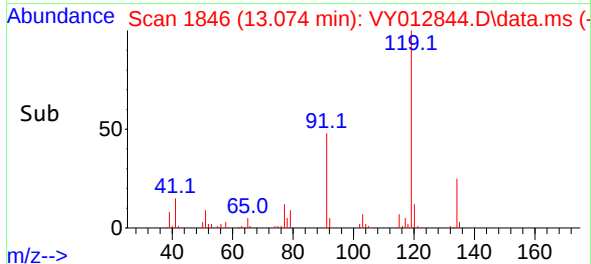
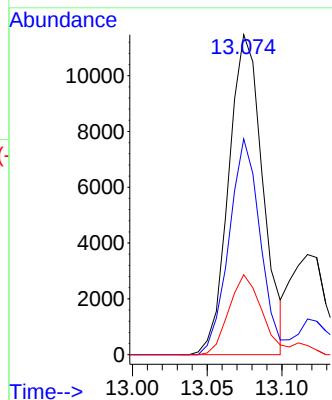
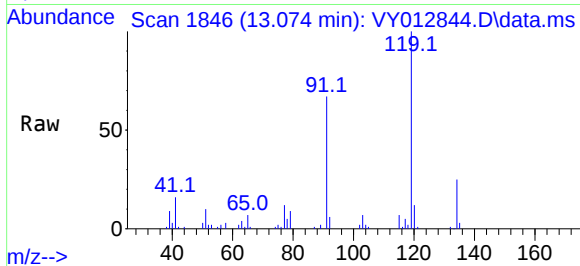


#83
tert-Butylbenzene
Concen: 4.906 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Tgt Ion:119 Resp: 18171

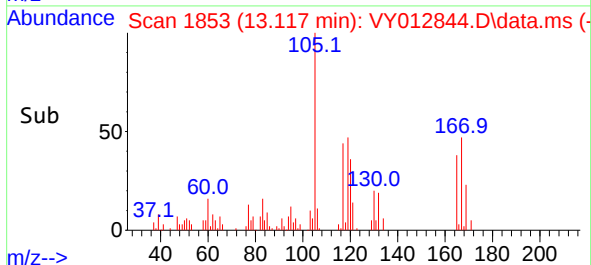
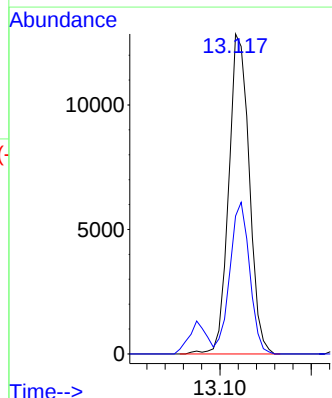
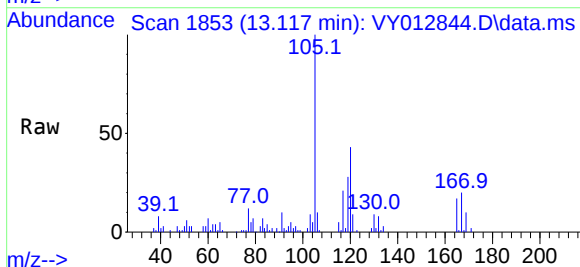
Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.8	98.3
134	24.4	13.6	40.8

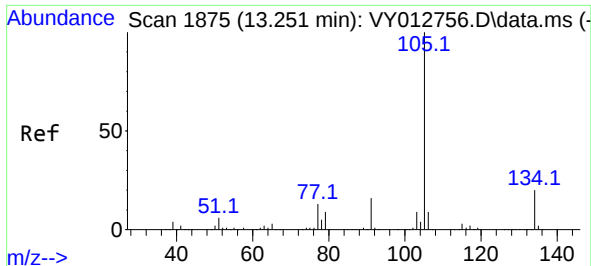


#84
1,2,4-Trimethylbenzene
Concen: 4.766 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:105 Resp: 20002

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0

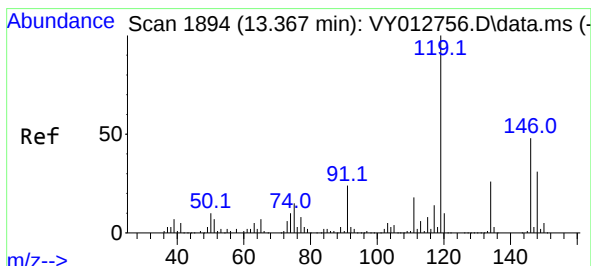
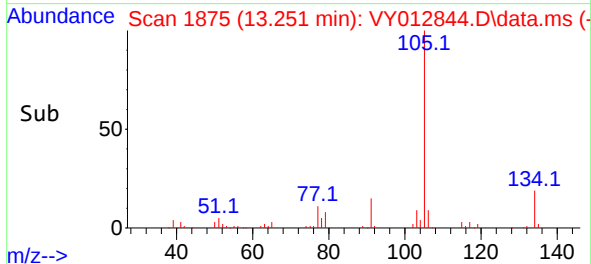
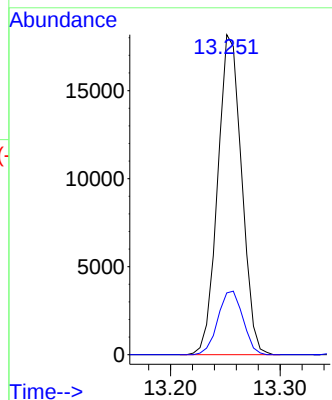
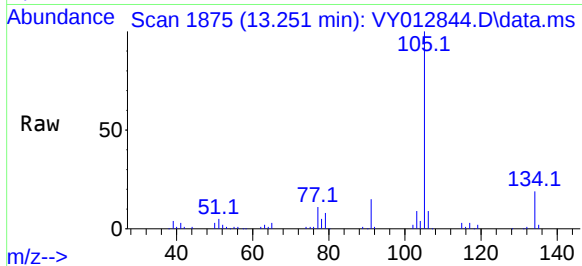




#85
sec-Butylbenzene
Concen: 4.884 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

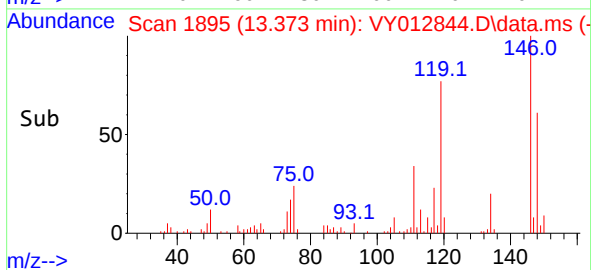
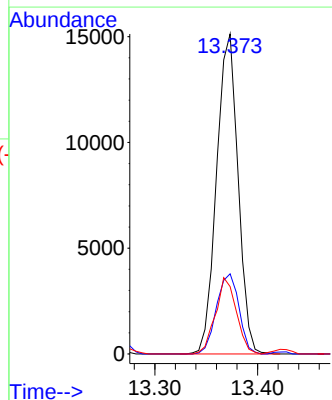
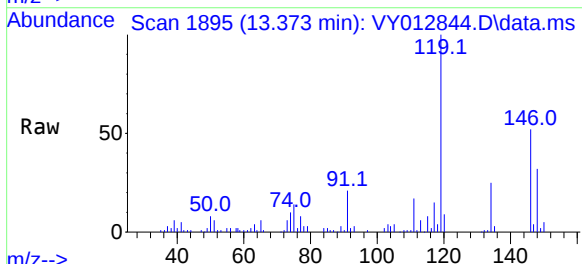
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2023

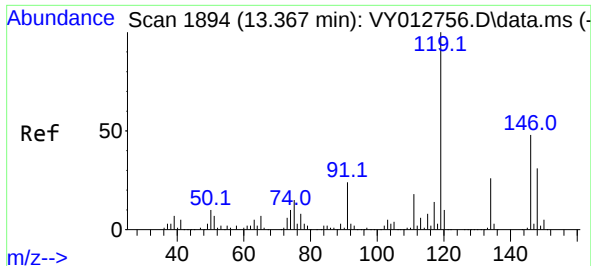
Tgt Ion:105 Resp: 27602
Ion Ratio Lower Upper
105 100
134 20.7 10.4 31.1



#86
p-Isopropyltoluene
Concen: 4.747 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:119 Resp: 21924
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.6
91 23.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 5.664 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012844.D

Acq: 07 Mar 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2023

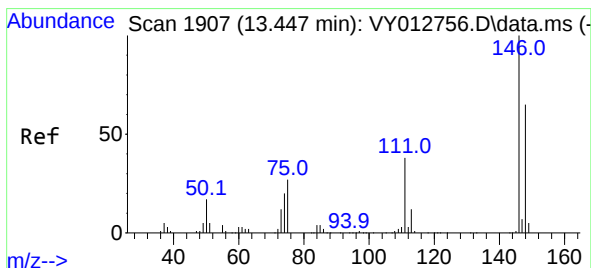
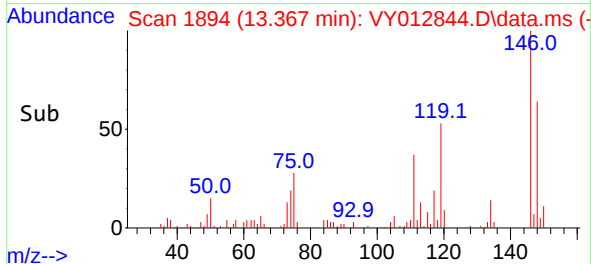
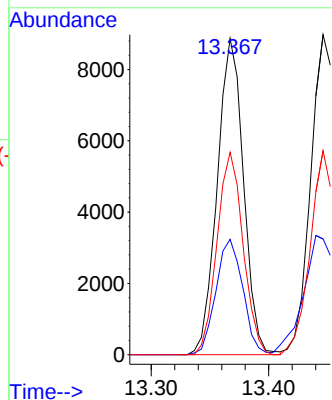
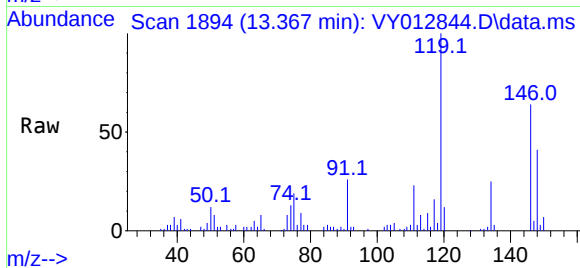
Tgt Ion:146 Resp: 13801

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.5

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.564 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012844.D

Acq: 07 Mar 2023 14:57

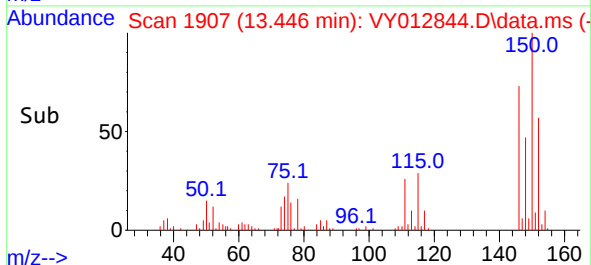
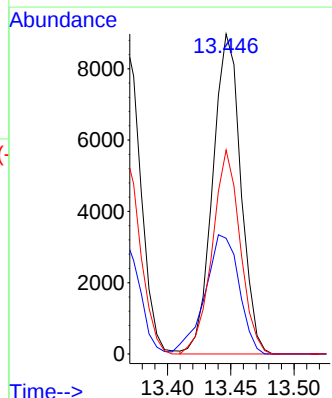
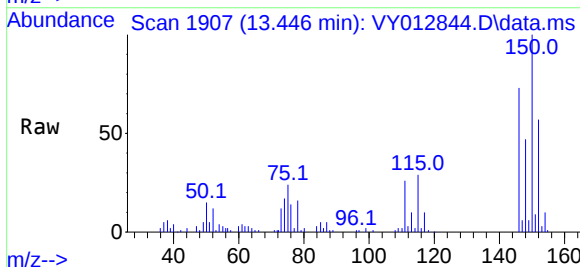
Tgt Ion:146 Resp: 13836

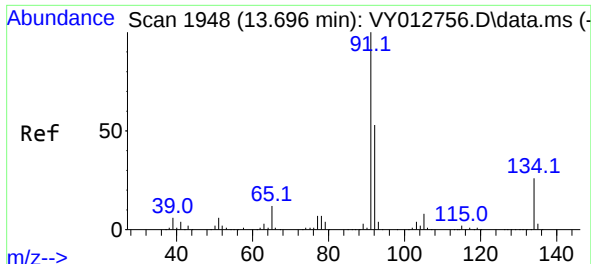
Ion Ratio Lower Upper

146 100

111 45.2 18.6 55.8

148 63.5 31.5 94.5

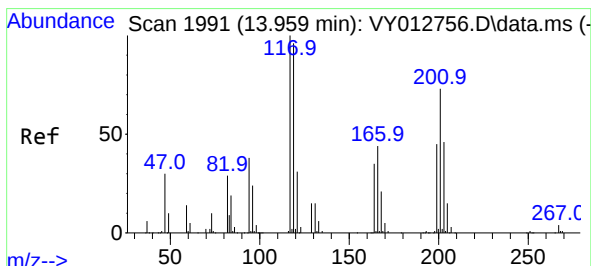
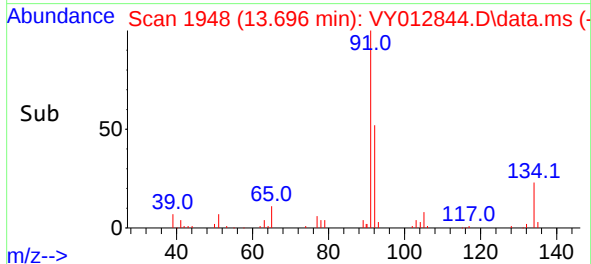
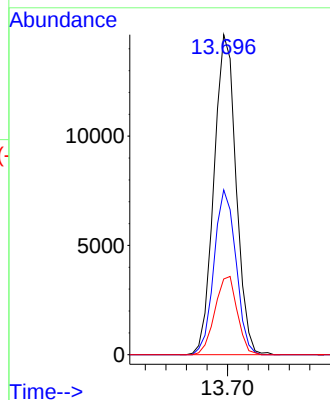
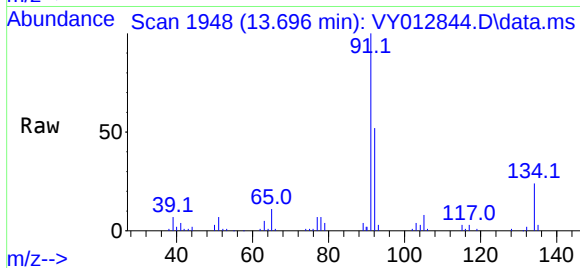




#89
n-Butylbenzene
Concen: 4.941 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

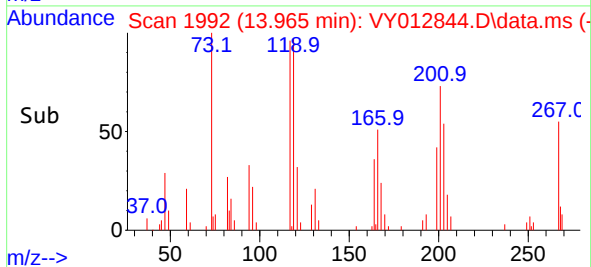
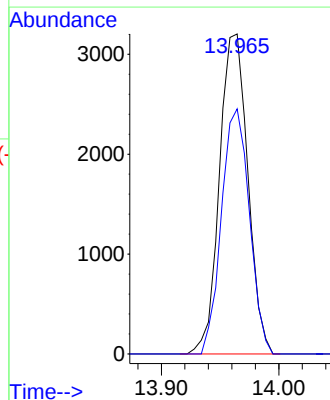
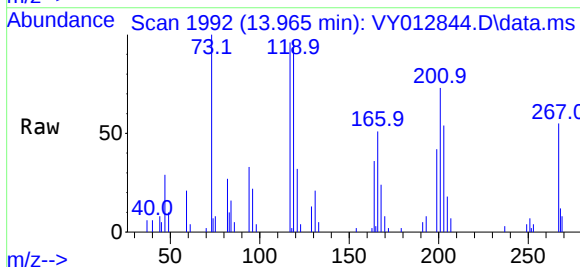
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

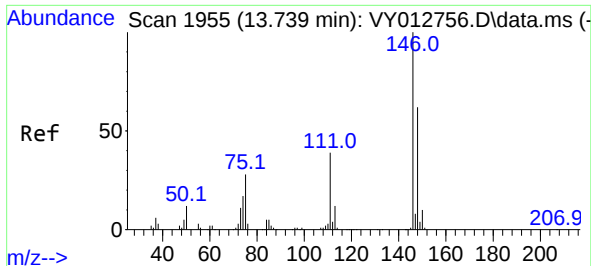
Tgt Ion:	91	Resp:	21848
Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.4	79.0
134	24.7	13.0	38.9



#90
Hexachloroethane
Concen: 5.590 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	117	Resp:	5377
Ion	Ratio	Lower	Upper
117	100		
201	75.4	39.4	118.1

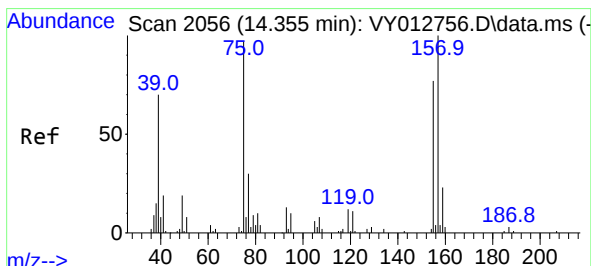
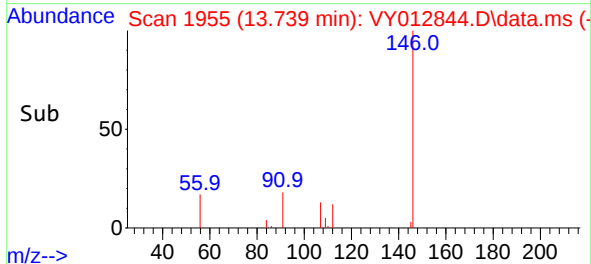
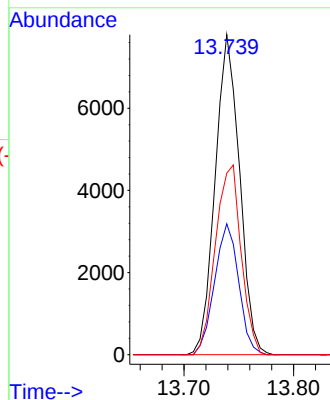
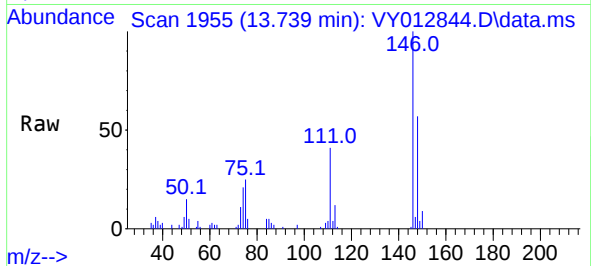




#91
1,2-Dichlorobenzene
Concen: 5.475 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

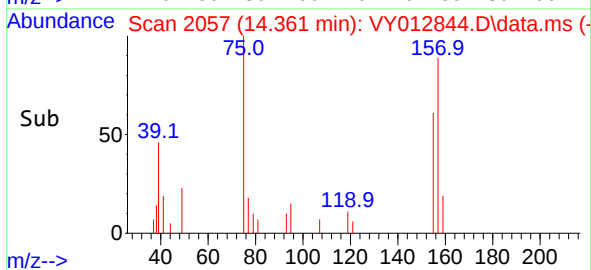
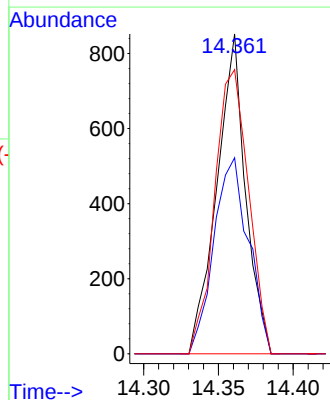
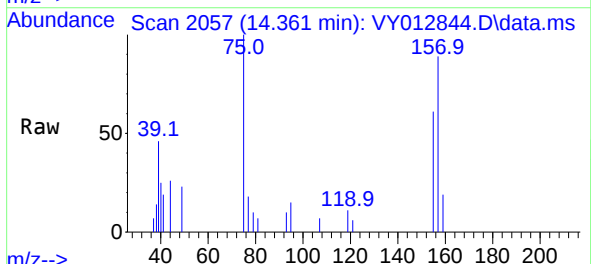
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

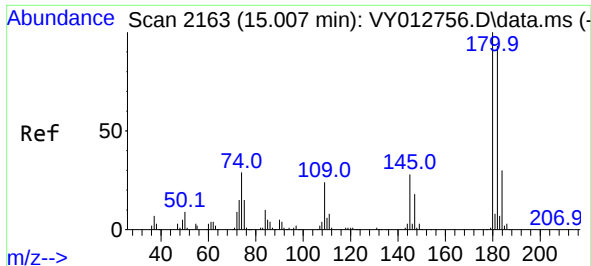
Tgt Ion:	146	Resp:	12059
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.1
148	62.3	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.039 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	75	Resp:	1141
Ion	Ratio	Lower	Upper
75	100		
155	73.7	43.8	131.4
157	104.4	54.1	162.3

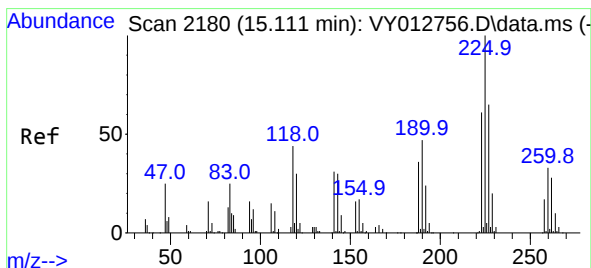
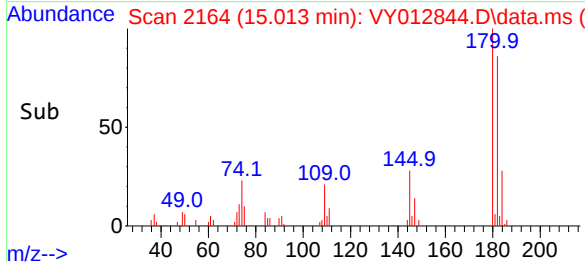
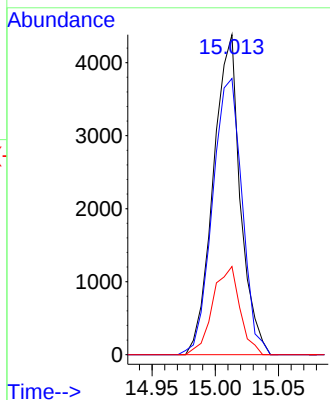
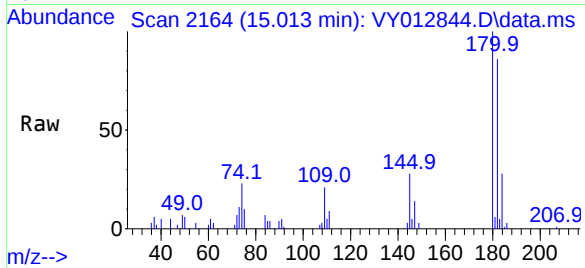




#93
1,2,4-Trichlorobenzene
Concen: 4.795 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

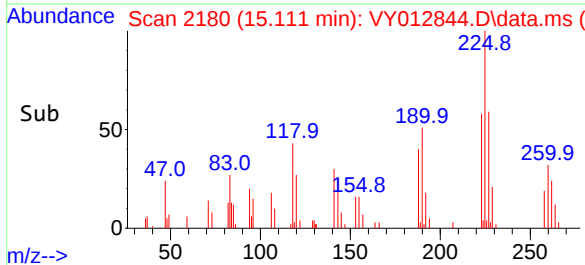
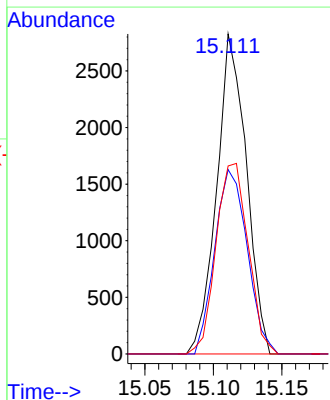
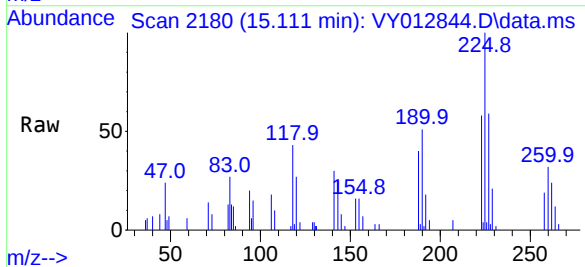
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

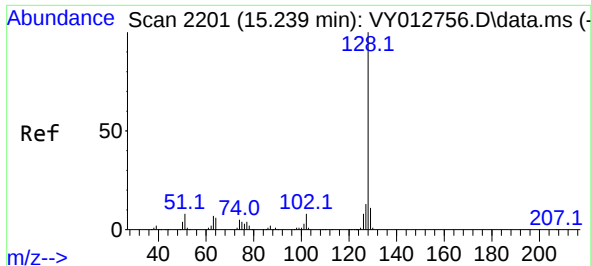
Tgt Ion:180 Resp: 6503
Ion Ratio Lower Upper
180 100
182 94.3 46.7 140.1
145 27.7 14.6 43.8



#94
Hexachlorobutadiene
Concen: 5.152 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:225 Resp: 4261
Ion Ratio Lower Upper
225 100
223 63.1 31.1 93.3
227 64.4 32.4 97.0

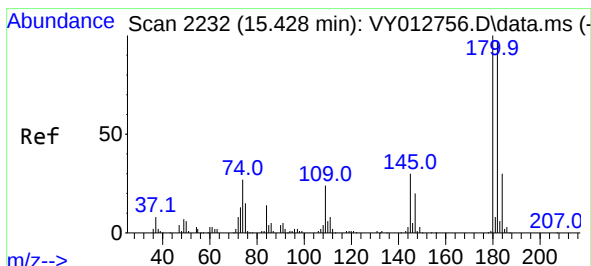
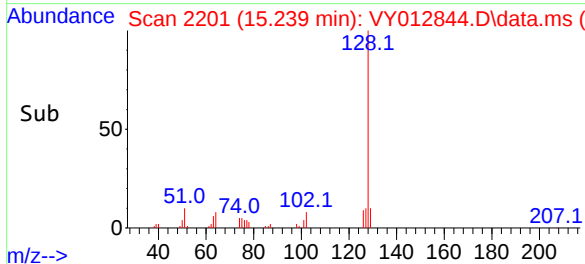
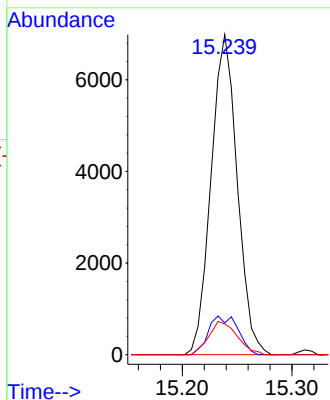
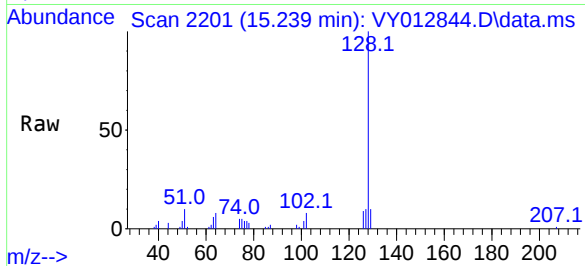




#95
Naphthalene
Concen: 4.270 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Tgt Ion:	128	Resp:	11604
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.717 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY012844.D
Acq: 07 Mar 2023 14:57

Tgt Ion:	180	Resp:	5689
Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.4	142.3
145	34.8	15.3	45.8

