

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008113.D
 Acq On : 30 Mar 2022 16:27
 Operator : SY/MD
 Sample : N1645-02 5.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 31 04:33:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	148947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	7955	5.323	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.640%#
35) Dibromofluoromethane	7.716	113	7844	4.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.740%#
50) Toluene-d8	10.179	98	29553	4.870	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.740%#
62) 4-Bromofluorobenzene	12.483	95	10746	5.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.040%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	5281	3.933	ug/l	94
3) Chloromethane	2.113	50	6945	4.248	ug/l	100
4) Vinyl Chloride	2.253	62	8950	4.114	ug/l	97
5) Bromomethane	2.656	94	8915	5.000	ug/l	92
6) Chloroethane	2.796	64	6156	4.302	ug/l	95
7) Trichlorofluoromethane	3.131	101	12171	4.423	ug/l	95
8) Diethyl Ether	3.533	74	4368	4.901	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	7527	4.409	ug/l	92
10) Methyl Iodide	4.094	142	6327	4.763	ug/l	92
11) Tert butyl alcohol	4.954	59	3899	25.147	ug/l	99
12) 1,1-Dichloroethene	3.875	96	6992	4.424	ug/l #	75
13) Acrolein	3.735	56	2685	21.276	ug/l	93
14) Allyl chloride	4.484	41	9366	4.505	ug/l #	90
15) Acrylonitrile	5.167	53	10134	23.873	ug/l	98
16) Acetone	3.948	43	7951	23.278	ug/l	91
17) Carbon Disulfide	4.198	76	18392	4.107	ug/l	97
18) Methyl Acetate	4.478	43	8017	1.924	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	21653	4.821	ug/l	95
20) Methylene Chloride	4.710	84	10519	1.490	ug/l #	76
21) trans-1,2-Dichloroethene	5.222	96	8503	4.647	ug/l #	71
22) Diisopropyl ether	6.118	45	21182	4.735	ug/l #	90
23) Vinyl Acetate	6.063	43	54184	19.548	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	13868	4.683	ug/l	97
25) 2-Butanone	6.990	43	12543	24.130	ug/l #	65
26) 2,2-Dichloropropane	6.978	77	12532	4.468	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	10037	4.732	ug/l	80
28) Bromochloromethane	7.338	49	5409	Below Cal	#	68
29) Tetrahydrofuran	7.350	42	8419	24.913	ug/l #	72
30) Chloroform	7.508	83	15206	4.742	ug/l	96
31) Cyclohexane	7.783	56	14143	5.063	ug/l #	68
32) 1,1,1-Trichloroethane	7.709	97	13521	4.563	ug/l	95
36) 1,1-Dichloropropene	7.917	75	10649	4.209	ug/l	91
37) Ethyl Acetate	7.075	43	5664	4.792	ug/l #	93
38) Carbon Tetrachloride	7.905	117	11565	4.194	ug/l	93
39) Methylcyclohexane	9.185	83	14170	4.149	ug/l	88
40) Benzene	8.161	78	33040	4.565	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	7752	13.061	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	9358	4.609	ug/l	88
43) Isopropyl Acetate	8.276	43	10486	4.519	ug/l #	82
44) Trichloroethene	8.941	130	9265	4.427	ug/l	91
45) 1,2-Dichloropropane	9.221	63	7906	4.635	ug/l	100
46) Dibromomethane	9.313	93	5096	4.544	ug/l	95
47) Bromodichloromethane	9.496	83	11435	4.459	ug/l	98
48) Methyl methacrylate	9.295	41	4500	4.379	ug/l #	72
49) 1,4-Dioxane	9.295	88	1349	90.475	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	26566	22.700	ug/l #	83
52) Toluene	10.246	92	21260	4.479	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	11392	4.333	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	12837	4.313	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	7297	4.712	ug/l	87
56) Ethyl methacrylate	10.508	69	8931	4.421	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	11730	4.628	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	22170	26.487	ug/l #	89
59) 2-Hexanone	10.831	43	18310	22.358	ug/l	81
60) Dibromochloromethane	10.983	129	7964	4.228	ug/l	98
61) 1,2-Dibromoethane	11.087	107	7058	4.576	ug/l	100
64) Tetrachloroethene	10.721	164	7983	4.537	ug/l	94
65) Chlorobenzene	11.520	112	23254	4.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	8178	4.292	ug/l	96
67) Ethyl Benzene	11.593	91	40778	4.504	ug/l	100
68) m/p-Xylenes	11.703	106	32202	8.945	ug/l	93
69) o-Xylene	12.032	106	15825	4.591	ug/l	89
70) Styrene	12.044	104	24154	4.281	ug/l	96
71) Bromoform	12.209	173	4592	3.992	ug/l #	97
73) Isopropylbenzene	12.331	105	39510	4.535	ug/l	99
74) N-amyl acetate	12.142	43	8600	4.490	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	8237	4.864	ug/l	95
76) 1,2,3-Trichloropropane	12.635	75	10166	7.901	ug/l #	100
77) Bromobenzene	12.611	156	9066	4.536	ug/l	95
78) n-propylbenzene	12.672	91	47912	4.662	ug/l	100
79) 2-Chlorotoluene	12.757	91	27373	4.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	32482	4.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2454	4.255	ug/l #	83
82) 4-Chlorotoluene	12.855	91	27697	4.735	ug/l	100
83) tert-Butylbenzene	13.074	119	28257	4.444	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	32114	4.620	ug/l	97
85) sec-Butylbenzene	13.251	105	42706	4.550	ug/l	99
86) p-Isopropyltoluene	13.373	119	34240	4.383	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	17983	4.538	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	18376	4.650	ug/l	95
89) n-Butylbenzene	13.696	91	32790	4.562	ug/l	99
90) Hexachloroethane	13.964	117	6652	4.395	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	16300	4.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1228	4.543	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	9770	4.675	ug/l	97
94) Hexachlorobutadiene	15.111	225	4544	4.110	ug/l	94
95) Naphthalene	15.239	128	22573	4.887	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	8805	4.870	ug/l	96

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LOQ-SOIL-02-QT1-2022

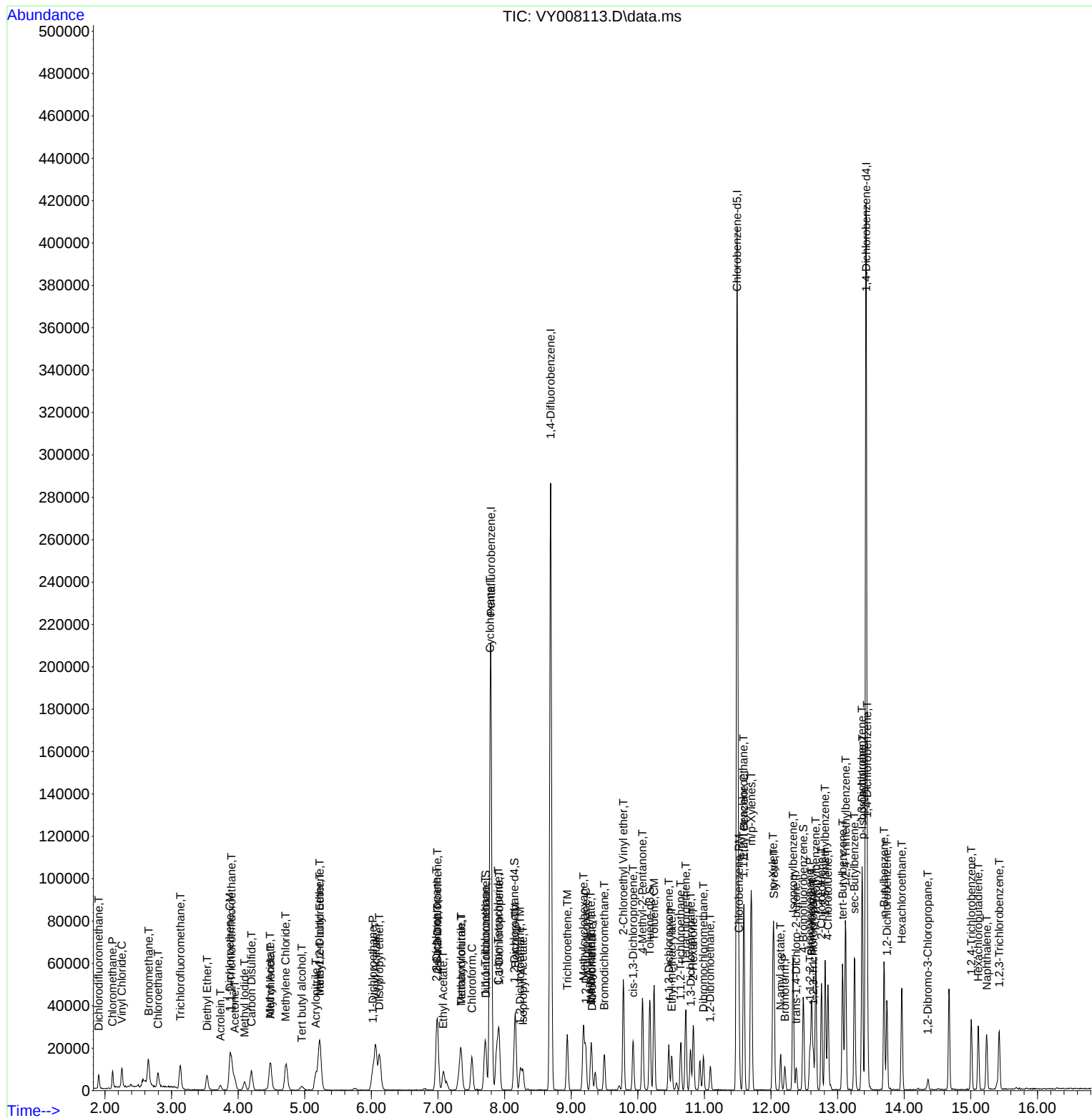
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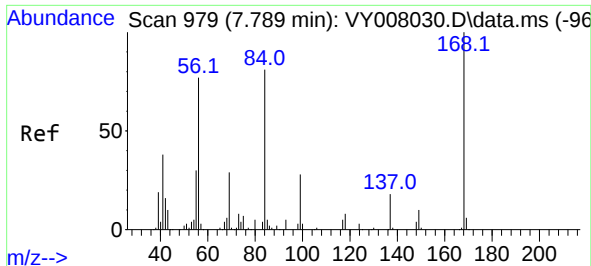
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
LOO-SOIL-02-OT1-2022

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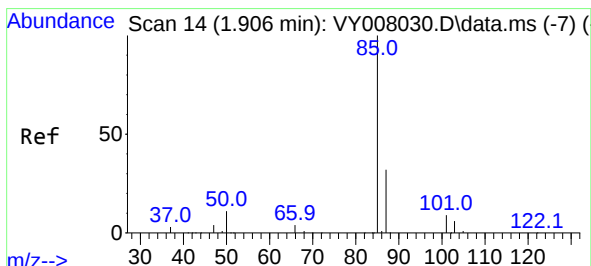
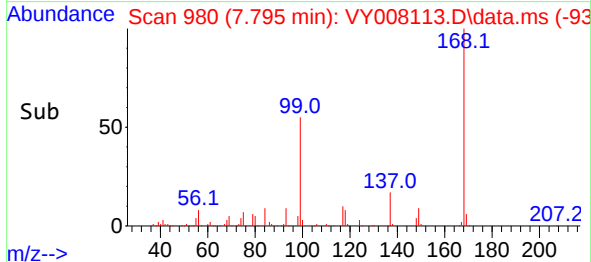
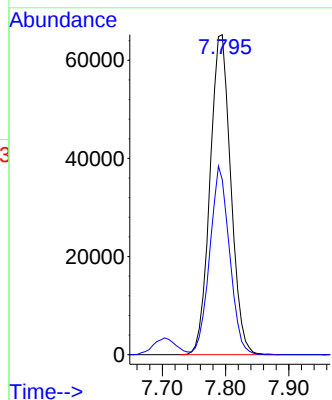
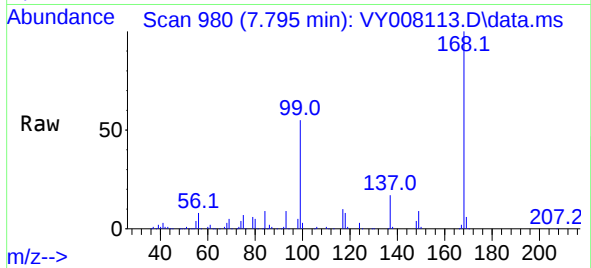




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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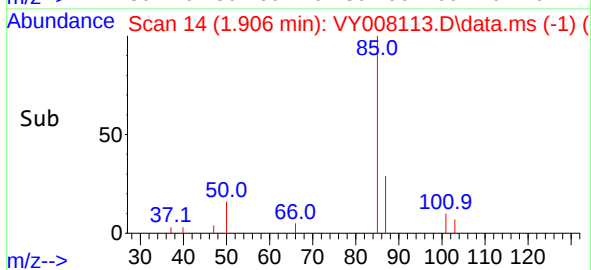
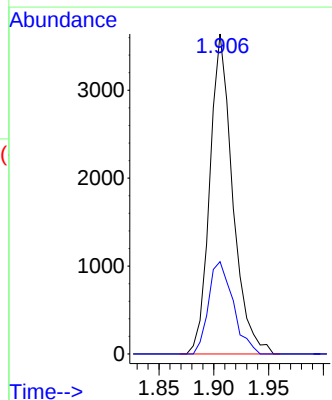
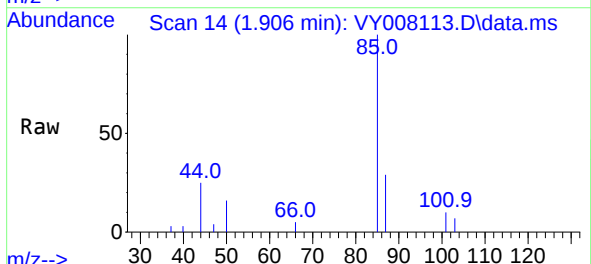
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MSVOA_Y
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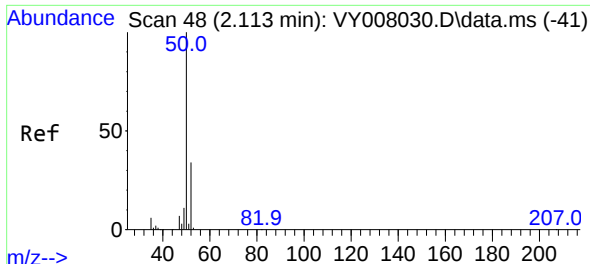
Tgt Ion:168 Resp: 148947
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.933 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 85 Resp: 5281
Ion Ratio Lower Upper
85 100
87 28.8 16.1 48.2

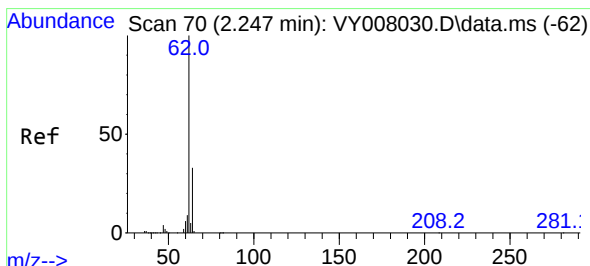
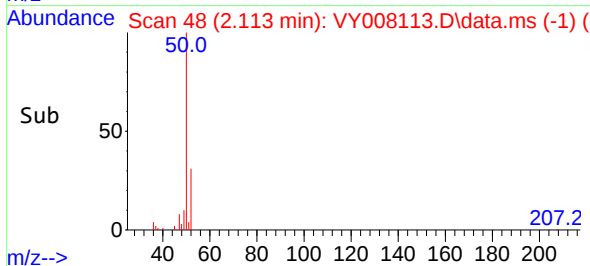
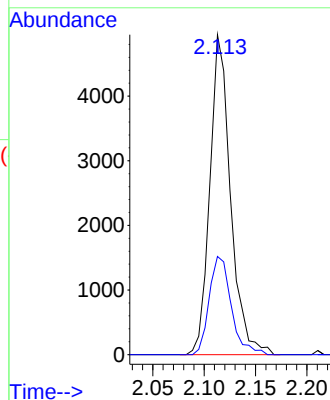
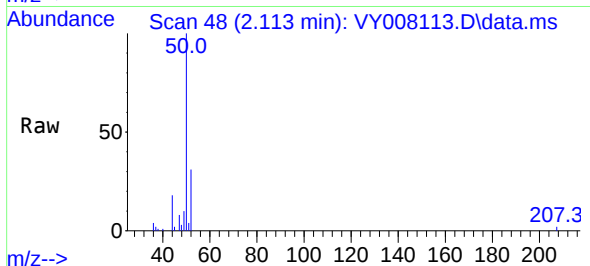




#3
Chloromethane
Concen: 4.248 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008113.D
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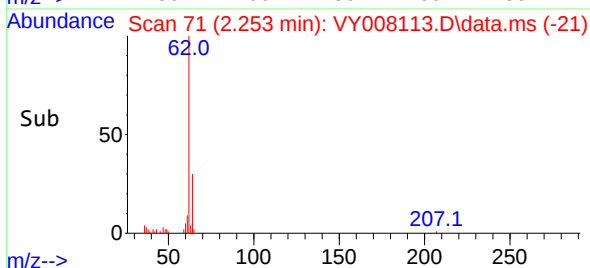
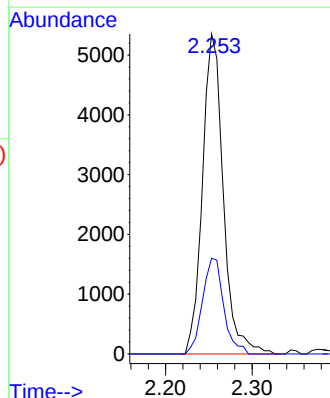
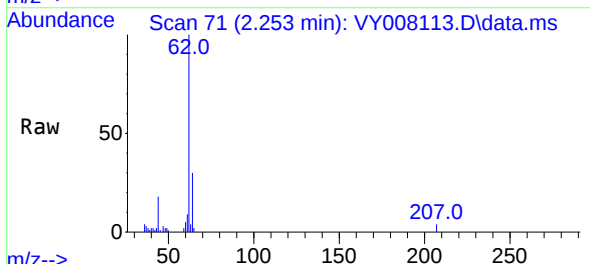
Instrument : MSVOA_Y
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Tgt Ion: 50 Resp: 6945
Ion Ratio Lower Upper
50 100
52 30.7 24.6 37.0



#4
Vinyl Chloride
Concen: 4.114 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 62 Resp: 8950
Ion Ratio Lower Upper
62 100
64 29.9 25.0 37.6

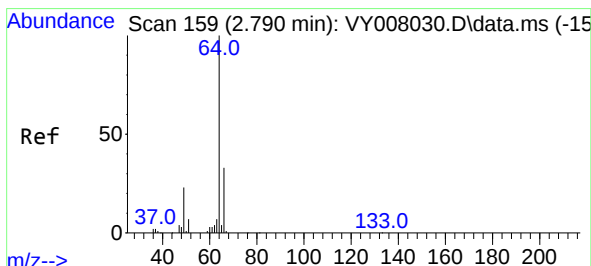
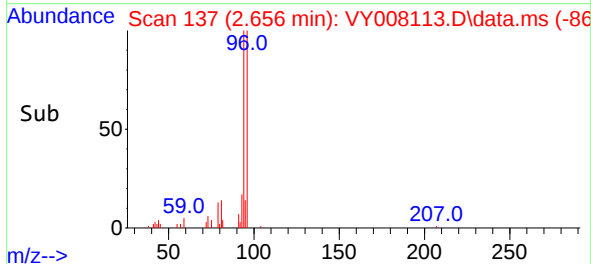
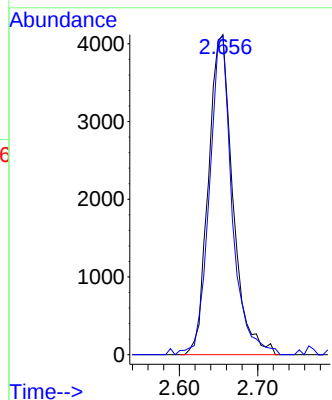
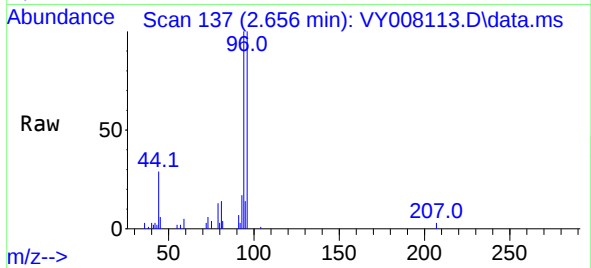




#5
Bromomethane
Concen: 5.000 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

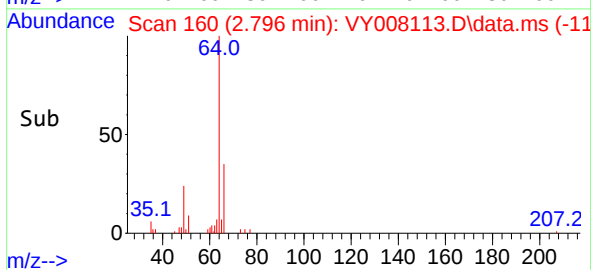
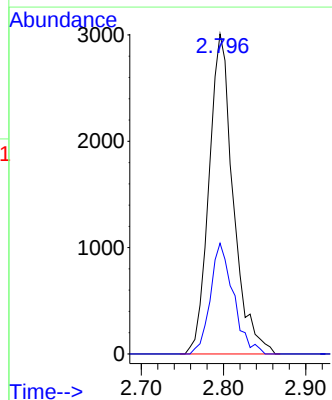
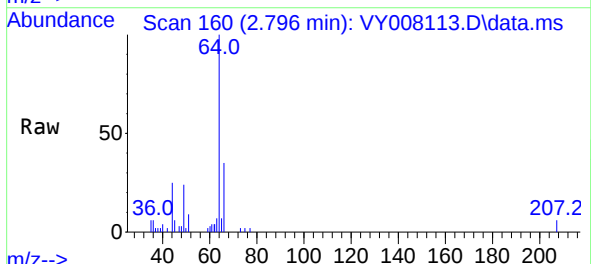
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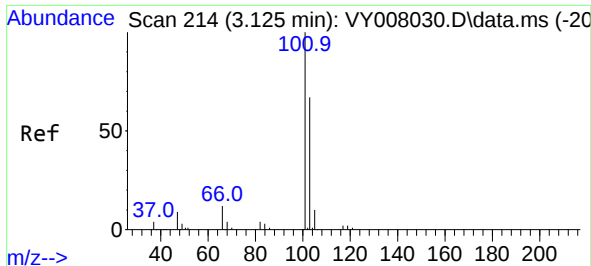
Tgt Ion: 94 Resp: 8915
Ion Ratio Lower Upper
94 100
96 99.6 73.5 110.3



#6
Chloroethane
Concen: 4.302 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 64 Resp: 6156
Ion Ratio Lower Upper
64 100
66 34.6 25.4 38.0

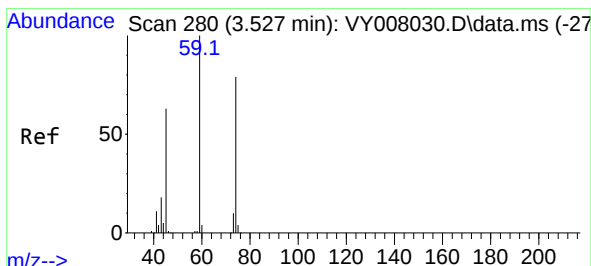
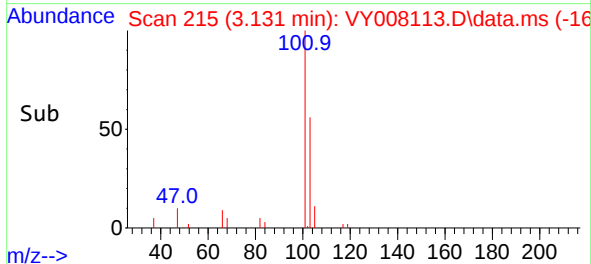
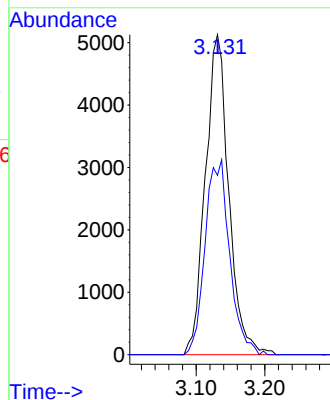
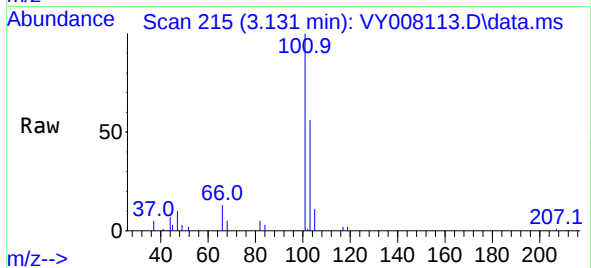




#7
Trichlorofluoromethane
Concen: 4.423 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

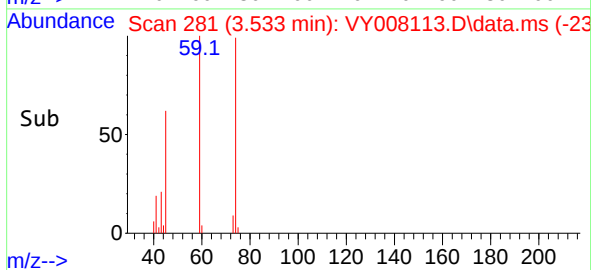
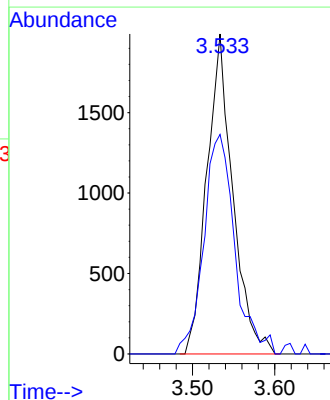
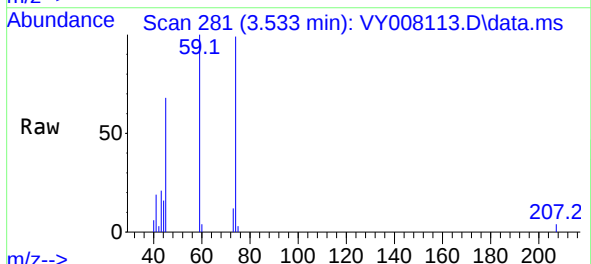
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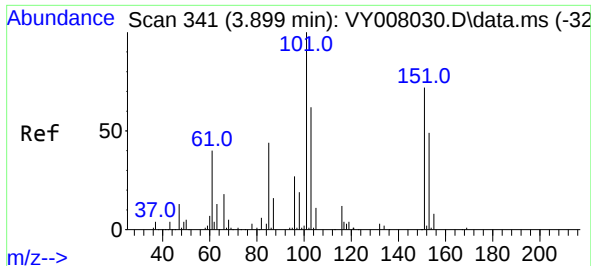
Tgt Ion:101 Resp: 12171
Ion Ratio Lower Upper
101 100
103 56.1 48.0 72.0



#8
Diethyl Ether
Concen: 4.901 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY008113.D
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Tgt Ion: 74 Resp: 4368
Ion Ratio Lower Upper
74 100
45 81.3 55.1 165.5

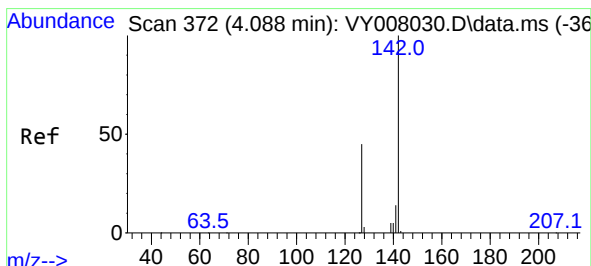
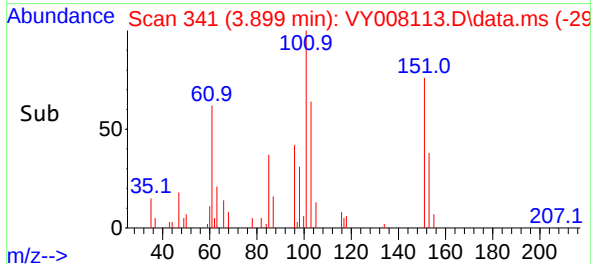
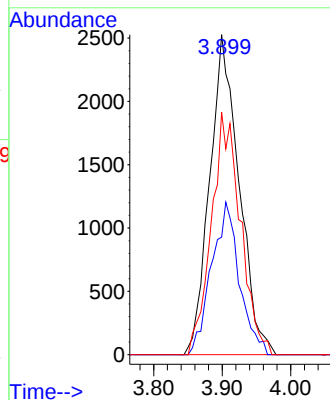
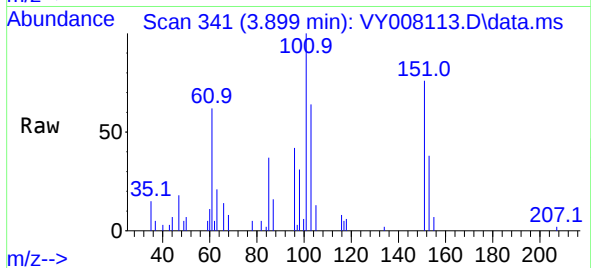




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.409 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

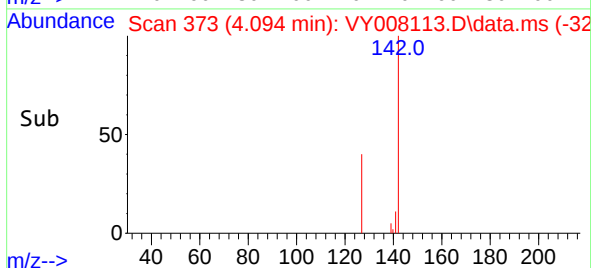
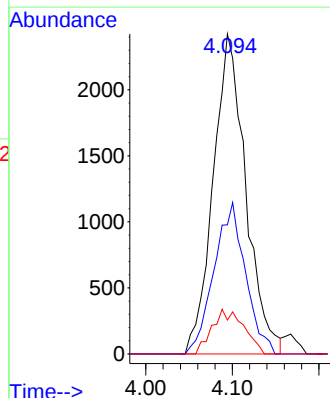
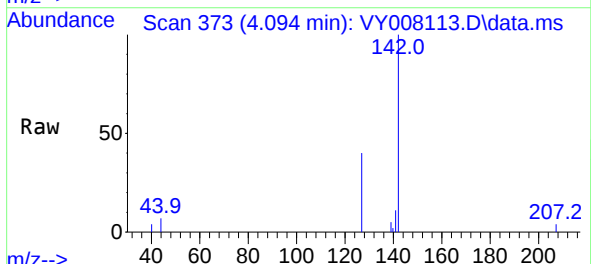
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

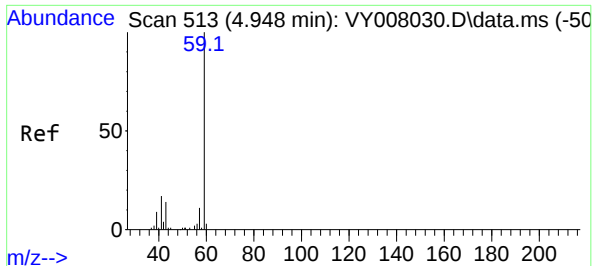
Tgt Ion:101	Resp:	7527
Ion	Ratio	Lower Upper
101	100	
85	45.0	40.6 60.8
151	74.8	64.9 97.3



#10
Methyl Iodide
Concen: 4.763 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:142	Resp:	6327
Ion	Ratio	Lower Upper
142	100	
127	45.6	41.5 62.3
141	13.5	11.9 17.9





#11

Tert butyl alcohol

Concen: 25.147 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

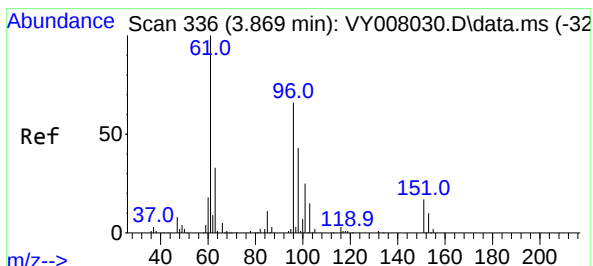
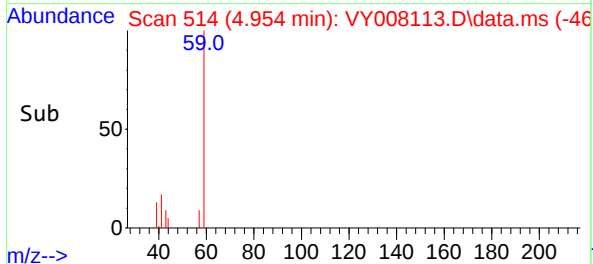
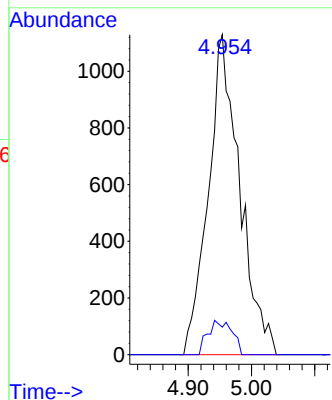
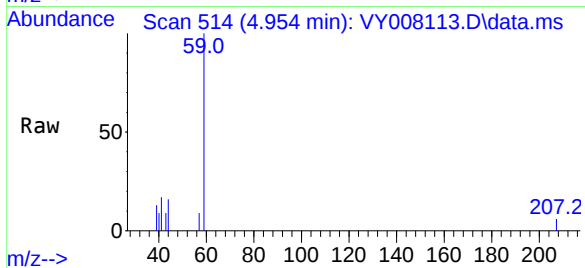
LOQ-SOIL-02-QT1-2022

Tgt Ion: 59 Resp: 3899

Ion Ratio Lower Upper

59 100

57 8.2 6.4 9.6



#12

1,1-Dichloroethene

Concen: 4.424 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

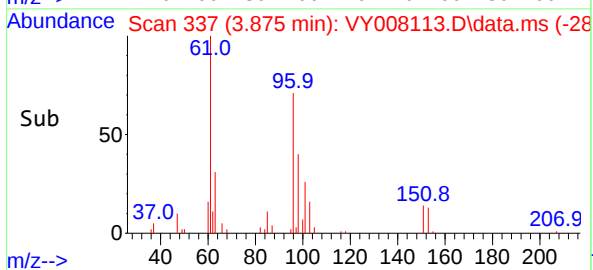
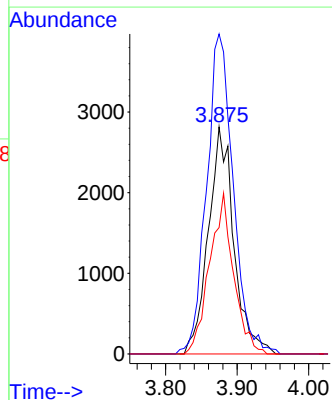
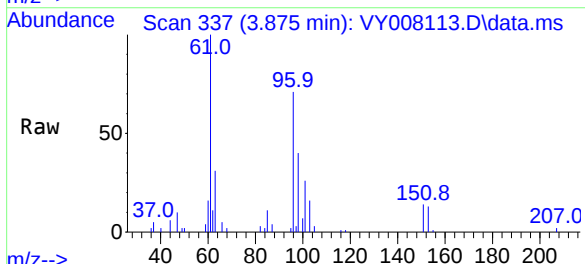
Tgt Ion: 96 Resp: 6992

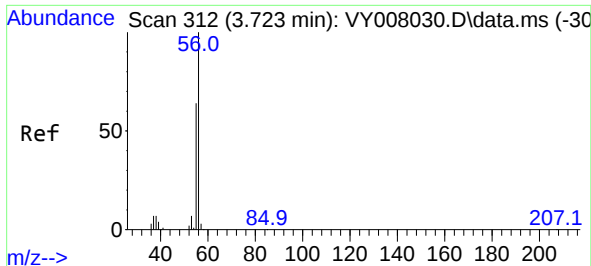
Ion Ratio Lower Upper

96 100

61 141.0 145.8 218.6#

98 55.7 52.5 78.7

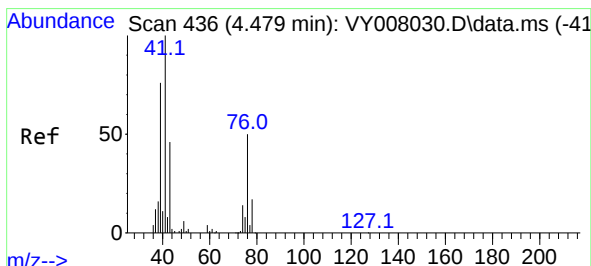
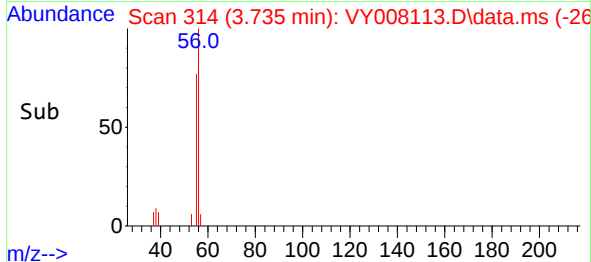
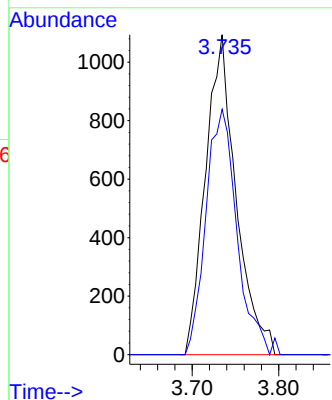
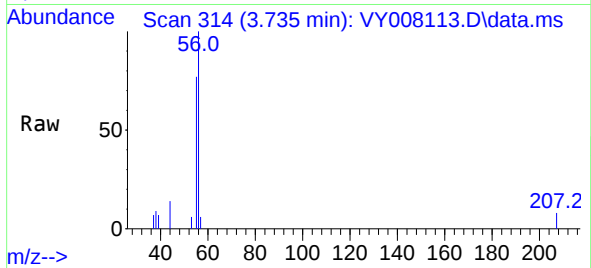




#13
Acrolein
Concen: 21.276 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

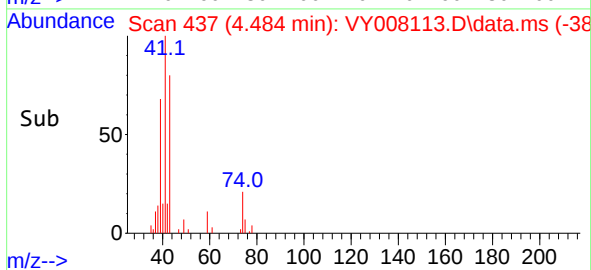
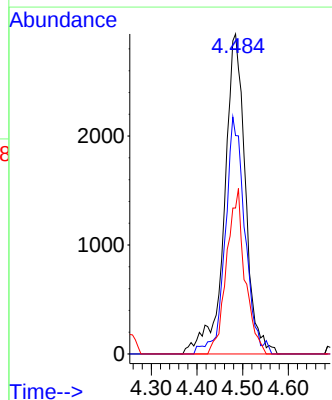
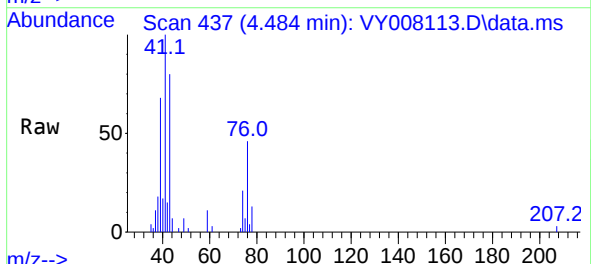
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

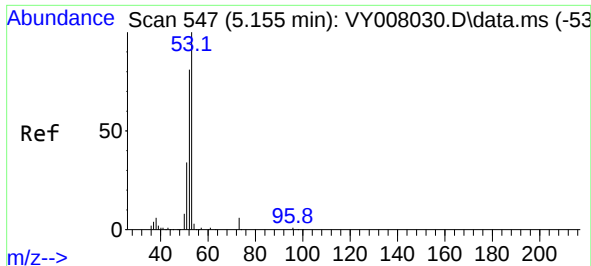
Tgt Ion: 56 Resp: 2685
Ion Ratio Lower Upper
56 100
55 77.9 57.6 86.4



#14
Allyl chloride
Concen: 4.505 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 41 Resp: 9366
Ion Ratio Lower Upper
41 100
39 69.9 58.8 88.2
76 44.9 25.1 37.7#

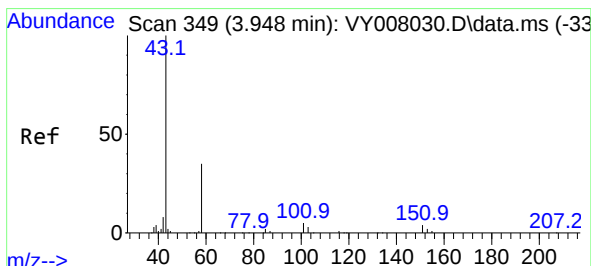
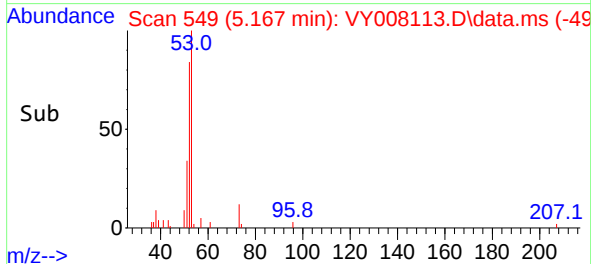
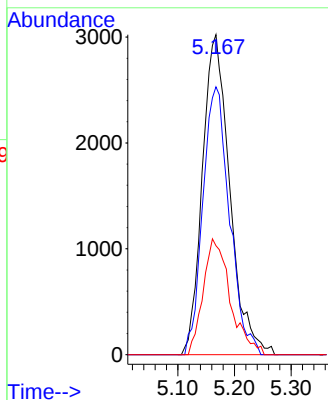
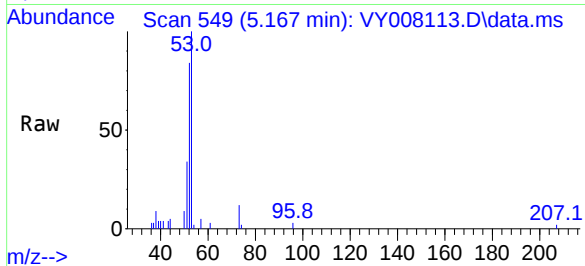




#15
Acrylonitrile
Concen: 23.873 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

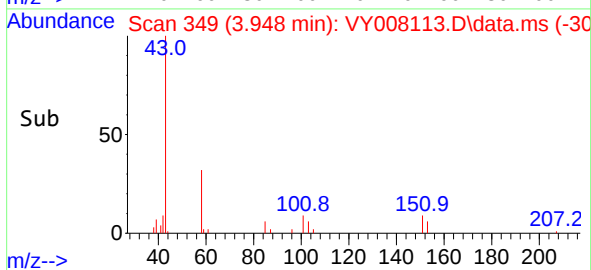
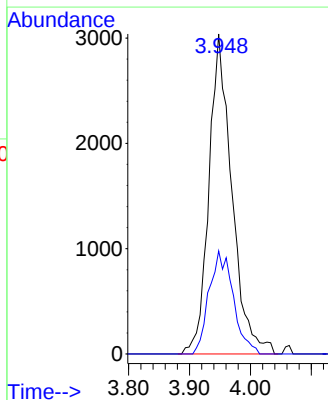
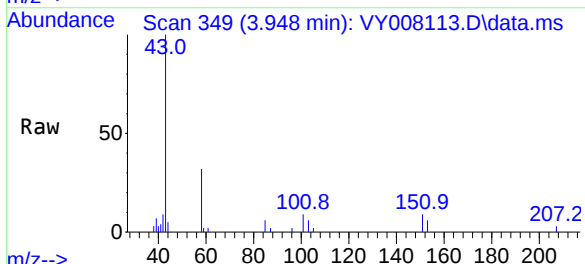
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

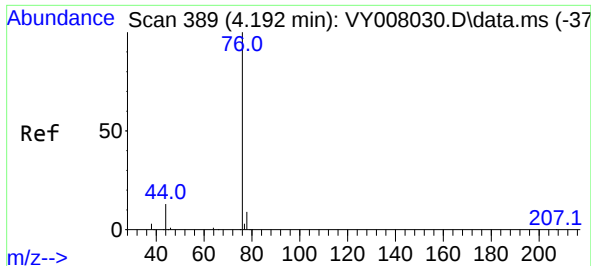
Tgt Ion:	53	Resp:	10134
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.0	100.4
51	35.8	29.8	44.6



#16
Acetone
Concen: 23.278 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:	43	Resp:	7951
Ion	Ratio	Lower	Upper
43	100		
58	32.2	22.0	33.0

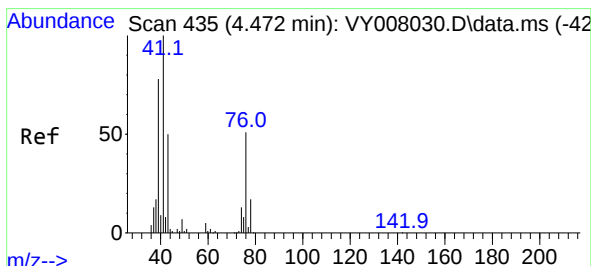
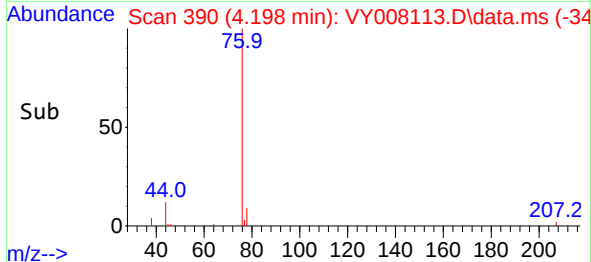
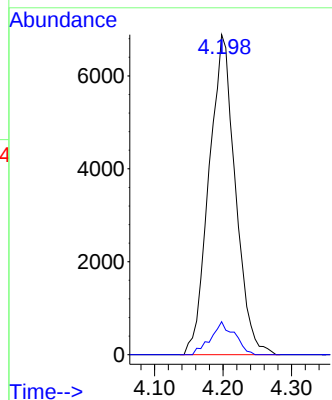
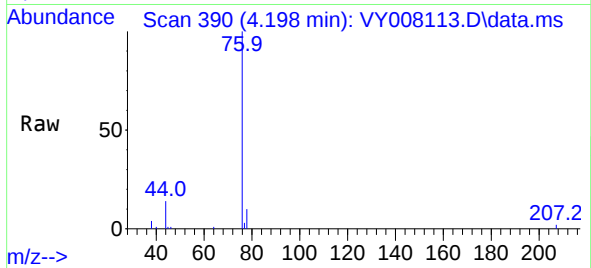




#17
Carbon Disulfide
Concen: 4.107 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

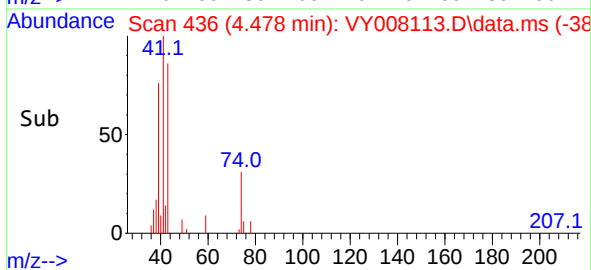
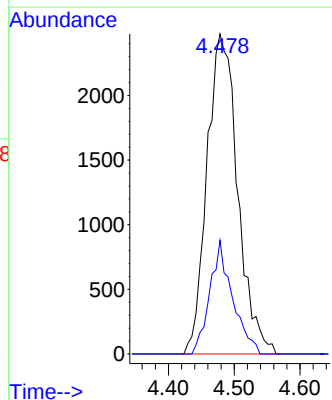
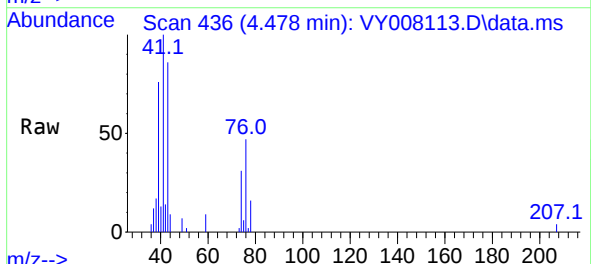
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

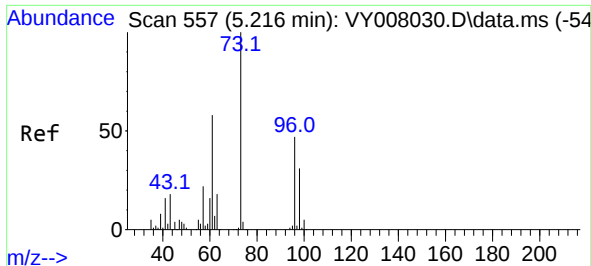
Tgt Ion: 76 Resp: 18392
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 1.924 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 43 Resp: 8017
Ion Ratio Lower Upper
43 100
74 26.3 16.6 24.8#

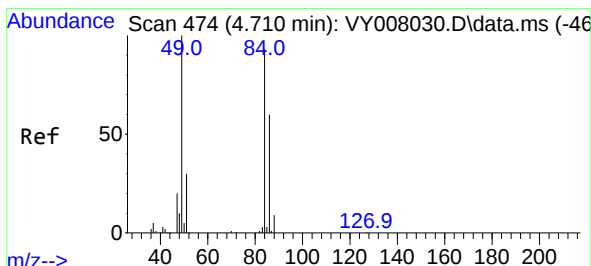
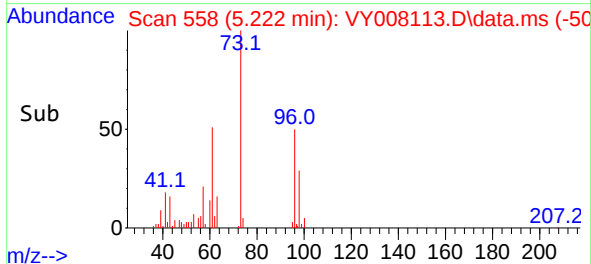
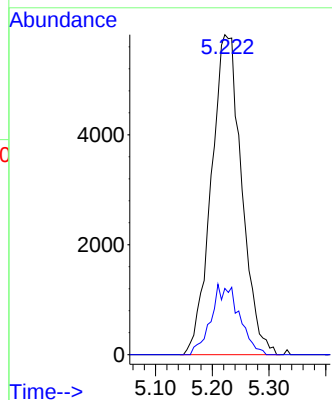
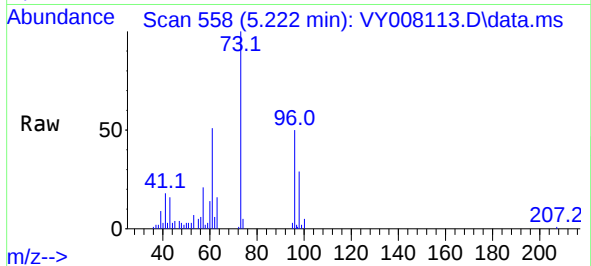




#19
Methyl tert-butyl Ether
Concen: 4.821 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

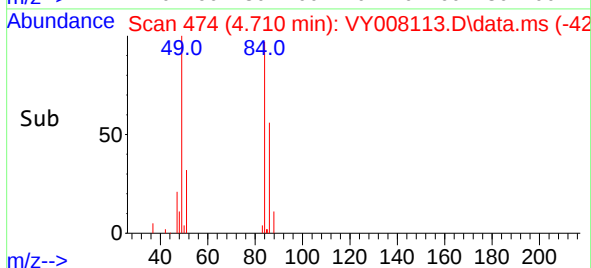
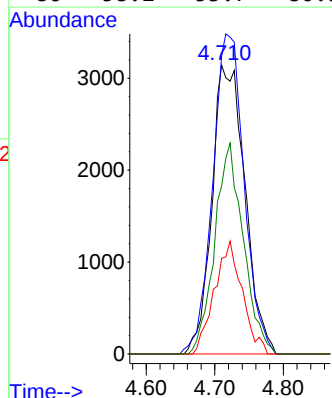
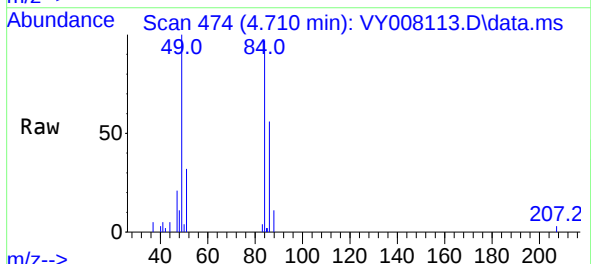
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

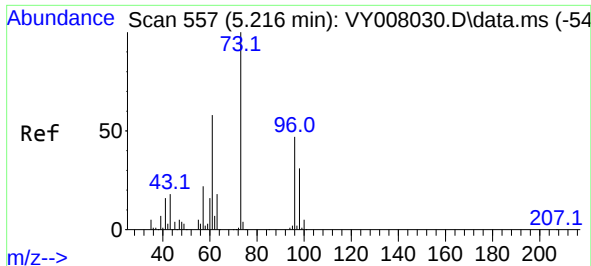
Tgt Ion: 73 Resp: 21653
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8



#20
Methylene Chloride
Concen: 1.490 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 84 Resp: 10519
Ion Ratio Lower Upper
84 100
49 103.2 114.4 171.6#
51 33.2 35.3 52.9#
86 58.2 53.7 80.5

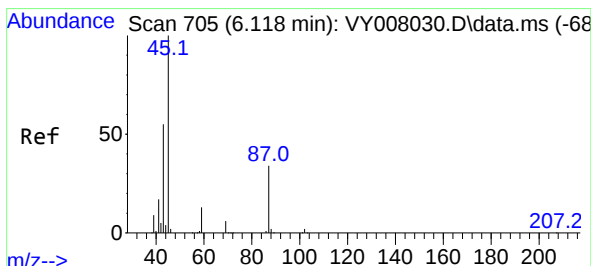
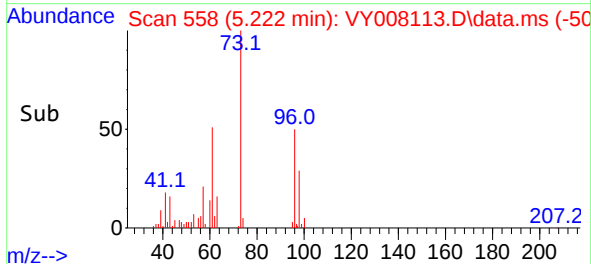
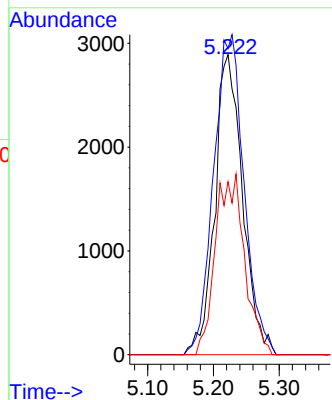
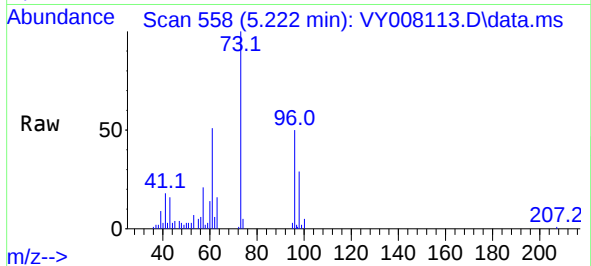




#21
trans-1,2-Dichloroethene
Concen: 4.647 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

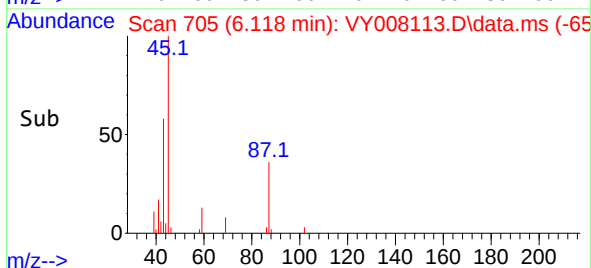
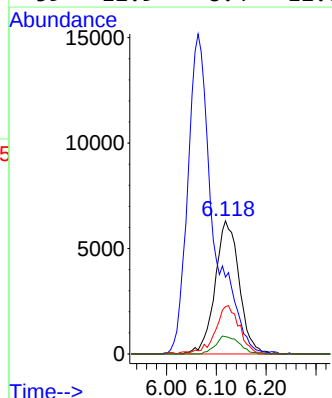
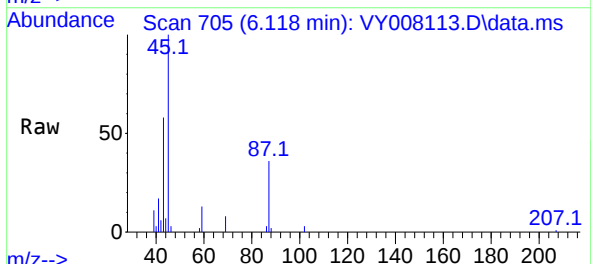
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

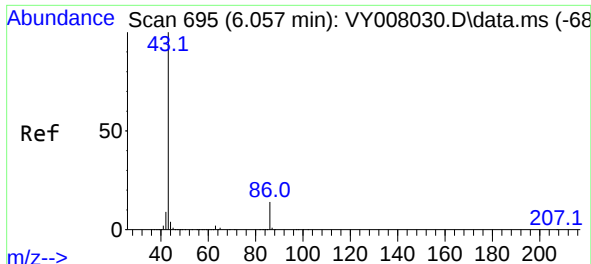
Tgt Ion: 96 Resp: 8503
Ion Ratio Lower Upper
96 100
61 102.1 120.5 180.7#
98 57.6 49.8 74.8



#22
Diisopropyl ether
Concen: 4.735 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 45 Resp: 21182
Ion Ratio Lower Upper
45 100
43 57.7 49.3 73.9
87 35.6 19.2 28.8#
59 12.9 8.4 12.6#

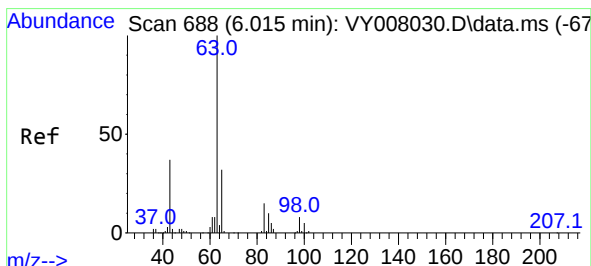
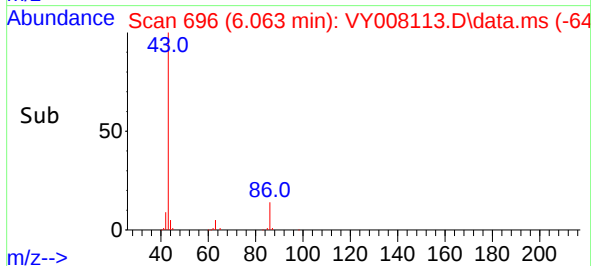
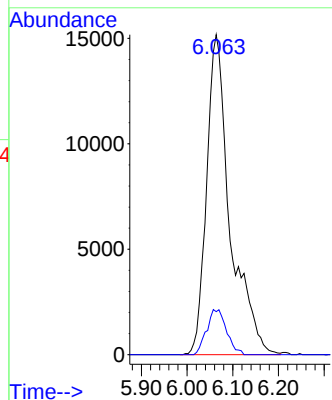
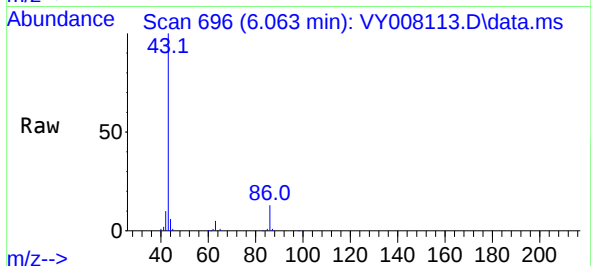




#23
 Vinyl Acetate
 Concen: 19.548 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

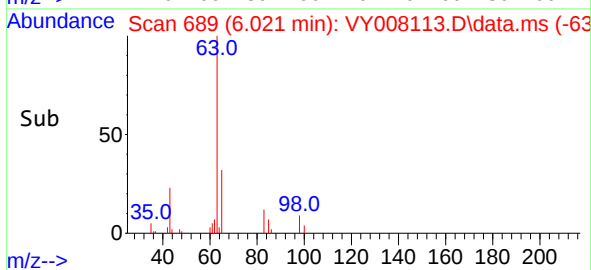
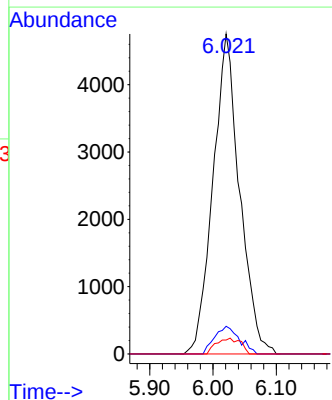
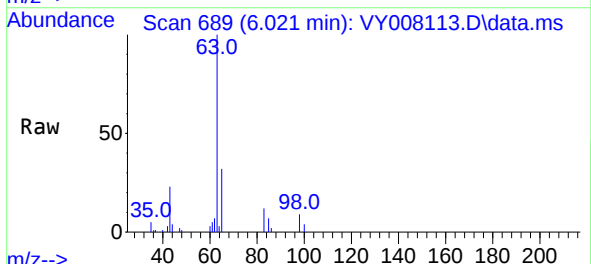
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

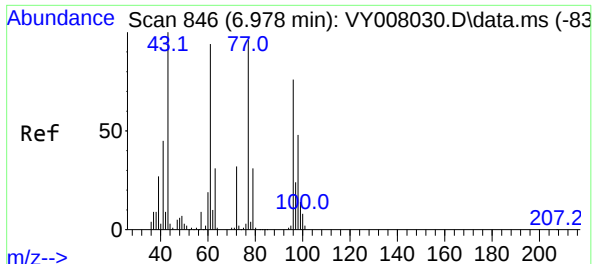
Tgt Ion: 43 Resp: 54184
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.683 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

Tgt Ion: 63 Resp: 13868
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 24.130 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

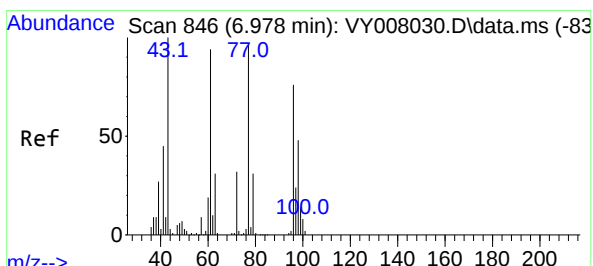
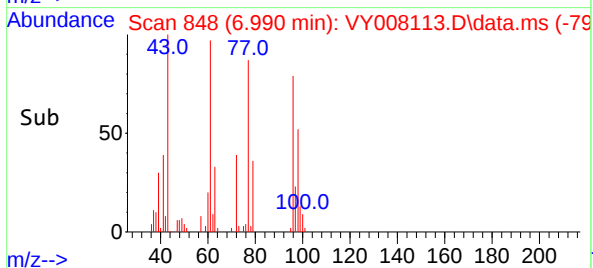
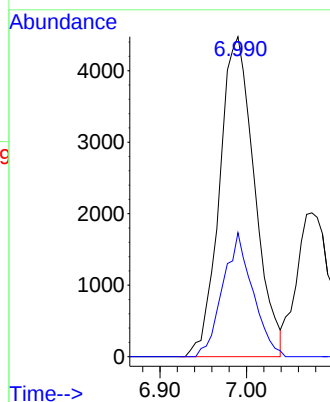
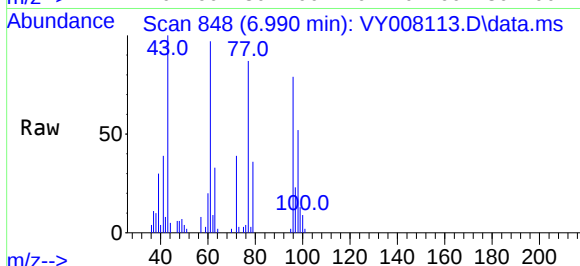
LOQ-SOIL-02-QT1-2022

Tgt Ion: 43 Resp: 12543

Ion Ratio Lower Upper

43 100

72 38.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 4.468 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008113.D

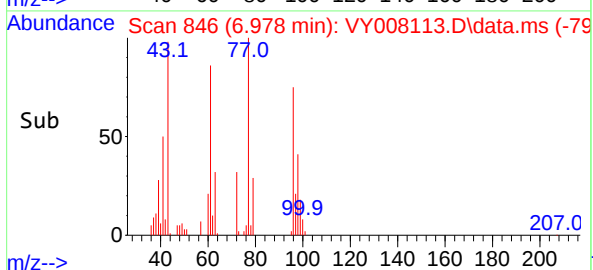
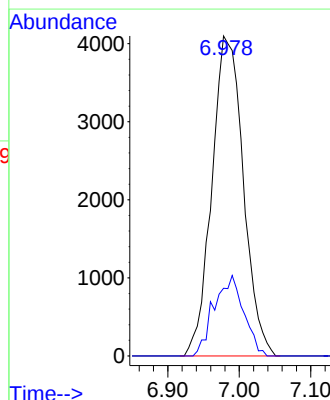
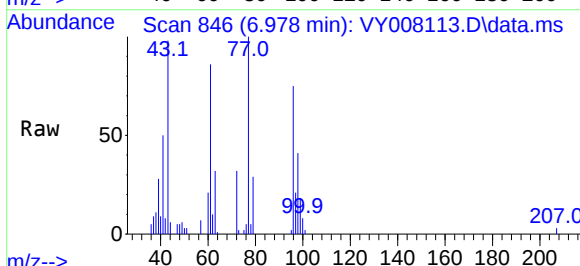
Acq: 30 Mar 2022 16:27

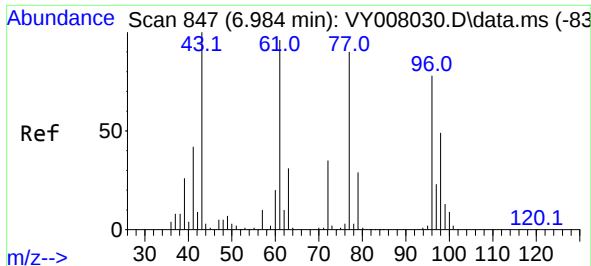
Tgt Ion: 77 Resp: 12532

Ion Ratio Lower Upper

77 100

97 23.6 10.4 31.4

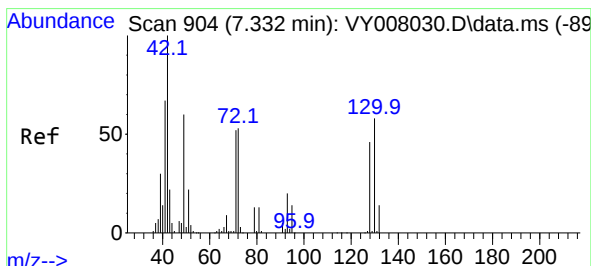
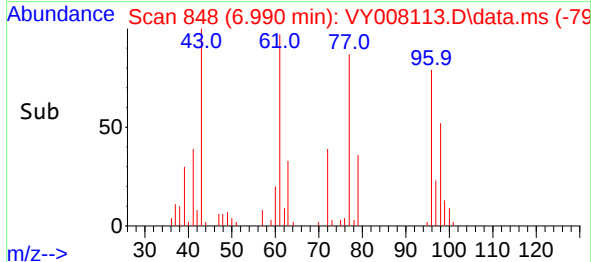
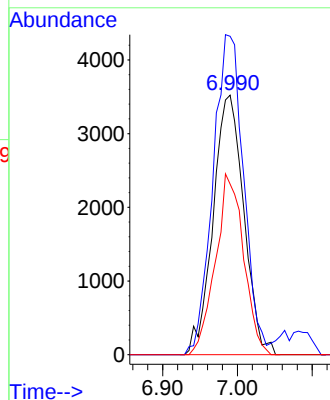
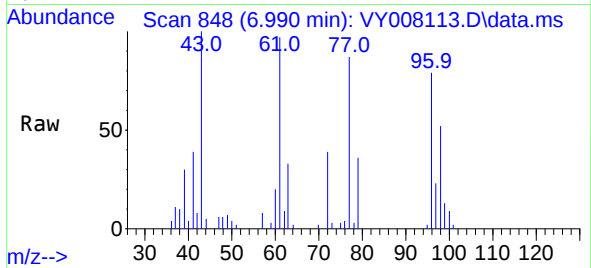




#27
 cis-1,2-Dichloroethene
 Concen: 4.732 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

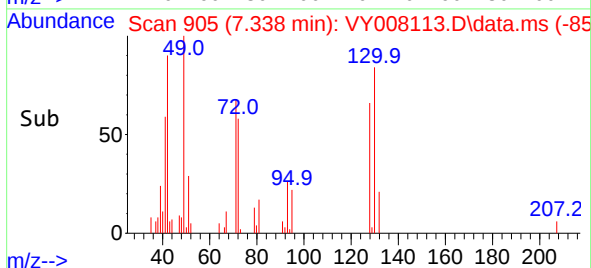
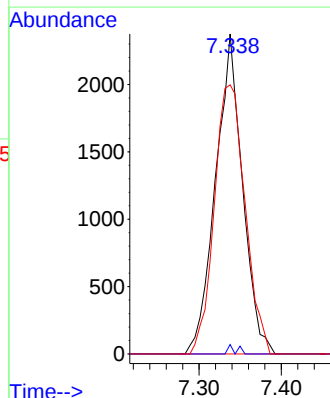
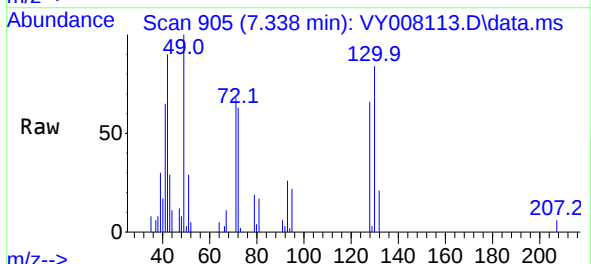
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

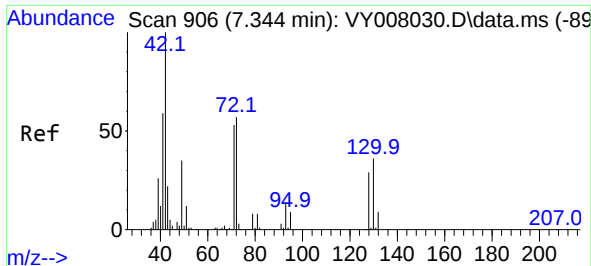
Tgt Ion: 96 Resp: 10037
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 319.8
 98 63.8 0.0 127.0



#28
 Bromochloromethane
 Concen: Below Cal
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

Tgt Ion: 49 Resp: 5409
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 96.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 24.913 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

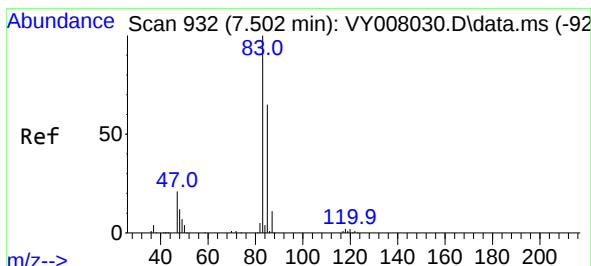
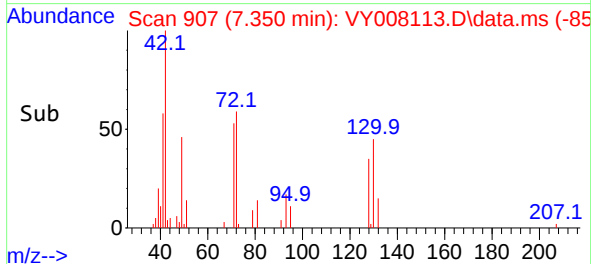
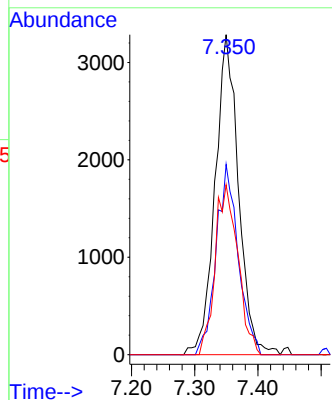
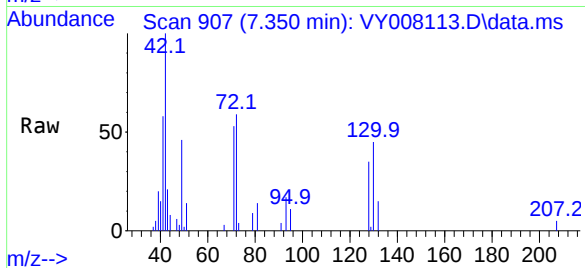
Tgt Ion: 42 Resp: 8419

Ion Ratio Lower Upper

42 100

72 56.2 30.3 45.5#

71 51.7 29.0 43.4#



#30

Chloroform

Concen: 4.742 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY008113.D

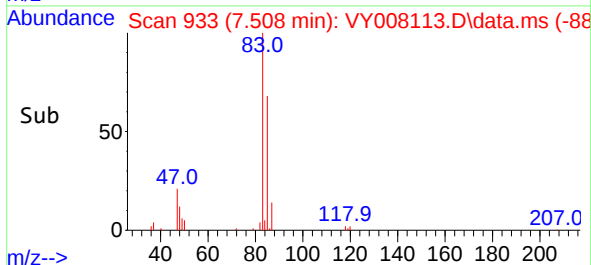
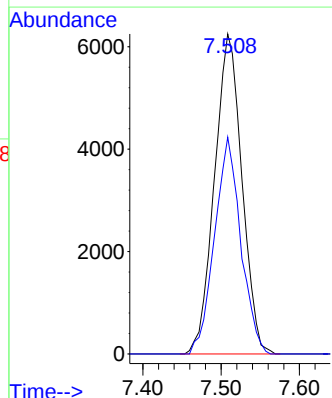
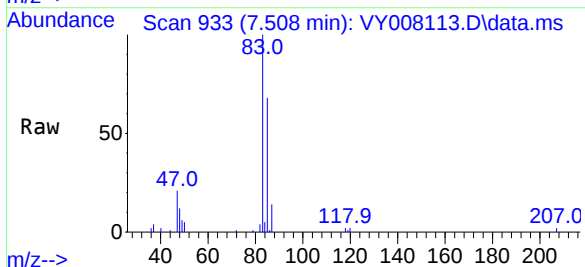
Acq: 30 Mar 2022 16:27

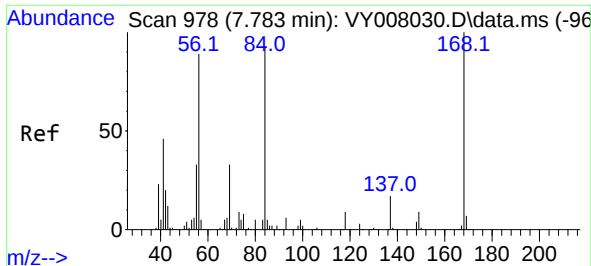
Tgt Ion: 83 Resp: 15206

Ion Ratio Lower Upper

83 100

85 67.7 51.8 77.6

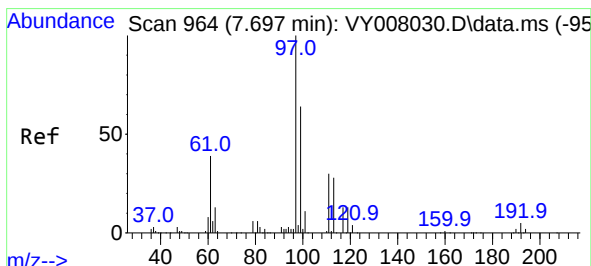
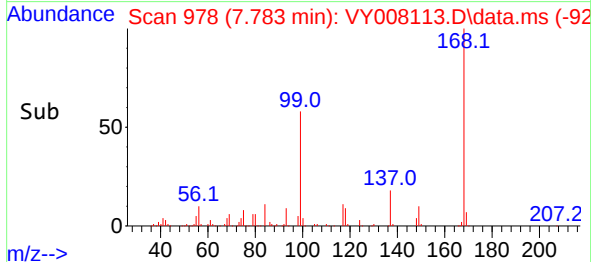
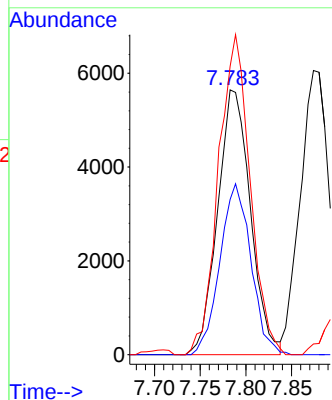
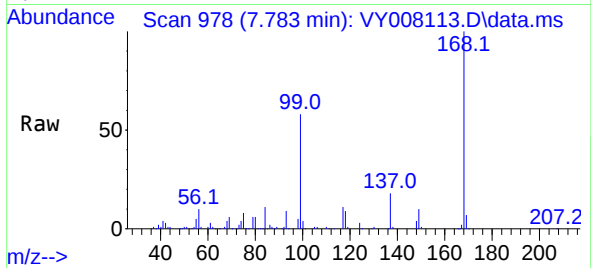




#31
Cyclohexane
Concen: 5.063 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

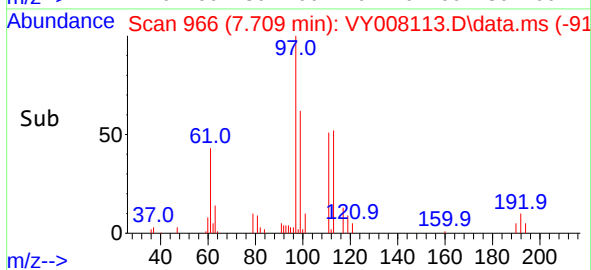
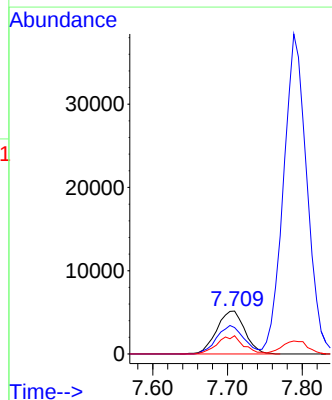
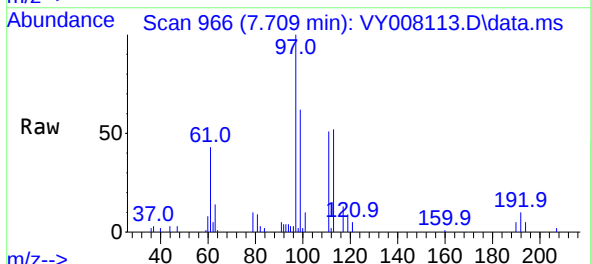
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

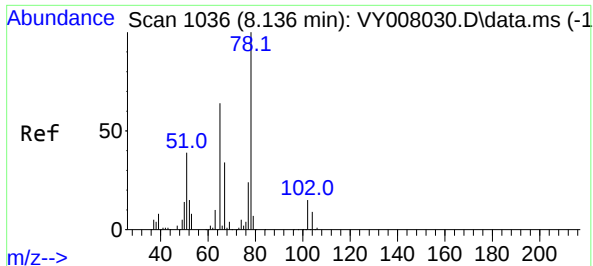
Tgt Ion: 56 Resp: 14143
Ion Ratio Lower Upper
56 100
69 58.6 26.7 40.1#
84 108.9 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.563 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 97 Resp: 13521
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 39.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.323 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

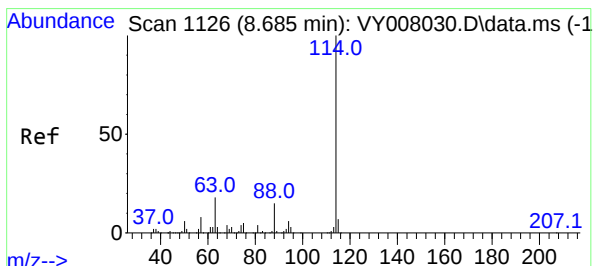
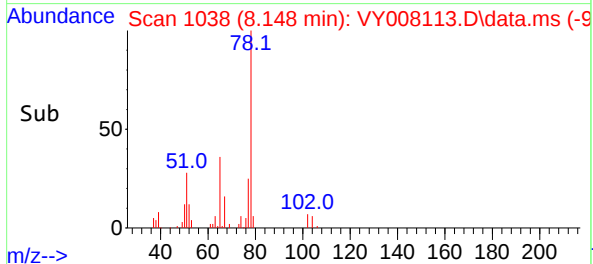
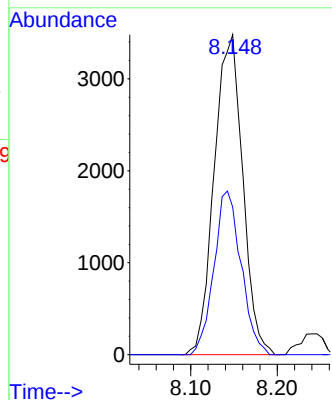
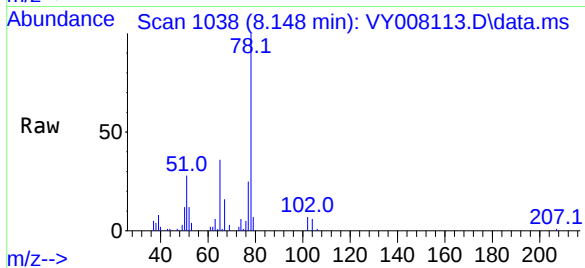
LOQ-SOIL-02-QT1-2022

Tgt Ion: 65 Resp: 7955

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

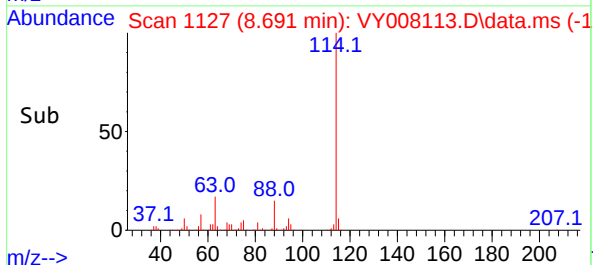
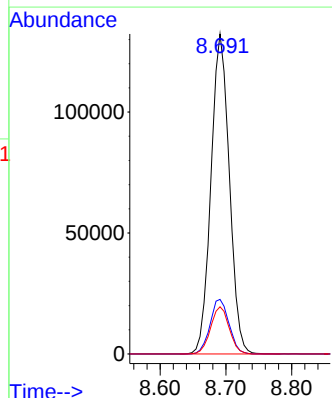
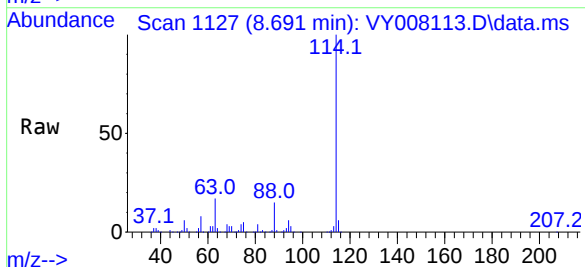
Tgt Ion: 114 Resp: 256919

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.7 0.0 31.8

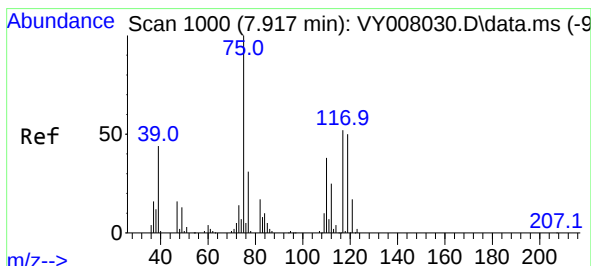
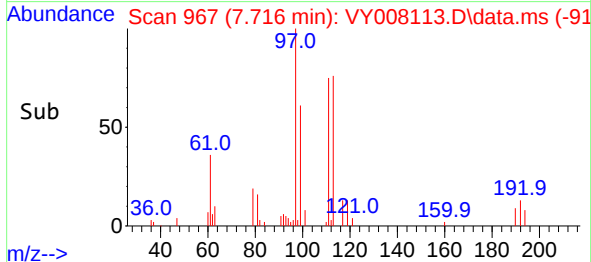
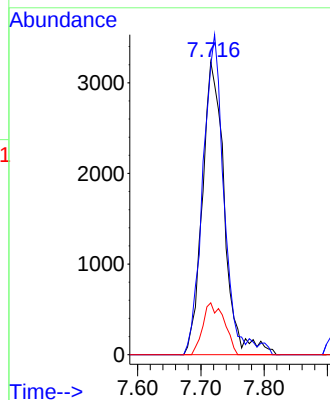
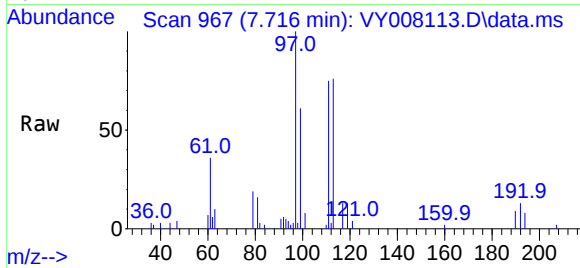




#35
Dibromofluoromethane
Concen: 4.870 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

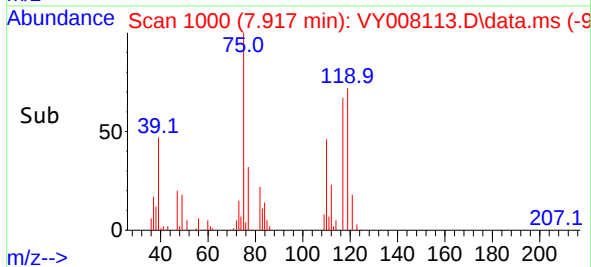
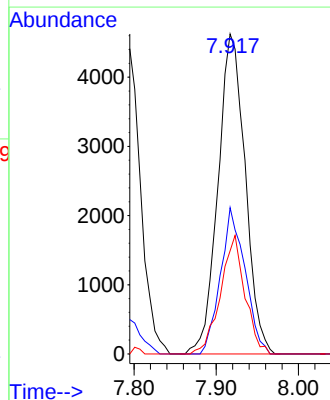
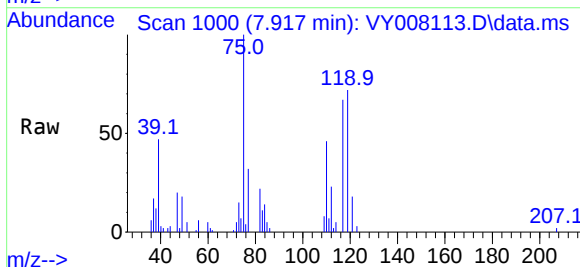
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

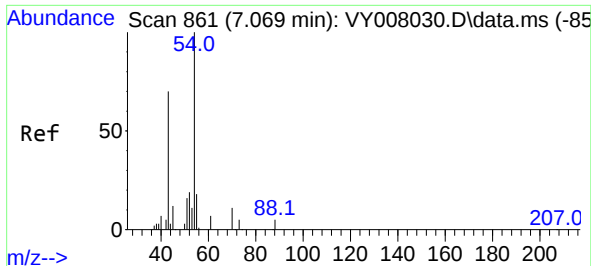
Tgt Ion:113 Resp: 7844
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.2 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.209 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 75 Resp: 10649
Ion Ratio Lower Upper
75 100
110 41.3 17.1 51.2
77 33.3 24.4 36.6





#37

Ethyl Acetate

Concen: 4.792 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY008113.D

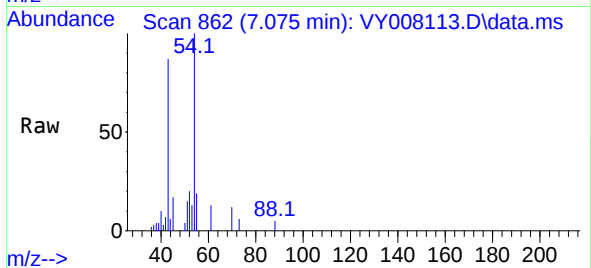
Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022



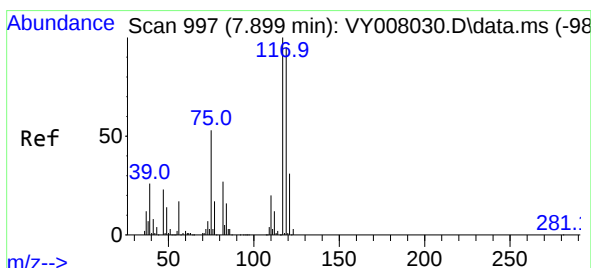
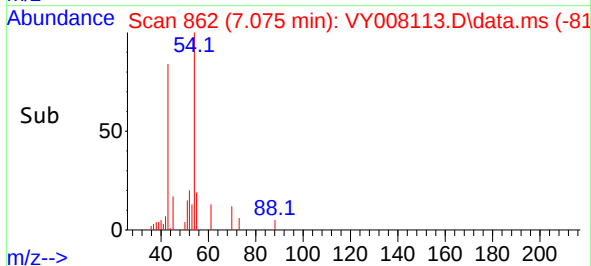
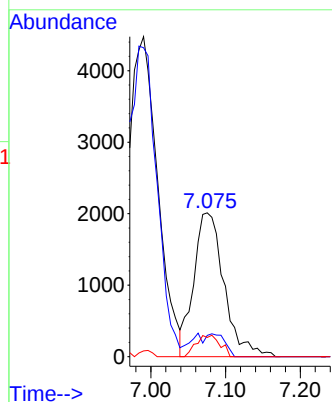
Tgt Ion: 43 Resp: 5664

Ion Ratio Lower Upper

43 100

61 9.8 9.7 14.5

70 11.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.194 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

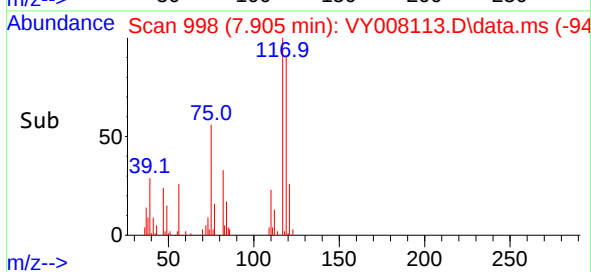
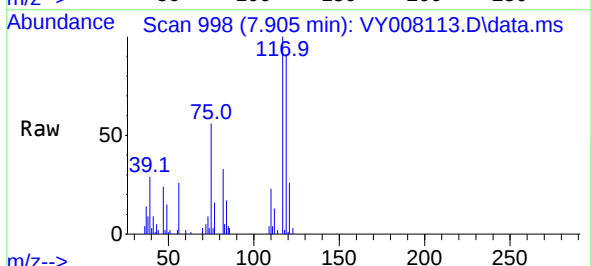
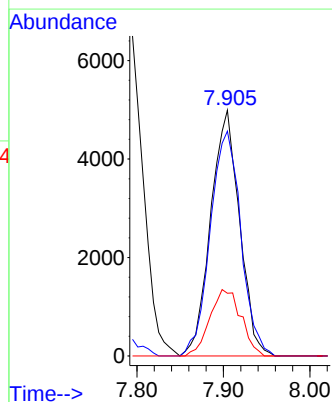
Tgt Ion: 117 Resp: 11565

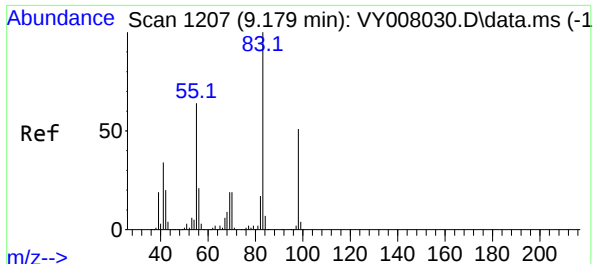
Ion Ratio Lower Upper

117 100

119 91.4 77.9 116.9

121 25.5 24.8 37.2

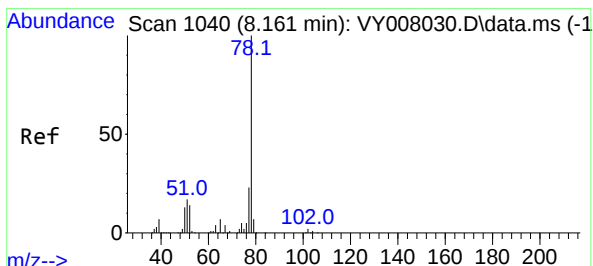
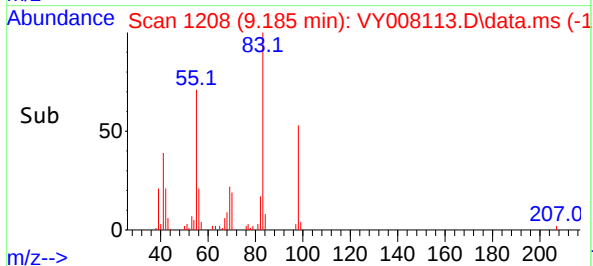
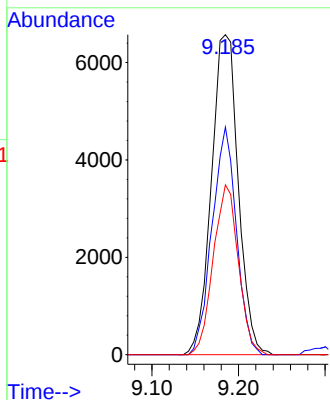
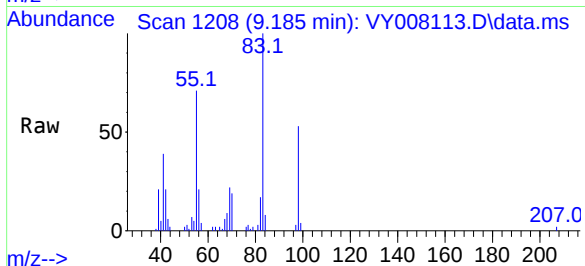




#39
Methylcyclohexane
Concen: 4.149 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

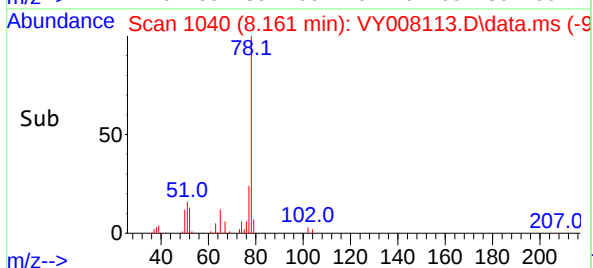
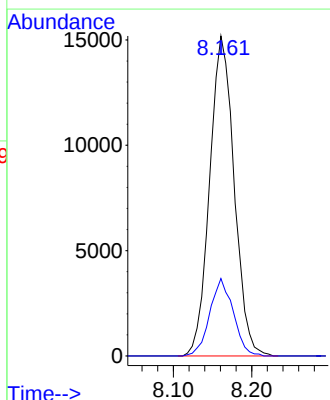
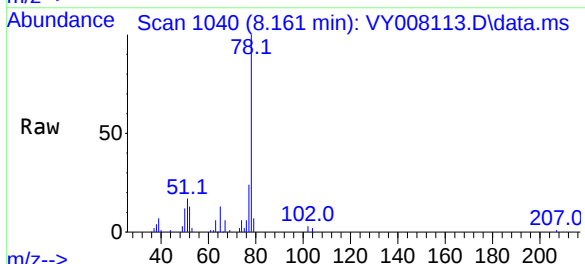
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

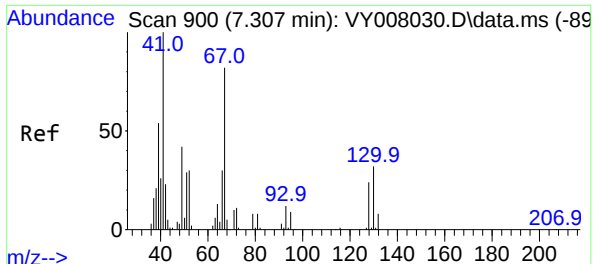
Tgt Ion: 83 Resp: 14170
Ion Ratio Lower Upper
83 100
55 71.1 66.5 99.7
98 53.1 37.9 56.9



#40
Benzene
Concen: 4.565 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 78 Resp: 33040
Ion Ratio Lower Upper
78 100
77 24.2 20.4 30.6

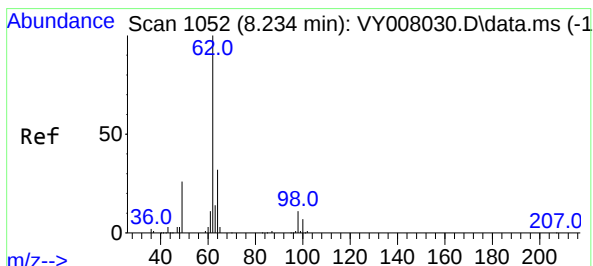
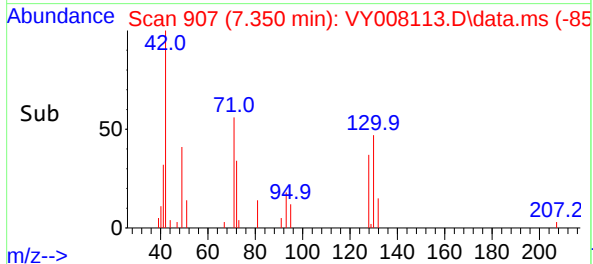
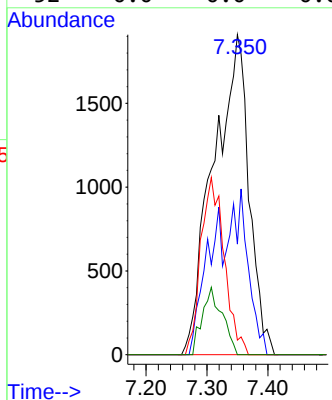
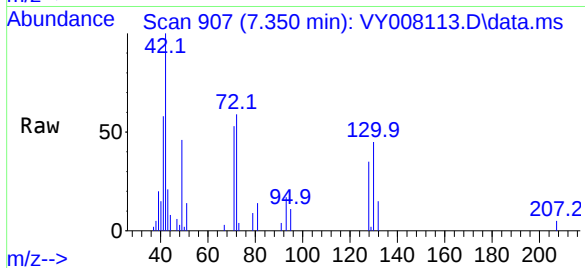




#41
Methacrylonitrile
Concen: 13.061 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

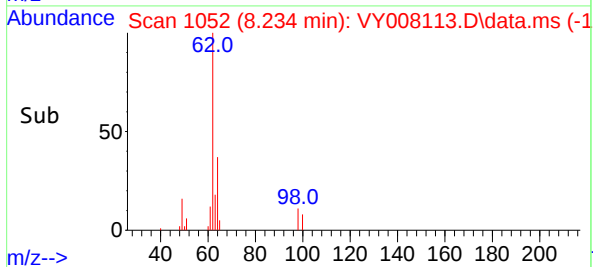
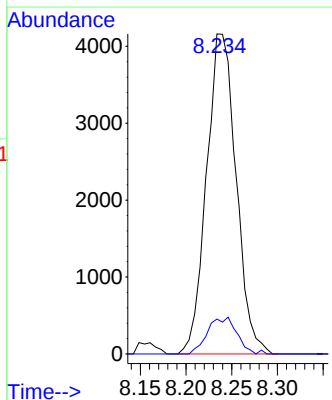
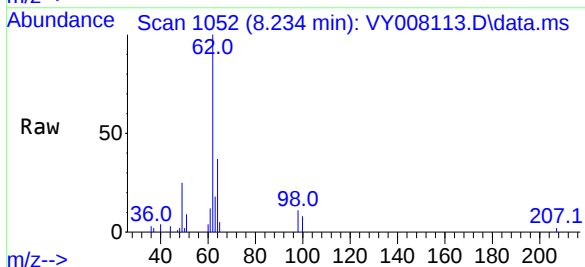
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

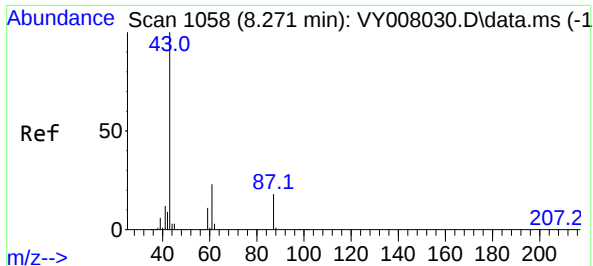
Tgt Ion:	41	Resp:	7752
Ion	Ratio	Lower	Upper
41	100		
39	2.7	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 4.609 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:	62	Resp:	9358
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	14.8

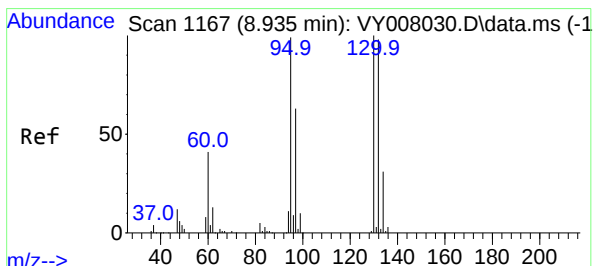
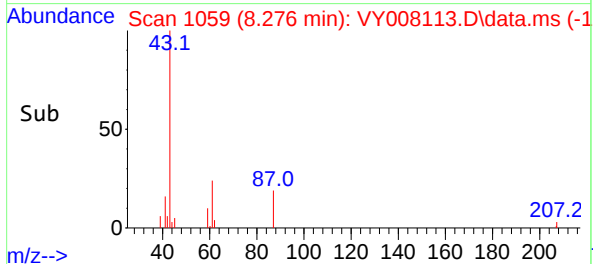
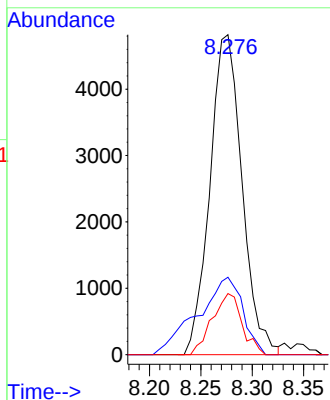
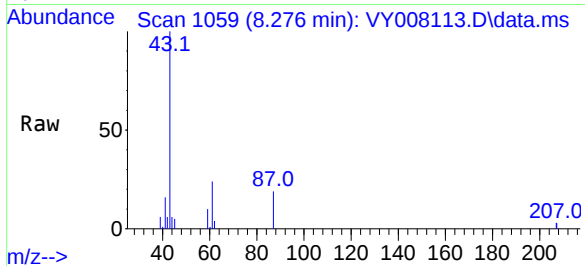




#43
Isopropyl Acetate
Concen: 4.519 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.005 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

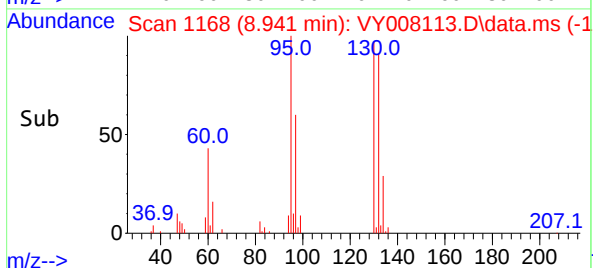
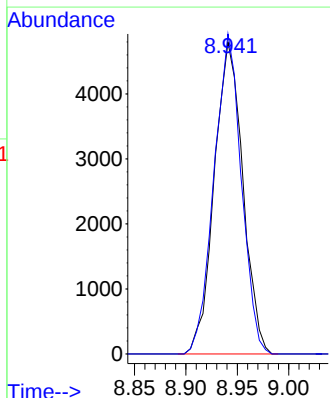
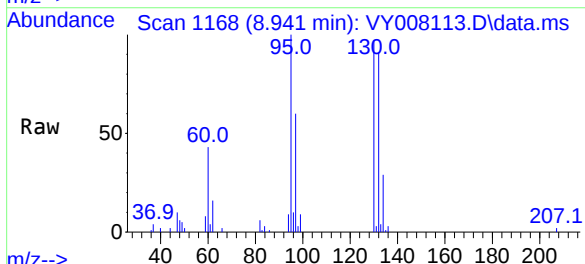
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022

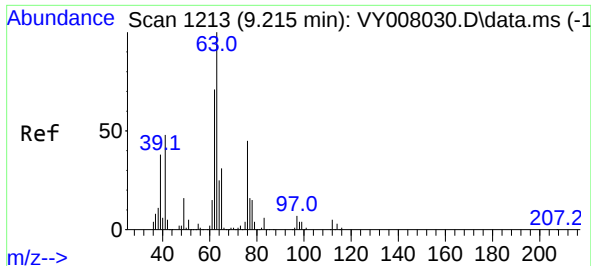
Tgt Ion: 43 Resp: 10486
Ion Ratio Lower Upper
43 100
61 34.2 20.2 30.2#
87 17.7 8.9 13.3#



#44
Trichloroethene
Concen: 4.427 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 130 Resp: 9265
Ion Ratio Lower Upper
130 100
95 102.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.635 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

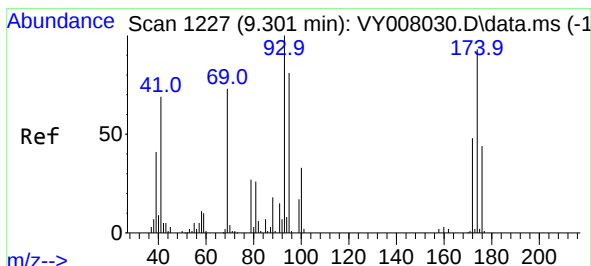
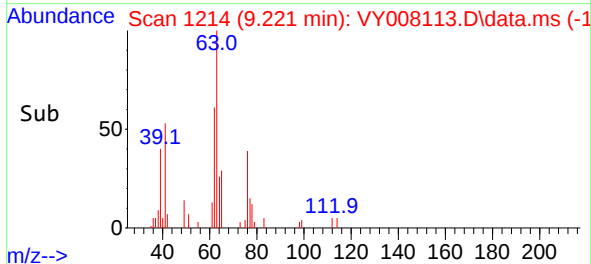
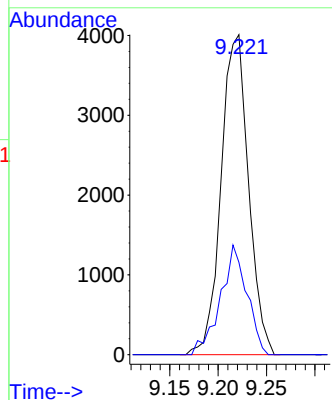
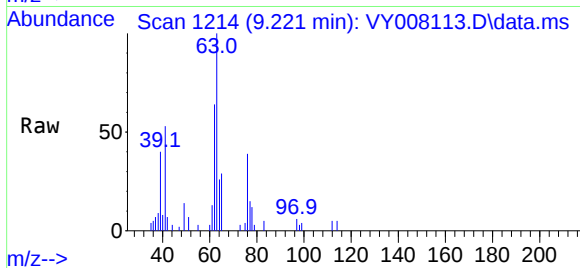
LOQ-SOIL-02-QT1-2022

Tgt Ion: 63 Resp: 7906

Ion Ratio Lower Upper

63 100

65 28.9 23.0 34.6



#46

Dibromomethane

Concen: 4.544 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

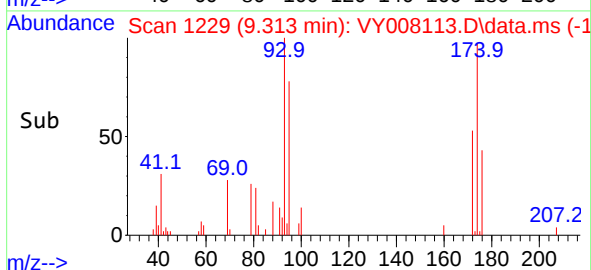
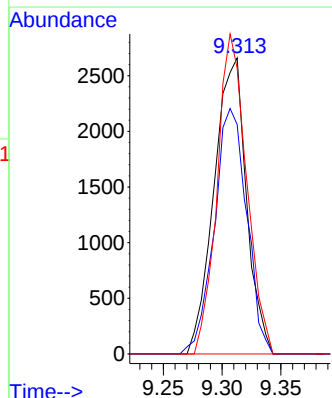
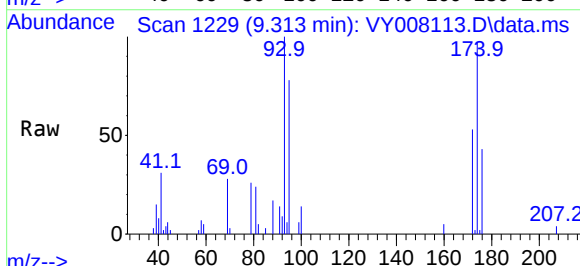
Tgt Ion: 93 Resp: 5096

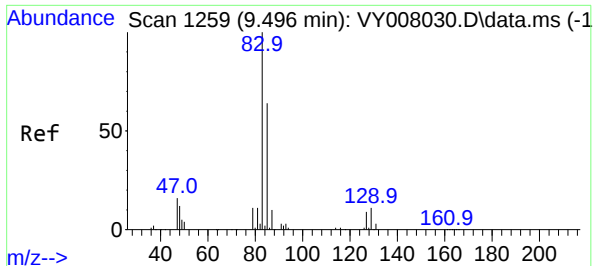
Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

174 98.2 83.4 125.0





#47

Bromodichloromethane

Concen: 4.459 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

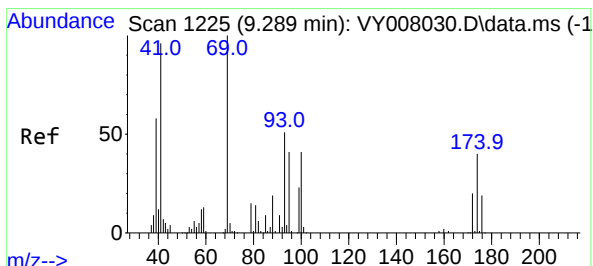
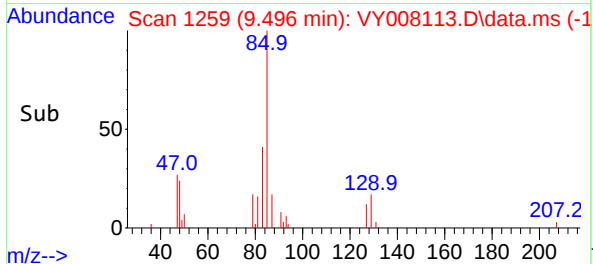
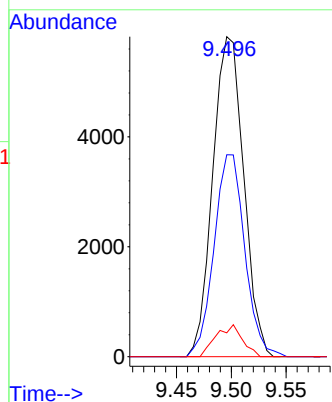
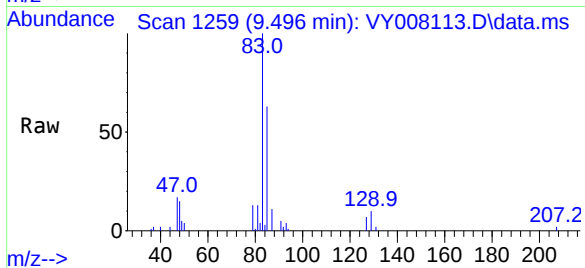
Tgt Ion: 83 Resp: 11435

Ion Ratio Lower Upper

83 100

85 63.1 51.9 77.9

127 7.4 6.6 10.0



#48

Methyl methacrylate

Concen: 4.379 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

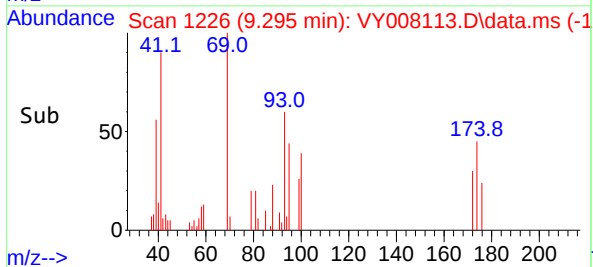
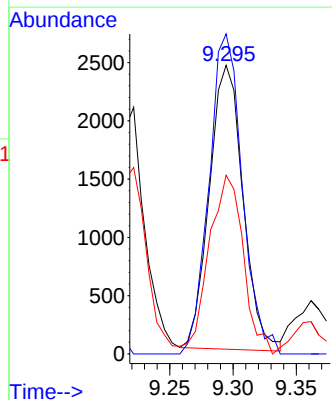
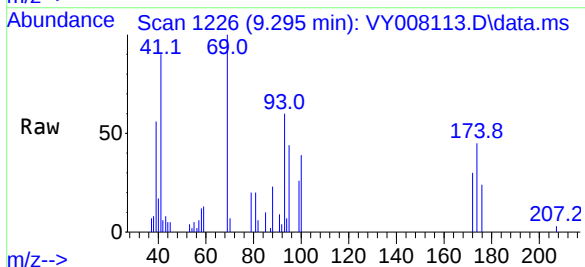
Tgt Ion: 41 Resp: 4500

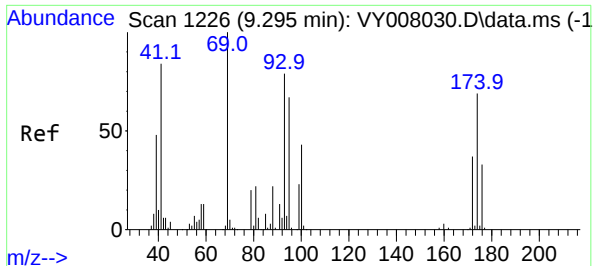
Ion Ratio Lower Upper

41 100

69 111.3 58.2 87.2#

39 64.1 47.4 71.0





#49

1,4-Dioxane

Concen: 90.475 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008113.D

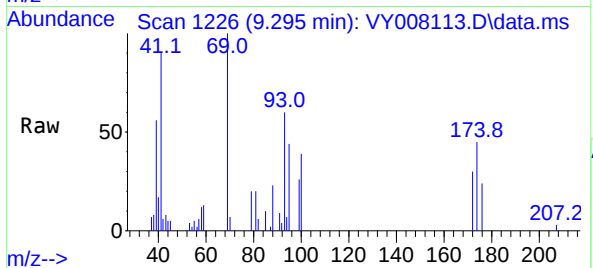
Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022



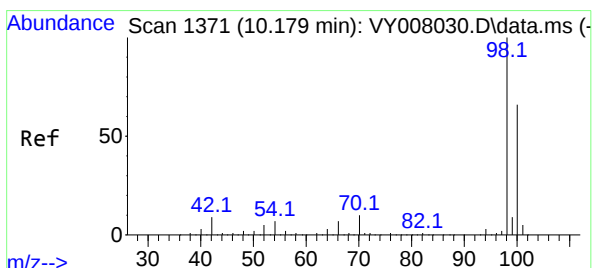
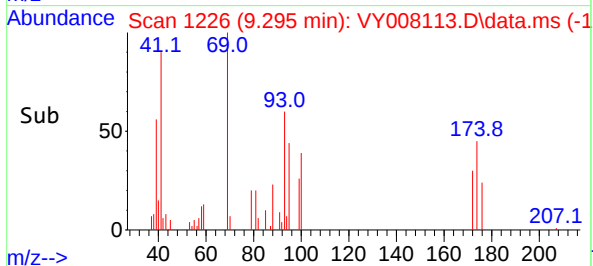
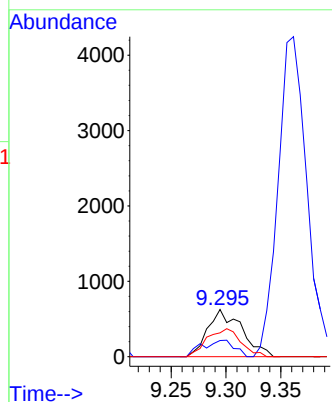
Tgt Ion: 88 Resp: 1349

Ion Ratio Lower Upper

88 100

43 32.9 32.8 49.2

58 58.8 59.8 89.6#



#50

Toluene-d8

Concen: 4.870 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008113.D

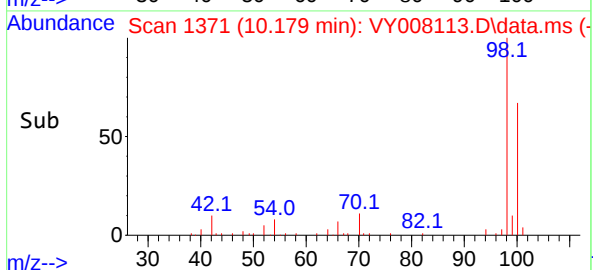
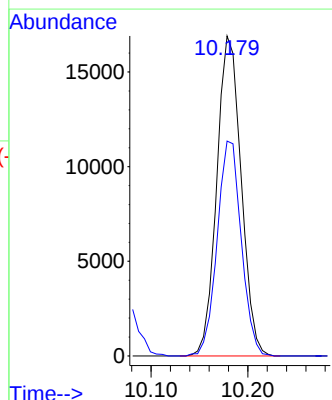
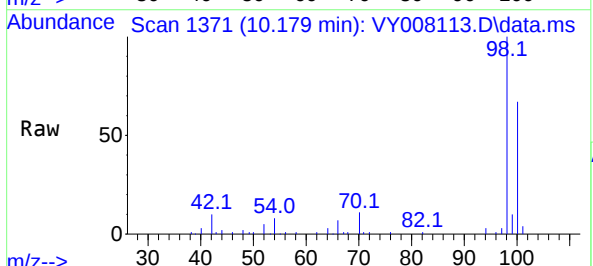
Acq: 30 Mar 2022 16:27

Tgt Ion: 98 Resp: 29553

Ion Ratio Lower Upper

98 100

100 66.5 50.2 75.2

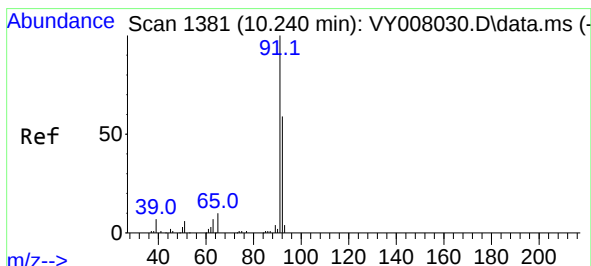
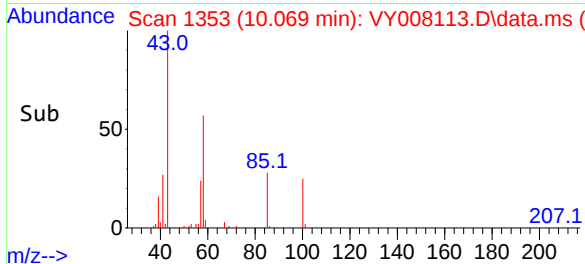
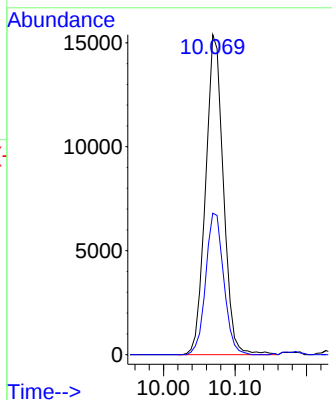
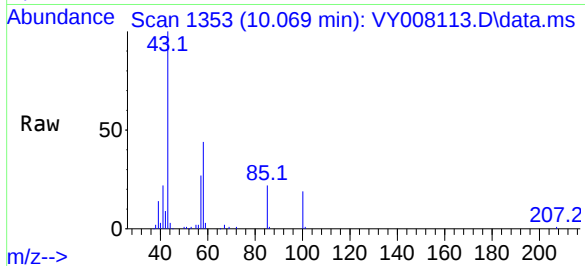




#51
4-Methyl-2-Pentanone
Concen: 22.700 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

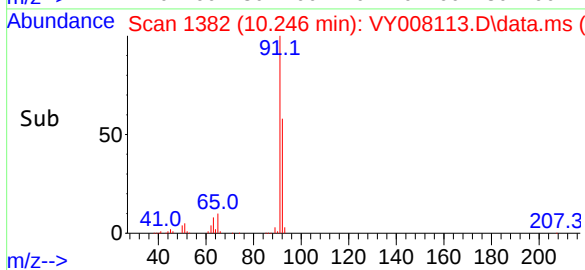
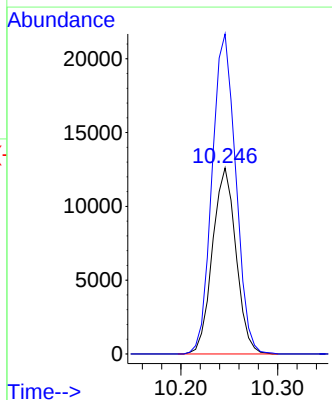
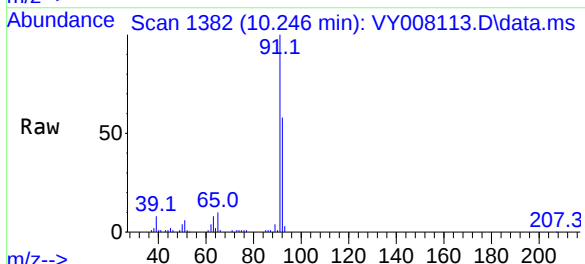
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

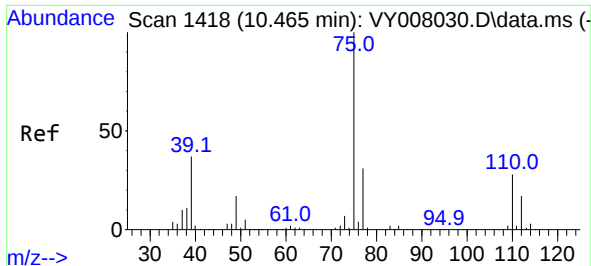
Tgt Ion: 43 Resp: 26566
Ion Ratio Lower Upper
43 100
58 44.8 28.1 42.1#



#52
Toluene
Concen: 4.479 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 92 Resp: 21260
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8

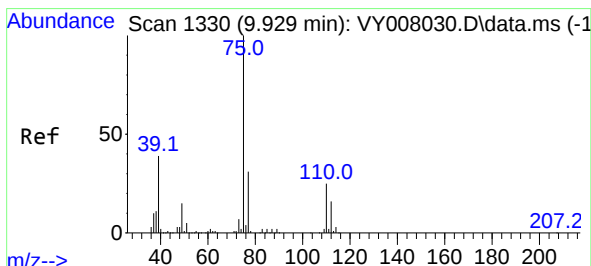
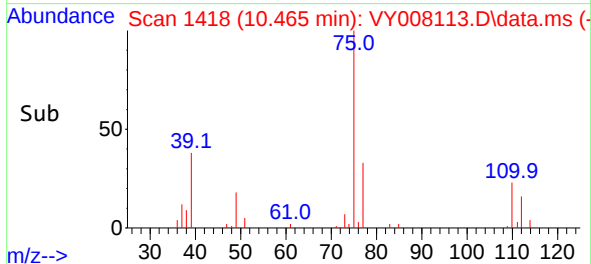
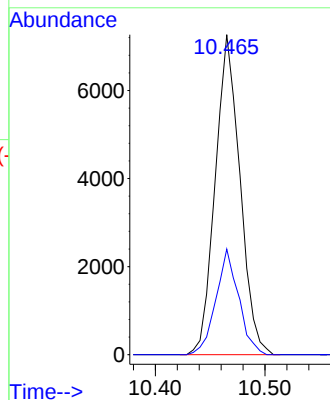
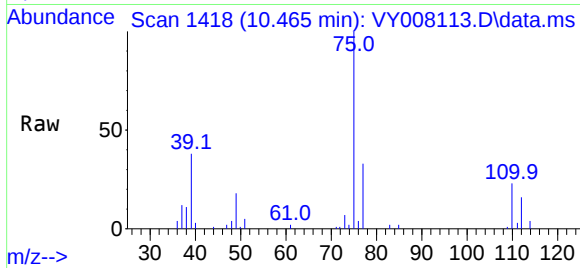




#53
t-1,3-Dichloropropene
Concen: 4.333 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

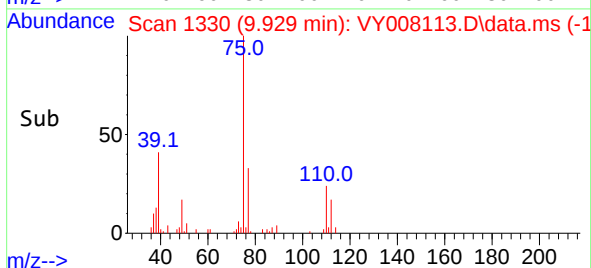
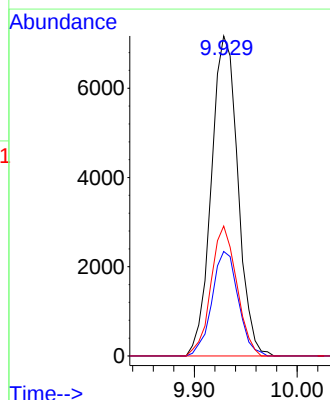
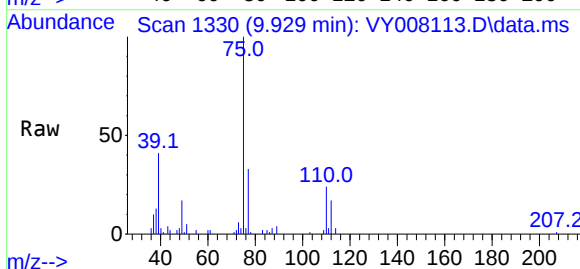
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion: 75 Resp: 11392
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.313 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 75 Resp: 12837
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
39 40.6 47.6 71.4#

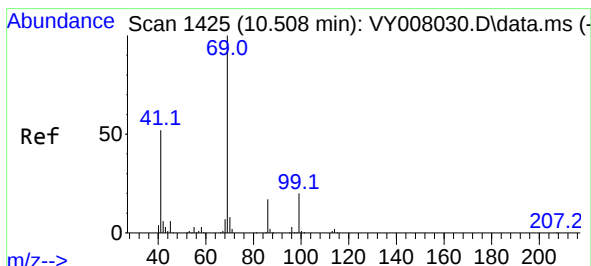
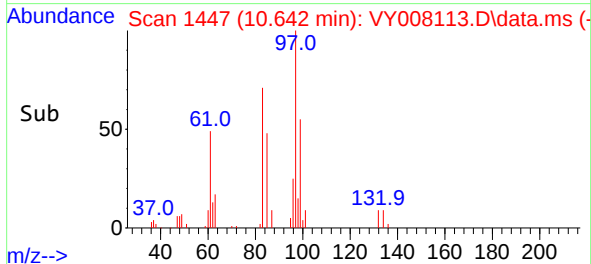
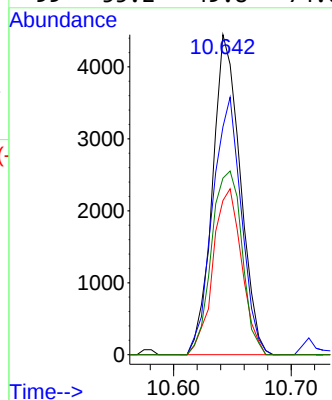
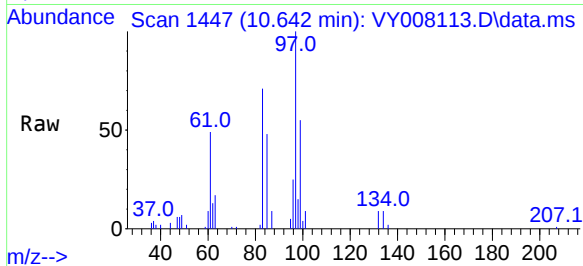




#55
1,1,2-Trichloroethane
Concen: 4.712 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

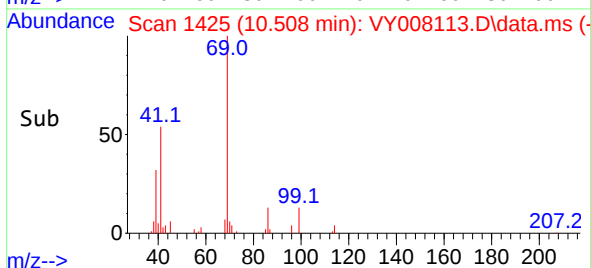
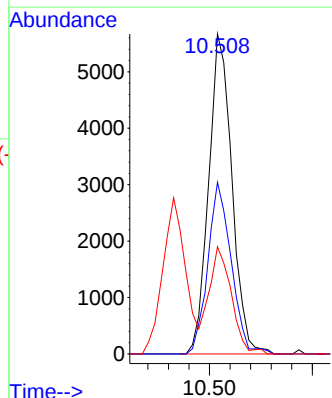
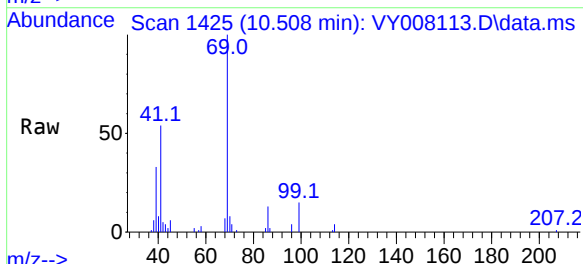
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022

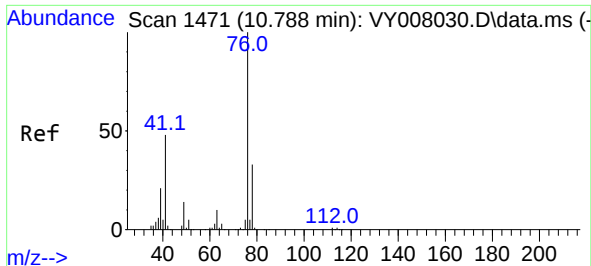
Tgt Ion: 97	Resp: 7297
Ion Ratio	Lower Upper
97 100	
83 71.1	69.8 104.8
85 48.1	44.3 66.5
99 55.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.421 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 69	Resp: 8931
Ion Ratio	Lower Upper
69 100	
41 53.9	63.4 95.0#
39 32.3	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 4.628 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

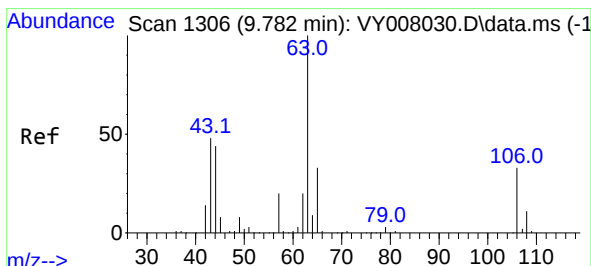
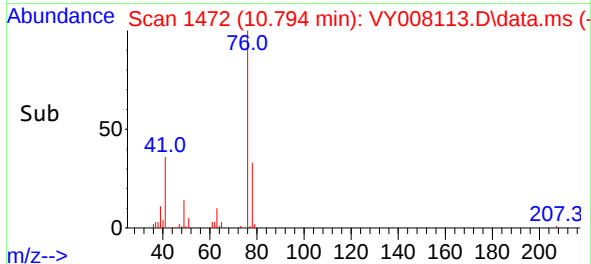
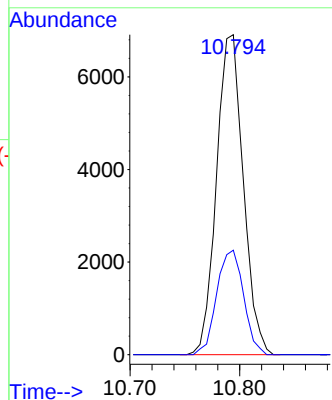
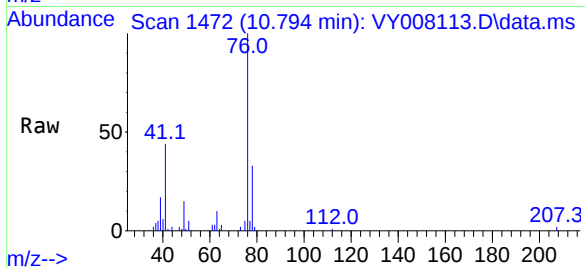
LOQ-SOIL-02-QT1-2022

Tgt Ion: 76 Resp: 11730

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 26.487 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008113.D

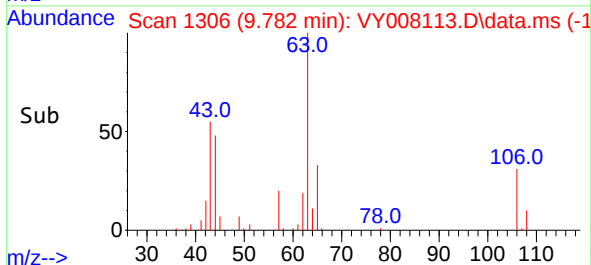
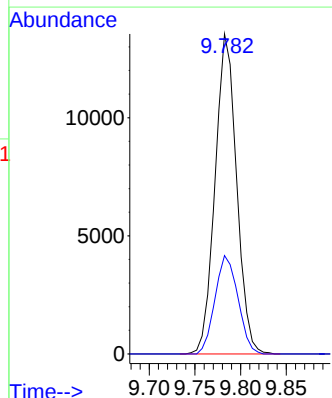
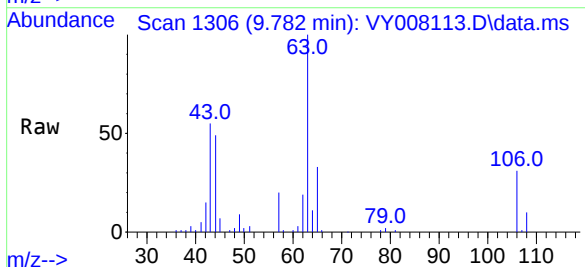
Acq: 30 Mar 2022 16:27

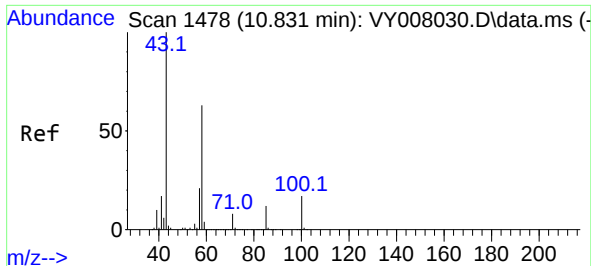
Tgt Ion: 63 Resp: 22170

Ion Ratio Lower Upper

63 100

106 32.8 21.5 32.3#

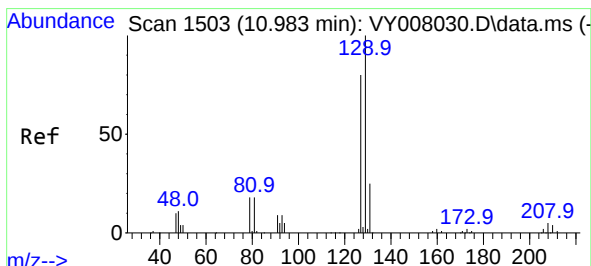
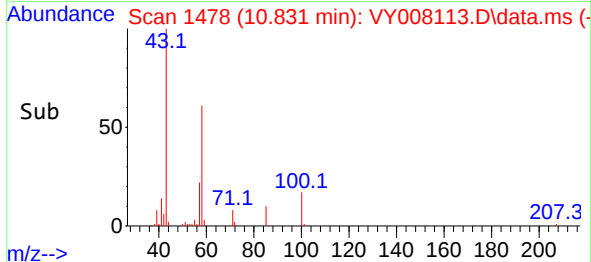
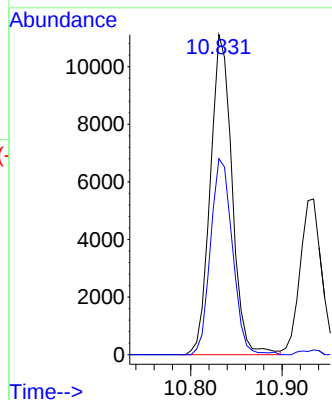
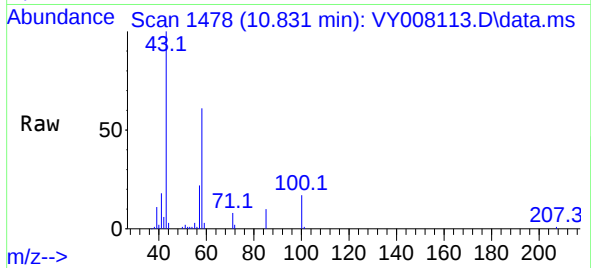




#59
2-Hexanone
Concen: 22.358 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

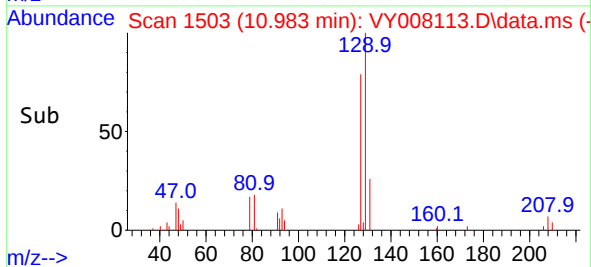
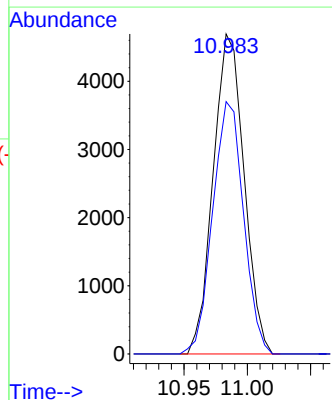
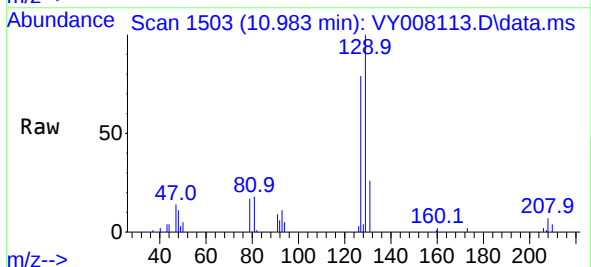
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

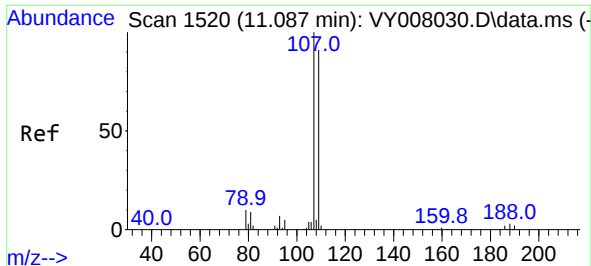
Tgt Ion: 43 Resp: 18310
Ion Ratio Lower Upper
43 100
58 61.9 24.4 73.4



#60
Dibromochloromethane
Concen: 4.228 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 129 Resp: 7964
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1

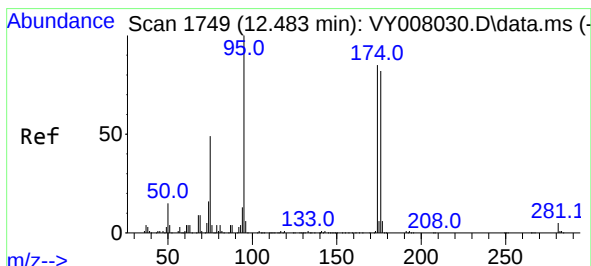
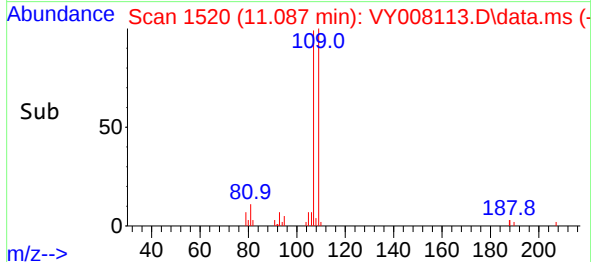
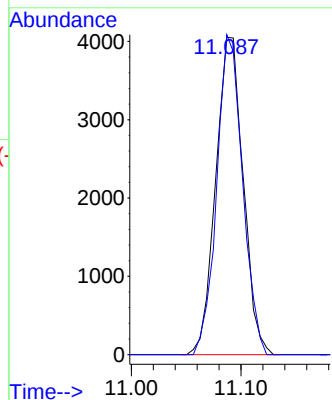
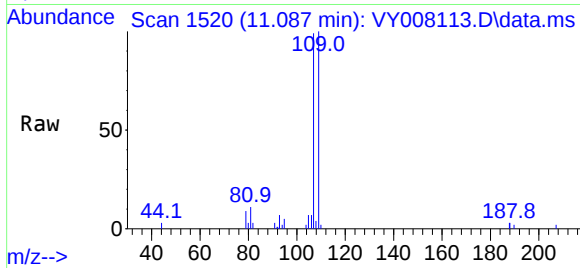




#61
1,2-Dibromoethane
Concen: 4.576 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

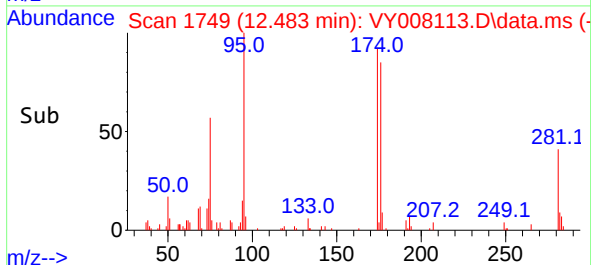
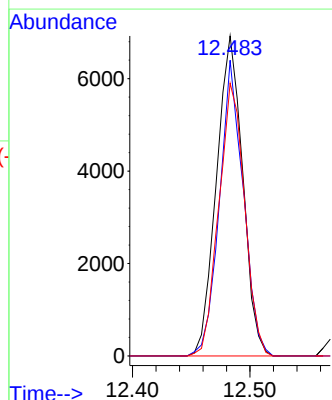
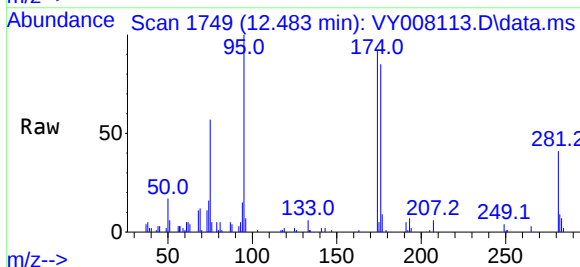
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:107 Resp: 7058
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 95 Resp: 10746
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 83.4 0.0 175.8

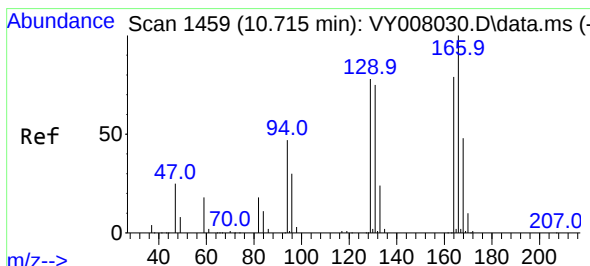
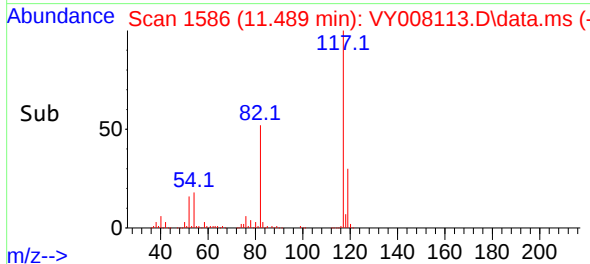
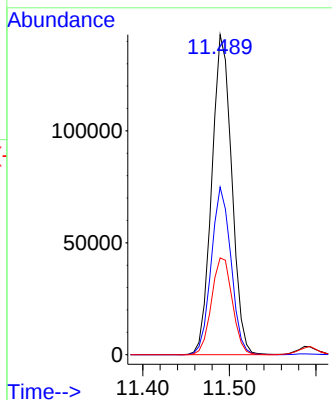
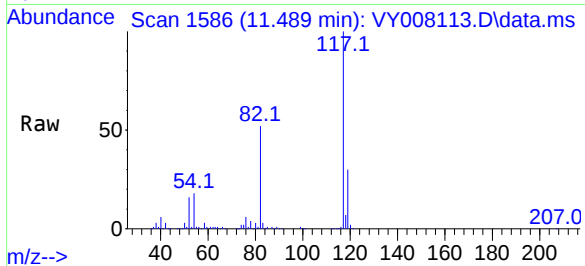




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

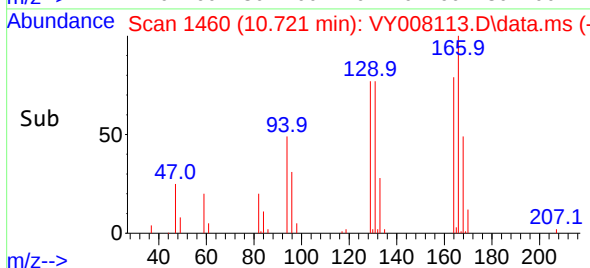
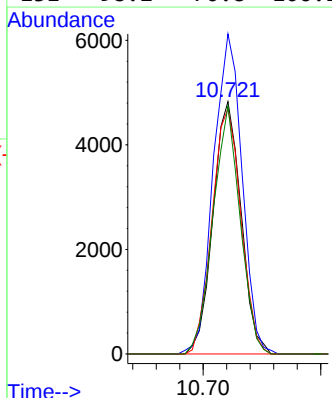
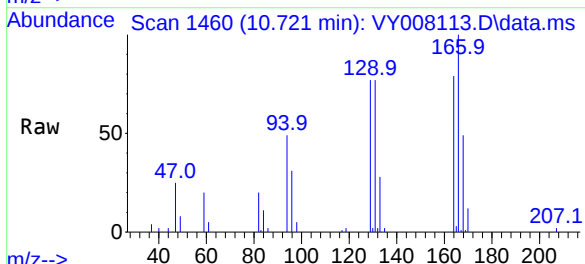
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

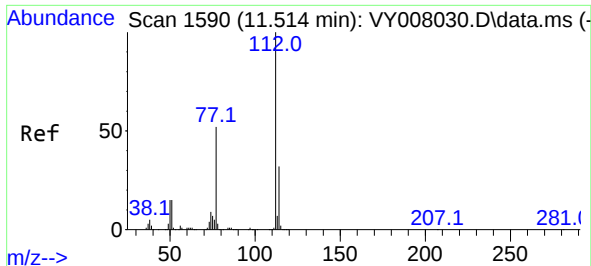
Tgt Ion:	117	Resp:	229079
Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.4
119	30.2	25.4	38.0



#64
Tetrachloroethene
Concen: 4.537 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:	164	Resp:	7983
Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.4	150.6
129	97.4	71.4	107.0
131	98.2	70.8	106.2

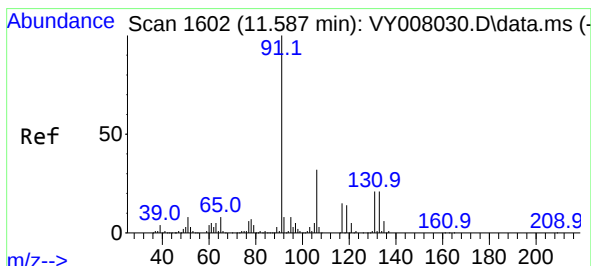
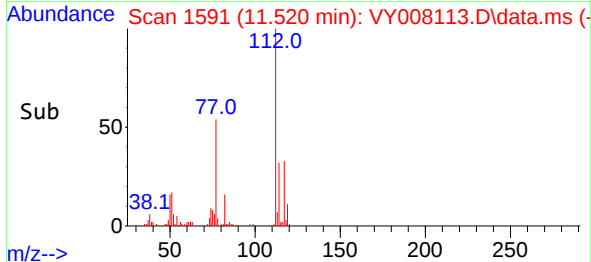
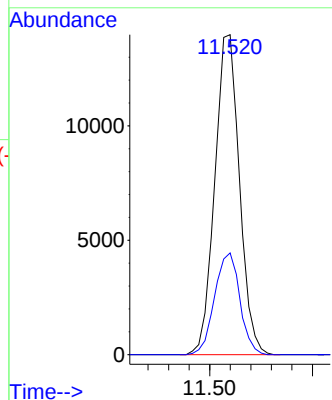
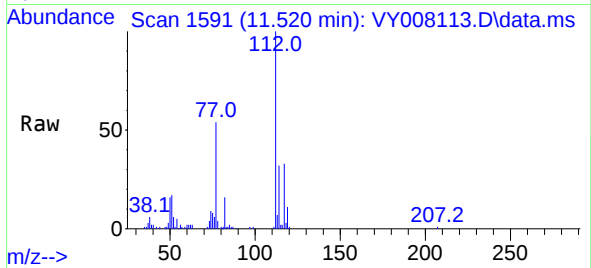




#65
Chlorobenzene
Concen: 4.502 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

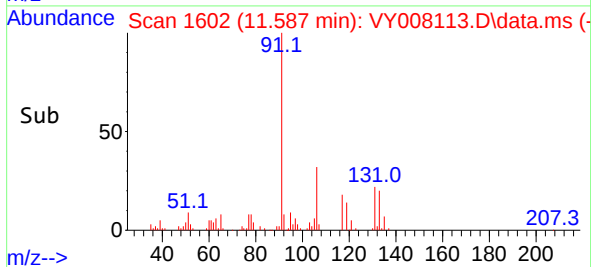
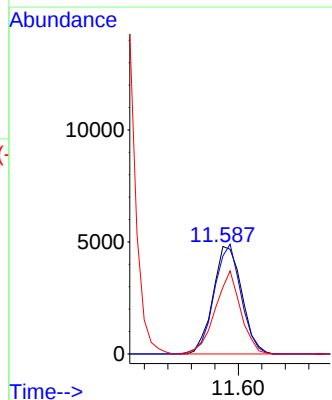
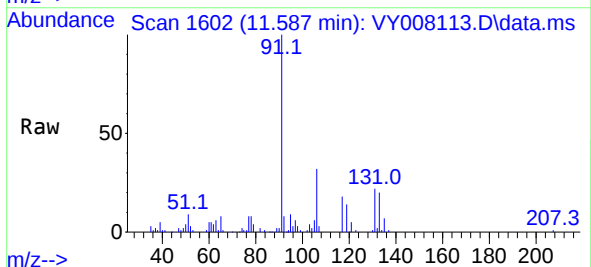
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

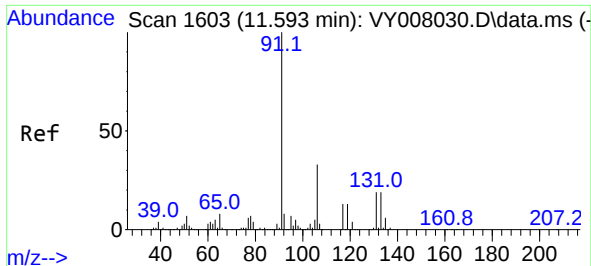
Tgt Ion:112 Resp: 23254
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.292 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:131 Resp: 8178
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 68.3 30.8 92.3





#67

Ethyl Benzene

Concen: 4.504 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

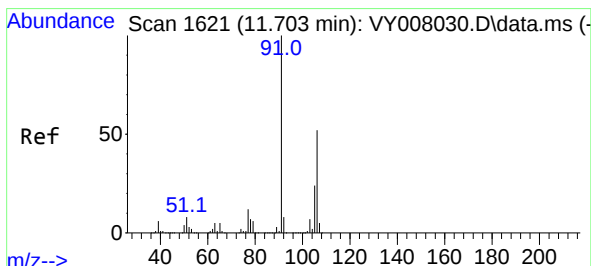
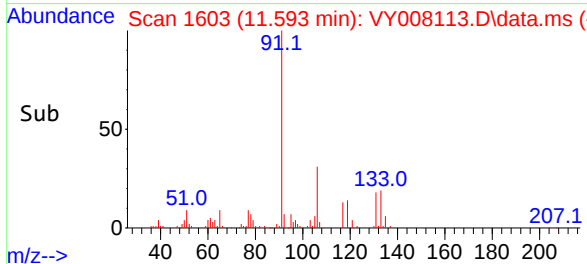
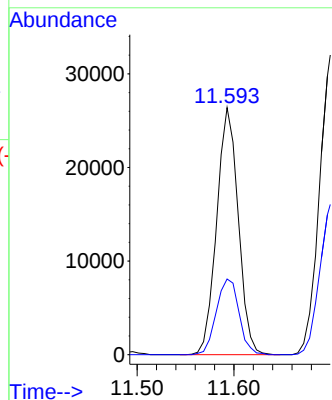
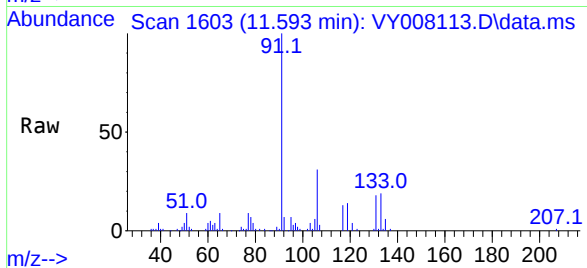
LOQ-SOIL-02-QT1-2022

Tgt Ion: 91 Resp: 40778

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 8.945 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008113.D

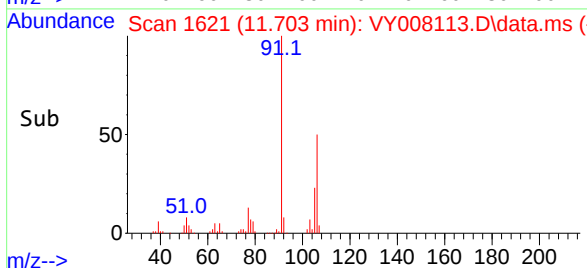
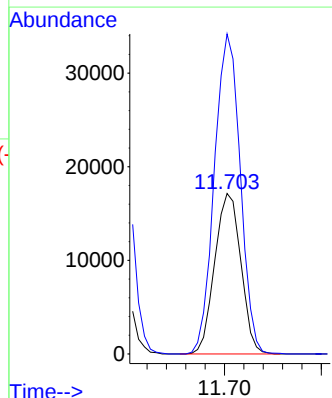
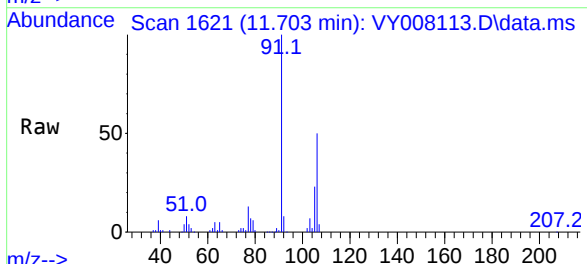
Acq: 30 Mar 2022 16:27

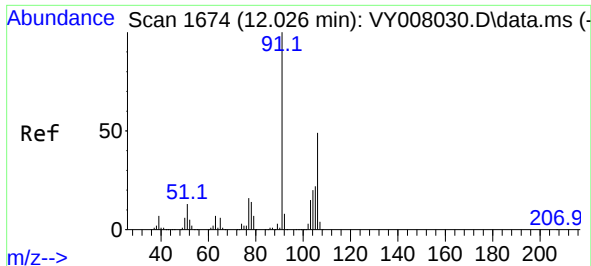
Tgt Ion:106 Resp: 32202

Ion Ratio Lower Upper

106 100

91 197.3 166.6 249.8

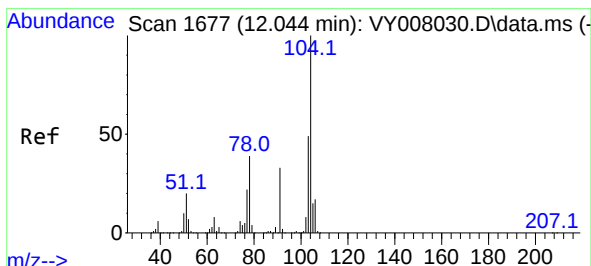
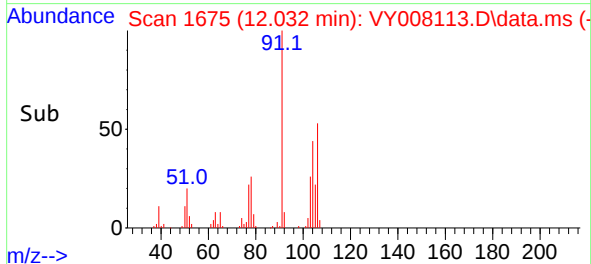
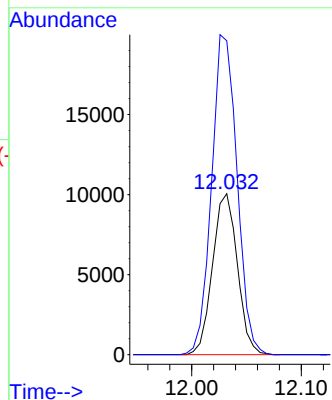
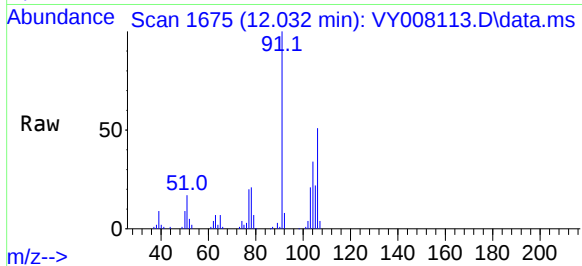




#69
o-Xylene
Concen: 4.591 ug/l
RT: 12.032 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

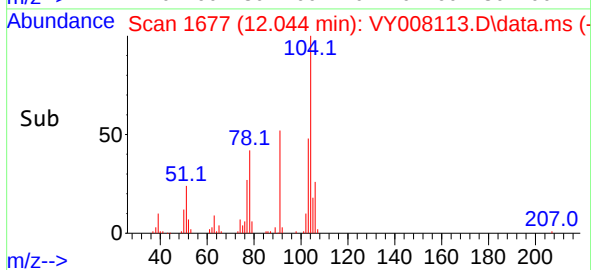
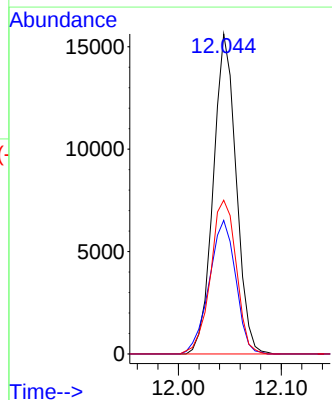
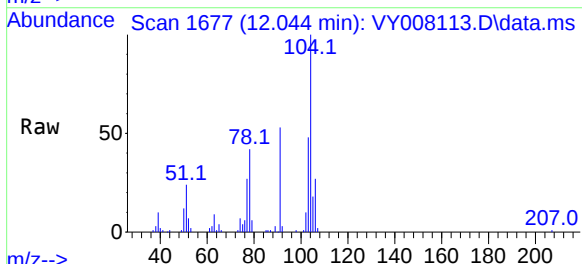
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

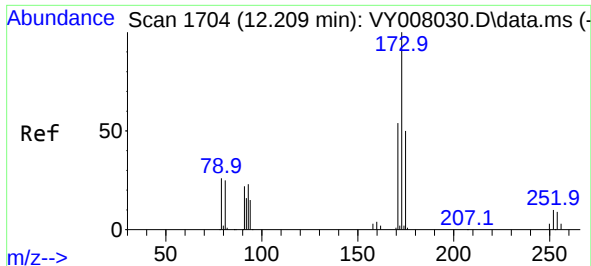
Tgt Ion:106 Resp: 15825
Ion Ratio Lower Upper
106 100
91 203.6 110.3 331.0



#70
Styrene
Concen: 4.281 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:104 Resp: 24154
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 54.0 44.4 66.6

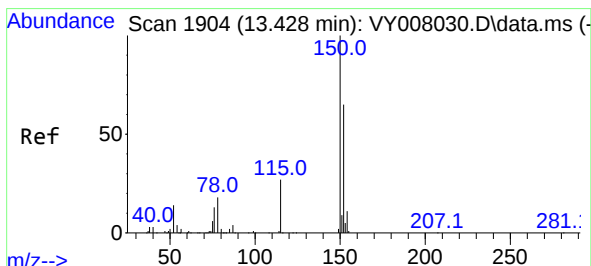
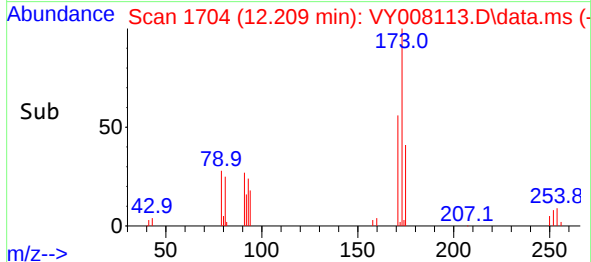
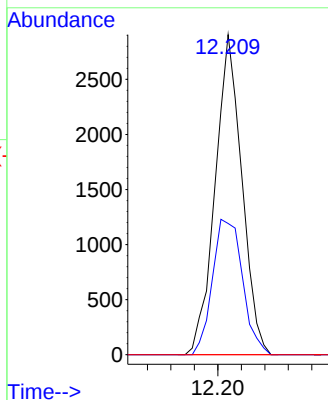
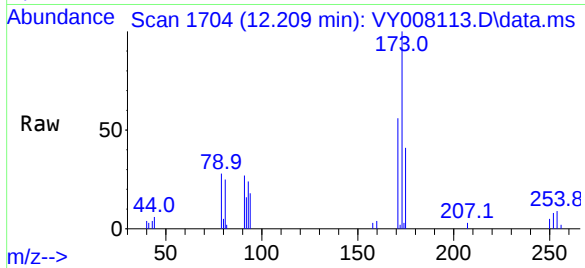




#71
Bromoform
Concen: 3.992 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

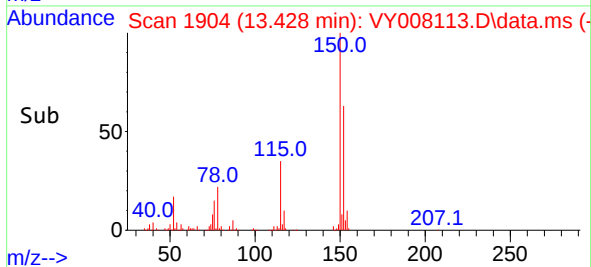
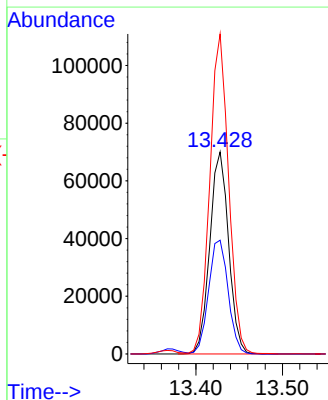
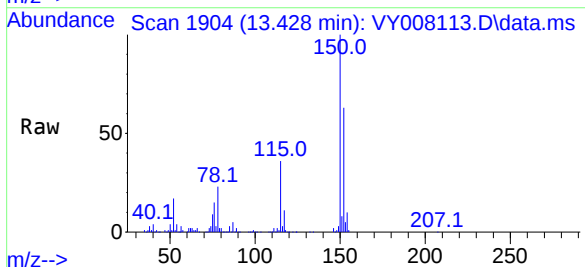
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:173 Resp: 4592
Ion Ratio Lower Upper
173 100
175 47.5 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:152 Resp: 105556
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 158.5 0.0 347.6

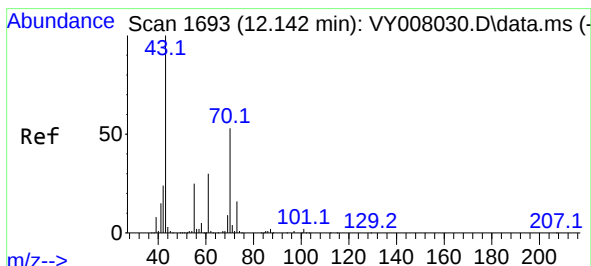
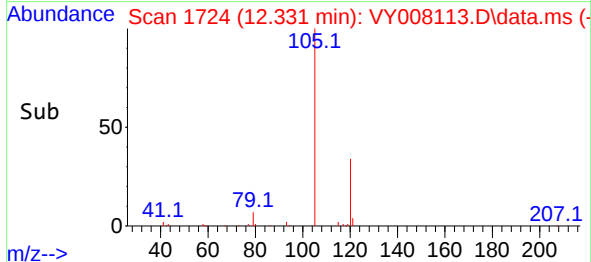
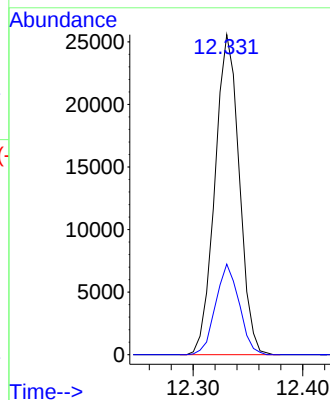
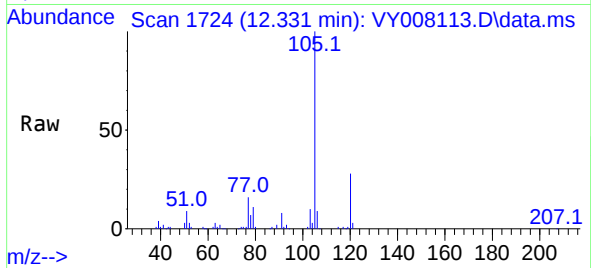




#73
Isopropylbenzene
Concen: 4.535 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

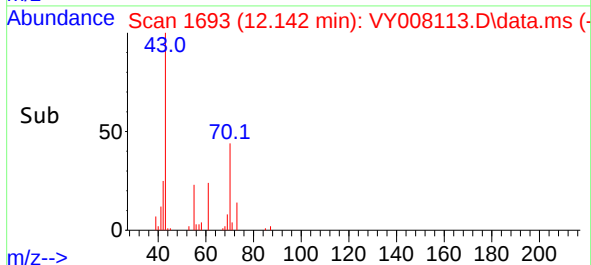
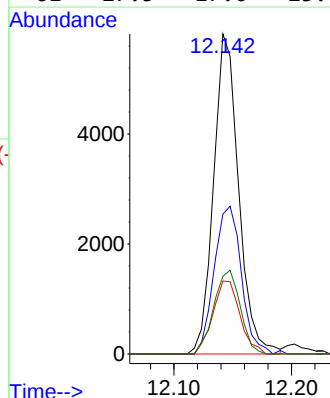
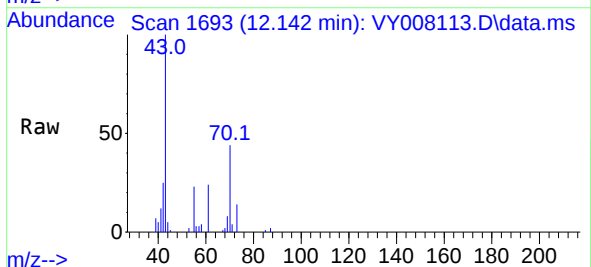
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

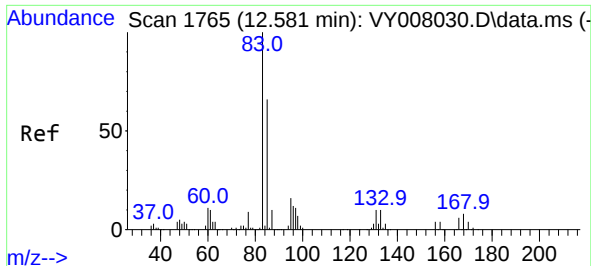
Tgt Ion:105 Resp: 39510
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 4.490 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 43 Resp: 8600
Ion Ratio Lower Upper
43 100
70 50.3 28.7 43.1#
55 24.8 17.3 25.9
61 27.5 17.0 25.6#

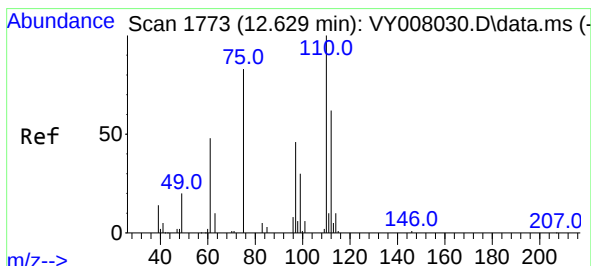
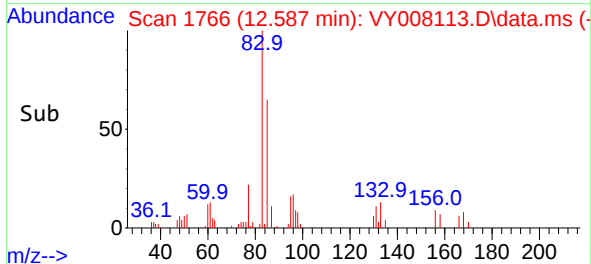
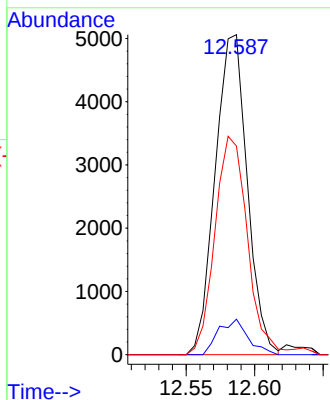
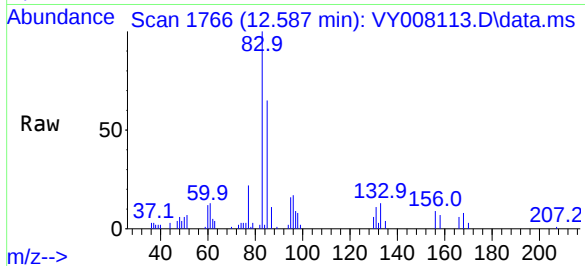




#75
1,1,2,2-Tetrachloroethane
Concen: 4.864 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

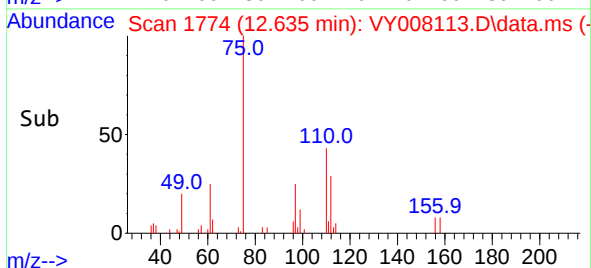
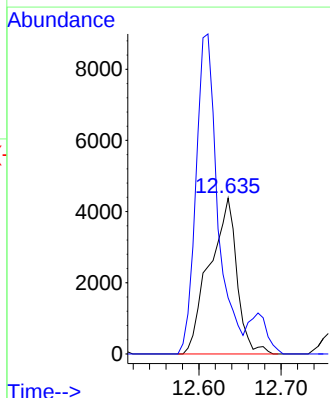
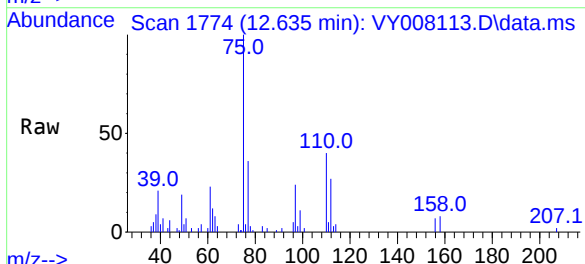
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

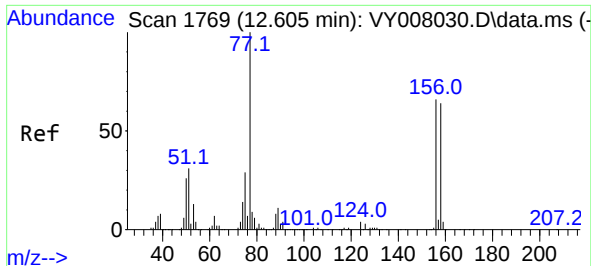
Tgt Ion: 83	Resp:	8237
Ion Ratio	Lower	Upper
83	100	
131	10.2	5.6 16.8
85	69.0	32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 7.901 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 75	Resp:	10166
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0 0.0

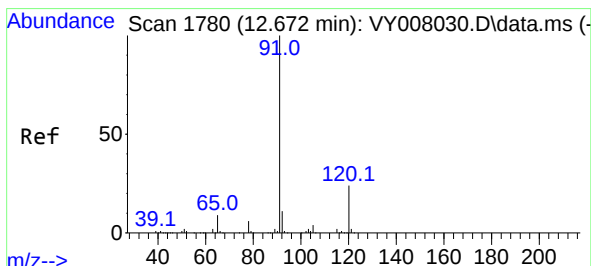
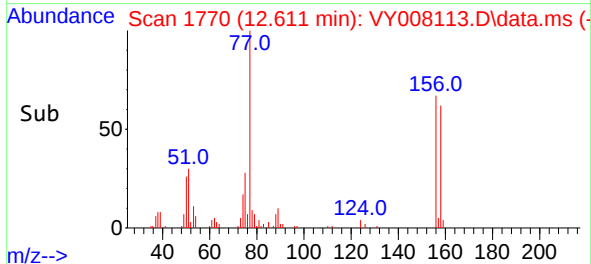
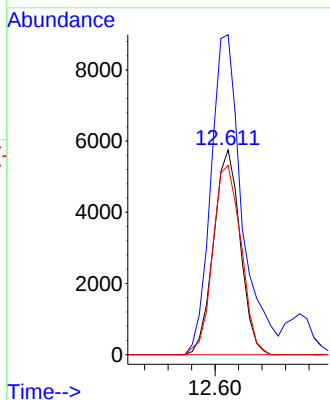
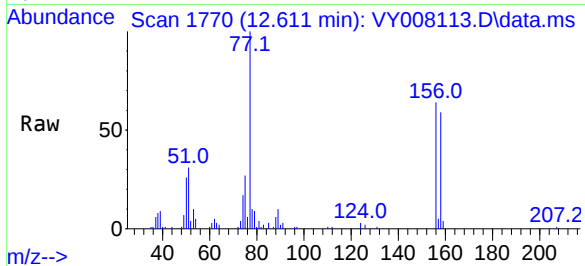




#77
Bromobenzene
Concen: 4.536 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

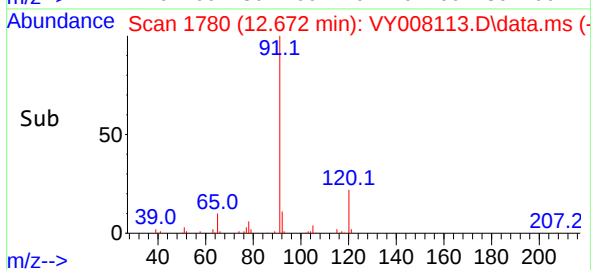
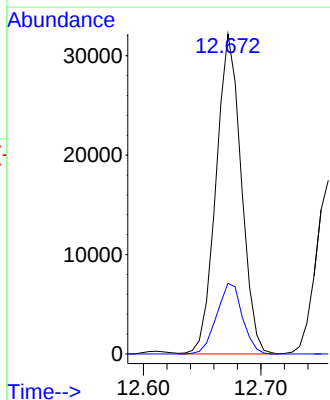
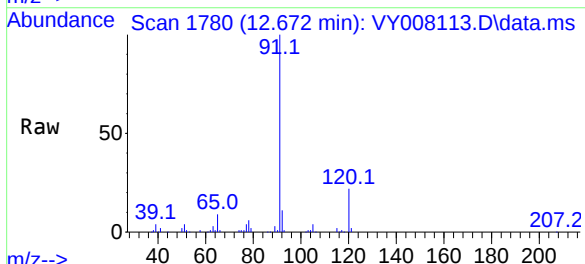
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:156 Resp: 9066
Ion Ratio Lower Upper
156 100
77 182.4 95.5 286.4
158 98.1 48.0 144.0



#78
n-propylbenzene
Concen: 4.662 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 91 Resp: 47912
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

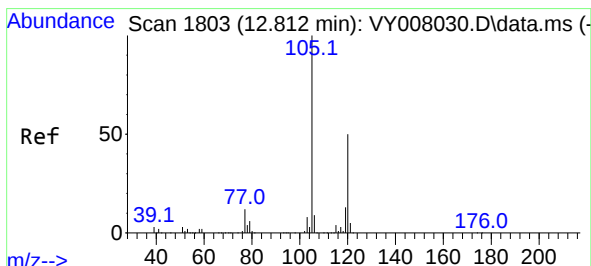
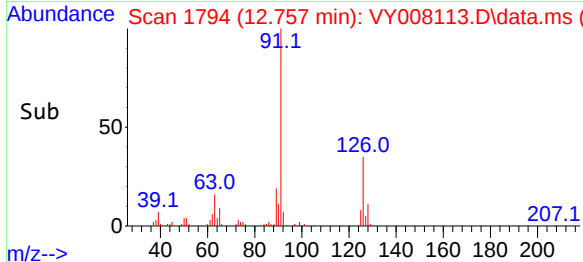
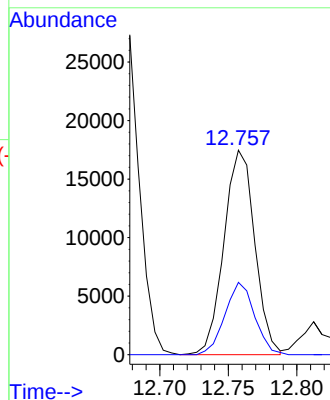
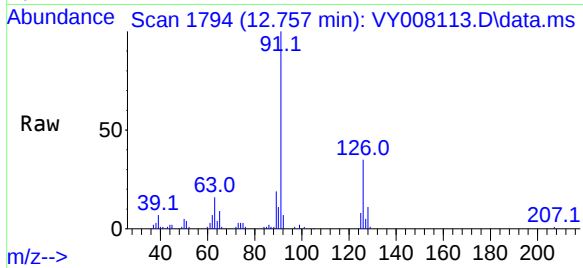




#79
2-Chlorotoluene
Concen: 4.801 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

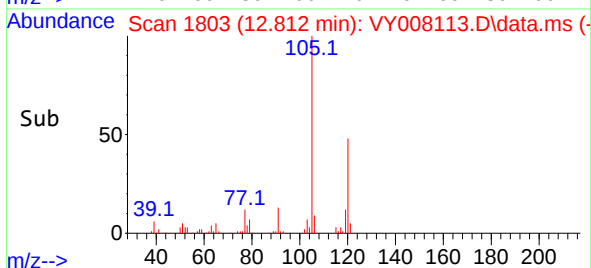
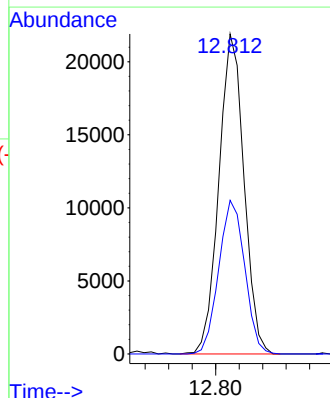
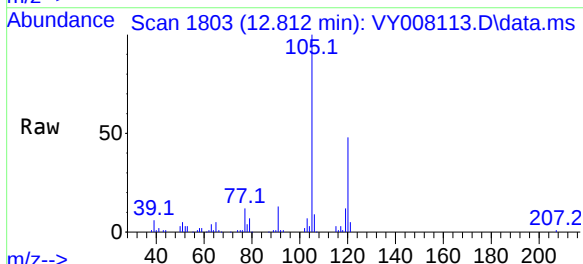
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

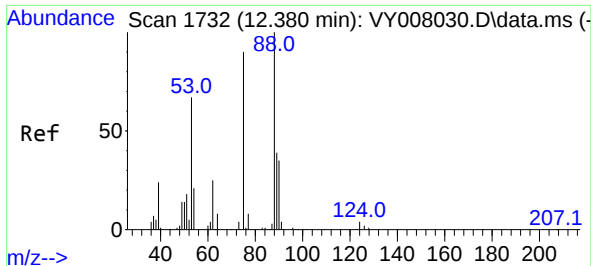
Tgt Ion: 91 Resp: 27373
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.551 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 105 Resp: 32482
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4

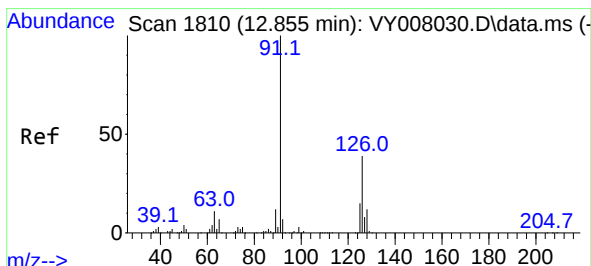
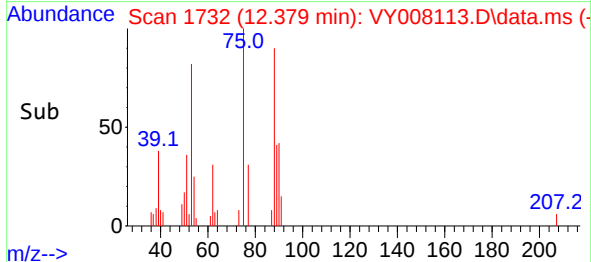
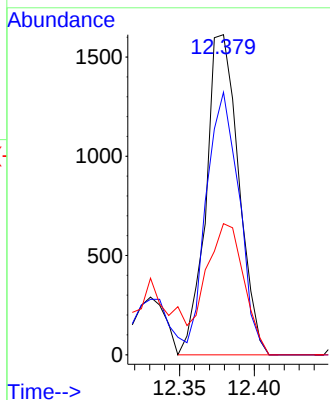
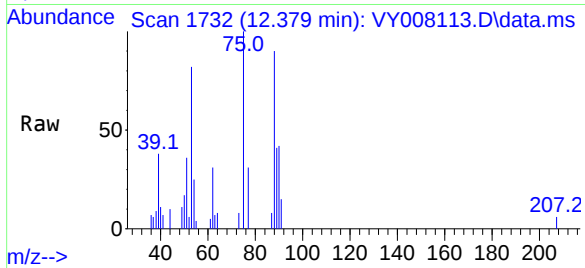




#81
trans-1,4-Dichloro-2-butene
Concen: 4.255 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

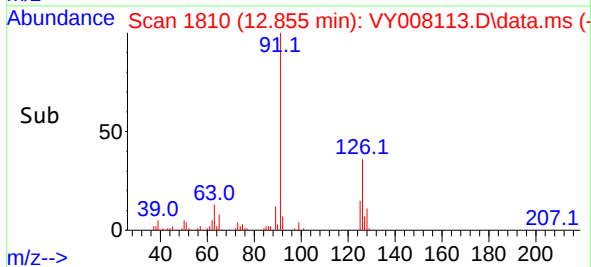
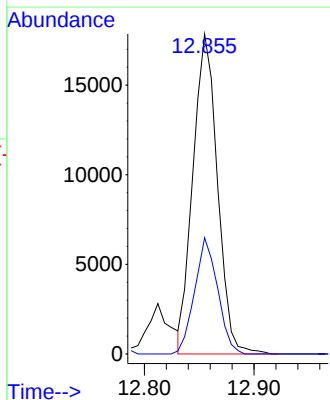
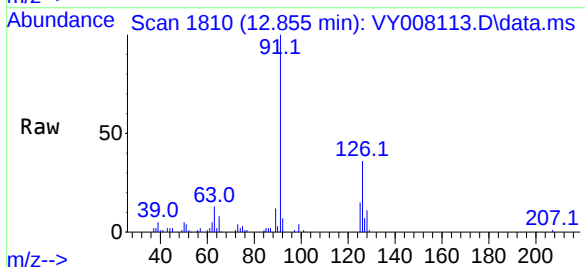
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

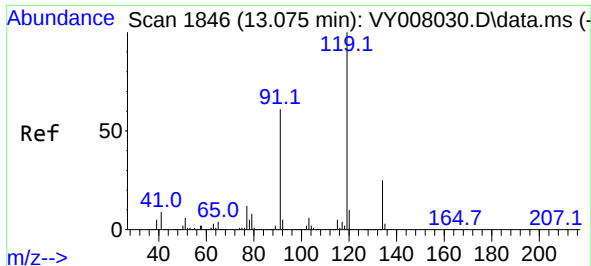
Tgt Ion: 75 Resp: 2454
Ion Ratio Lower Upper
75 100
53 82.0 85.3 127.9#
89 47.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.735 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 91 Resp: 27697
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

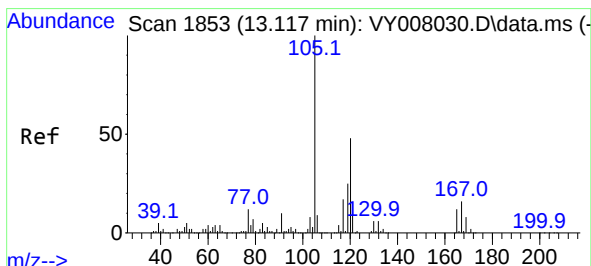
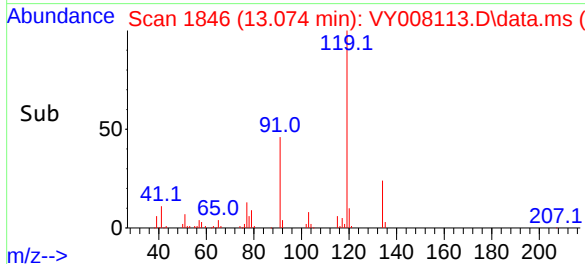
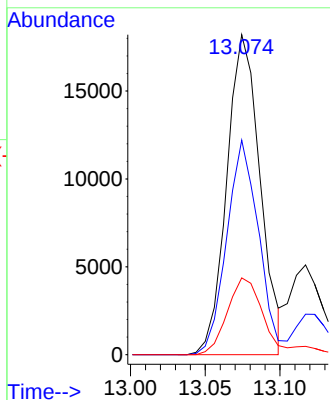
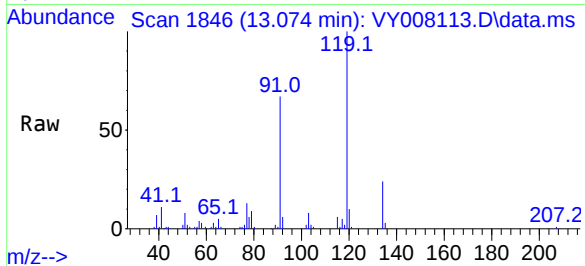




#83
tert-Butylbenzene
Concen: 4.444 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

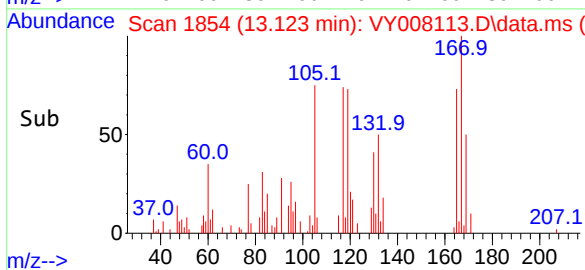
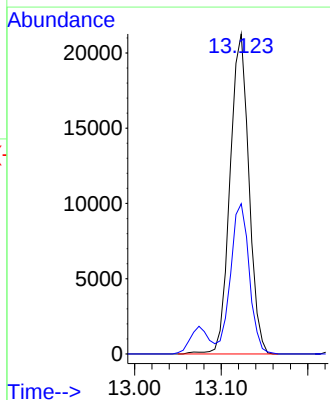
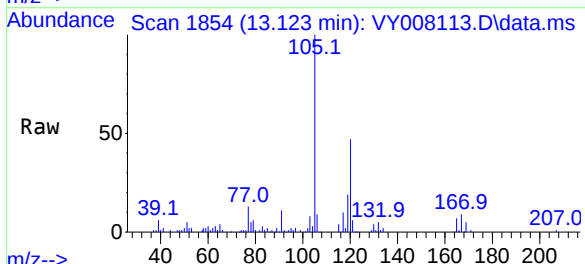
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022

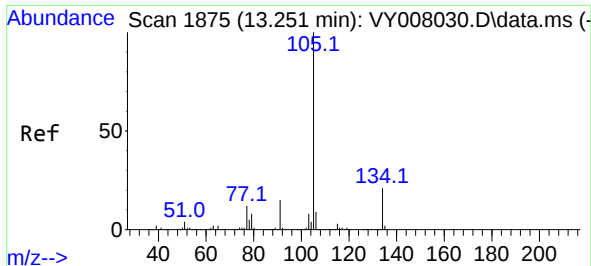
Tgt Ion:	119	Resp:	28257
Ion	Ratio	Lower	Upper
119	100		
91	64.6	34.8	104.4
134	27.1	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.620 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:	105	Resp:	32114
Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.3	66.9

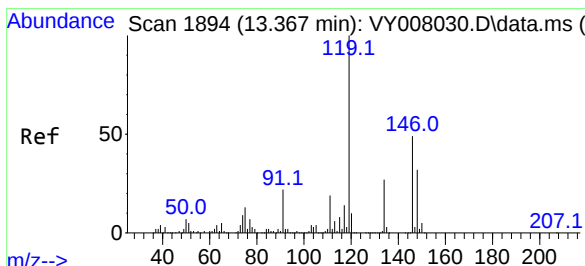
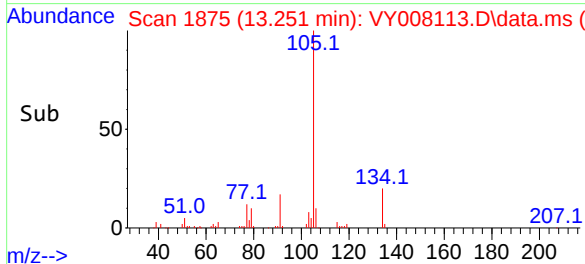
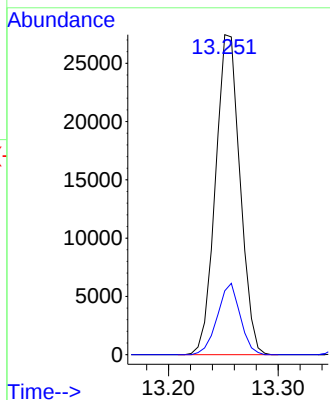
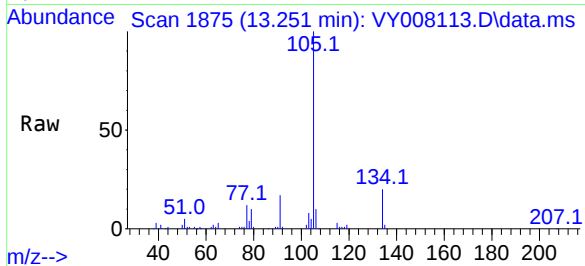




#85
 sec-Butylbenzene
 Concen: 4.550 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

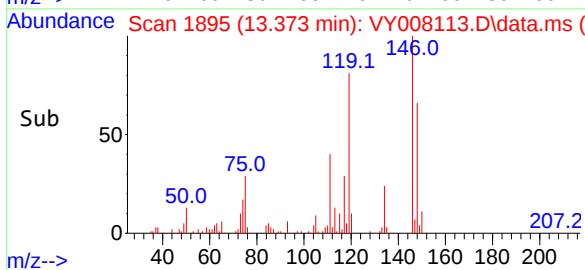
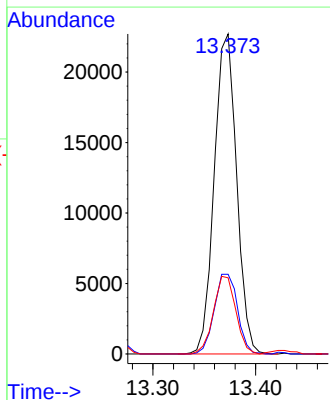
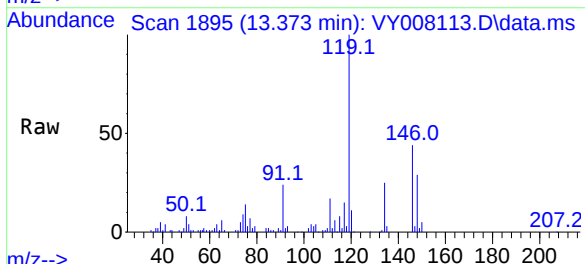
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

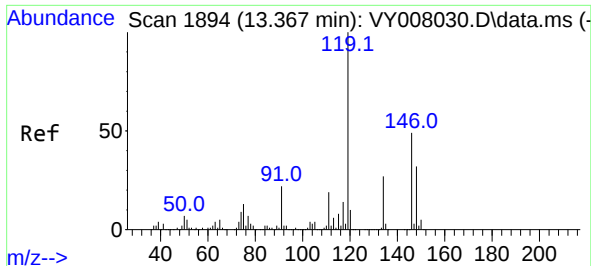
Tgt Ion:105 Resp: 42706
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 4.383 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

Tgt Ion:119 Resp: 34240
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.538 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

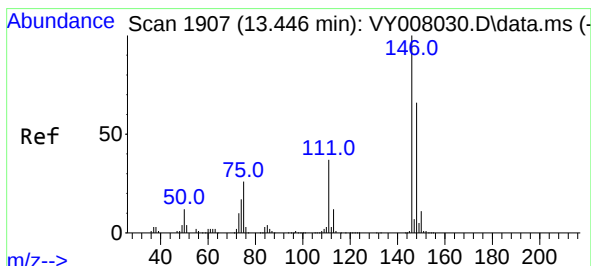
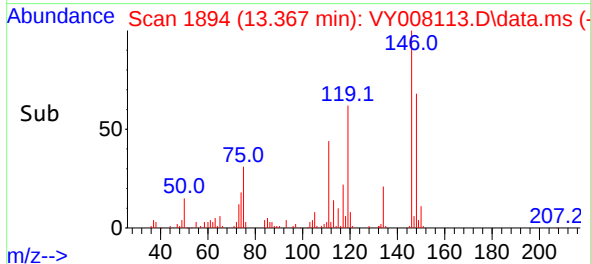
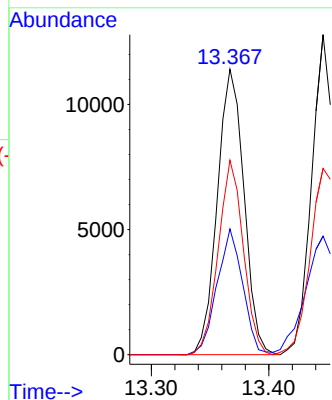
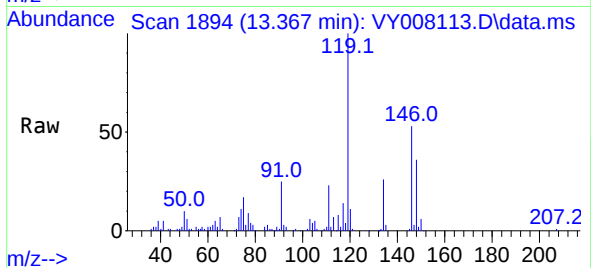
Tgt Ion:146 Resp: 17983

Ion Ratio Lower Upper

146 100

111 42.6 19.5 58.5

148 64.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 4.650 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

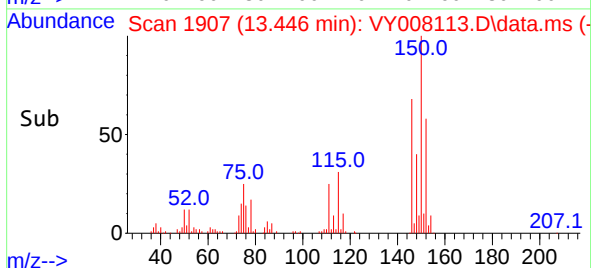
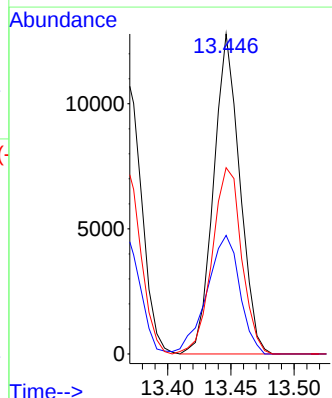
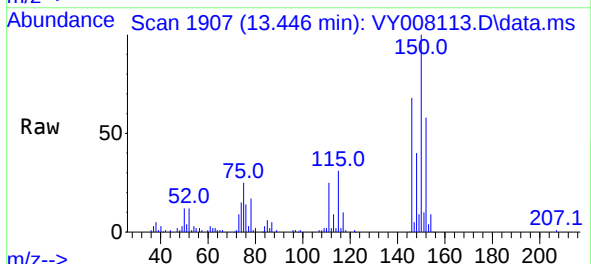
Tgt Ion:146 Resp: 18376

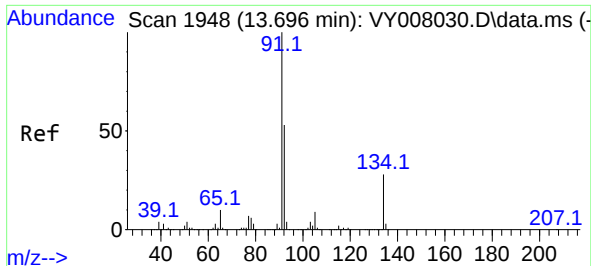
Ion Ratio Lower Upper

146 100

111 46.5 19.3 57.8

148 65.6 32.6 97.8





#89

n-Butylbenzene

Concen: 4.562 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

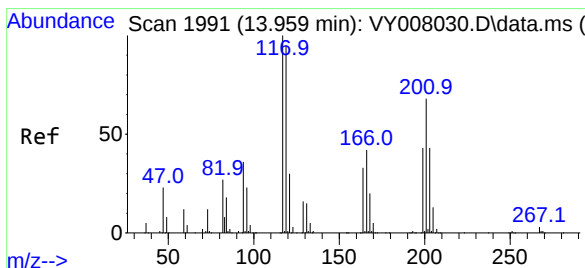
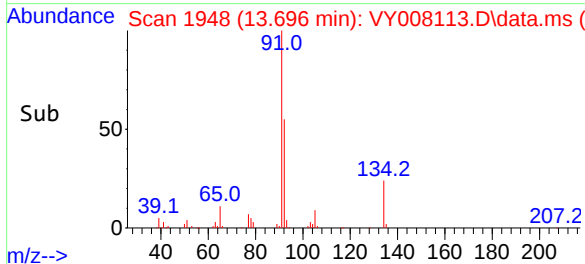
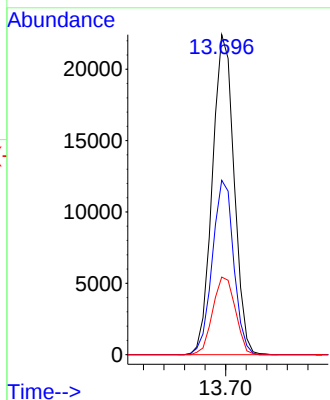
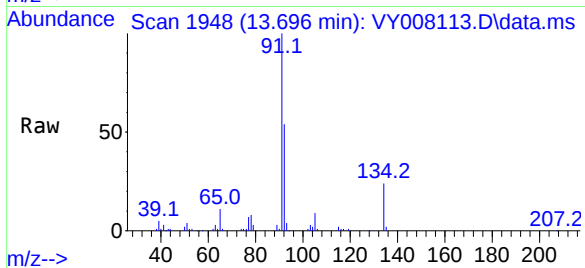
Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:	91	Resp:	32790
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.3	78.9
134	25.3	13.0	38.9



#90

Hexachloroethane

Concen: 4.395 ug/l

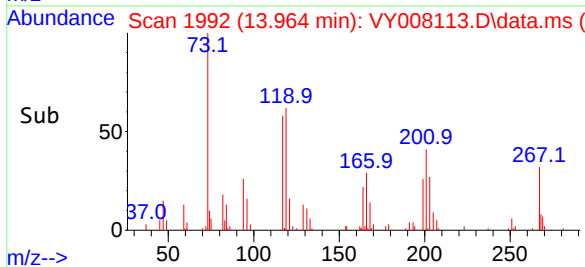
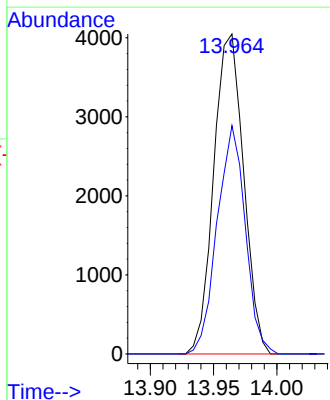
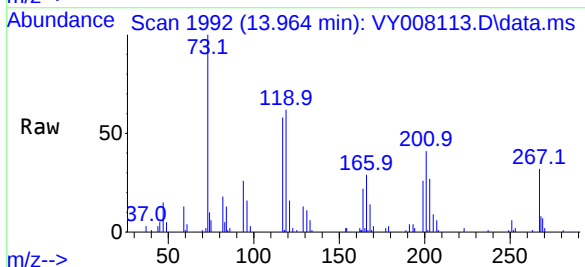
RT: 13.964 min Scan# 1992

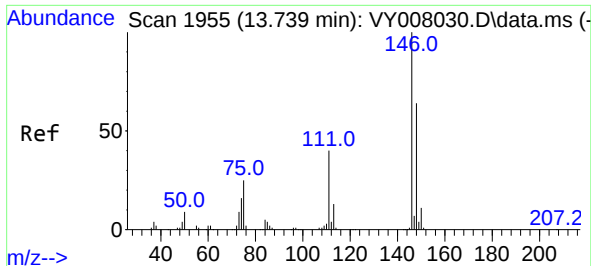
Delta R.T. 0.005 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Tgt Ion:	117	Resp:	6652
Ion	Ratio	Lower	Upper
117	100		
201	67.2	43.0	128.8

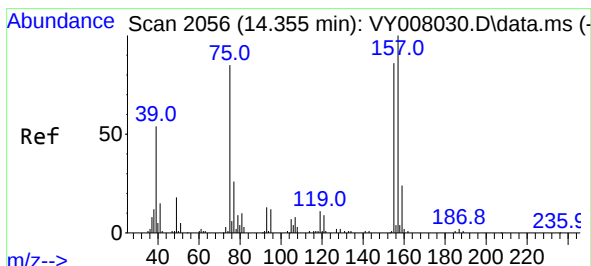
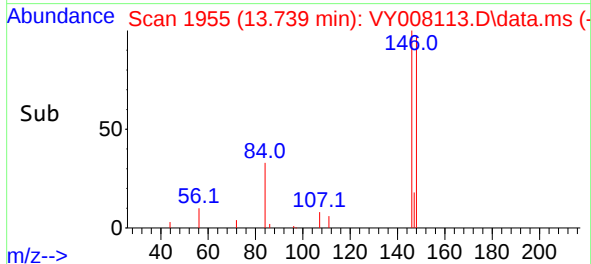
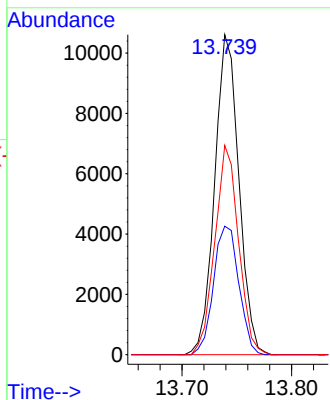
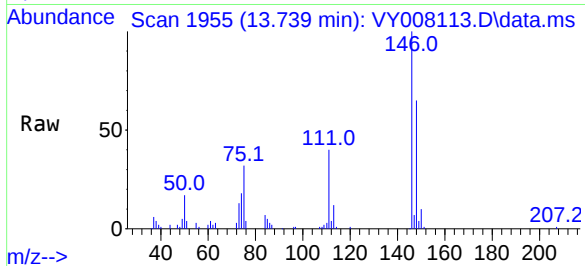




#91
1,2-Dichlorobenzene
Concen: 4.672 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

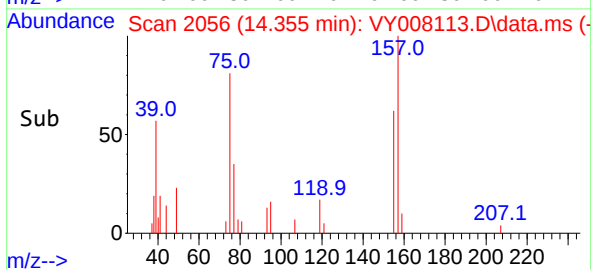
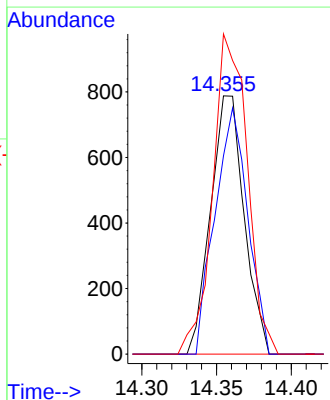
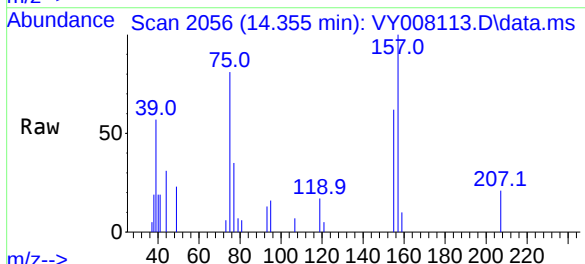
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

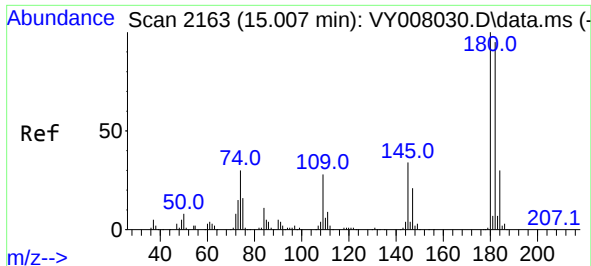
Tgt Ion:	146	Resp:	16300
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.9
148	64.2	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.543 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:	75	Resp:	1228
Ion	Ratio	Lower	Upper
75	100		
155	93.4	38.0	113.9
157	127.3	47.8	143.3

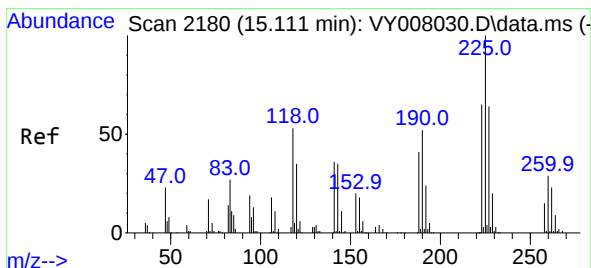
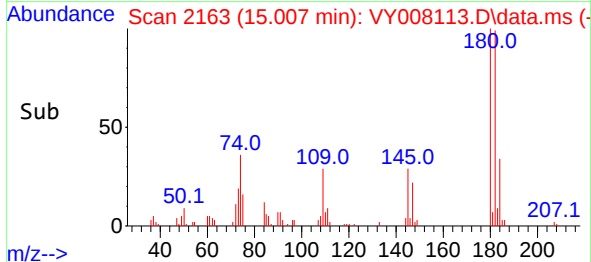
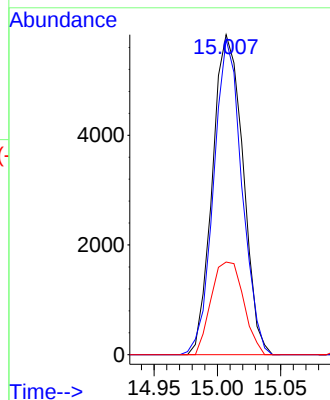
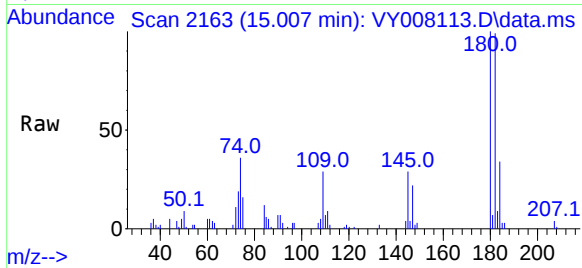




#93
1,2,4-Trichlorobenzene
Concen: 4.675 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

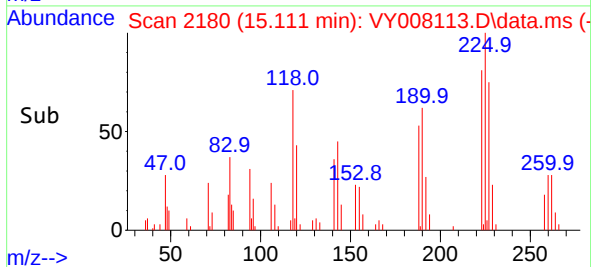
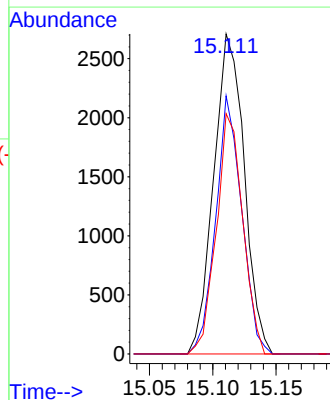
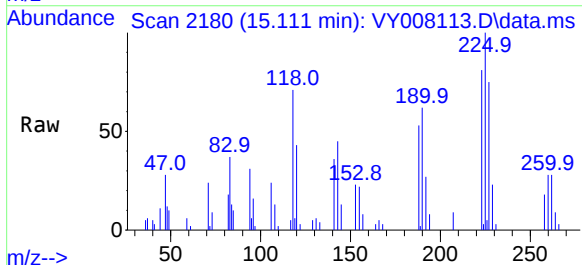
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:	180	Resp:	9770
Ion Ratio	Lower	Upper	
180	100		
182	91.5	47.3	141.9
145	30.7	14.6	43.8



#94
Hexachlorobutadiene
Concen: 4.110 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:	225	Resp:	4544
Ion Ratio	Lower	Upper	
225	100		
223	68.6	30.8	92.3
227	65.0	31.6	94.7

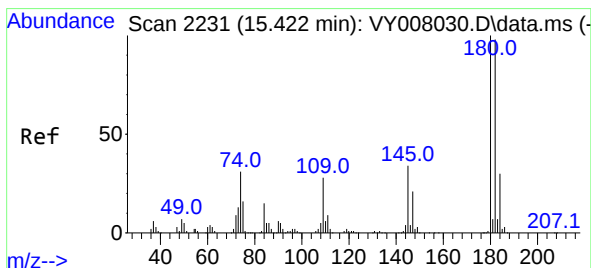
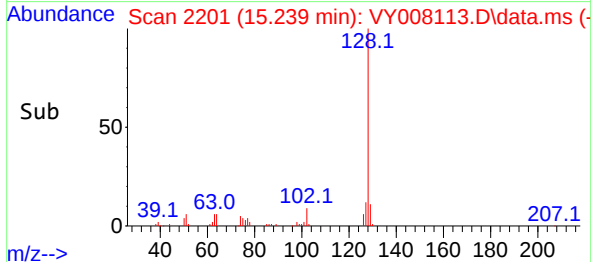
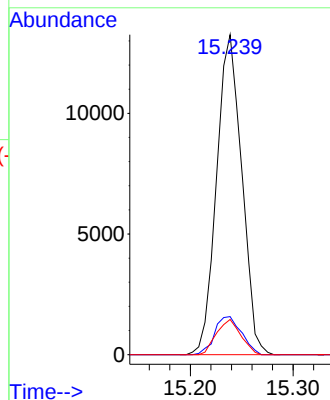
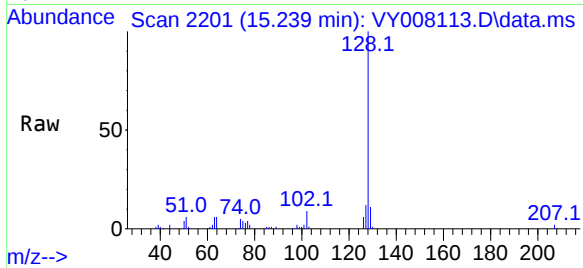




#95
Naphthalene
Concen: 4.887 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:128	Resp:	22573
Ion Ratio	Lower	Upper
128	100	
127	12.7	11.0 16.4
129	10.6	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.870 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:180	Resp:	8805
Ion Ratio	Lower	Upper
180	100	
182	90.6	47.3 141.9
145	31.5	15.3 45.9

