

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008115.D
 Acq On : 30 Mar 2022 17:14
 Operator : SY/MD
 Sample : N1645-02 5.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 31 04:34:17 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	7.789	168	142457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5999	4.197	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	8.400%	#	
35) Dibromofluoromethane	7.722	113	6084	3.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	7.880%	#	
50) Toluene-d8	10.179	98	23085	3.971	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	7.940%	#	
62) 4-Bromofluorobenzene	12.483	95	9095	4.434	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	8.860%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	4073	3.172	ug/l	96
3) Chloromethane	2.113	50	5926	3.790	ug/l	95
4) Vinyl Chloride	2.253	62	7061	3.394	ug/l	98
5) Bromomethane	2.650	94	7083	4.154	ug/l	96
6) Chloroethane	2.796	64	5063	3.699	ug/l	97
7) Trichlorofluoromethane	3.131	101	9580	3.640	ug/l	94
8) Diethyl Ether	3.527	74	3229	3.788	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	6231	3.816	ug/l	89
10) Methyl Iodide	4.094	142	4816	4.137	ug/l	90
11) Tert butyl alcohol	4.954	59	3087	20.817	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	5549	3.671	ug/l	87
13) Acrolein	3.729	56	2217	18.368	ug/l	94
14) Allyl chloride	4.478	41	7277	3.659	ug/l #	90
15) Acrylonitrile	5.161	53	8177	20.141	ug/l	96
16) Acetone	3.948	43	5806	17.772	ug/l #	88
17) Carbon Disulfide	4.192	76	14536	3.394	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	16813	3.914	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	6546	3.740	ug/l	86
22) Diisopropyl ether	6.124	45	16670	3.896	ug/l #	85
23) Vinyl Acetate	6.064	43	44020	16.605	ug/l #	82
24) 1,1-Dichloroethane	6.015	63	10874	3.839	ug/l	96
25) 2-Butanone	6.990	43	10073	20.262	ug/l #	74
26) 2,2-Dichloropropane	6.984	77	9926	3.700	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	7959	3.923	ug/l	82
28) Bromochloromethane	7.332	49	4321	Below Cal	#	68
29) Tetrahydrofuran	7.344	42	6956	21.521	ug/l #	74
30) Chloroform	7.508	83	12222	3.985	ug/l	100
31) Cyclohexane	7.789	56	12041	4.507	ug/l #	49
32) 1,1,1-Trichloroethane	7.703	97	10755	3.795	ug/l	94
36) 1,1-Dichloropropene	7.917	75	8669	3.576	ug/l	92
37) Ethyl Acetate	7.076	43	4601	4.063	ug/l #	88
38) Carbon Tetrachloride	7.899	117	9223	3.491	ug/l	94
39) Methylcyclohexane	9.179	83	11789	3.603	ug/l	88
40) Benzene	8.161	78	25365	3.658	ug/l	93
41) Methacrylonitrile	7.344	41	6068	10.671	ug/l #	18
42) 1,2-Dichloroethane	8.240	62	7413	3.811	ug/l	90

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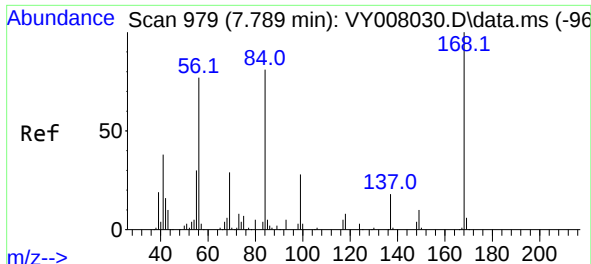
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.277	43	8698	3.913	ug/l #	88
44) Trichloroethene	8.935	130	7279	3.630	ug/l	86
45) 1,2-Dichloropropane	9.215	63	6124	3.747	ug/l	93
46) Dibromomethane	9.307	93	4054	3.773	ug/l	92
47) Bromodichloromethane	9.496	83	8833	3.595	ug/l	90
48) Methyl methacrylate	9.295	41	3739	3.797	ug/l #	79
49) 1,4-Dioxane	9.301	88	1091	76.376	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	21149	18.862	ug/l #	80
52) Toluene	10.246	92	16743	3.682	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	8891	3.530	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	10294	3.610	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	5612	3.782	ug/l	96
56) Ethyl methacrylate	10.508	69	7007	3.620	ug/l #	80
57) 1,3-Dichloropropane	10.794	76	8904	3.667	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.782	63	17267	21.532	ug/l	90
59) 2-Hexanone	10.837	43	15238	19.422	ug/l	83
60) Dibromochloromethane	10.983	129	6270	3.475	ug/l	94
61) 1,2-Dibromoethane	11.087	107	5557	3.760	ug/l	99
64) Tetrachloroethene	10.721	164	6436	3.793	ug/l	95
65) Chlorobenzene	11.514	112	18683	3.751	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6542	3.561	ug/l	97
67) Ethyl Benzene	11.593	91	33021	3.782	ug/l	97
68) m/p-Xylenes	11.703	106	25618	7.379	ug/l	92
69) o-Xylene	12.032	106	12490	3.758	ug/l	91
70) Styrene	12.044	104	19535	3.590	ug/l	97
71) Bromoform	12.203	173	3504	3.159	ug/l #	98
73) Isopropylbenzene	12.331	105	32076	3.802	ug/l	97
74) N-amyl acetate	12.148	43	6870	3.704	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	7094	4.326	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	8061	6.469	ug/l #	100
77) Bromobenzene	12.611	156	7620	3.937	ug/l	97
78) n-propylbenzene	12.672	91	39433	3.962	ug/l	98
79) 2-Chlorotoluene	12.757	91	22191	4.020	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	26634	3.853	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2026	3.628	ug/l #	82
82) 4-Chlorotoluene	12.855	91	22793	4.024	ug/l	100
83) tert-Butylbenzene	13.074	119	22863	3.713	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	25921	3.851	ug/l	97
85) sec-Butylbenzene	13.257	105	35428	3.898	ug/l	100
86) p-Isopropyltoluene	13.373	119	28912	3.822	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	14654	3.819	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	14349	3.749	ug/l	91
89) n-Butylbenzene	13.696	91	27365	3.932	ug/l	98
90) Hexachloroethane	13.958	117	5268	3.594	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	13049	3.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1052	4.019	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	7460	3.687	ug/l	99
94) Hexachlorobutadiene	15.117	225	4149	3.876	ug/l	96
95) Naphthalene	15.239	128	22409	5.010	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	6805	3.887	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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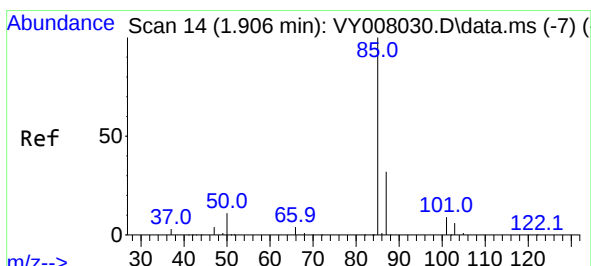
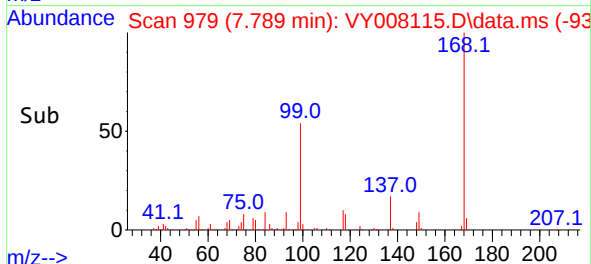
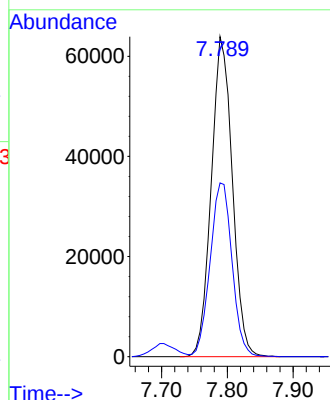
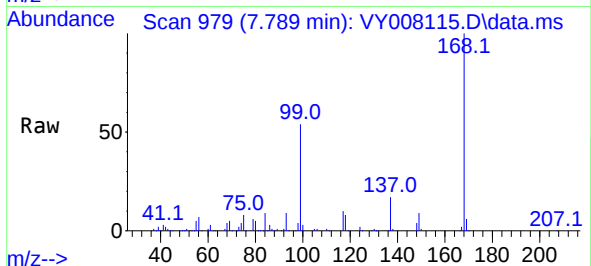




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008115.D
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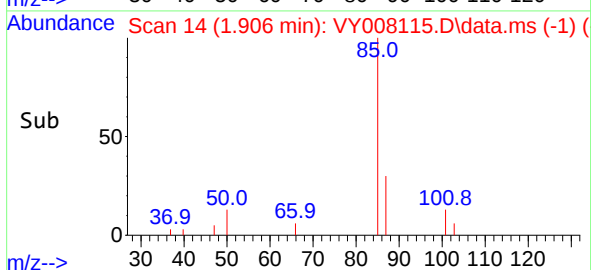
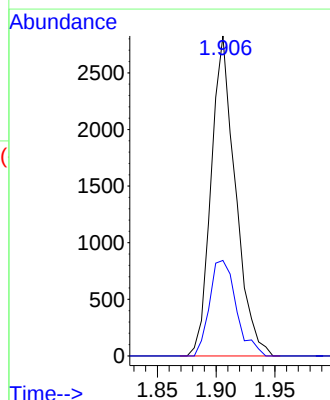
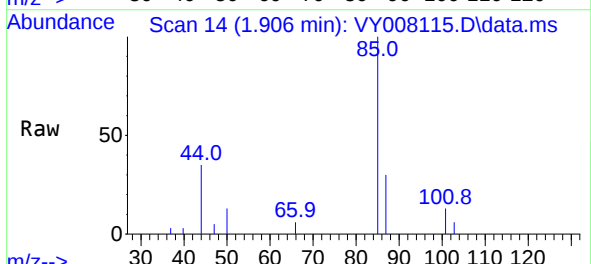
Instrument :
MSVOA_Y
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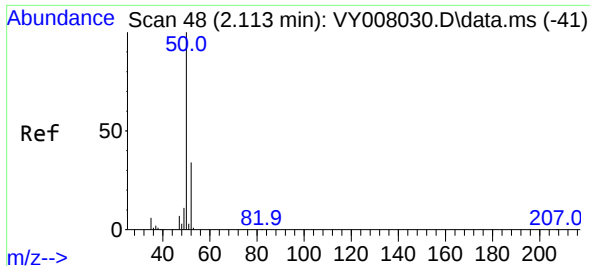
Tgt Ion:168 Resp: 142457
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.172 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 85 Resp: 4073
Ion Ratio Lower Upper
85 100
87 29.9 16.1 48.2

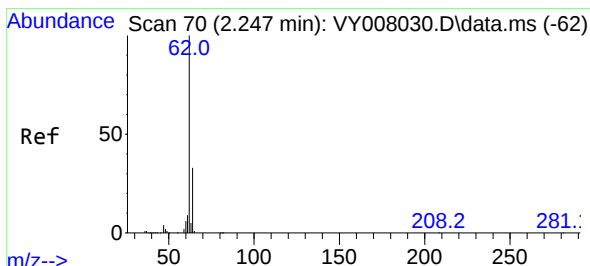
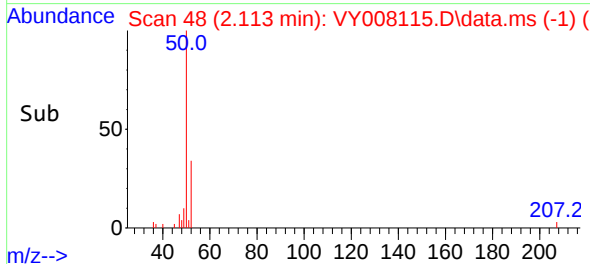
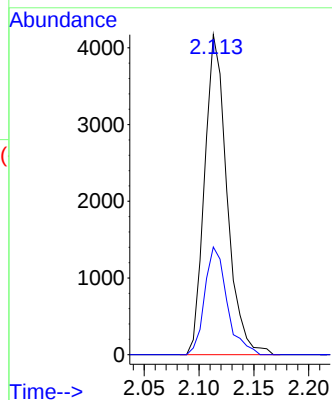
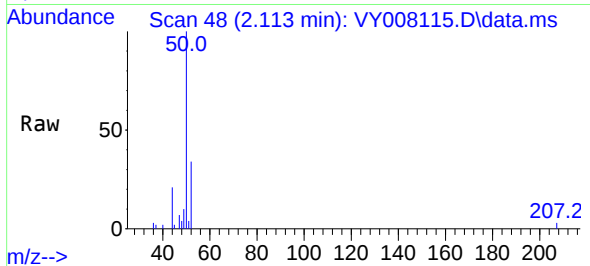




#3
Chloromethane
Concen: 3.790 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

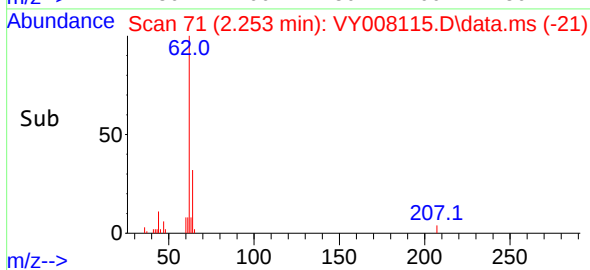
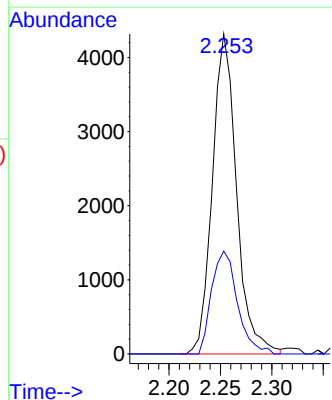
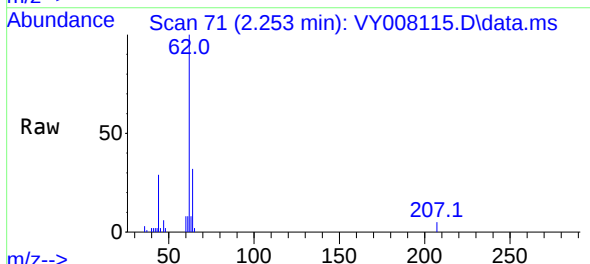
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Tgt Ion: 50 Resp: 5926
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0



#4
Vinyl Chloride
Concen: 3.394 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 62 Resp: 7061
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

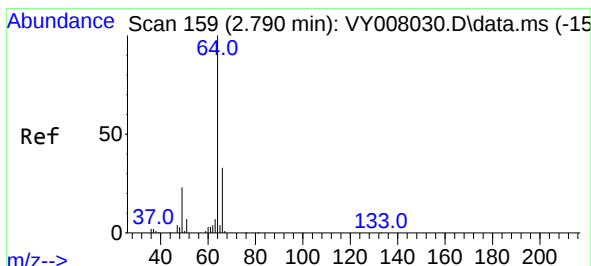
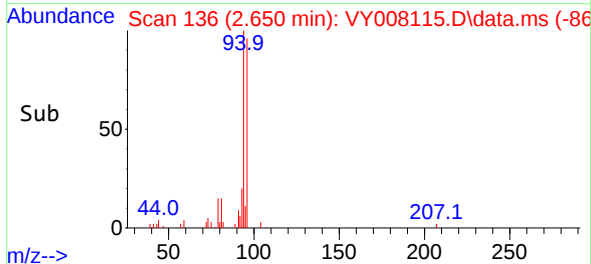
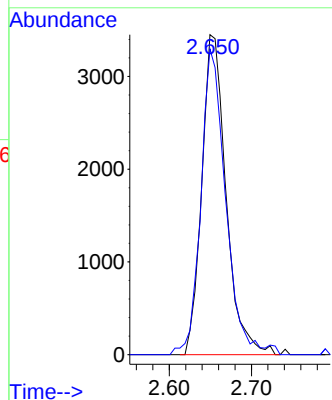
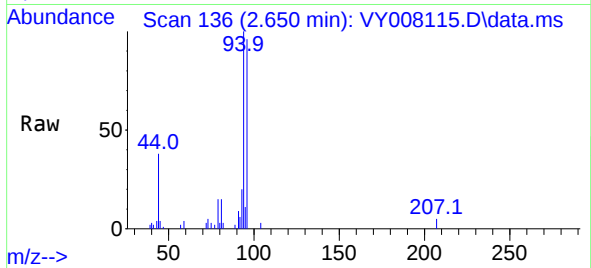




#5
Bromomethane
Concen: 4.154 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

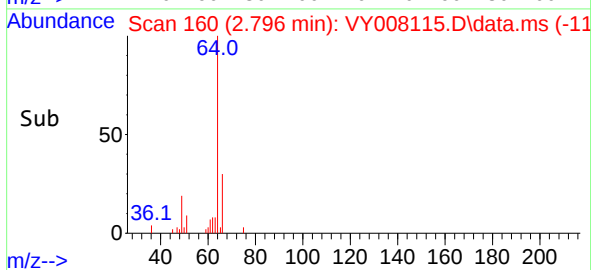
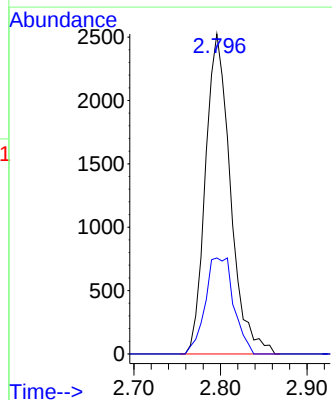
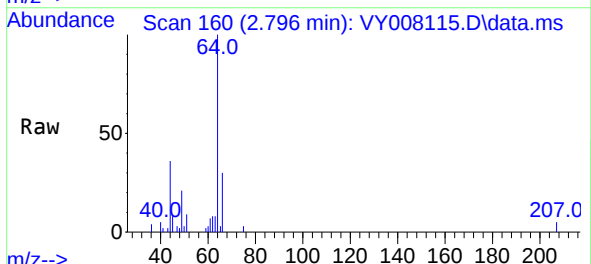
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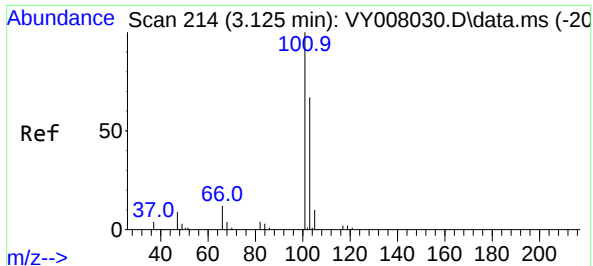
Tgt Ion: 94 Resp: 7083
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3



#6
Chloroethane
Concen: 3.699 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 64 Resp: 5063
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.0

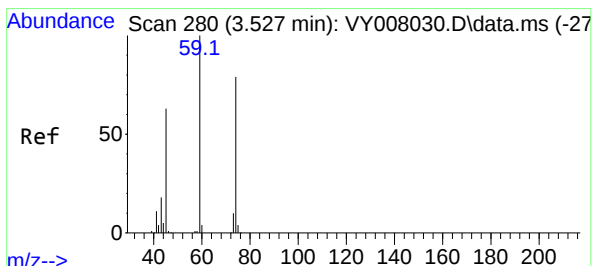
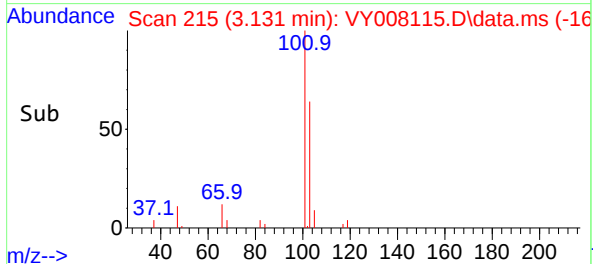
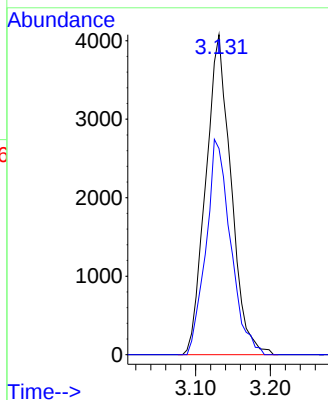
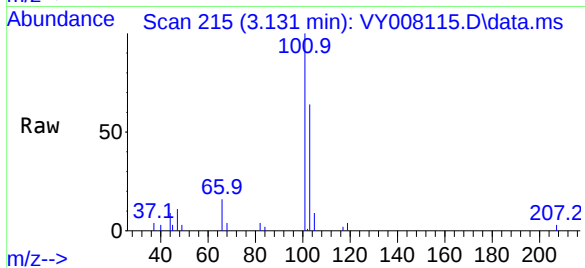




#7
Trichlorofluoromethane
Concen: 3.640 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY008115.D
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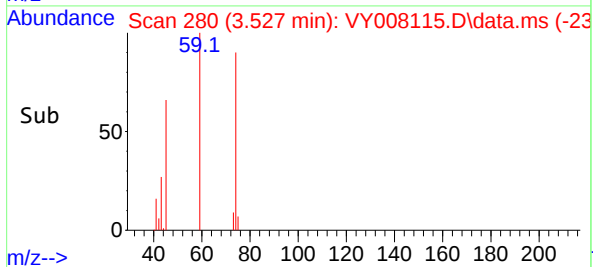
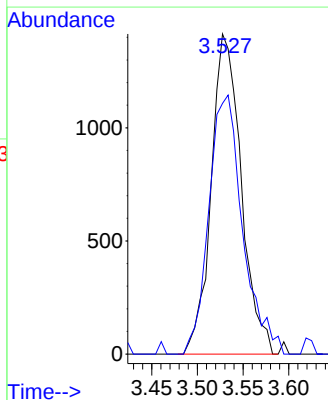
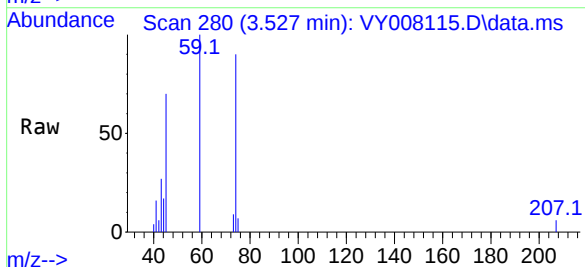
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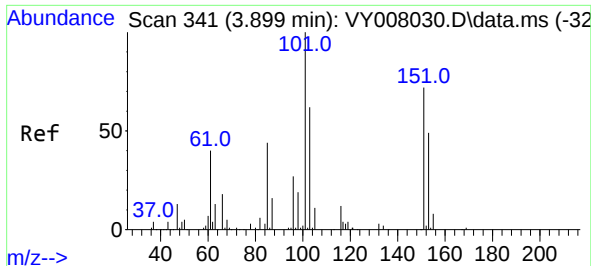
Tgt Ion:101 Resp: 9580
Ion Ratio Lower Upper
101 100
103 64.4 48.0 72.0



#8
Diethyl Ether
Concen: 3.788 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 74 Resp: 3229
Ion Ratio Lower Upper
74 100
45 91.4 55.1 165.5

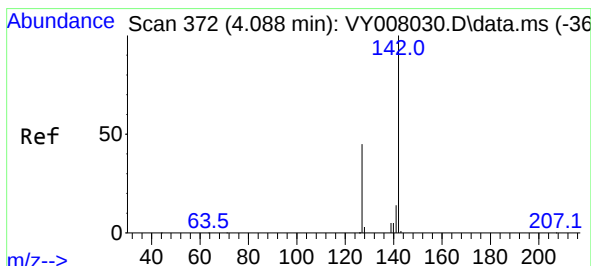
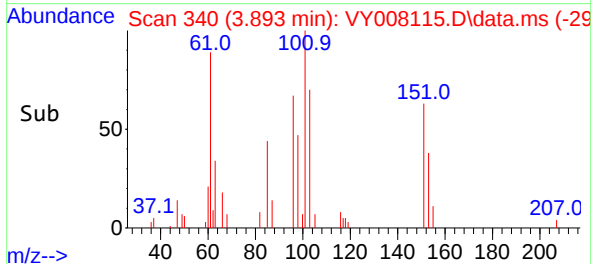
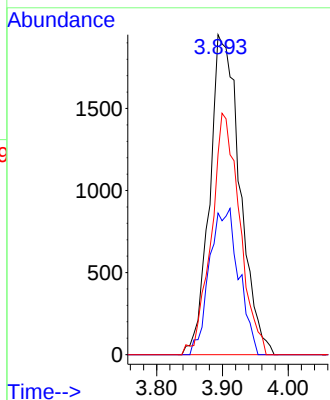
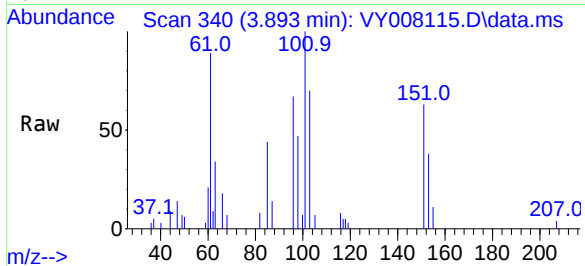




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.816 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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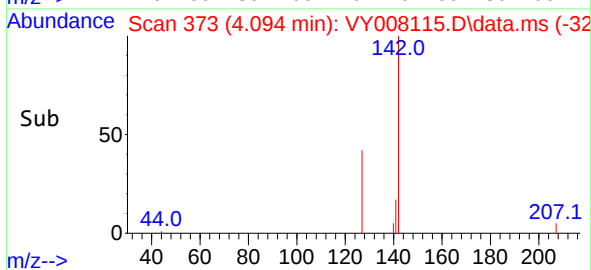
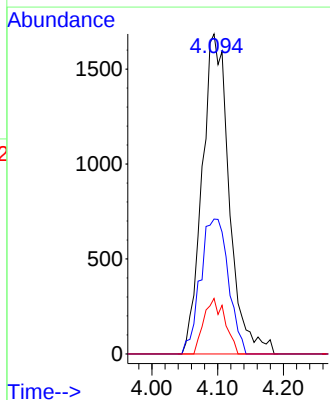
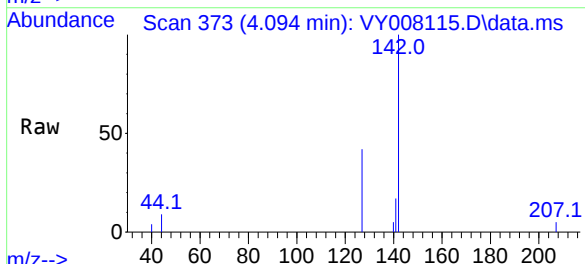
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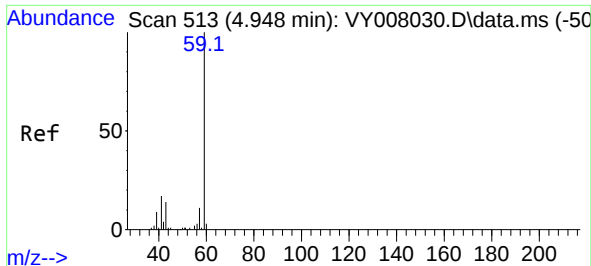
Tgt Ion:	101	Resp:	6231
Ion	Ratio	Lower	Upper
101	100		
85	44.3	40.6	60.8
151	70.7	64.9	97.3



#10
Methyl Iodide
Concen: 4.137 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:	142	Resp:	4816
Ion	Ratio	Lower	Upper
142	100		
127	43.6	41.5	62.3
141	13.5	11.9	17.9





#11

Tert butyl alcohol

Concen: 20.817 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

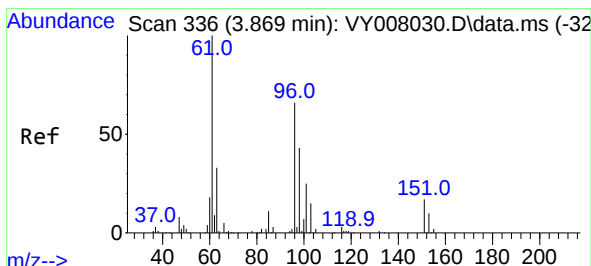
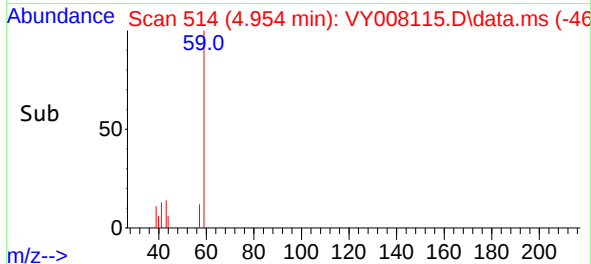
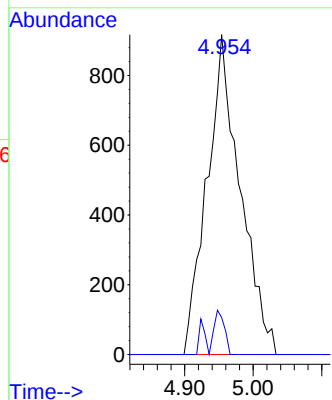
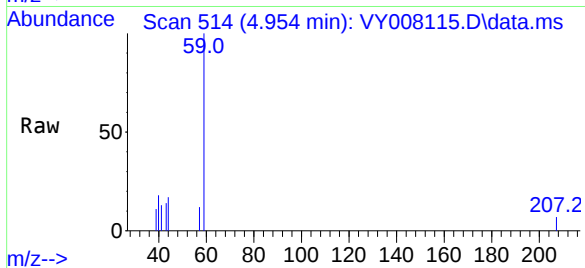
LOQ-SOIL-02-QT1-2022

Tgt Ion: 59 Resp: 3087

Ion Ratio Lower Upper

59 100

57 4.3 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 3.671 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.012 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

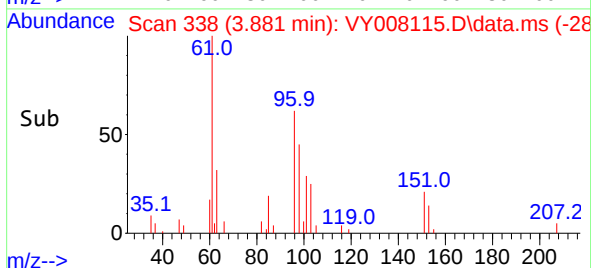
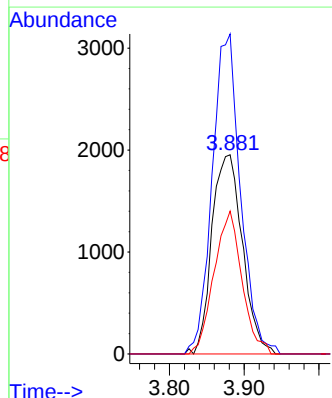
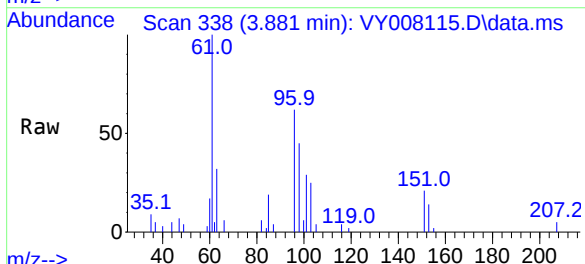
Tgt Ion: 96 Resp: 5549

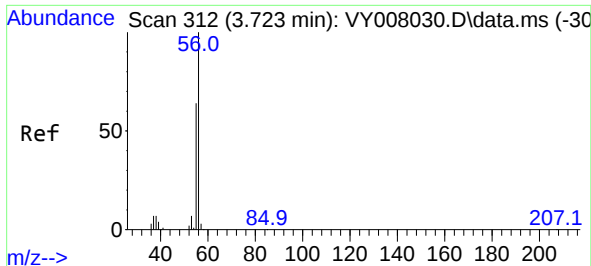
Ion Ratio Lower Upper

96 100

61 160.6 145.8 218.6

98 71.8 52.5 78.7

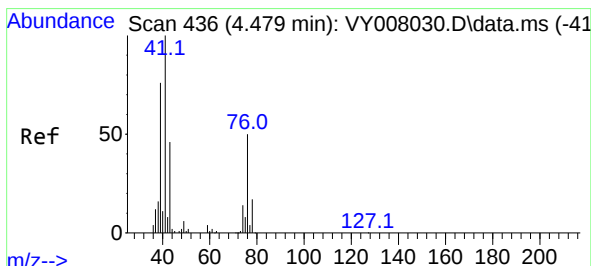
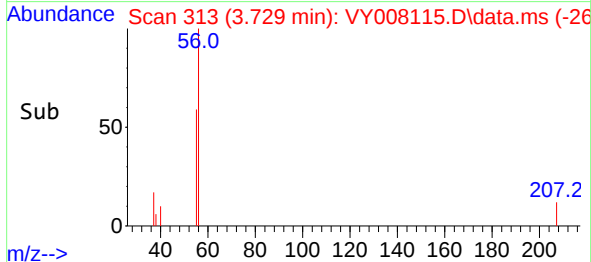
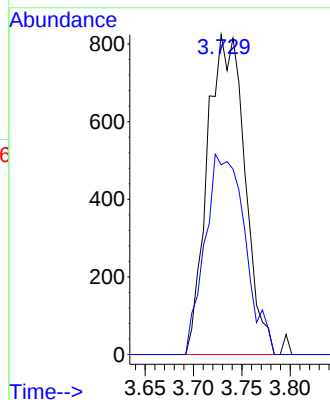
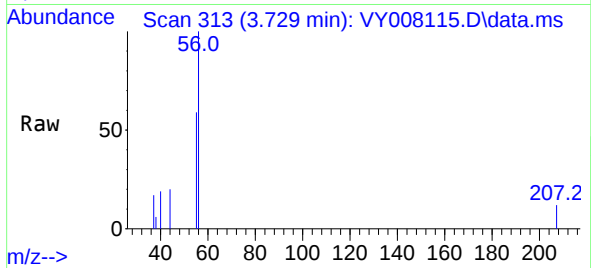




#13
Acrolein
Concen: 18.368 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

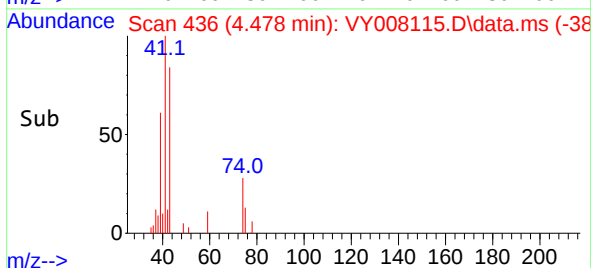
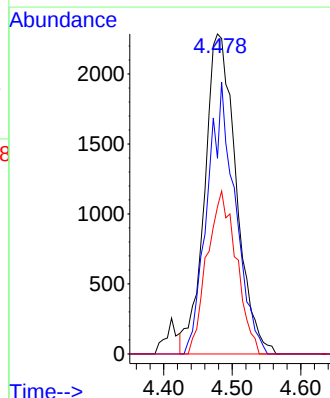
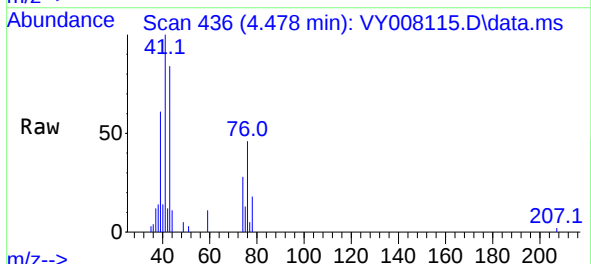
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

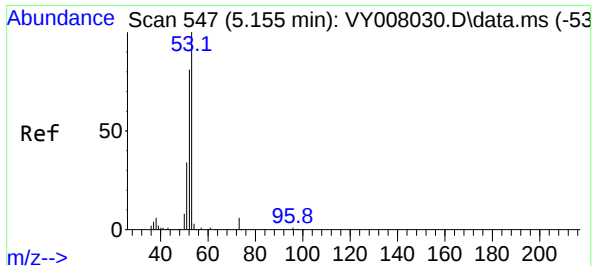
Tgt Ion: 56 Resp: 2217
Ion Ratio Lower Upper
56 100
55 66.9 57.6 86.4



#14
Allyl chloride
Concen: 3.659 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 41 Resp: 7277
Ion Ratio Lower Upper
41 100
39 75.6 58.8 88.2
76 47.5 25.1 37.7#

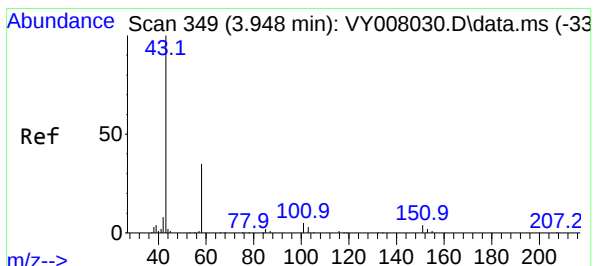
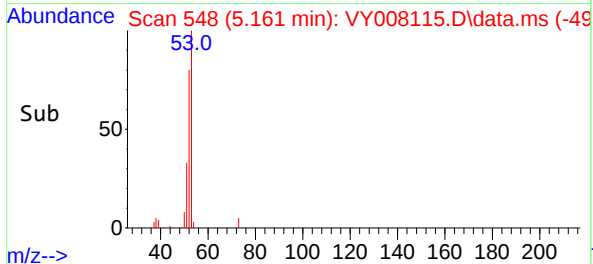
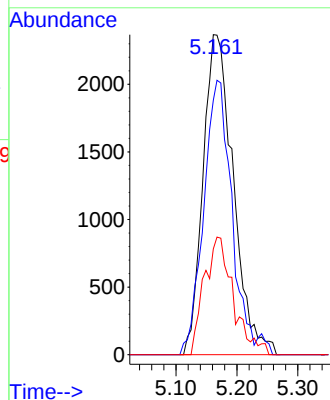
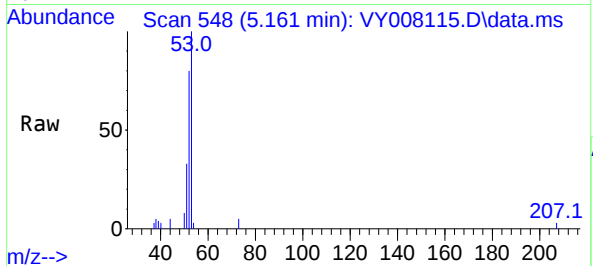




#15
Acrylonitrile
Concen: 20.141 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

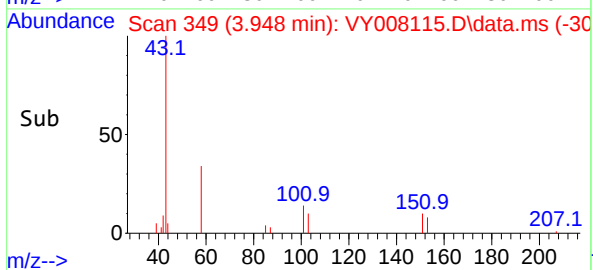
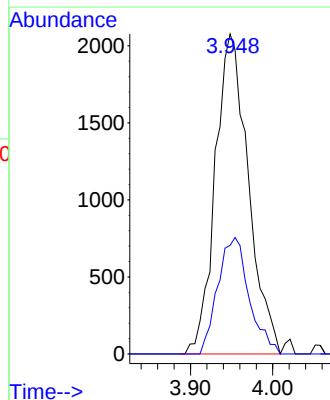
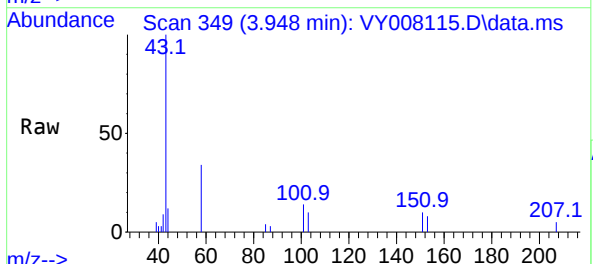
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

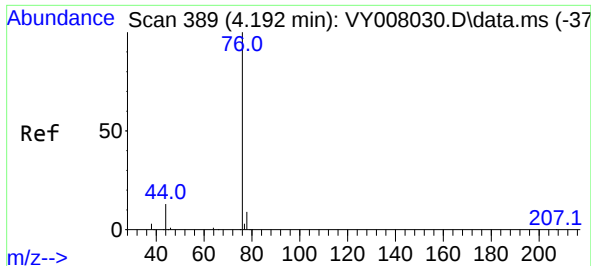
Tgt Ion: 53	Resp:	8177	
Ion	Ratio	Lower	Upper
53	100		
52	79.2	67.0	100.4
51	35.2	29.8	44.6



#16
Acetone
Concen: 17.772 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 43	Resp: 5806		
Ion Ratio	Lower	Upper	
43 100			
58 33.9	22.0	33.0#	

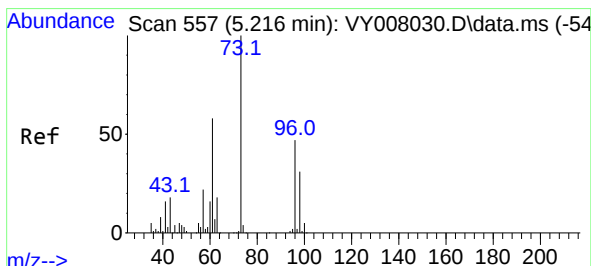
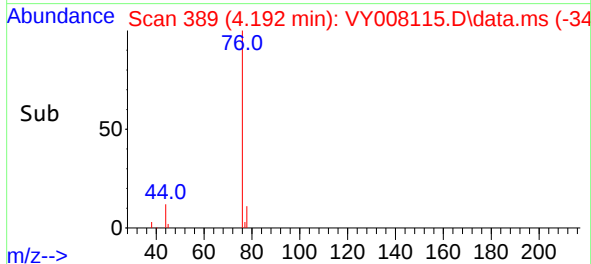
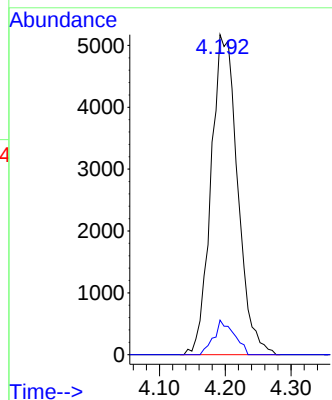
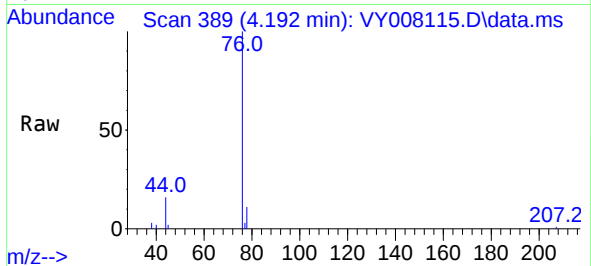




#17
Carbon Disulfide
Concen: 3.394 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

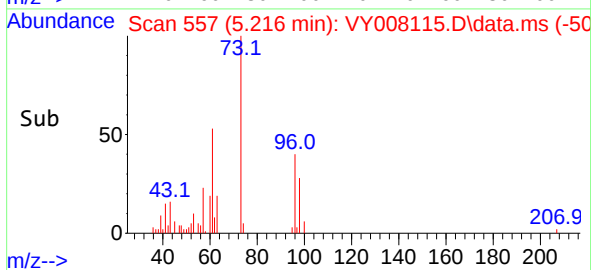
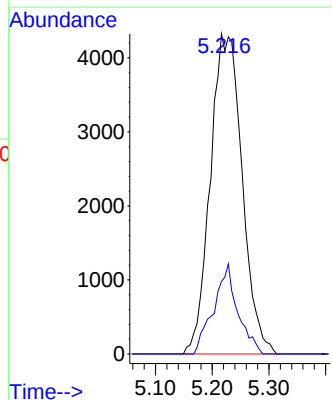
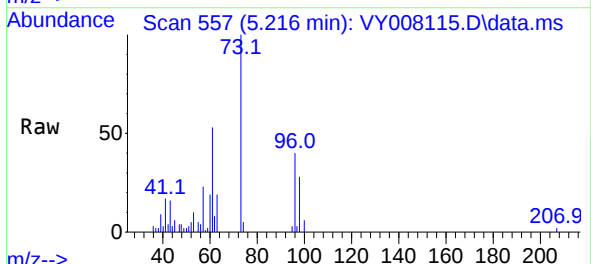
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

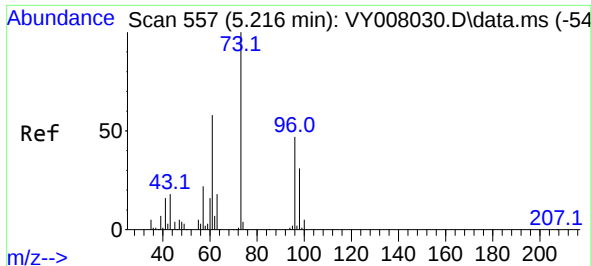
Tgt Ion: 76 Resp: 14536
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#19
Methyl tert-butyl Ether
Concen: 3.914 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 73 Resp: 16813
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8

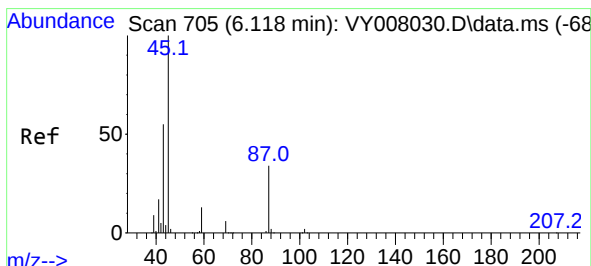
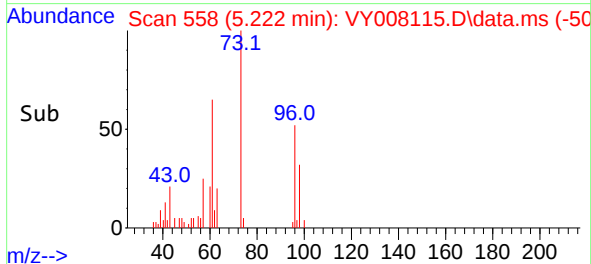
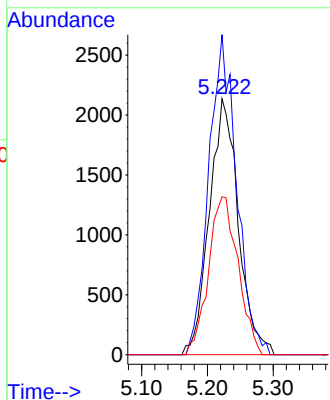
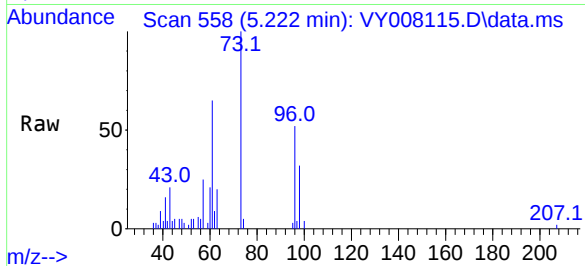




#21
trans-1,2-Dichloroethene
Concen: 3.740 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

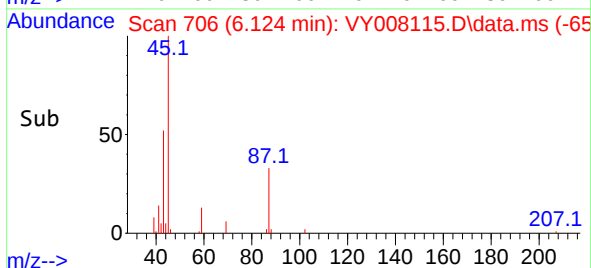
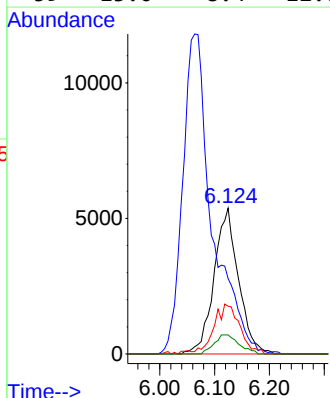
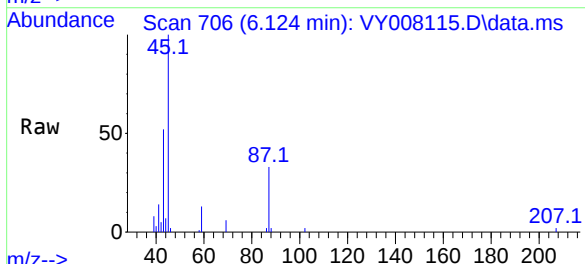
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

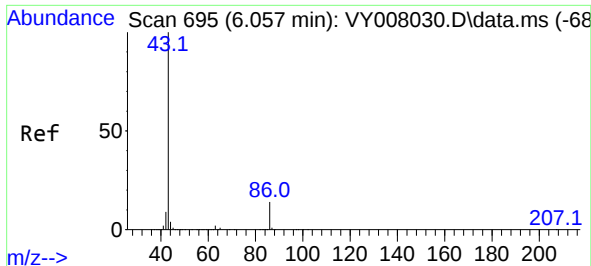
Tgt Ion: 96 Resp: 6546
Ion Ratio Lower Upper
96 100
61 125.0 120.5 180.7
98 61.7 49.8 74.8



#22
Diisopropyl ether
Concen: 3.896 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 45 Resp: 16670
Ion Ratio Lower Upper
45 100
43 50.3 49.3 73.9
87 32.6 19.2 28.8#
59 13.0 8.4 12.6#

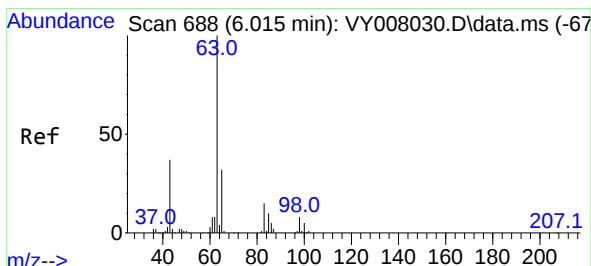
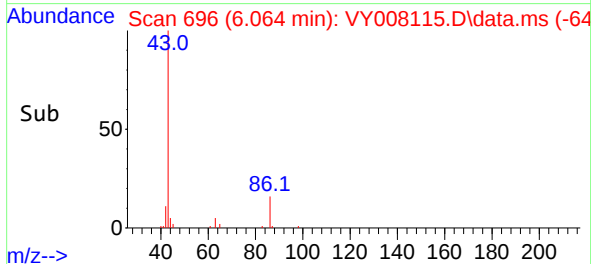
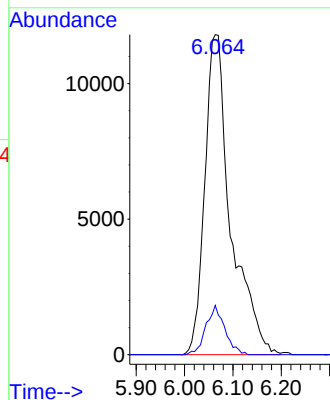
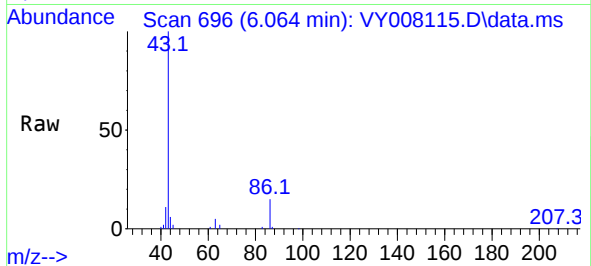




#23
 Vinyl Acetate
 Concen: 16.605 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14

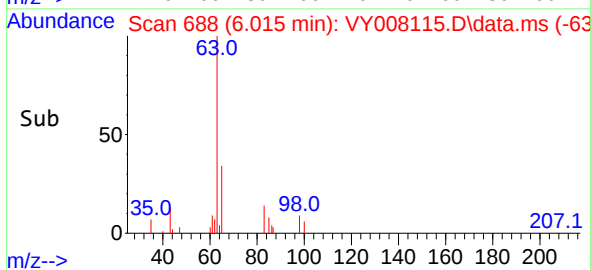
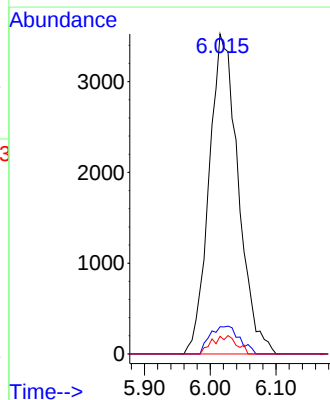
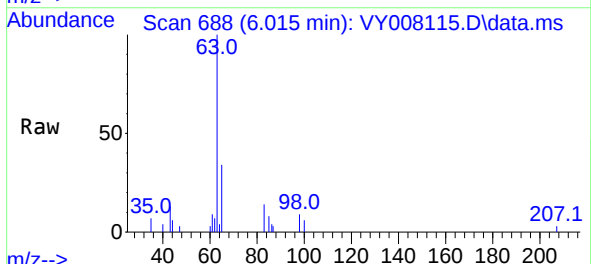
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

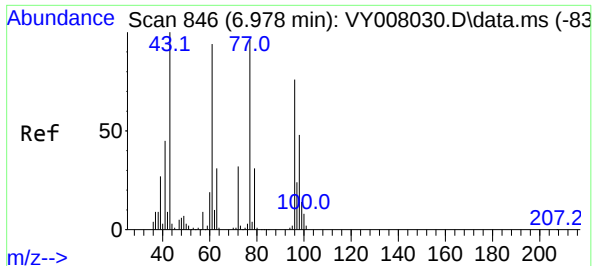
Tgt Ion: 43 Resp: 44020
 Ion Ratio Lower Upper
 43 100
 86 15.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 3.839 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14

Tgt Ion: 63 Resp: 10874
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.5 2.0 5.8





#25

2-Butanone

Concen: 20.262 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

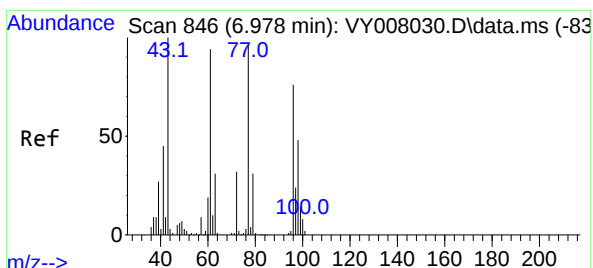
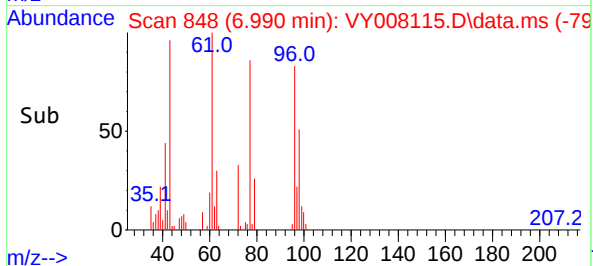
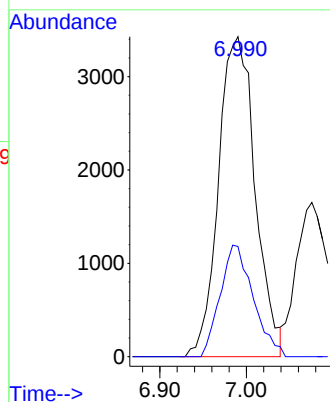
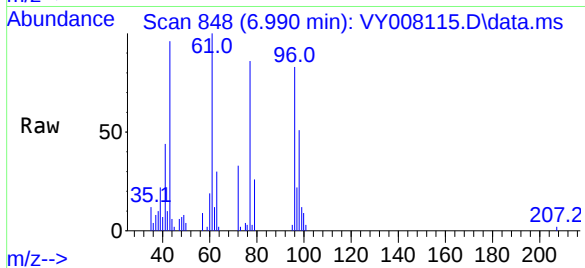
LOQ-SOIL-02-QT1-2022

Tgt Ion: 43 Resp: 10073

Ion Ratio Lower Upper

43 100

72 34.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 3.700 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008115.D

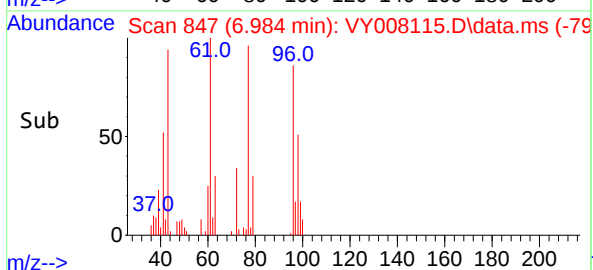
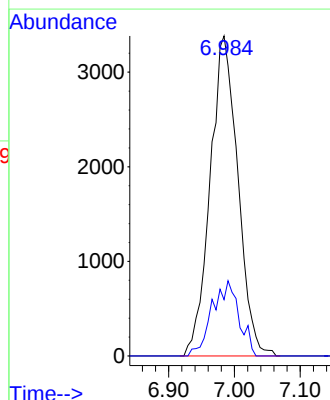
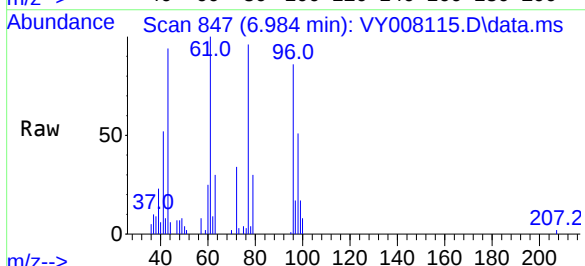
Acq: 30 Mar 2022 17:14

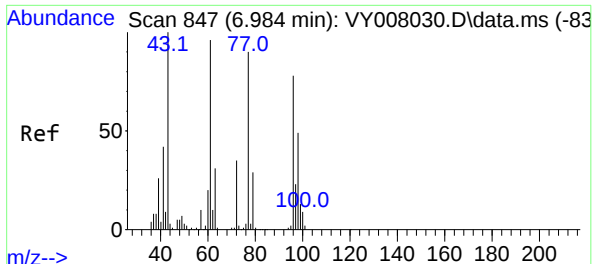
Tgt Ion: 77 Resp: 9926

Ion Ratio Lower Upper

77 100

97 22.8 10.4 31.4

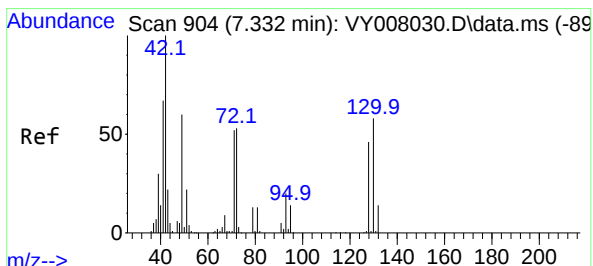
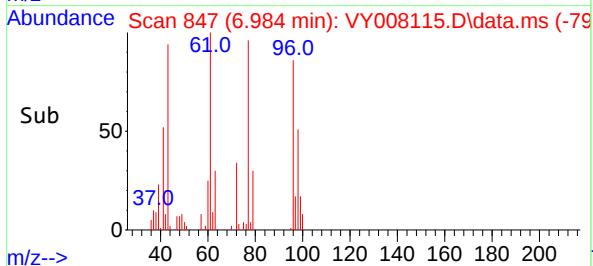
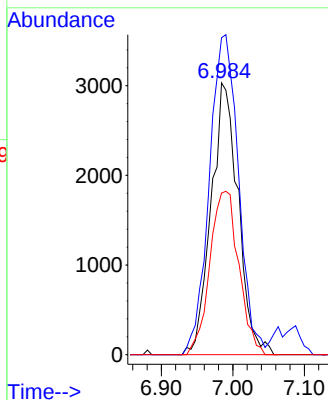
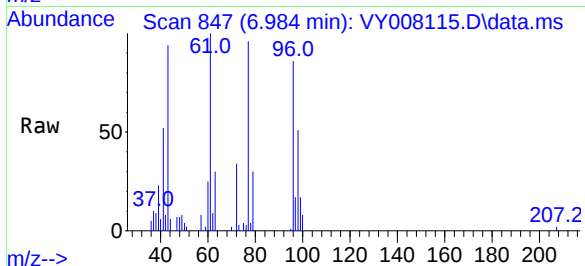




#27
cis-1,2-Dichloroethene
Concen: 3.923 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

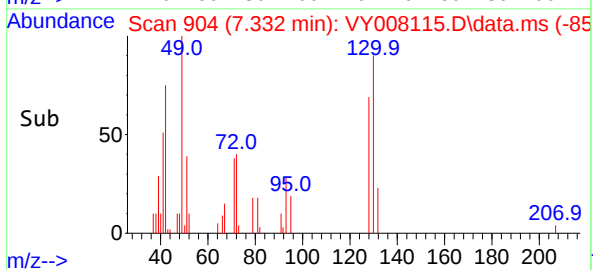
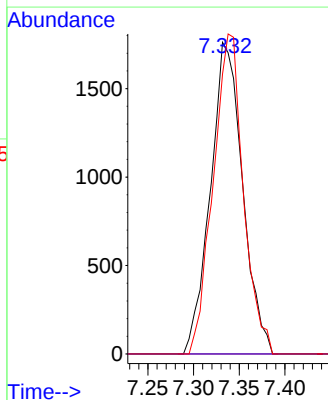
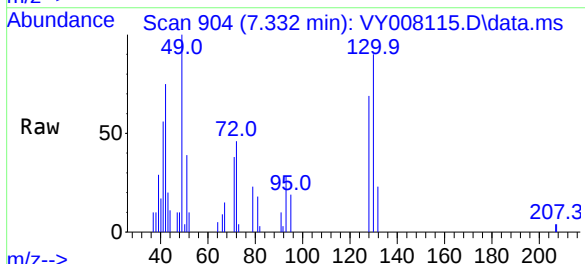
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

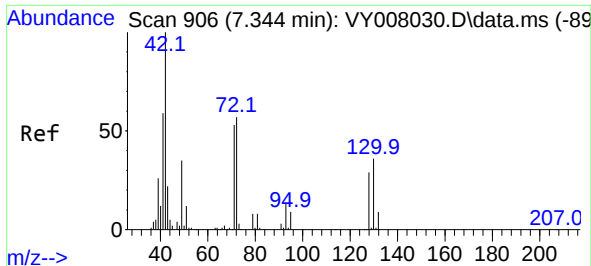
Tgt Ion: 96 Resp: 7959
Ion Ratio Lower Upper
96 100
61 127.0 0.0 319.8
98 64.4 0.0 127.0



#28
Bromochloromethane
Concen: Below Cal
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 49 Resp: 4321
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 96.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 21.521 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008115.D

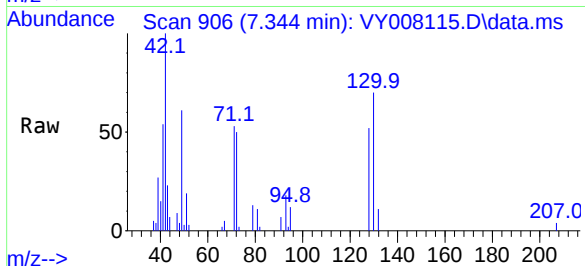
Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022



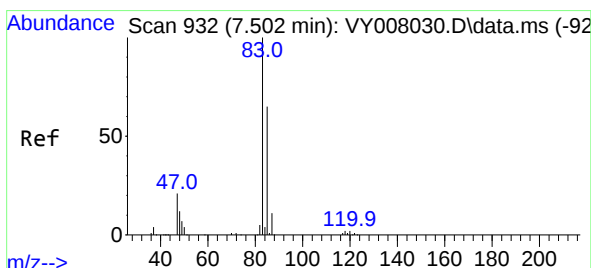
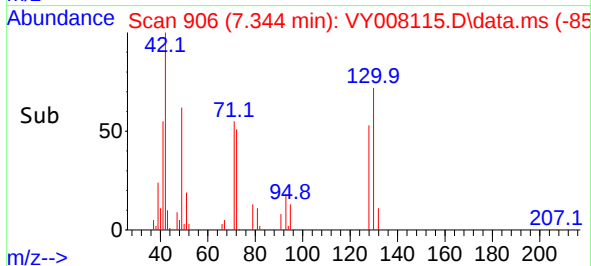
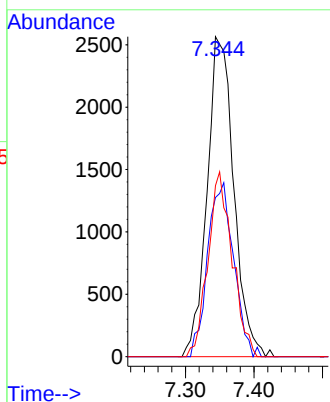
Tgt Ion: 42 Resp: 6956

Ion Ratio Lower Upper

42 100

72 53.0 30.3 45.5#

71 52.5 29.0 43.4#



#30

Chloroform

Concen: 3.985 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY008115.D

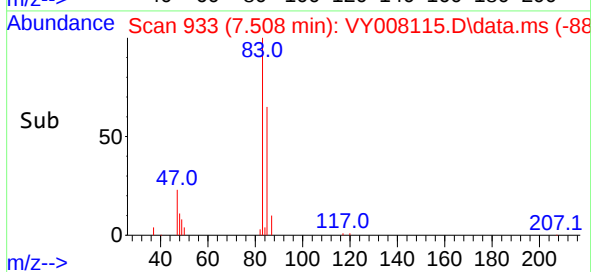
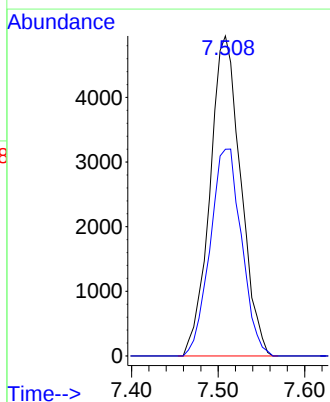
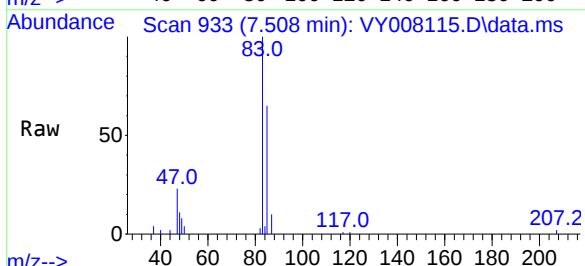
Acq: 30 Mar 2022 17:14

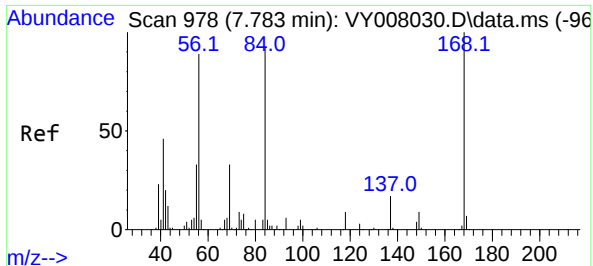
Tgt Ion: 83 Resp: 12222

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

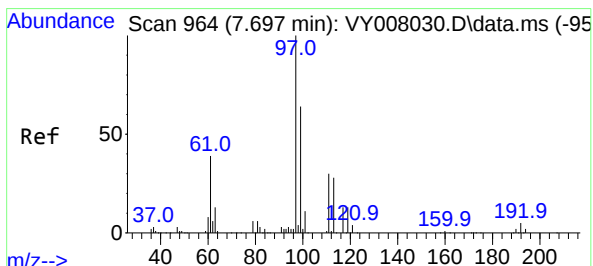
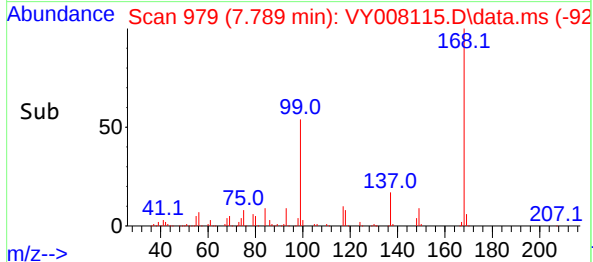
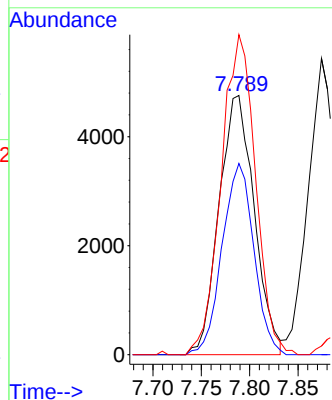
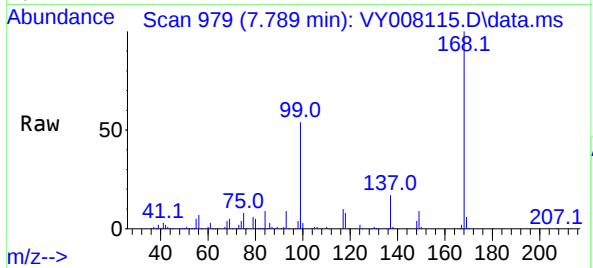




#31
Cyclohexane
Concen: 4.507 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

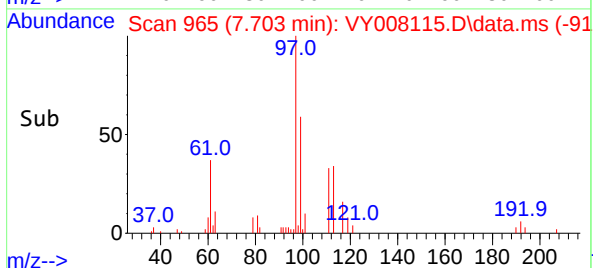
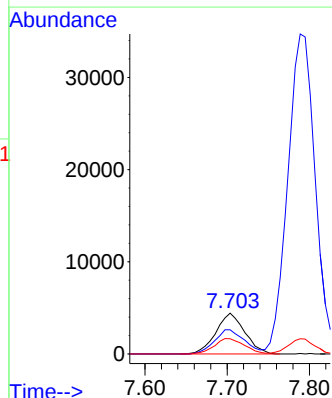
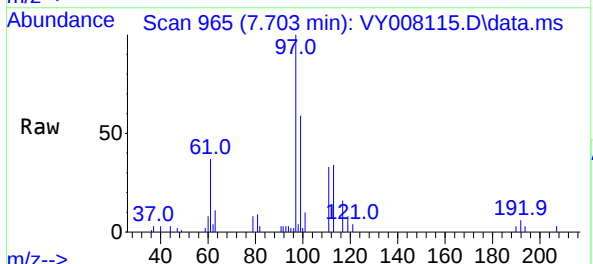
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

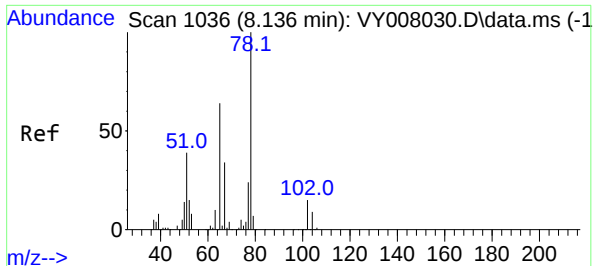
Tgt Ion: 56 Resp: 12041
Ion Ratio Lower Upper
56 100
69 73.7 26.7 40.1#
84 123.4 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 3.795 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 97 Resp: 10755
Ion Ratio Lower Upper
97 100
99 61.6 50.7 76.1
61 39.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 4.197 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

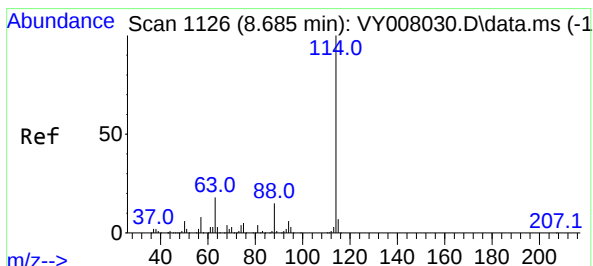
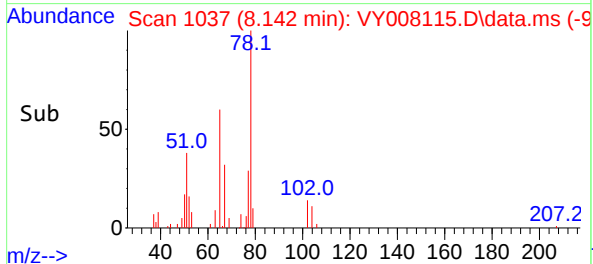
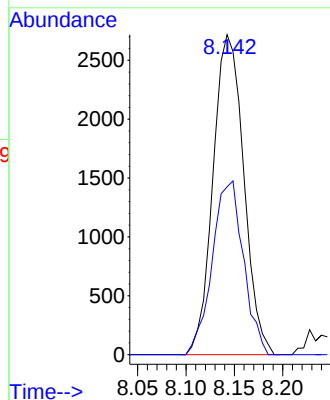
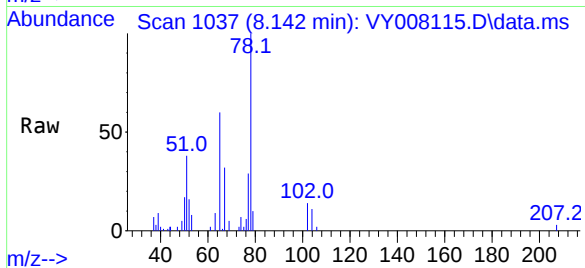
LOQ-SOIL-02-QT1-2022

Tgt Ion: 65 Resp: 5999

Ion Ratio Lower Upper

65 100

67 55.1 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: VY008115.D

Acq: 30 Mar 2022 17:14

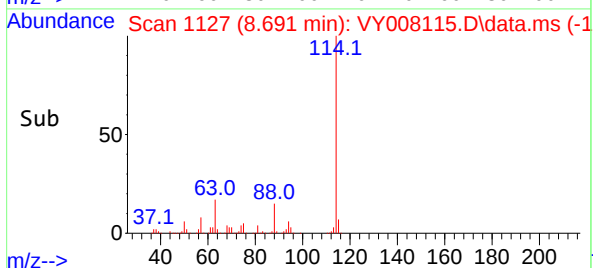
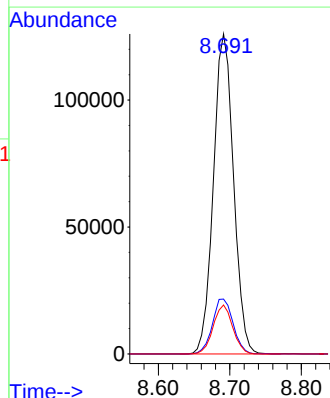
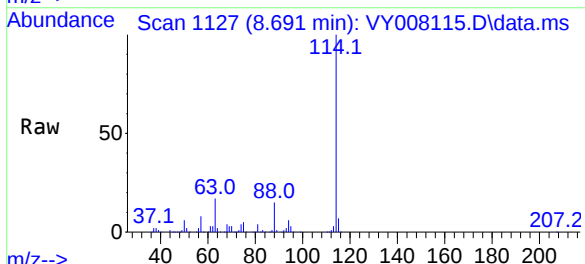
Tgt Ion: 114 Resp: 246139

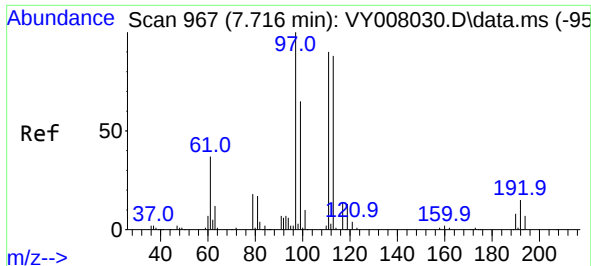
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 15.3 0.0 31.8

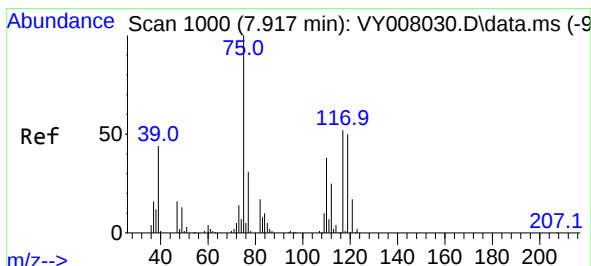
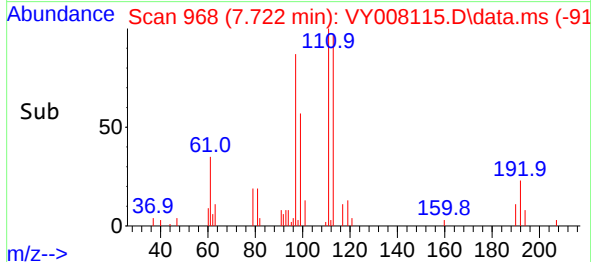
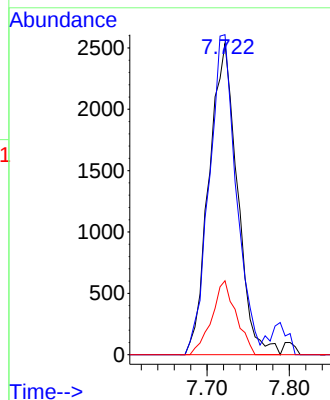
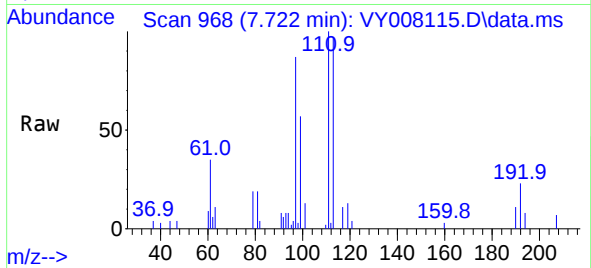




#35
Dibromofluoromethane
Concen: 3.942 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

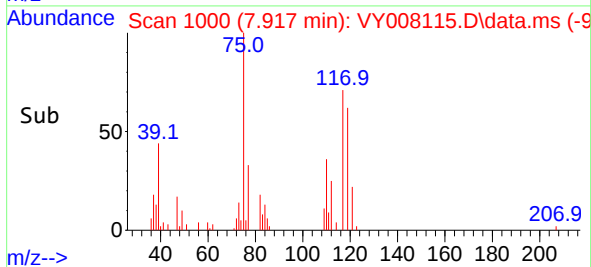
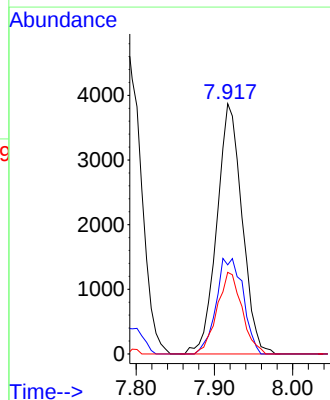
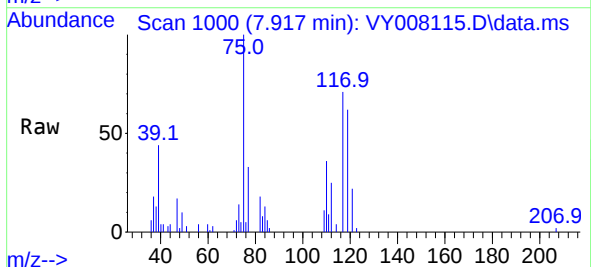
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

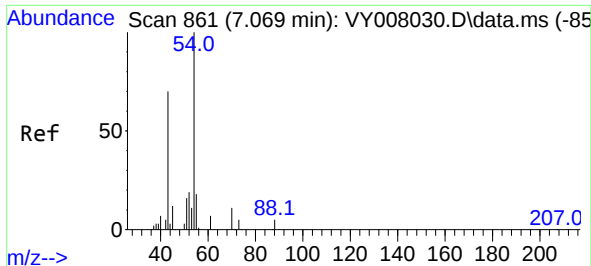
Tgt Ion:113 Resp: 6084
Ion Ratio Lower Upper
113 100
111 98.0 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.576 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 75 Resp: 8669
Ion Ratio Lower Upper
75 100
110 40.7 17.1 51.2
77 32.2 24.4 36.6





#37

Ethyl Acetate

Concen: 4.063 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY008115.D

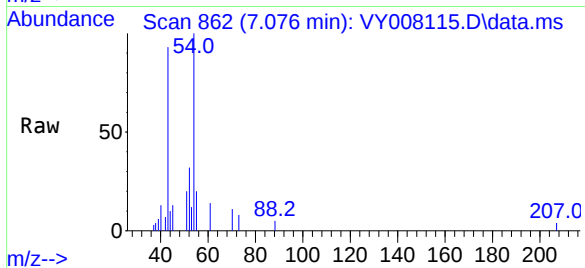
Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022



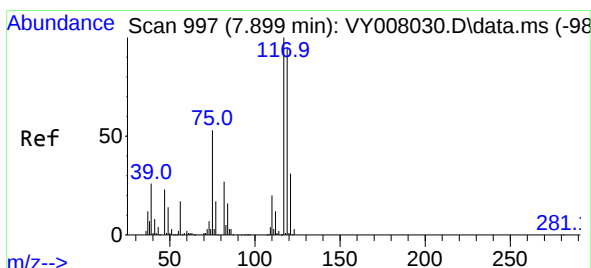
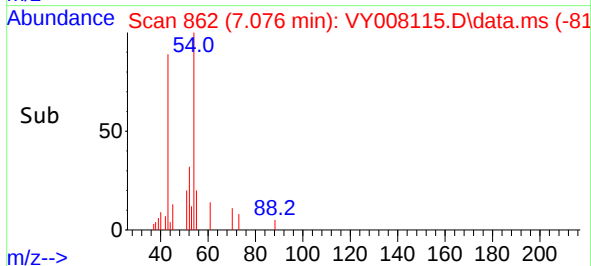
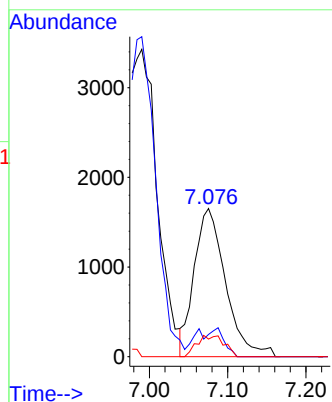
Tgt Ion: 43 Resp: 4601

Ion Ratio Lower Upper

43 100

61 7.0 9.7 14.5#

70 12.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 3.491 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

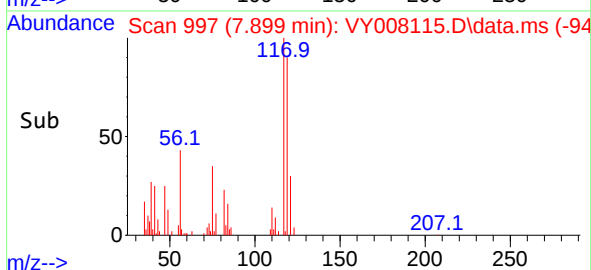
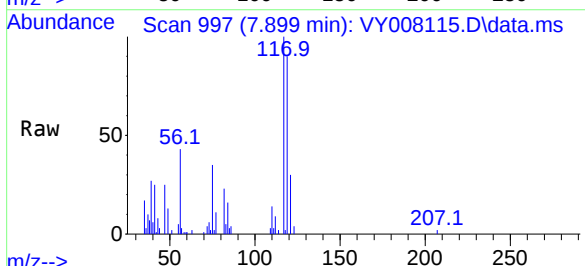
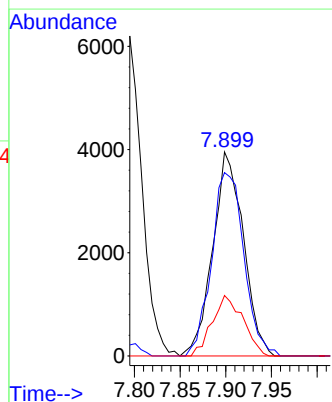
Tgt Ion: 117 Resp: 9223

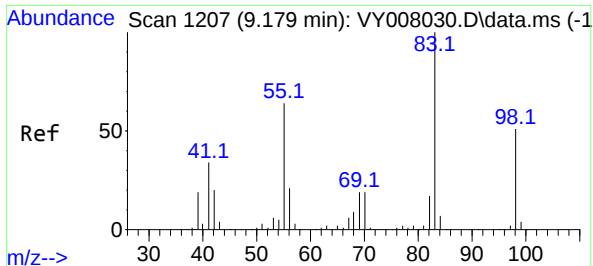
Ion Ratio Lower Upper

117 100

119 89.9 77.9 116.9

121 29.6 24.8 37.2





#39

Methylcyclohexane

Concen: 3.603 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

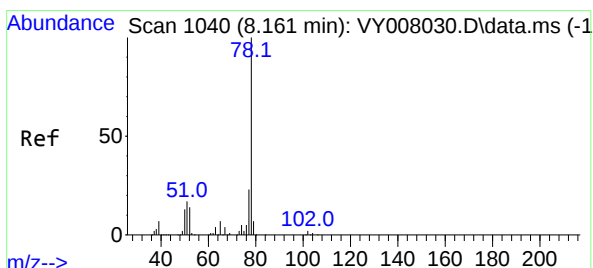
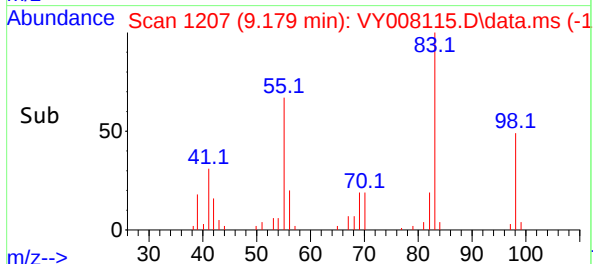
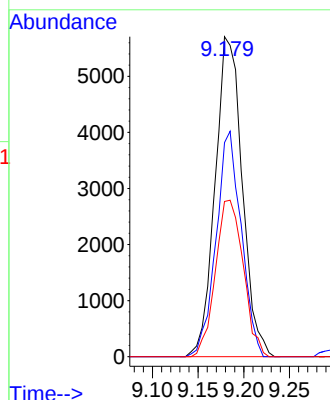
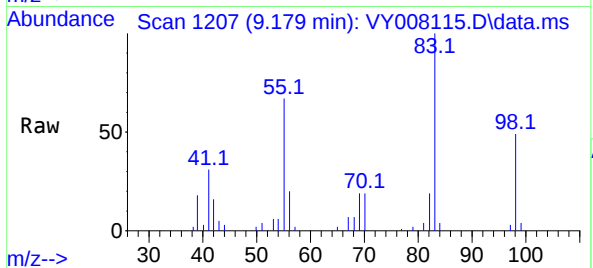
Tgt Ion: 83 Resp: 11789

Ion Ratio Lower Upper

83 100

55 66.9 66.5 99.7

98 48.5 37.9 56.9



#40

Benzene

Concen: 3.658 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008115.D

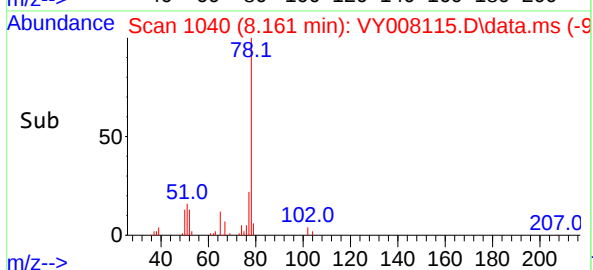
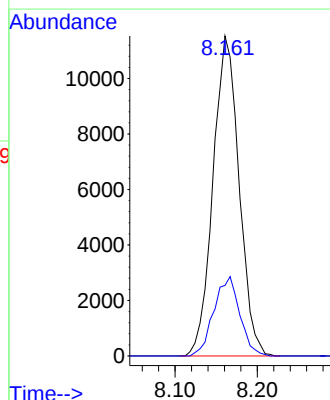
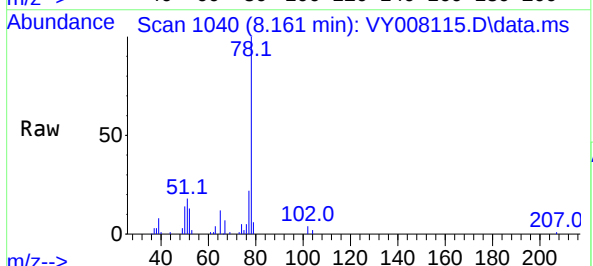
Acq: 30 Mar 2022 17:14

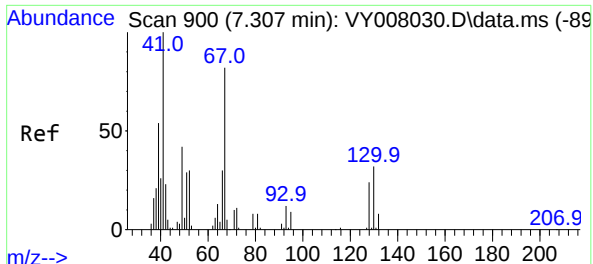
Tgt Ion: 78 Resp: 25365

Ion Ratio Lower Upper

78 100

77 22.0 20.4 30.6

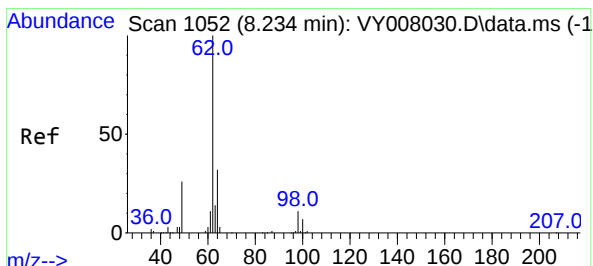
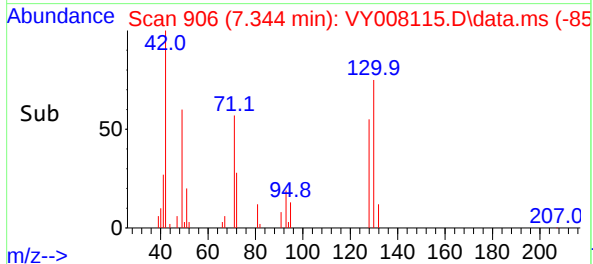
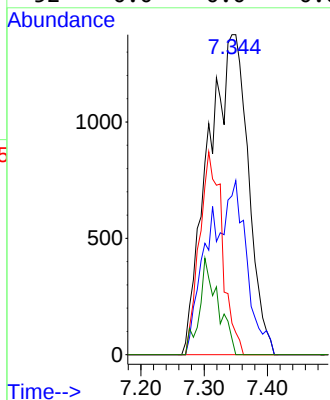
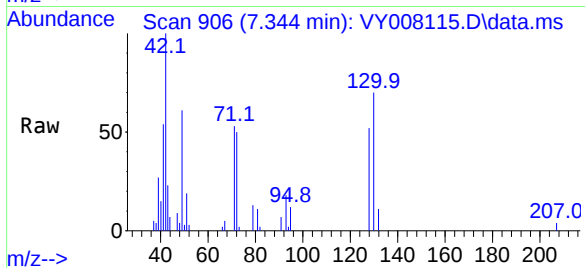




#41
Methacrylonitrile
Concen: 10.671 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

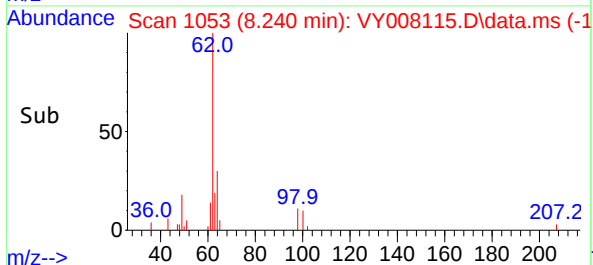
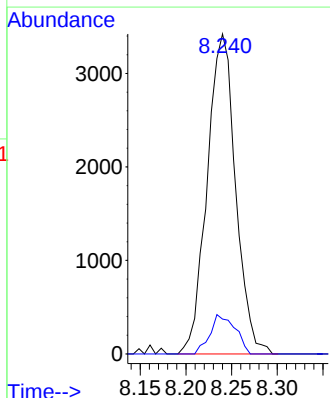
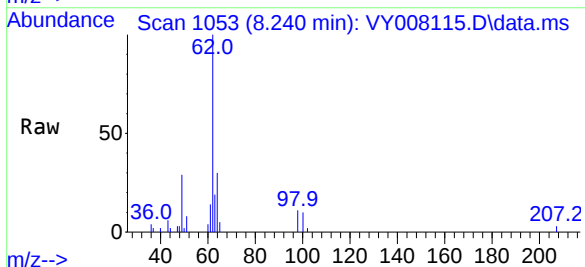
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

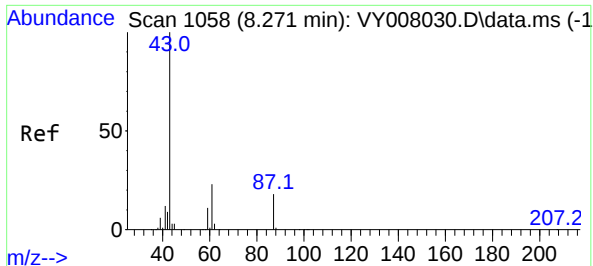
Tgt Ion: 41 Resp: 6068
Ion Ratio Lower Upper
41 100
39 26.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 3.811 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 62 Resp: 7413
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 3.913 ug/l

RT: 8.277 min Scan# 11059

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

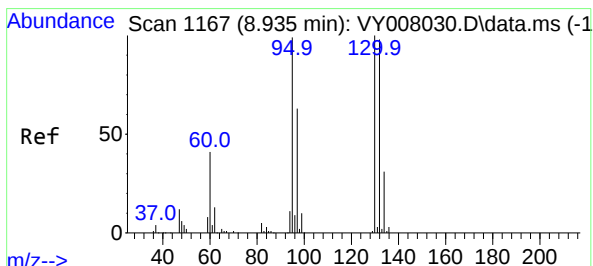
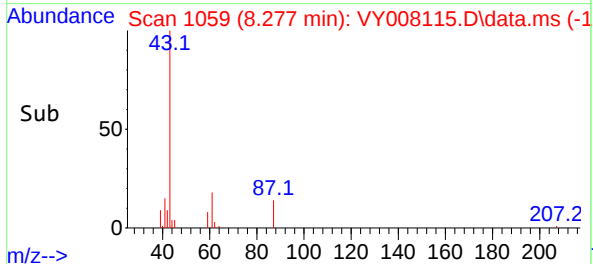
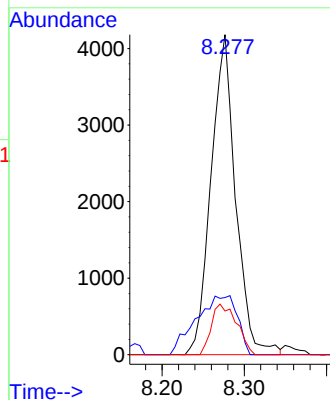
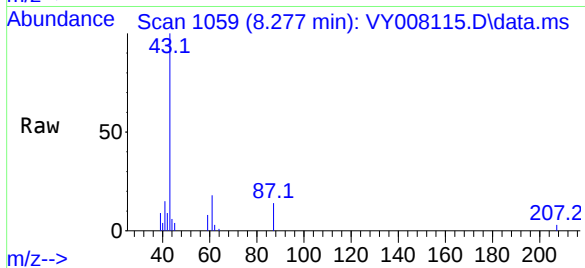
Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 43	Resp: 8698
Ion Ratio	Lower Upper
43 100	
61 30.8	20.2 30.2#
87 16.3	8.9 13.3#



#44

Trichloroethene

Concen: 3.630 ug/l

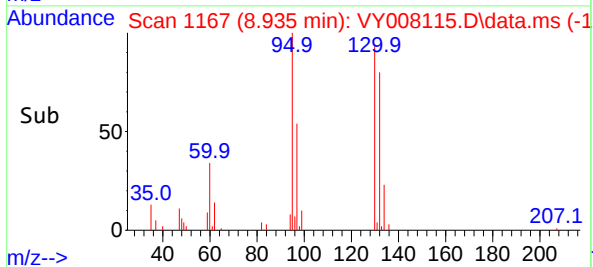
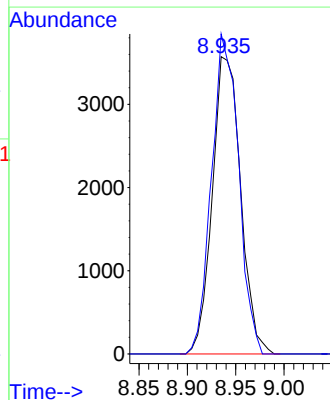
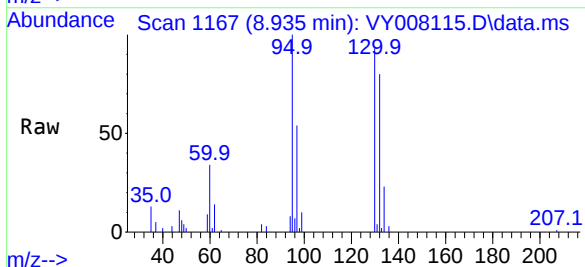
RT: 8.935 min Scan# 1167

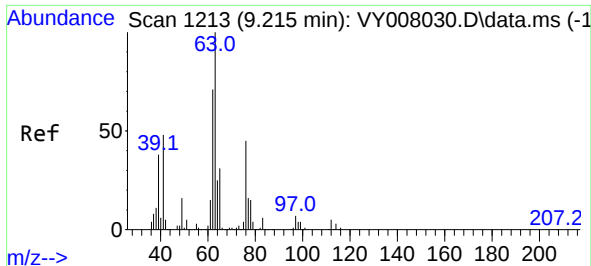
Delta R.T. -0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Tgt Ion: 130	Resp: 7279
Ion Ratio	Lower Upper
130 100	
95 107.6	0.0 188.2





#45

1,2-Dichloropropane

Concen: 3.747 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

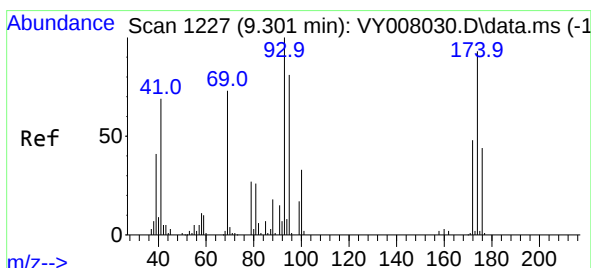
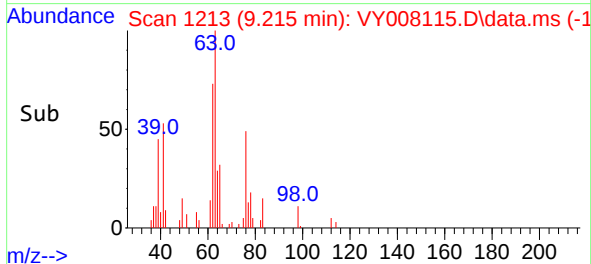
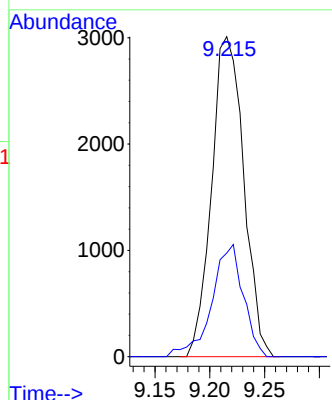
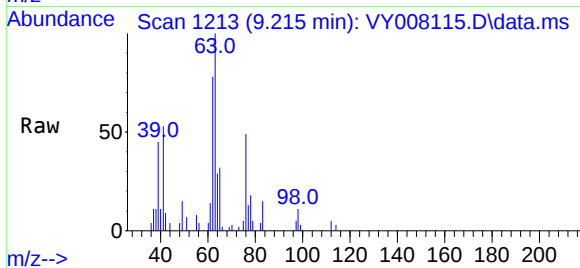
LOQ-SOIL-02-QT1-2022

Tgt Ion: 63 Resp: 6124

Ion Ratio Lower Upper

63 100

65 32.4 23.0 34.6



#46

Dibromomethane

Concen: 3.773 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

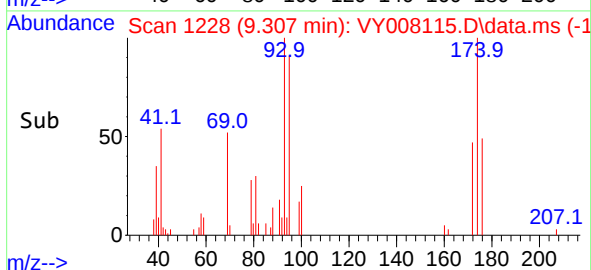
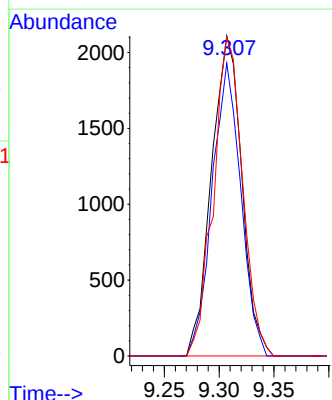
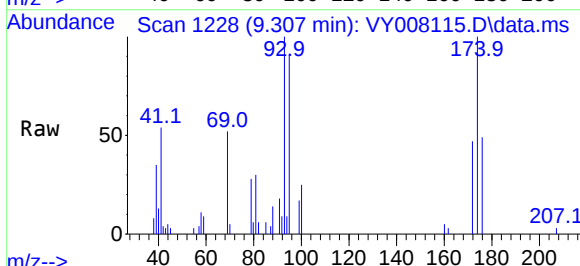
Tgt Ion: 93 Resp: 4054

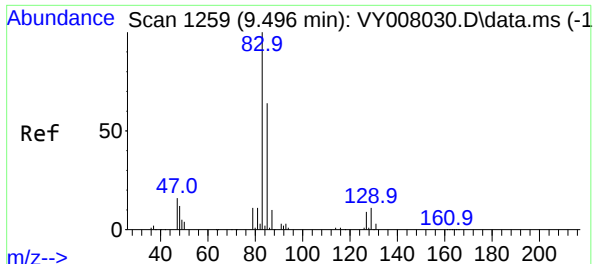
Ion Ratio Lower Upper

93 100

95 86.4 64.3 96.5

174 95.6 83.4 125.0





#47

Bromodichloromethane

Concen: 3.595 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

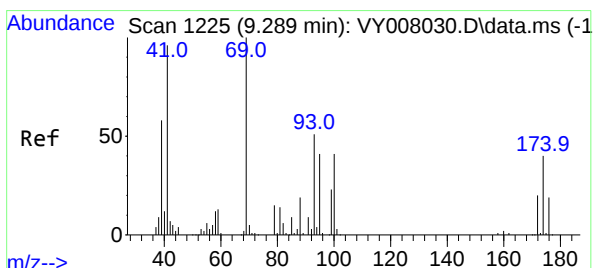
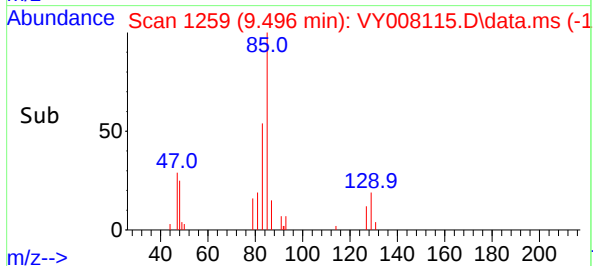
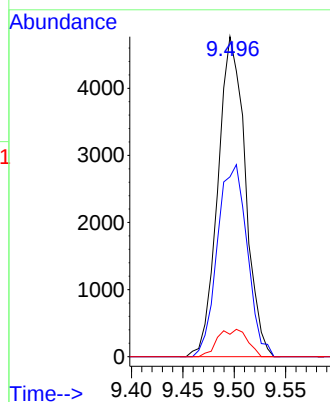
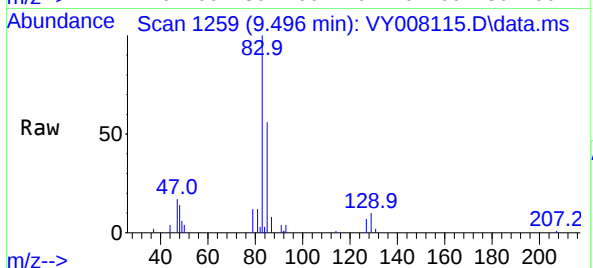
Tgt Ion: 83 Resp: 8833

Ion Ratio Lower Upper

83 100

85 56.2 51.9 77.9

127 7.0 6.6 10.0



#48

Methyl methacrylate

Concen: 3.797 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

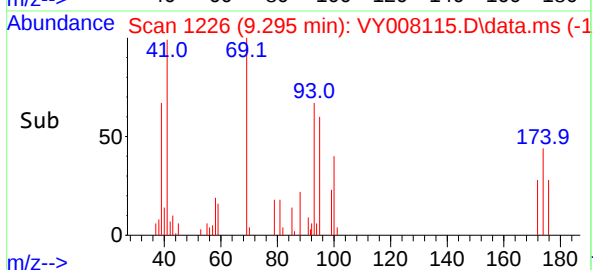
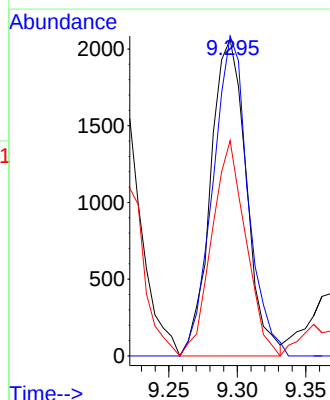
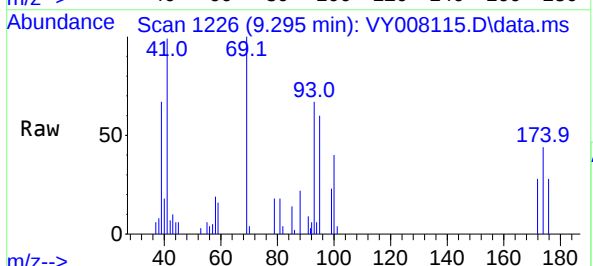
Tgt Ion: 41 Resp: 3739

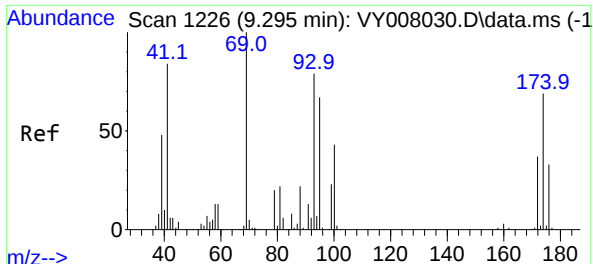
Ion Ratio Lower Upper

41 100

69 99.5 58.2 87.2#

39 64.5 47.4 71.0





#49

1,4-Dioxane

Concen: 76.376 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

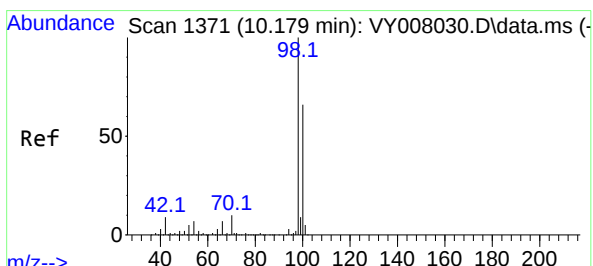
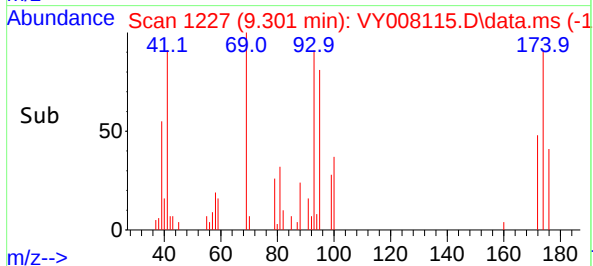
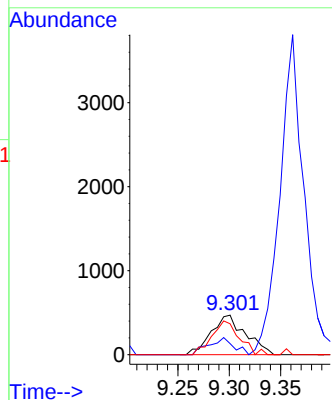
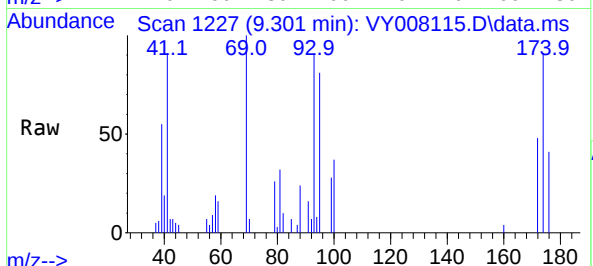
Tgt Ion: 88 Resp: 1091

Ion Ratio Lower Upper

88 100

43 31.4 32.8 49.2#

58 68.8 59.8 89.6



#50

Toluene-d8

Concen: 3.971 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008115.D

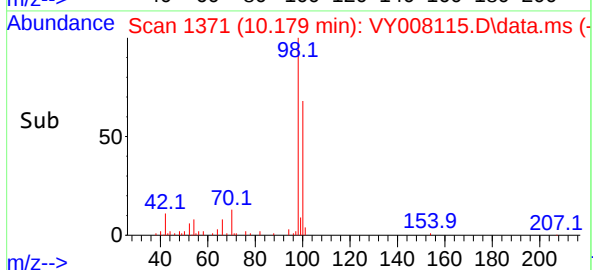
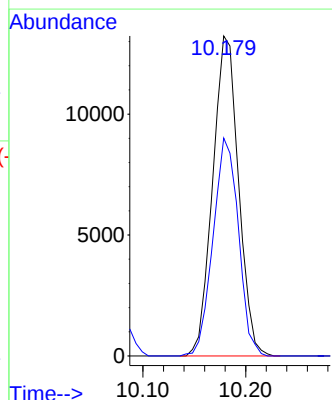
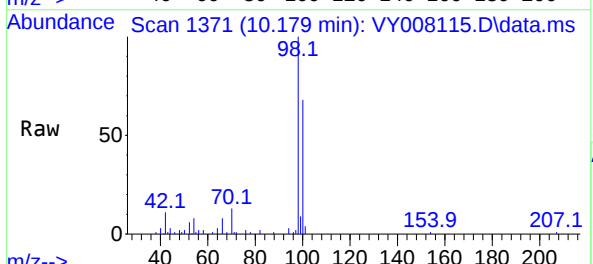
Acq: 30 Mar 2022 17:14

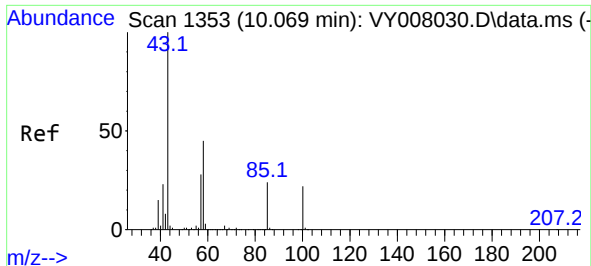
Tgt Ion: 98 Resp: 23085

Ion Ratio Lower Upper

98 100

100 66.8 50.2 75.2

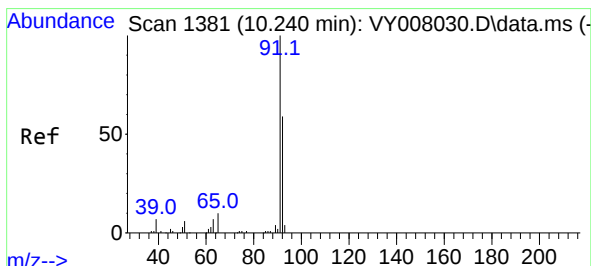
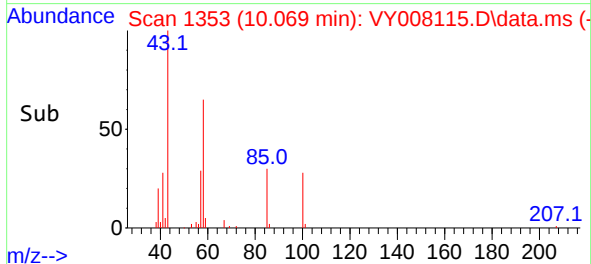
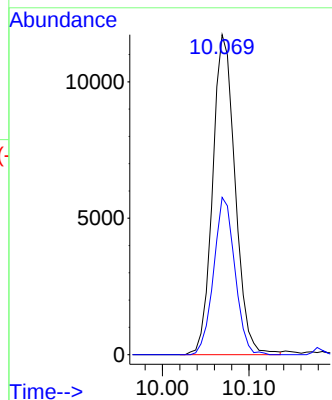
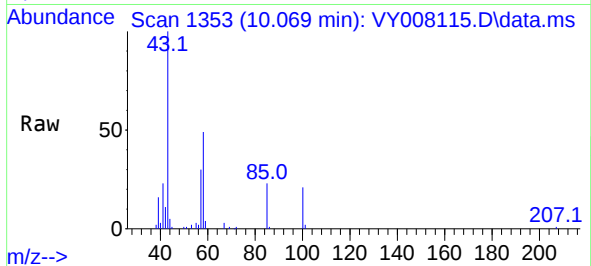




#51
4-Methyl-2-Pentanone
Concen: 18.862 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

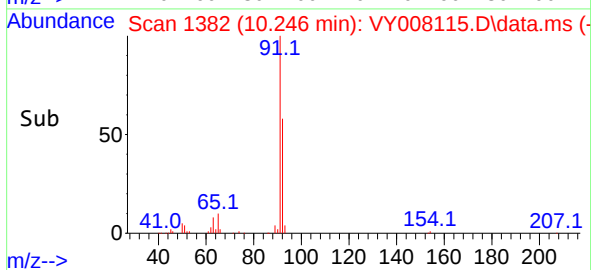
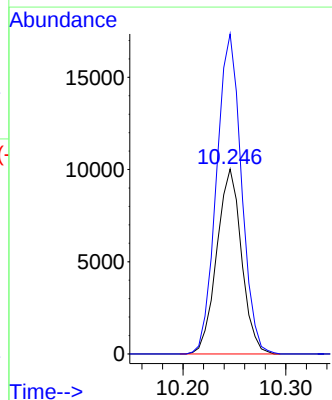
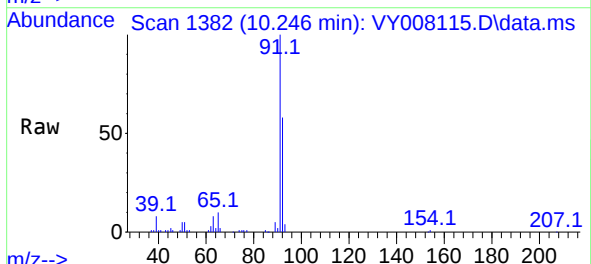
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

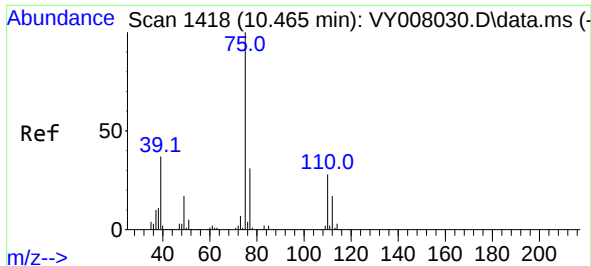
Tgt Ion: 43 Resp: 21149
Ion Ratio Lower Upper
43 100
58 46.5 28.1 42.1#



#52
Toluene
Concen: 3.682 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 92 Resp: 16743
Ion Ratio Lower Upper
92 100
91 174.5 142.6 213.8

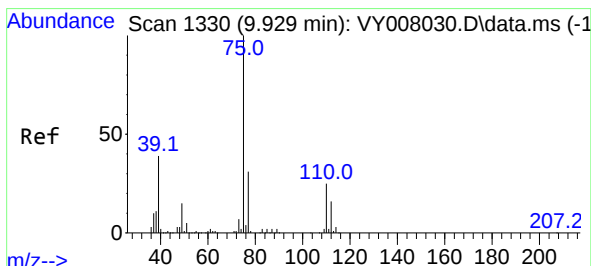
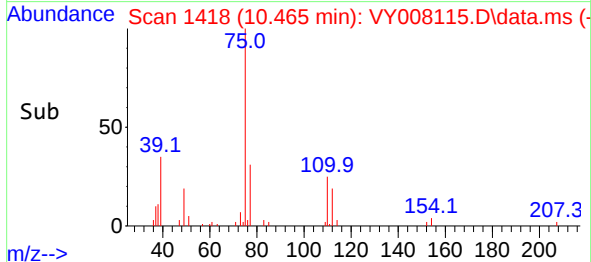
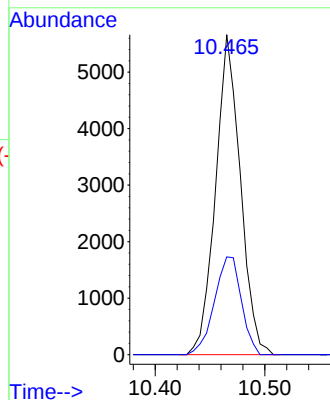
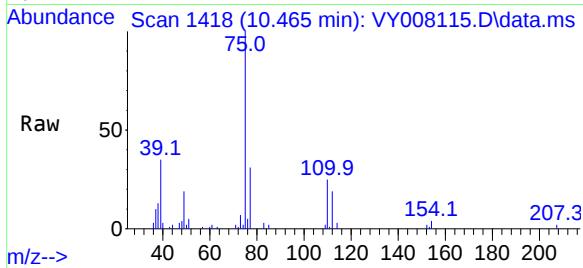




#53
t-1,3-Dichloropropene
Concen: 3.530 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

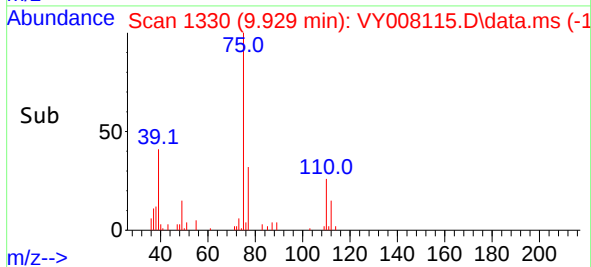
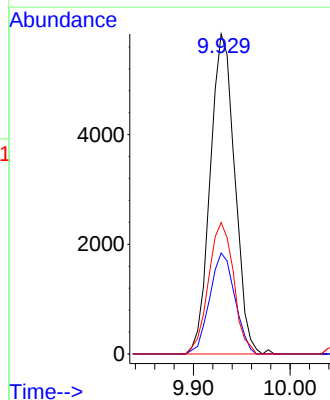
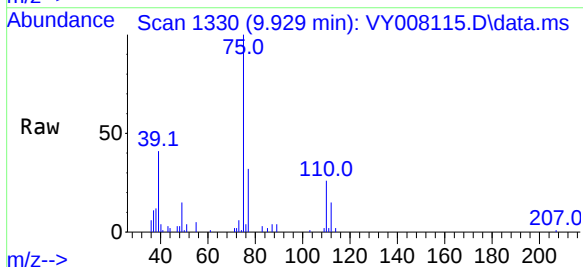
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022

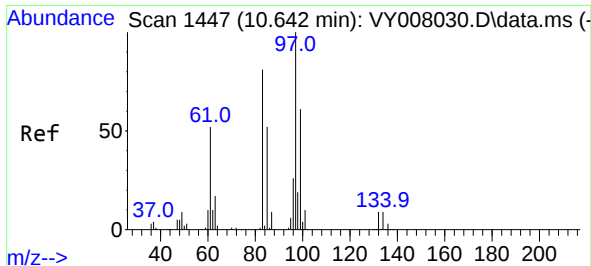
Tgt Ion: 75 Resp: 8891
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 3.610 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 75 Resp: 10294
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 41.1 47.6 71.4#

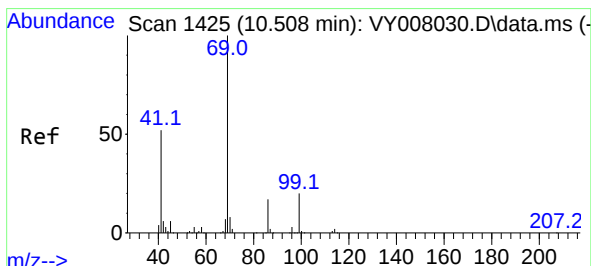
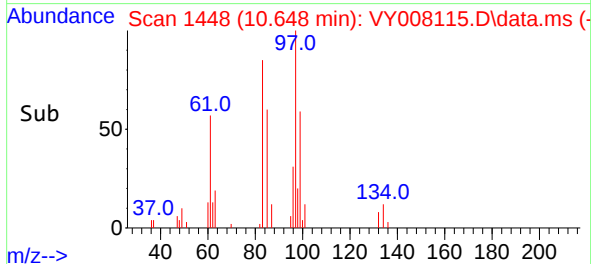
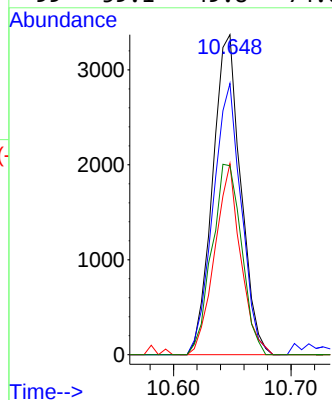
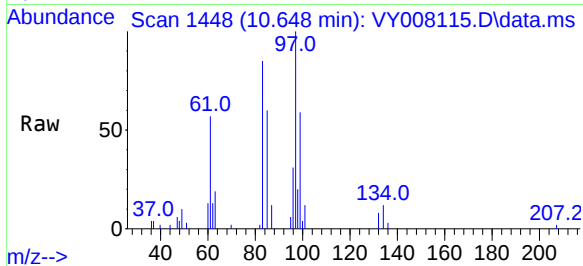




#55
1,1,2-Trichloroethane
Concen: 3.782 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

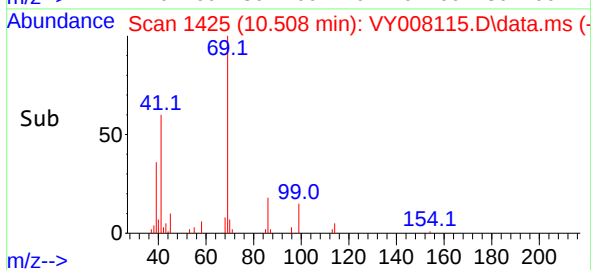
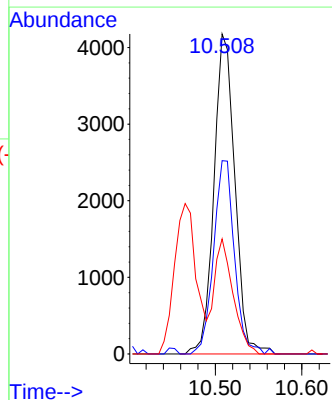
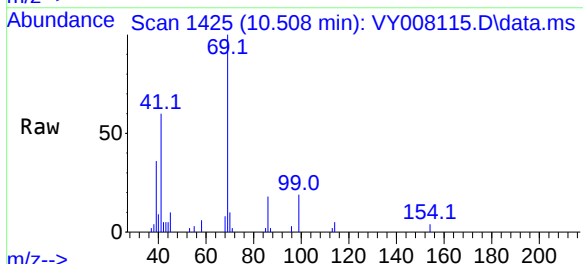
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

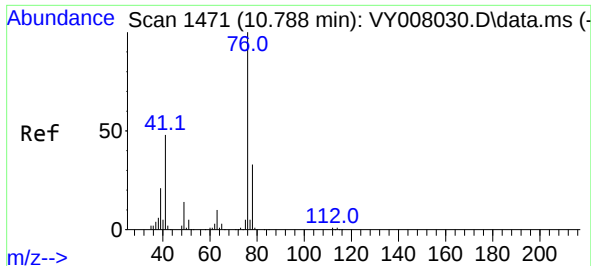
Tgt Ion:	97	Resp:	5612
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.8	104.8
85	59.7	44.3	66.5
99	59.1	49.8	74.6



#56
Ethyl methacrylate
Concen: 3.620 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:	69	Resp:	7007
Ion	Ratio	Lower	Upper
69	100		
41	60.5	63.4	95.0#
39	32.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 3.667 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

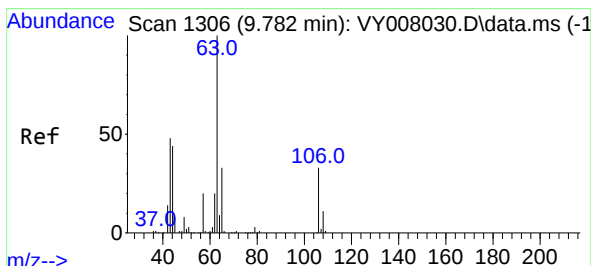
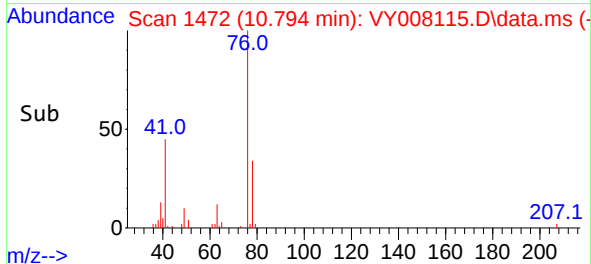
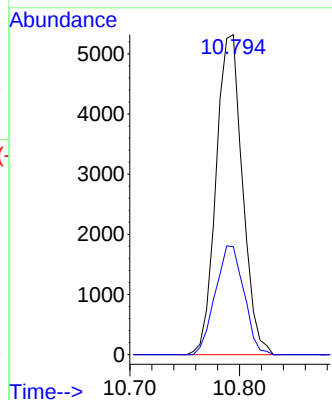
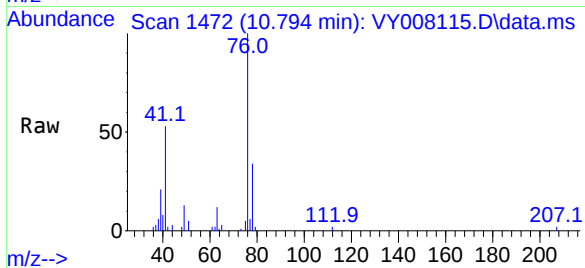
LOQ-SOIL-02-QT1-2022

Tgt Ion: 76 Resp: 8904

Ion Ratio Lower Upper

76 100

78 36.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 21.532 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008115.D

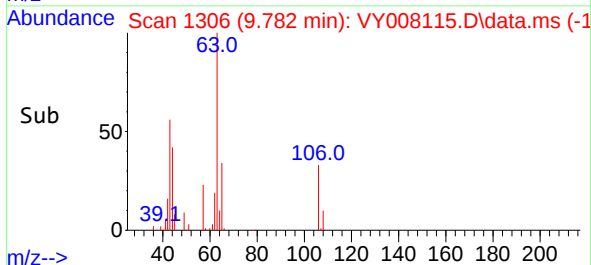
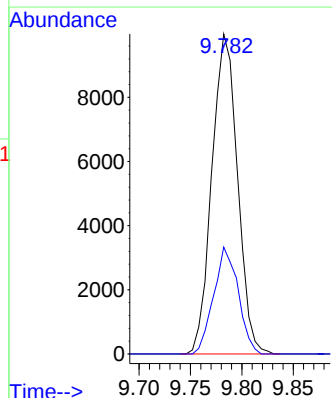
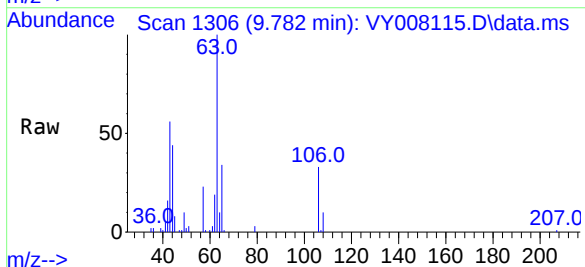
Acq: 30 Mar 2022 17:14

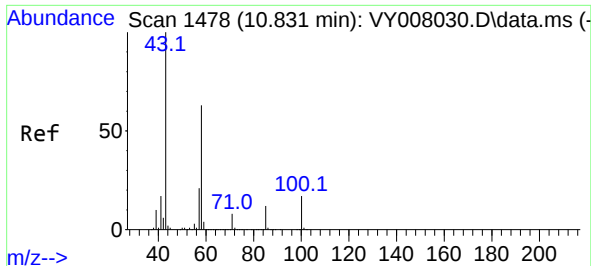
Tgt Ion: 63 Resp: 17267

Ion Ratio Lower Upper

63 100

106 32.0 21.5 32.3

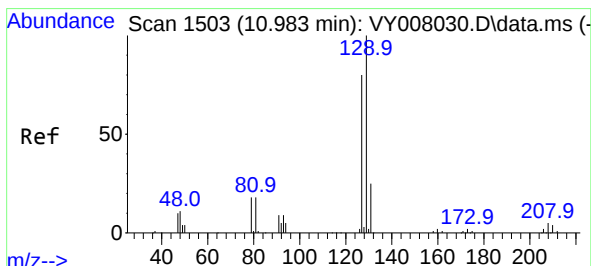
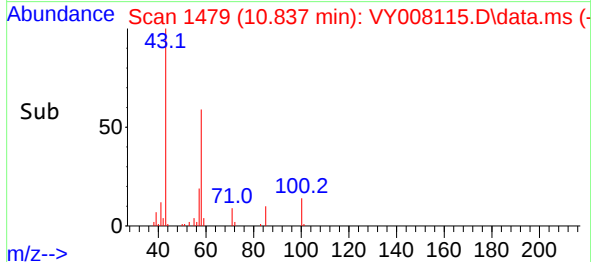
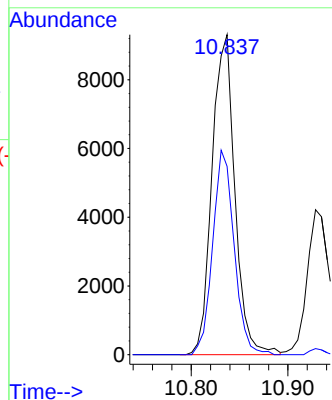
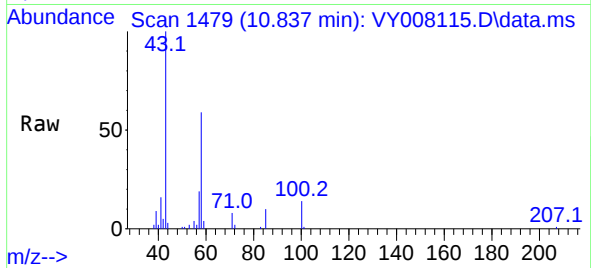




#59
2-Hexanone
Concen: 19.422 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

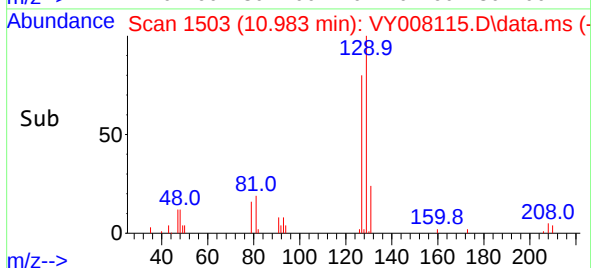
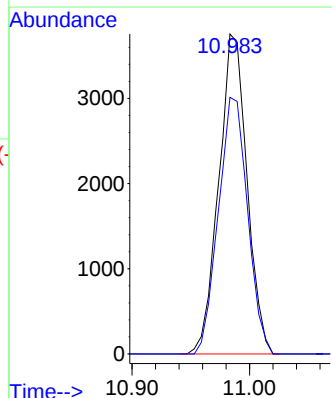
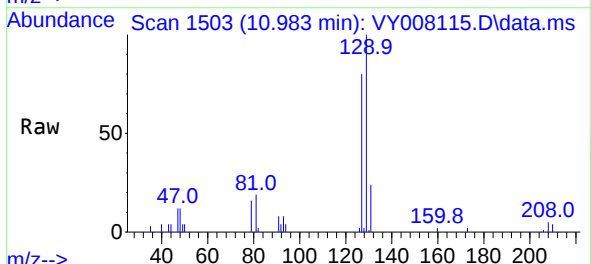
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

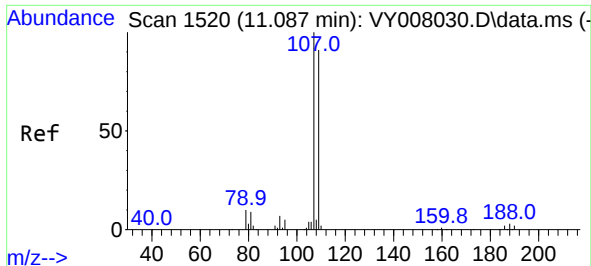
Tgt Ion: 43 Resp: 15238
Ion Ratio Lower Upper
43 100
58 60.2 24.4 73.4



#60
Dibromochloromethane
Concen: 3.475 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 129 Resp: 6270
Ion Ratio Lower Upper
129 100
127 82.9 38.7 116.1

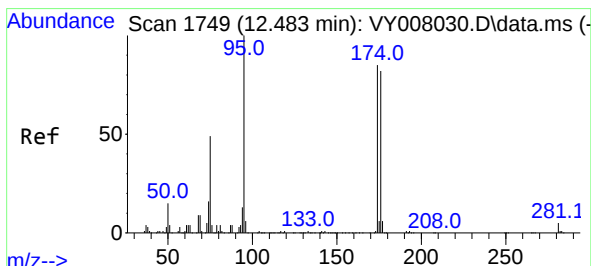
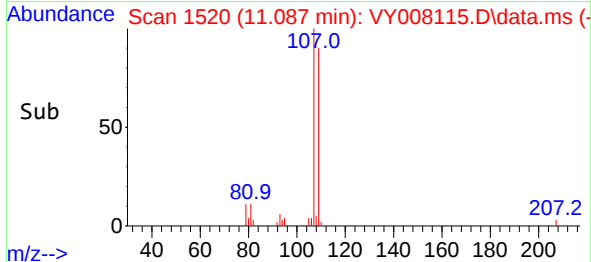
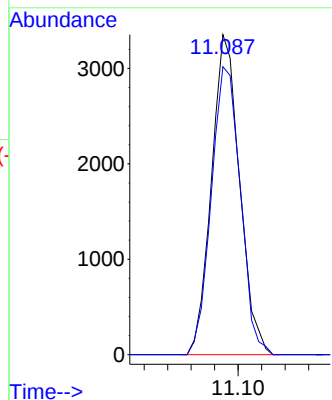
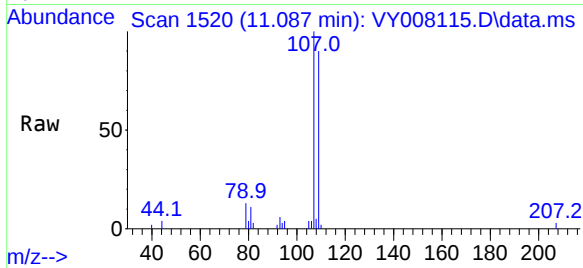




#61
1,2-Dibromoethane
Concen: 3.760 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

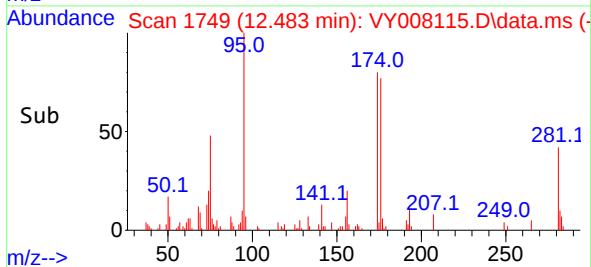
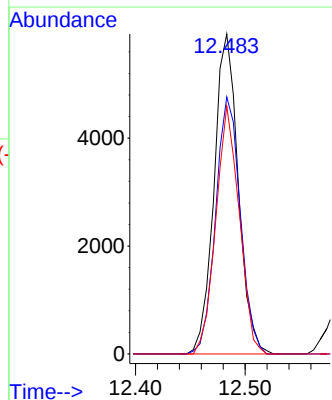
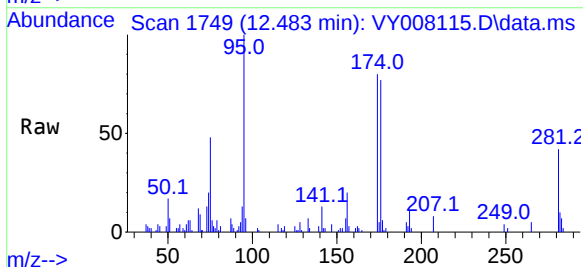
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

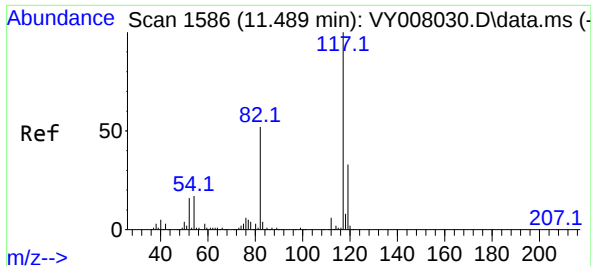
Tgt Ion:107 Resp: 5557
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 95 Resp: 9095
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 74.9 0.0 175.8

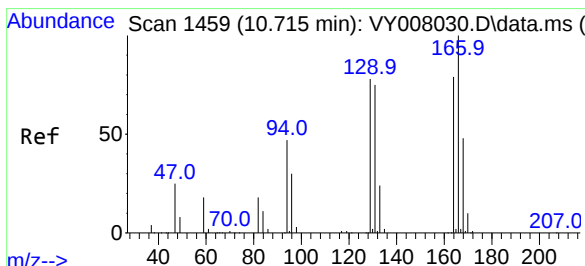
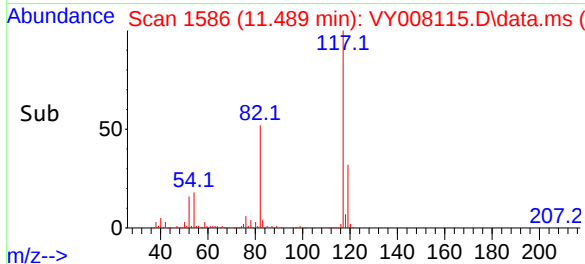
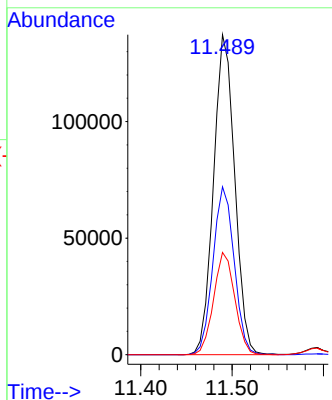
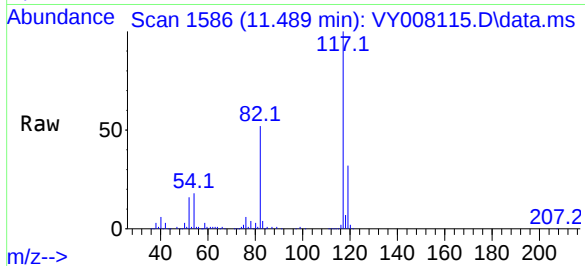




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

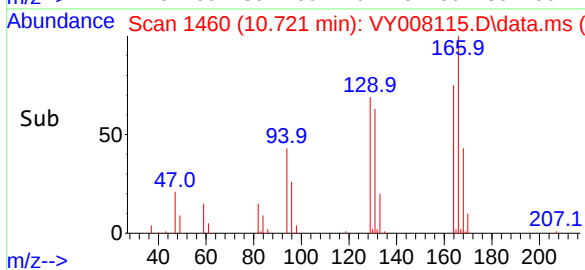
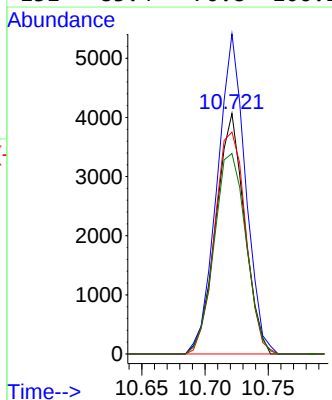
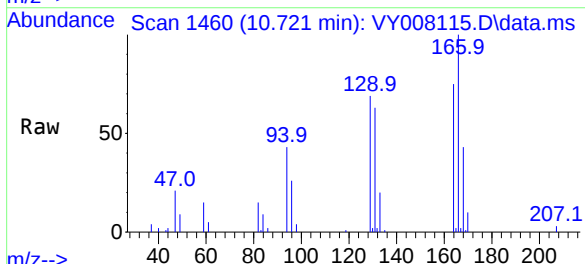
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

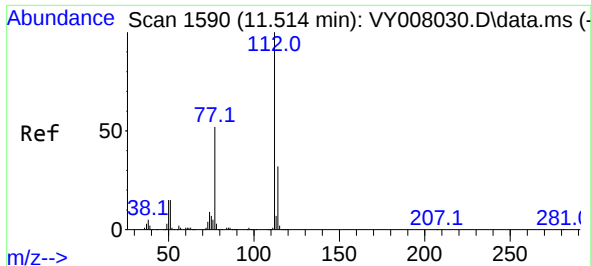
Tgt Ion:117	Resp: 220914		
Ion Ratio	Lower	Upper	
117 100			
82 52.5	43.0	64.4	
119 31.9	25.4	38.0	



#64
Tetrachloroethene
Concen: 3.793 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt	Ion:164	Resp:	6436
Ion	Ratio	Lower	Upper
164	100		
166	133.1	100.4	150.6
129	92.3	71.4	107.0
131	83.4	70.8	106.2

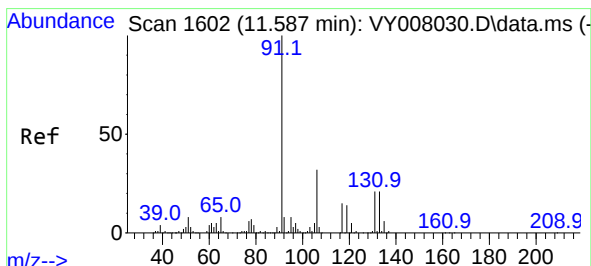
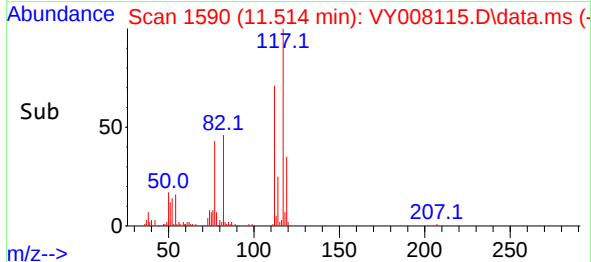
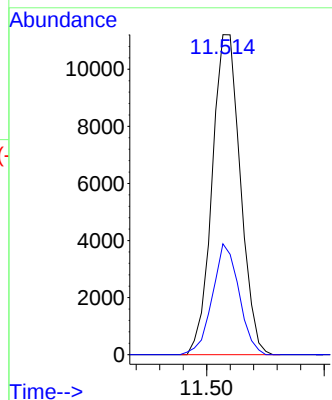
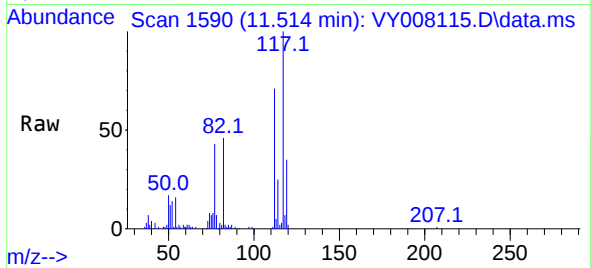




#65
Chlorobenzene
Concen: 3.751 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

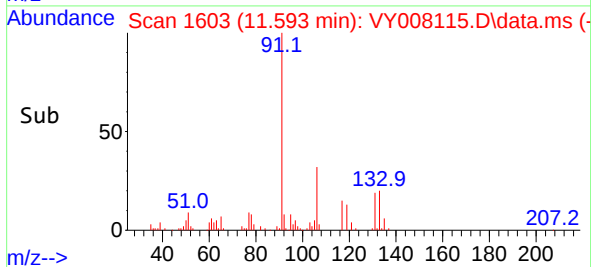
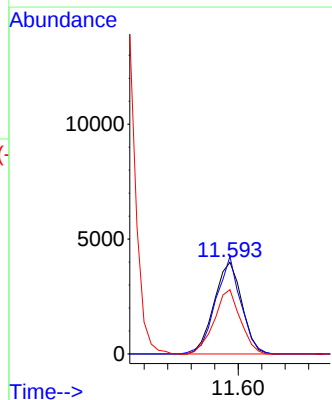
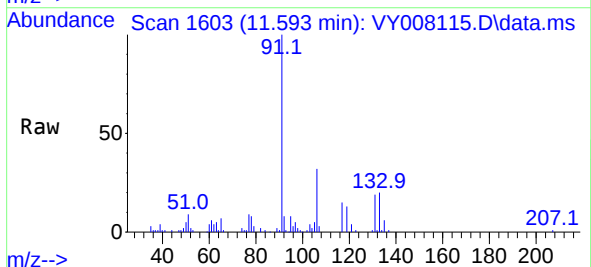
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

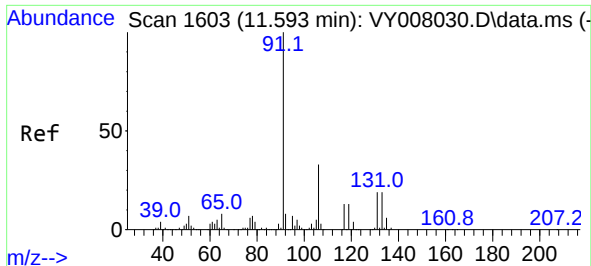
Tgt Ion:112 Resp: 18683
Ion Ratio Lower Upper
112 100
114 34.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 3.561 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:131 Resp: 6542
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 66.2 30.8 92.3

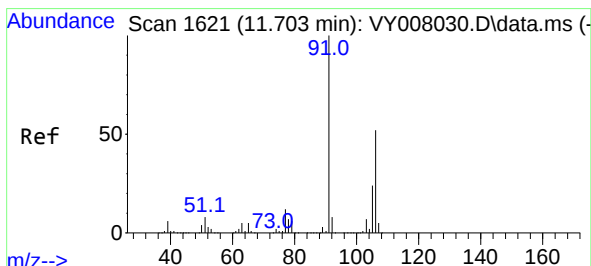
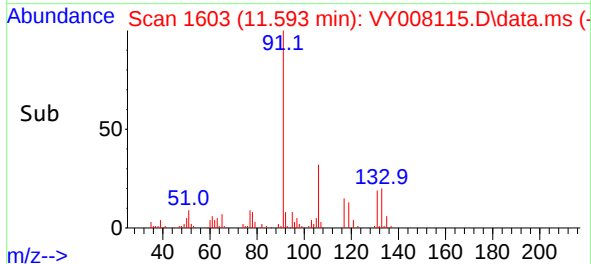
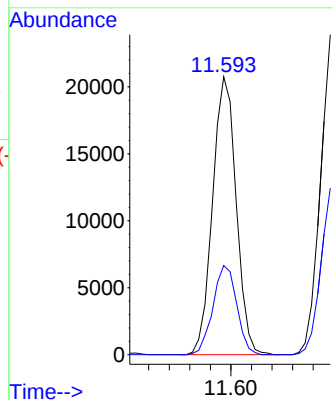
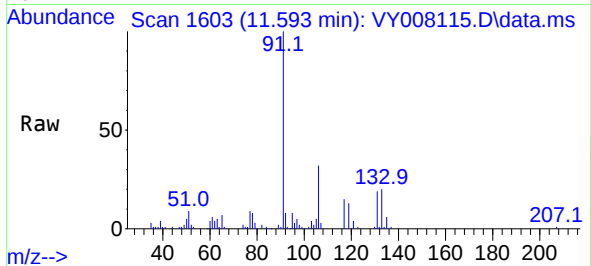




#67
Ethyl Benzene
Concen: 3.782 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

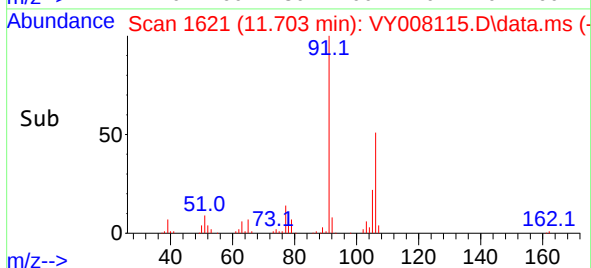
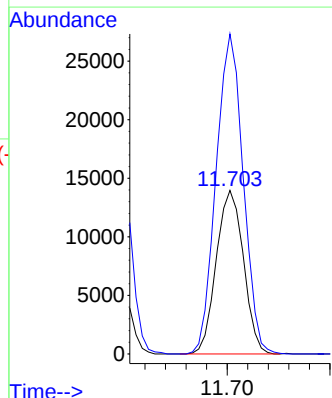
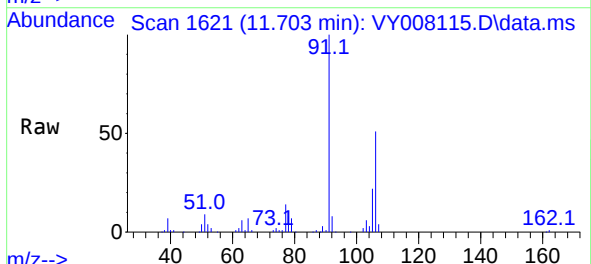
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

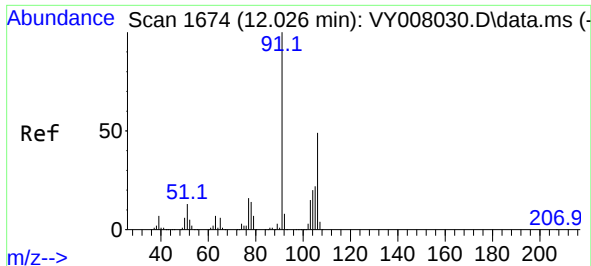
Tgt Ion: 91 Resp: 33021
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 7.379 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:106 Resp: 25618
Ion Ratio Lower Upper
106 100
91 195.3 166.6 249.8

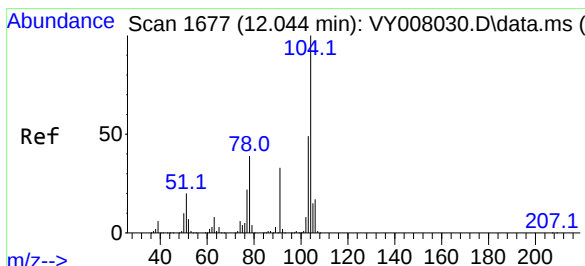
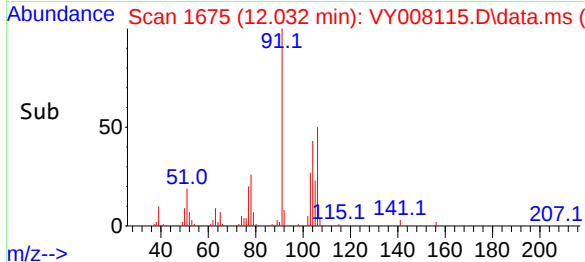
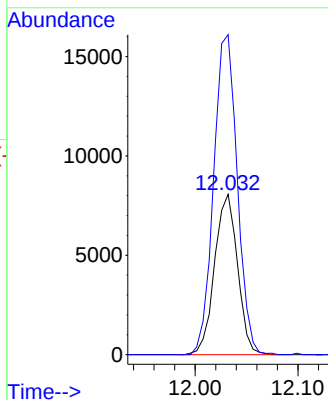
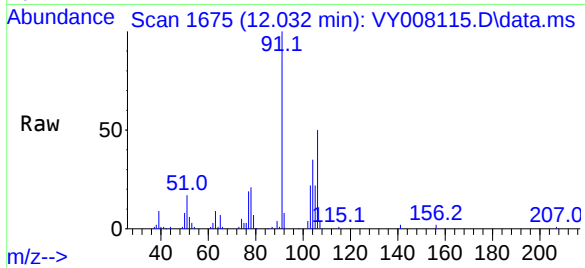




#69
o-Xylene
Concen: 3.758 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

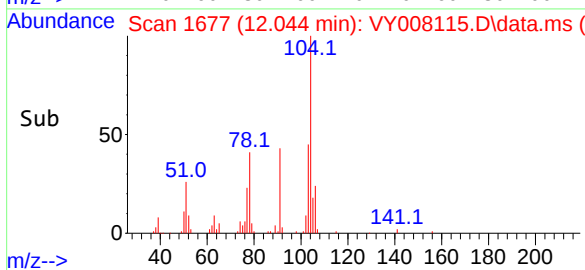
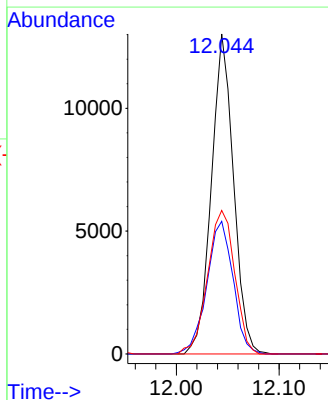
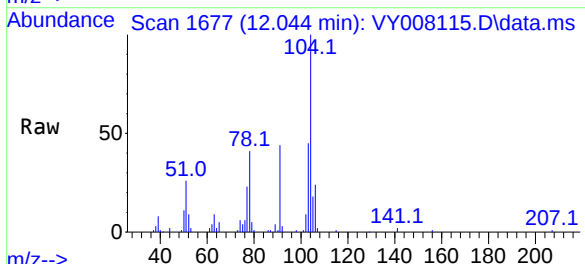
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

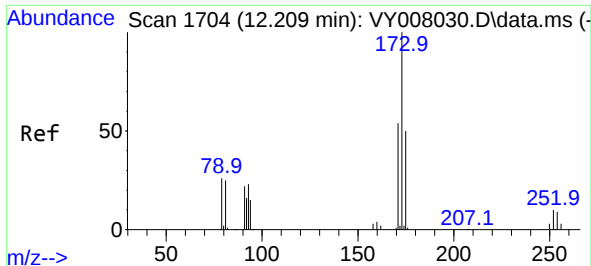
Tgt Ion:106 Resp: 12490
Ion Ratio Lower Upper
106 100
91 205.4 110.3 331.0



#70
Styrene
Concen: 3.590 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:104 Resp: 19535
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 54.9 44.4 66.6

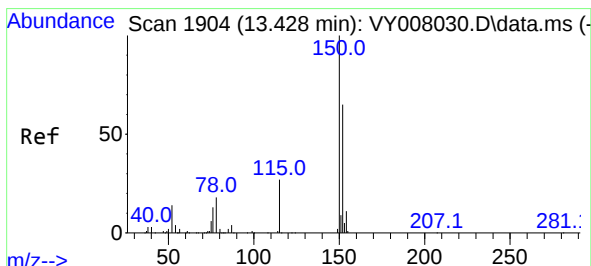
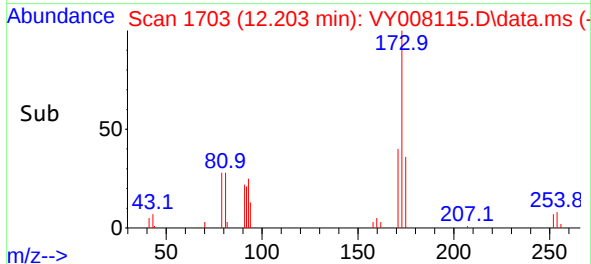
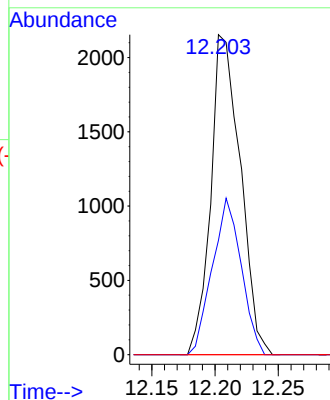
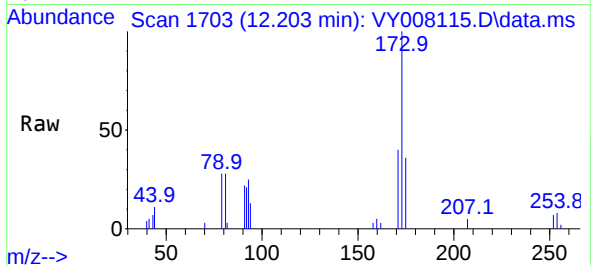




#71
Bromoform
Concen: 3.159 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

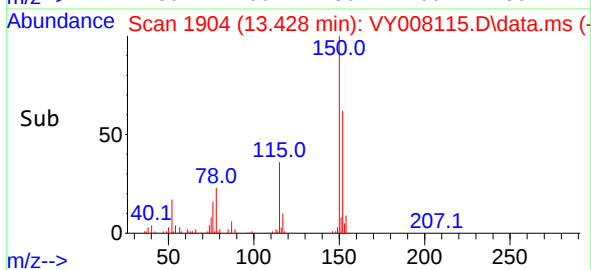
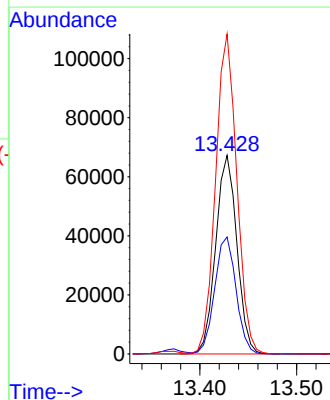
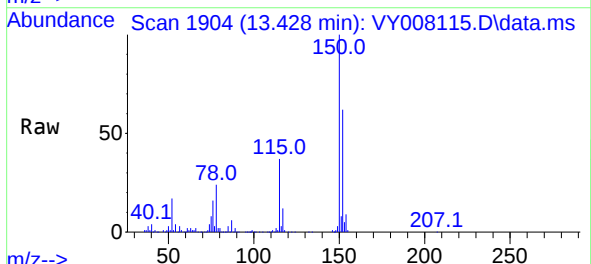
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

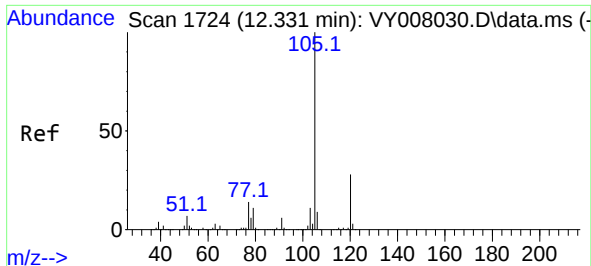
Tgt Ion:173 Resp: 3504
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:152 Resp: 102217
Ion Ratio Lower Upper
152 100
115 59.6 28.2 84.7
150 161.2 0.0 347.6

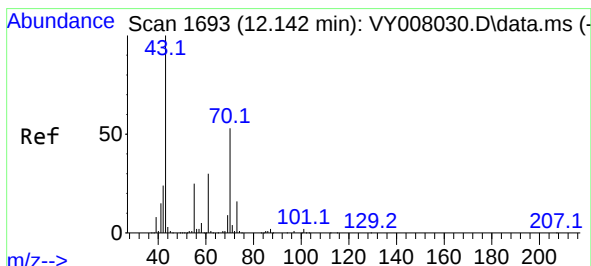
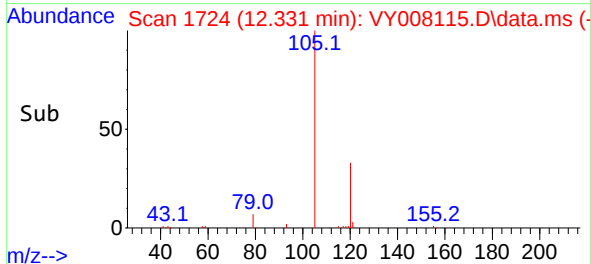
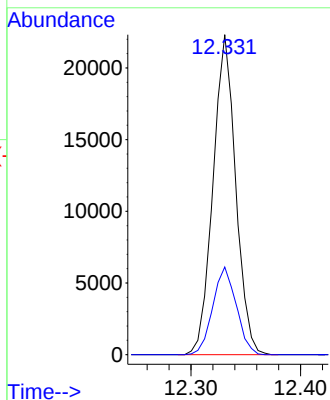
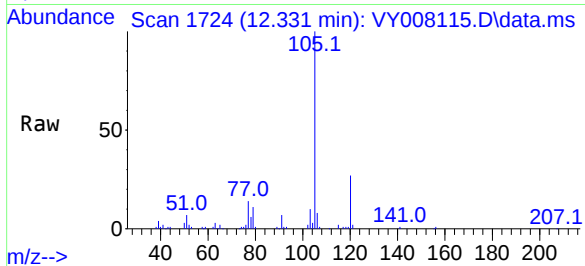




#73
Isopropylbenzene
Concen: 3.802 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

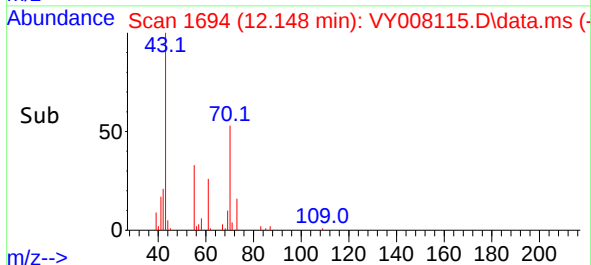
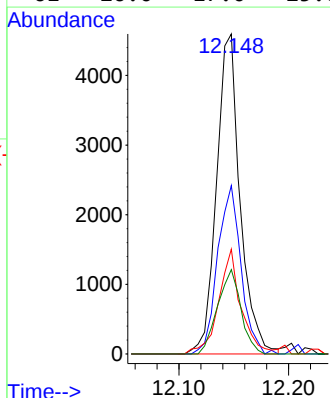
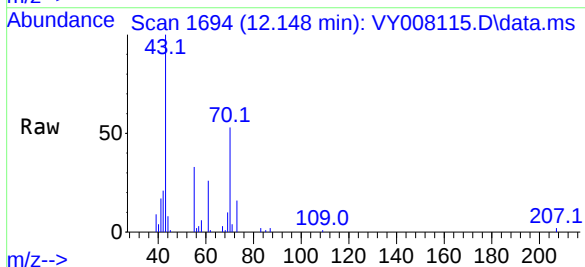
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

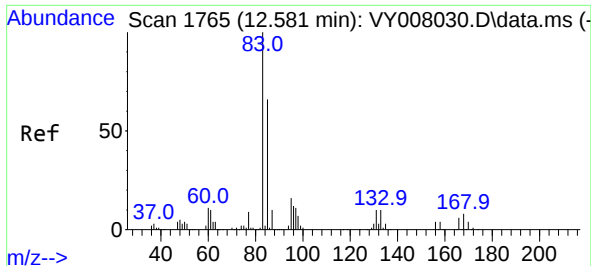
Tgt Ion:105 Resp: 32076
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.2



#74
N-ethyl acetate
Concen: 3.704 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 43 Resp: 6870
Ion Ratio Lower Upper
43 100
70 52.2 28.7 43.1#
55 30.9 17.3 25.9#
61 26.0 17.0 25.6#

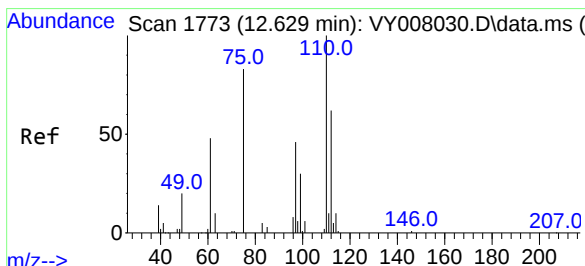
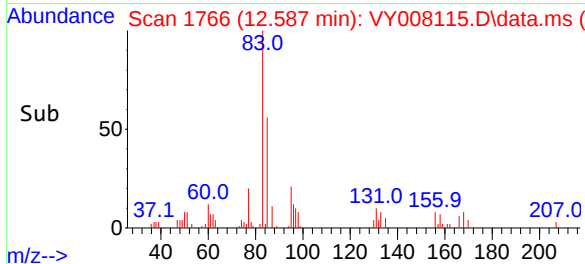
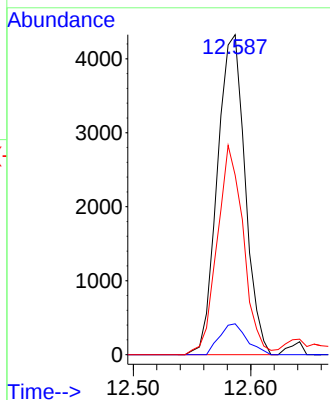
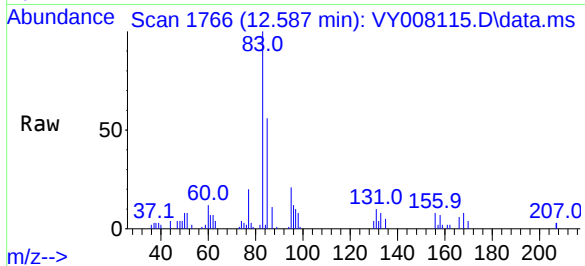




#75
1,1,2,2-Tetrachloroethane
Concen: 4.326 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

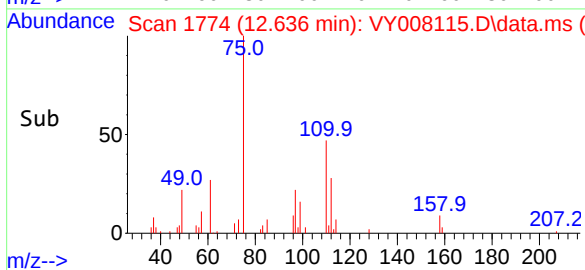
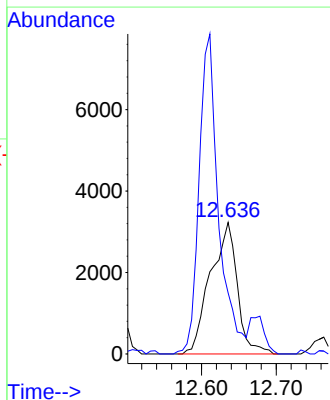
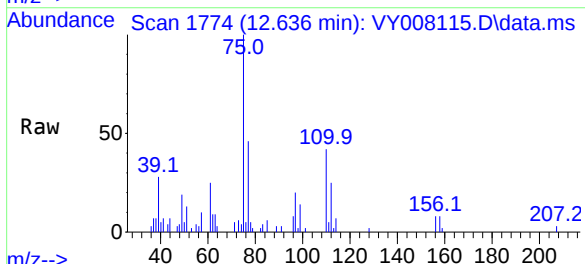
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

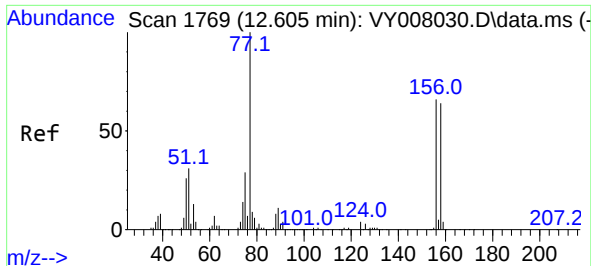
Tgt Ion: 83 Resp: 7094
Ion Ratio Lower Upper
83 100
131 9.5 5.6 16.8
85 61.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 6.469 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 75 Resp: 8061
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

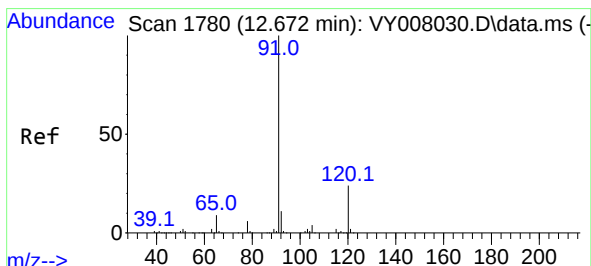
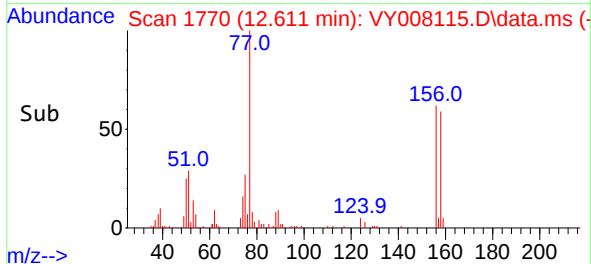
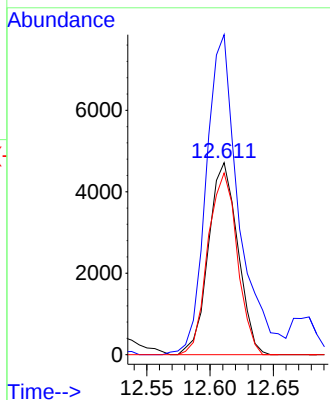
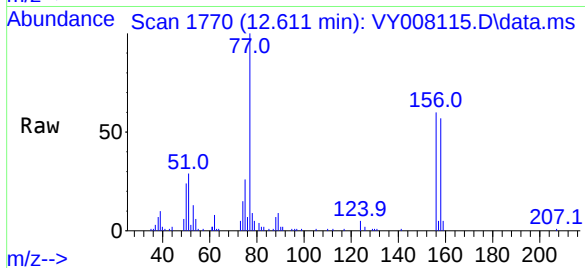




#77
Bromobenzene
Concen: 3.937 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

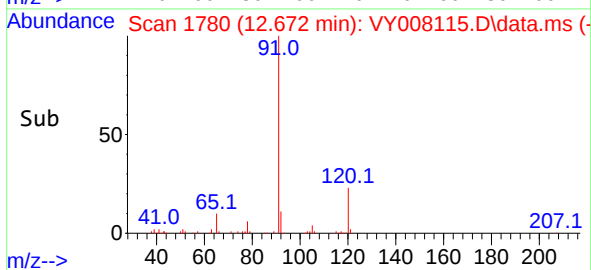
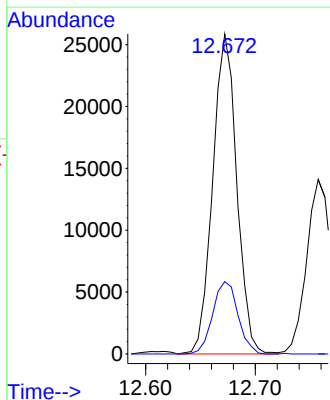
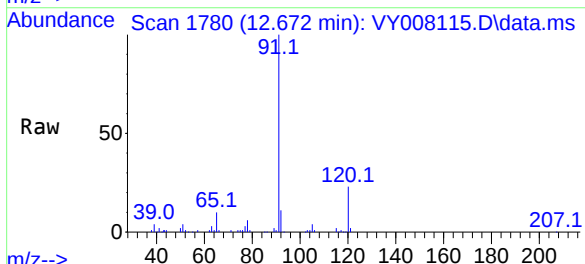
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

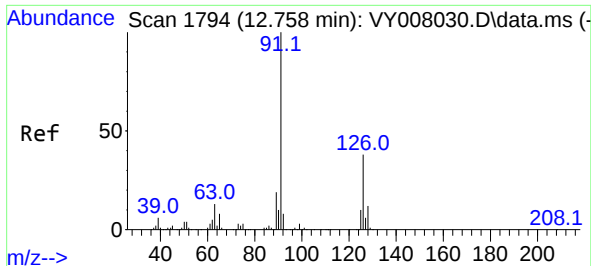
Tgt Ion:156 Resp: 7620
Ion Ratio Lower Upper
156 100
77 186.5 95.5 286.4
158 94.2 48.0 144.0



#78
n-propylbenzene
Concen: 3.962 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 91 Resp: 39433
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9

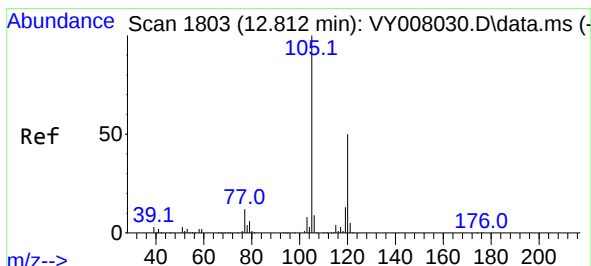
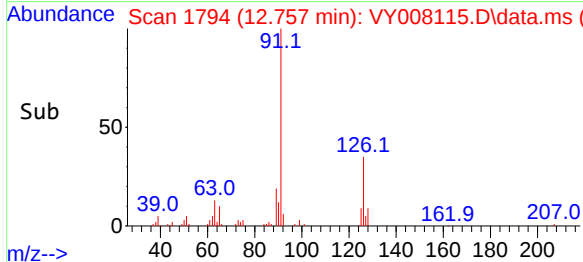
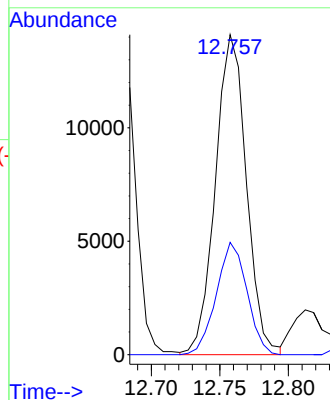
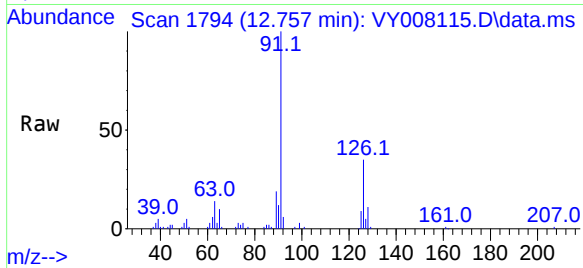




#79
2-Chlorotoluene
Concen: 4.020 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

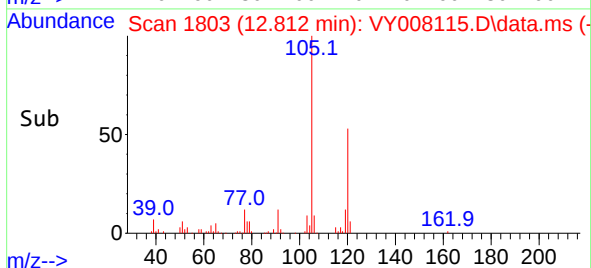
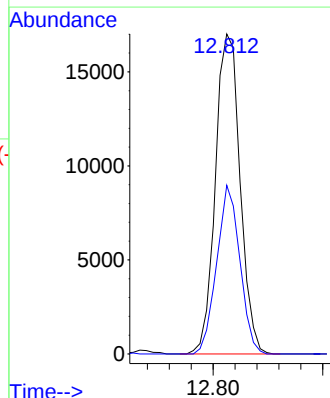
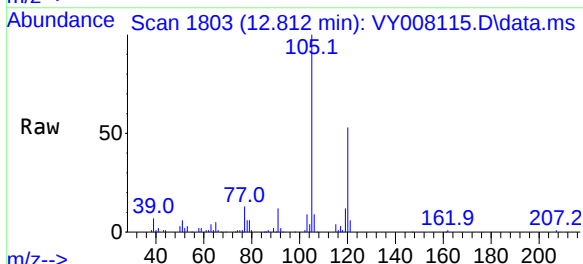
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

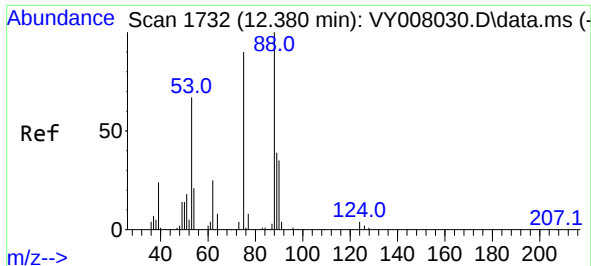
Tgt Ion: 91 Resp: 22191
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 3.853 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:105 Resp: 26634
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4

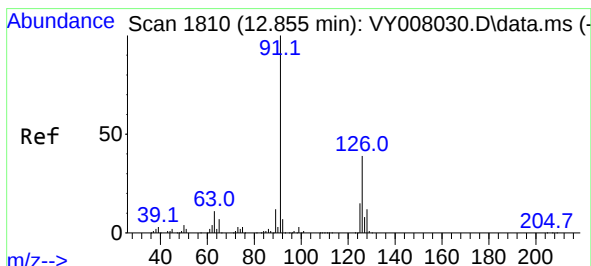
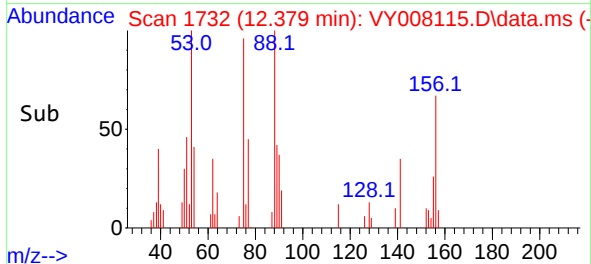
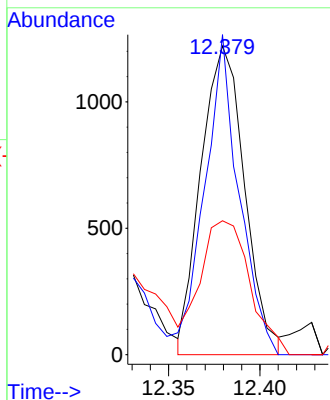
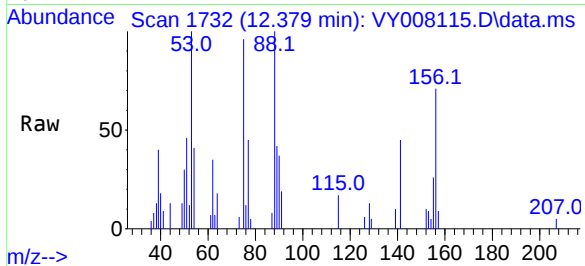




#81
trans-1,4-Dichloro-2-butene
Concen: 3.628 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

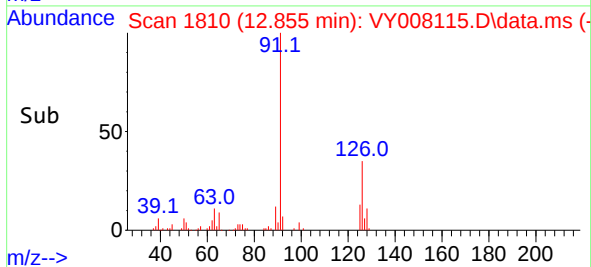
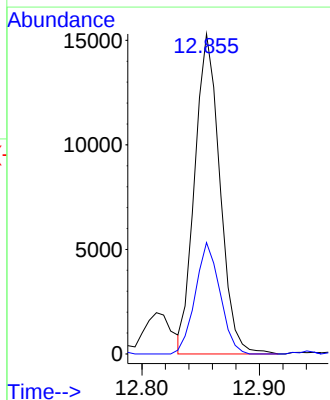
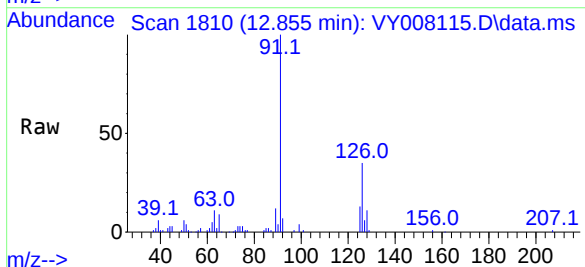
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

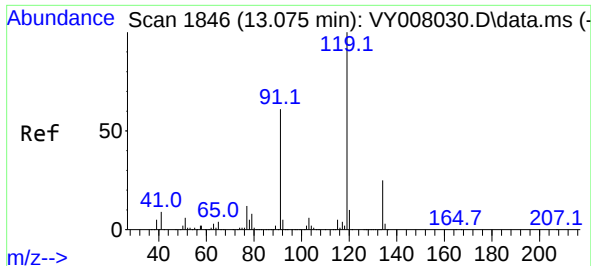
Tgt Ion: 75 Resp: 2026
Ion Ratio Lower Upper
75 100
53 82.0 85.3 127.9#
89 49.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.024 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 91 Resp: 22793
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

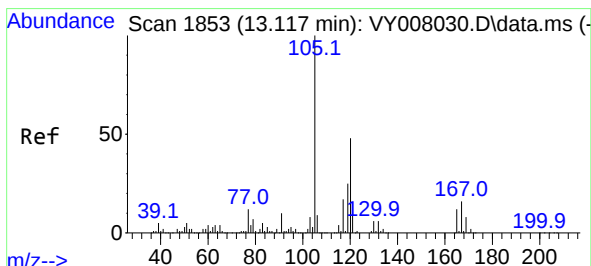
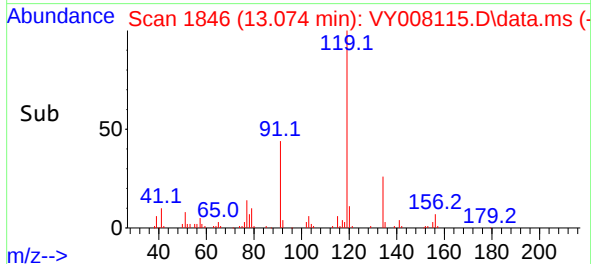
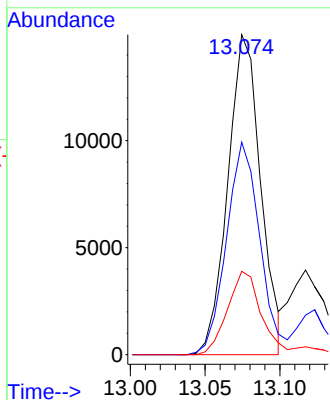
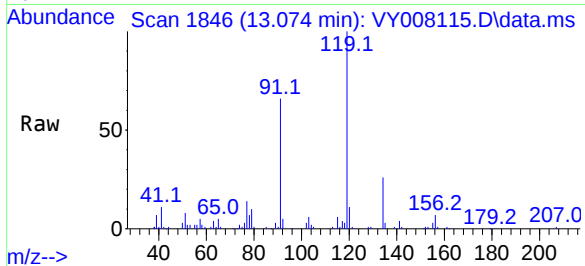




#83
tert-Butylbenzene
Concen: 3.713 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

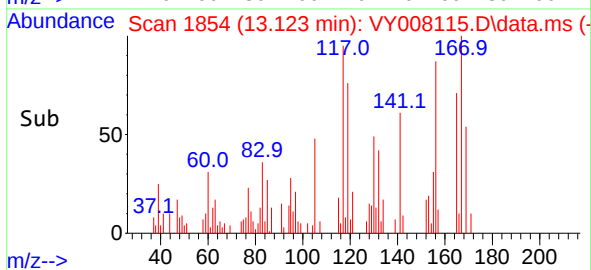
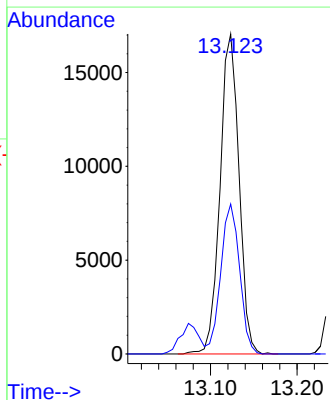
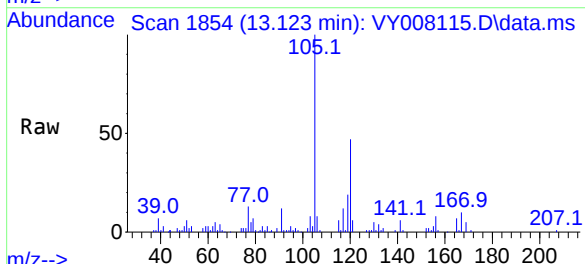
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

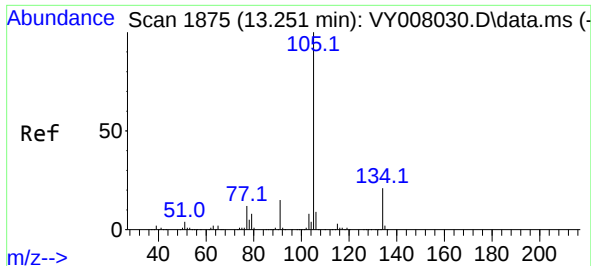
Tgt Ion:	119	Resp:	22863
Ion	Ratio	Lower	Upper
119	100		
91	67.6	34.8	104.4
134	27.0	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 3.851 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:	105	Resp:	25921
Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.3	66.9

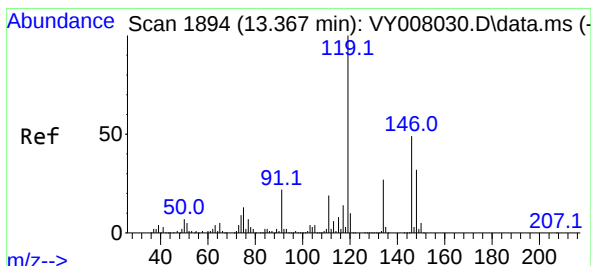
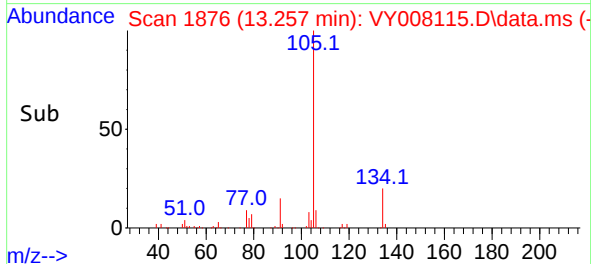
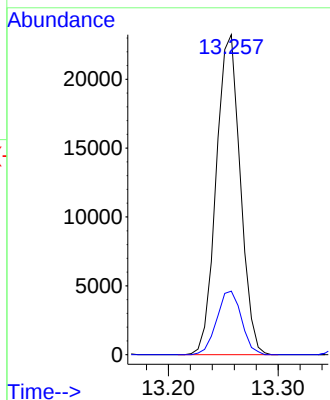
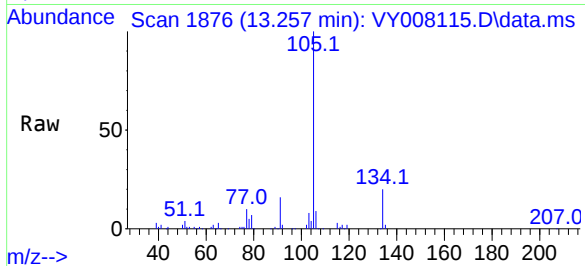




#85
 sec-Butylbenzene
 Concen: 3.898 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14

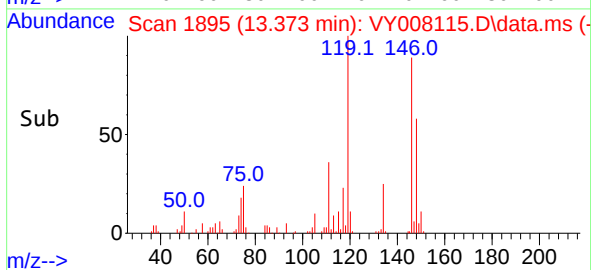
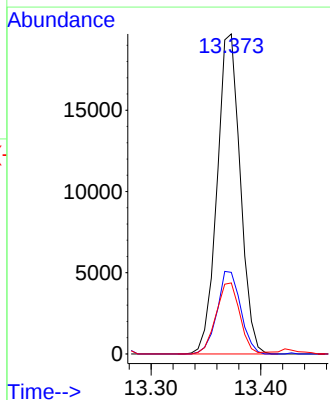
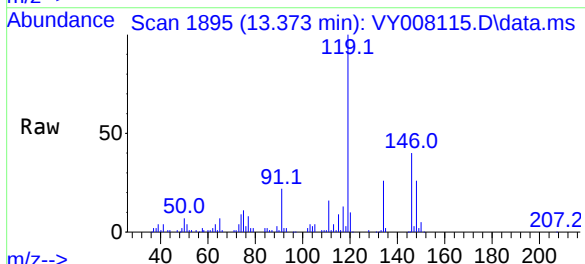
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

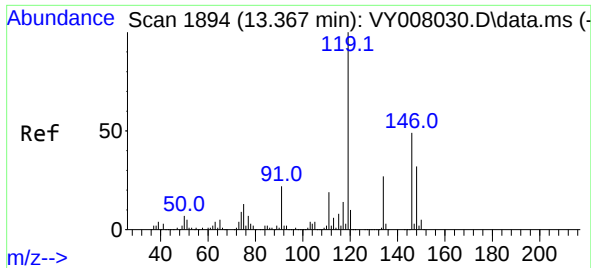
Tgt Ion:105 Resp: 35428
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.822 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14

Tgt Ion:119 Resp: 28912
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.9 12.4 37.2

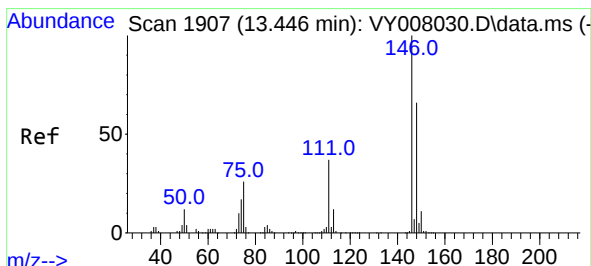
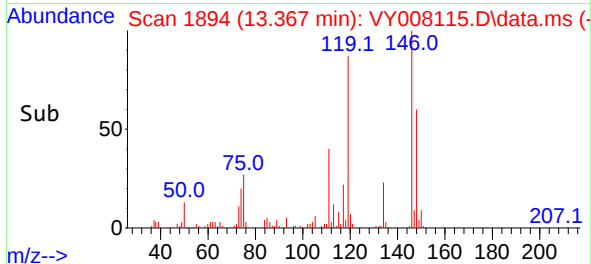
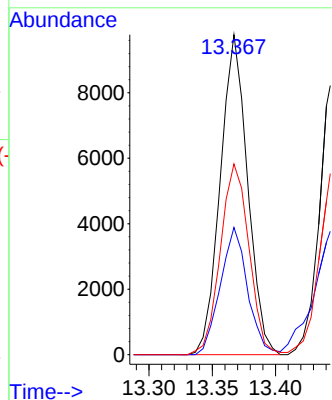
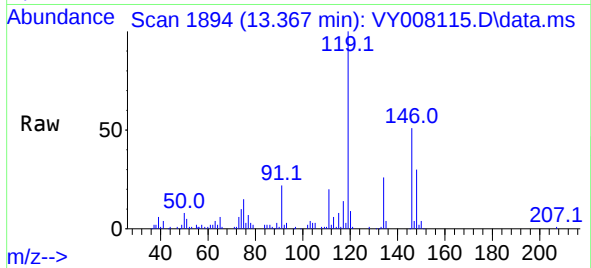




#87
1,3-Dichlorobenzene
Concen: 3.819 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

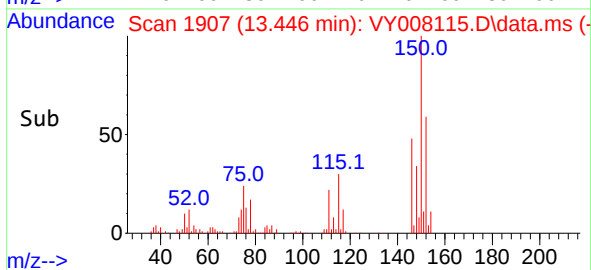
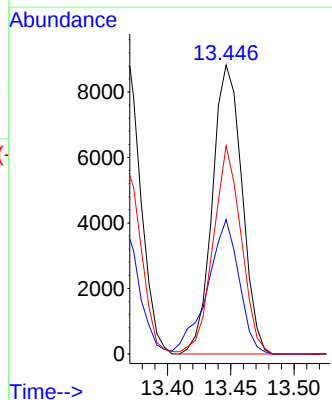
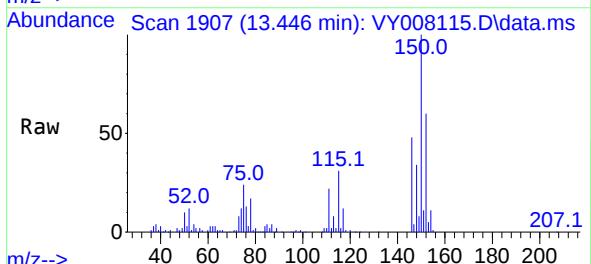
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

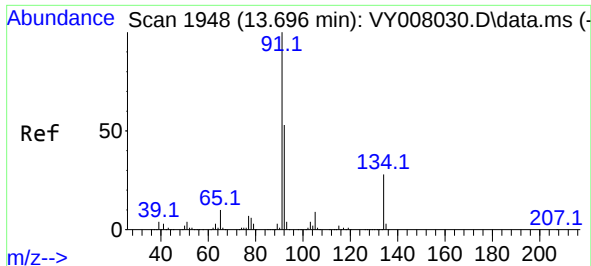
Tgt Ion:	146	Resp:	14654
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.5	58.5
148	62.6	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 3.749 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:	146	Resp:	14349
Ion	Ratio	Lower	Upper
146	100		
111	49.8	19.3	57.8
148	68.3	32.6	97.8

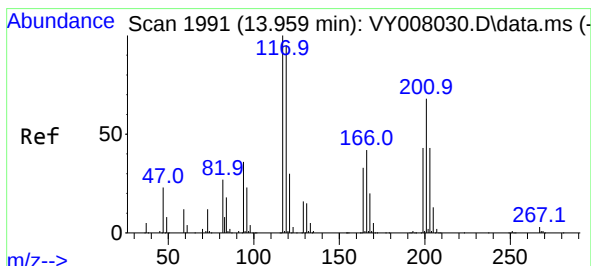
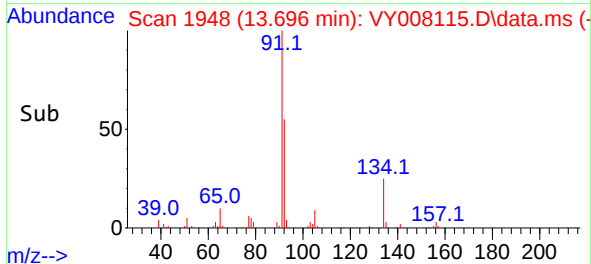
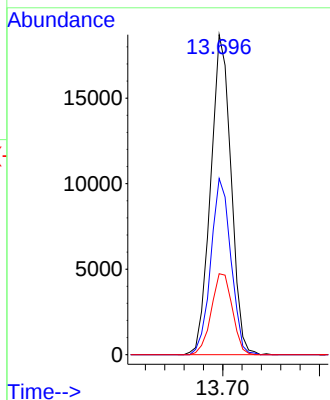
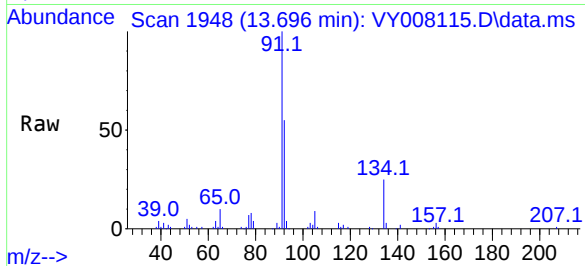




#89
n-Butylbenzene
Concen: 3.932 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

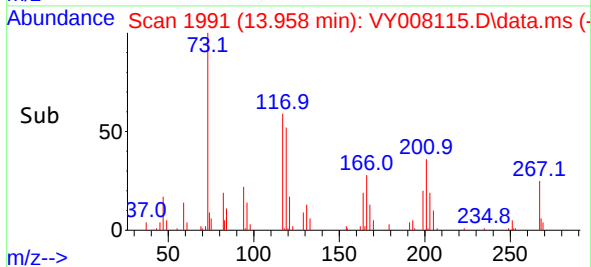
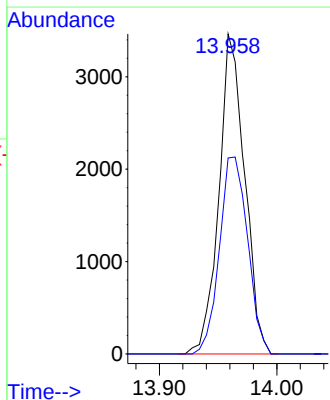
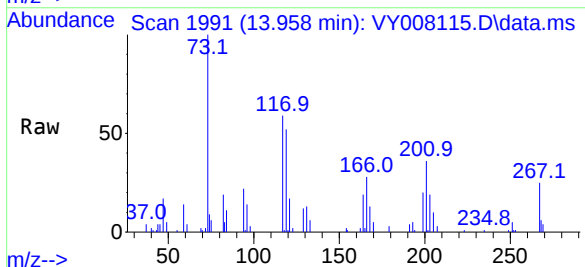
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

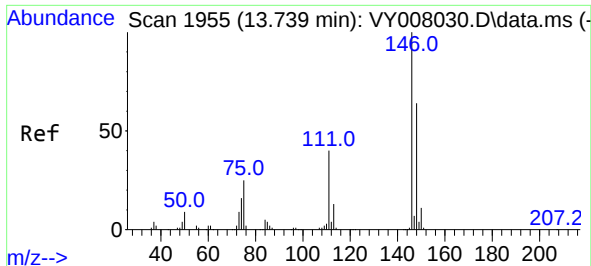
Tgt Ion:	91	Resp:	27365
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.3	78.9
134	26.1	13.0	38.9



#90
Hexachloroethane
Concen: 3.594 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:	117	Resp:	5268
Ion	Ratio	Lower	Upper
117	100		
201	67.4	43.0	128.8





#91

1,2-Dichlorobenzene

Concen: 3.862 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

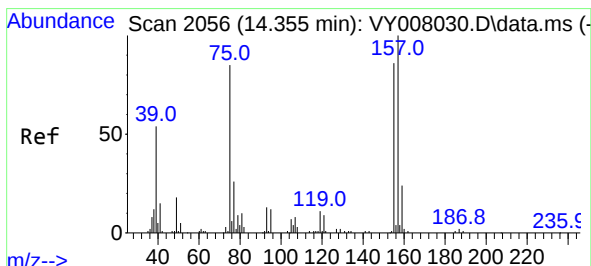
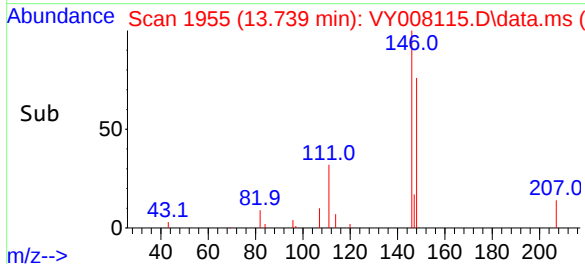
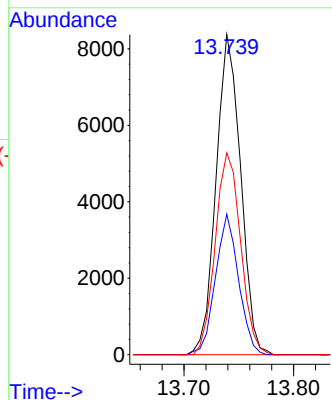
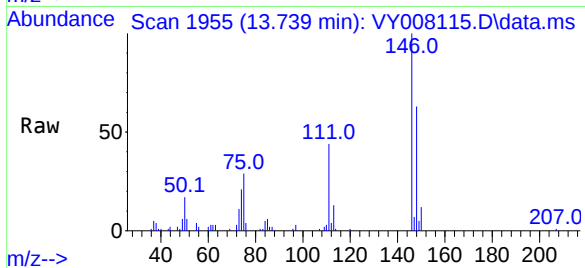
Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:	146	Resp:	13049
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.9
148	65.2	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.019 ug/l

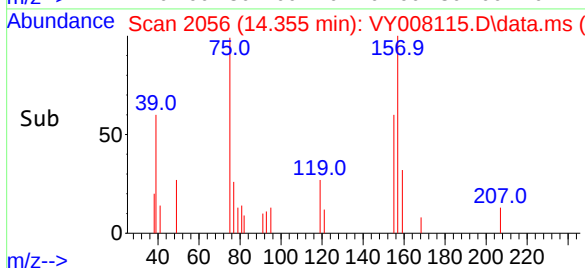
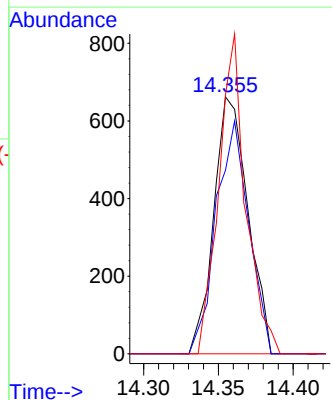
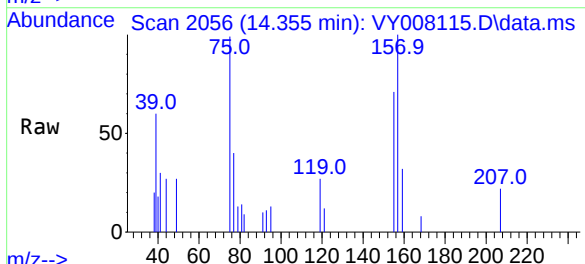
RT: 14.355 min Scan# 2056

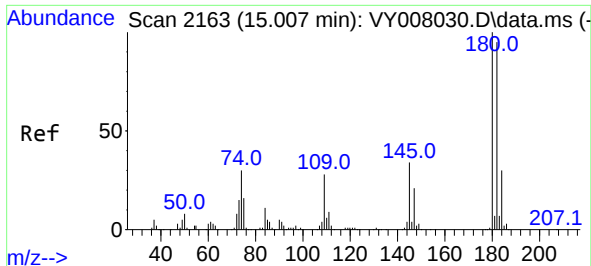
Delta R.T. -0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Tgt Ion:	75	Resp:	1052
Ion	Ratio	Lower	Upper
75	100		
155	86.9	38.0	113.9
157	98.0	47.8	143.3

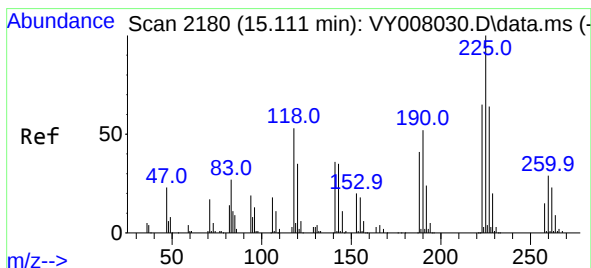
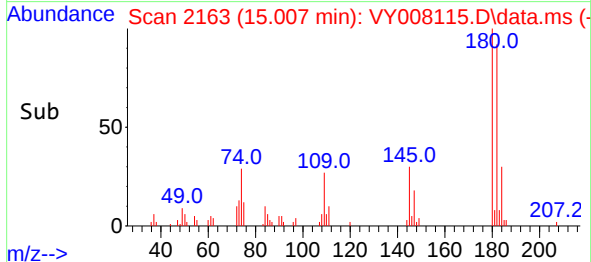
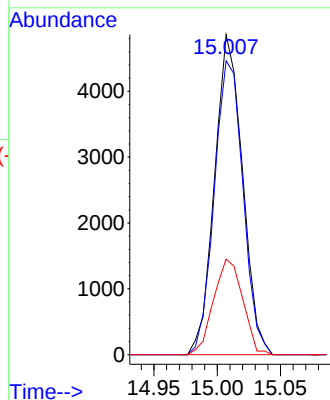
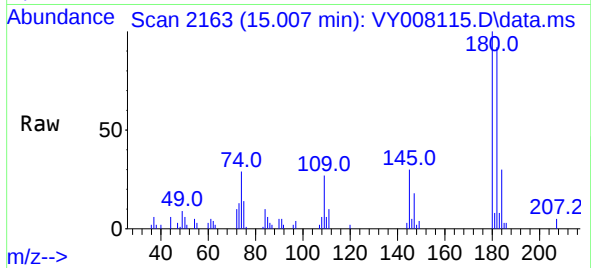




#93
1,2,4-Trichlorobenzene
Concen: 3.687 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

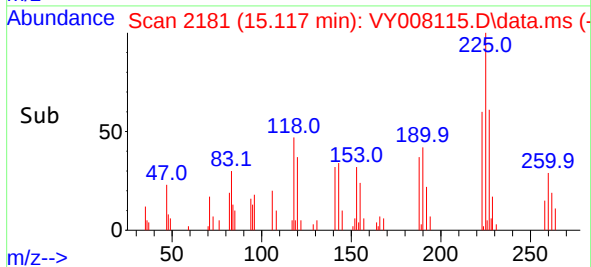
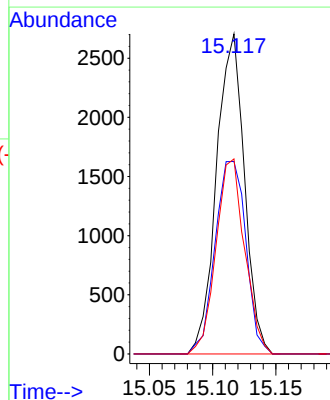
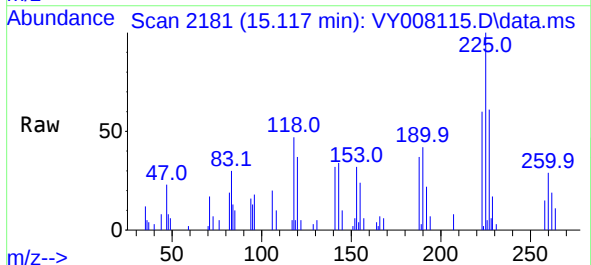
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

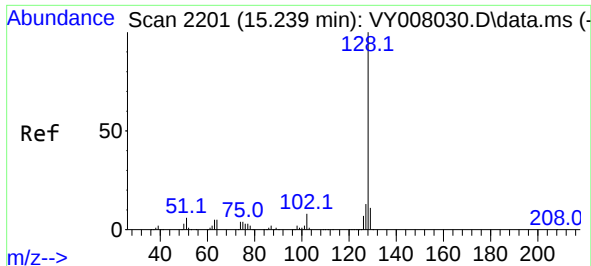
Tgt Ion:	180	Resp:	7460
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	141.9
145	31.1	14.6	43.8



#94
Hexachlorobutadiene
Concen: 3.876 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:	225	Resp:	4149
Ion Ratio	Lower	Upper	
225	100		
223	66.3	30.8	92.3
227	62.4	31.6	94.7

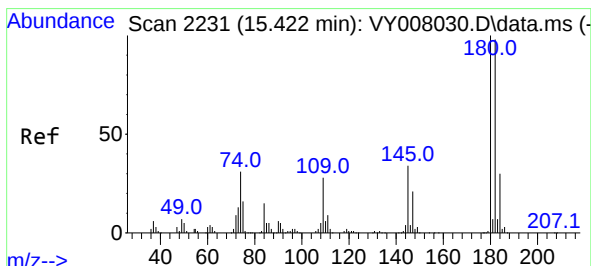
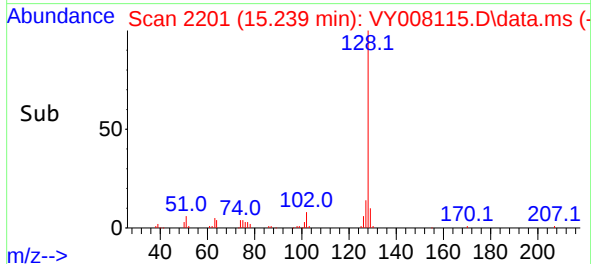
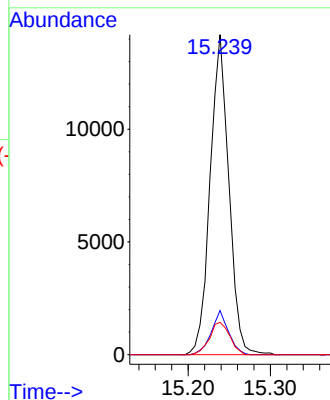
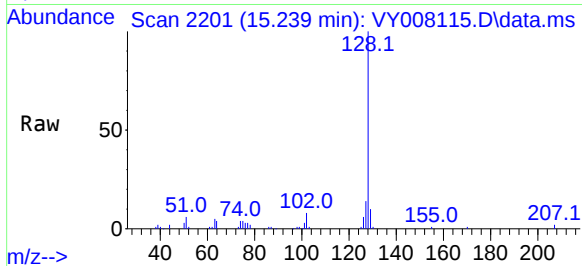




#95
Naphthalene
Concen: 5.010 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion:	128	Resp:	22409
Ion	Ratio	Lower	Upper
128	100		
127	12.7	11.0	16.4
129	10.9	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 3.887 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:	180	Resp:	6805
Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.3	141.9
145	35.3	15.3	45.9

