

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009291.D
 Acq On : 23 Jun 2022 13:37
 Operator : KP/MD
 Sample : N3214-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jun 24 09:22:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	155113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	225946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	11744	6.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	13.780%#		
35) Dibromofluoromethane	7.716	113	10487	6.478	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	12.960%#		
50) Toluene-d8	10.173	98	41126	6.613	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	13.220%#		
62) 4-Bromofluorobenzene	12.477	95	15390	7.043	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	14.080%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6334	5.573	ug/l	84
3) Chloromethane	2.107	50	7218	5.175	ug/l	92
4) Vinyl Chloride	2.247	62	8465	5.464	ug/l	98
5) Bromomethane	2.644	94	4914	4.549	ug/l	85
6) Chloroethane	2.790	64	4265	4.135	ug/l	99
7) Trichlorofluoromethane	3.125	101	12547	5.102	ug/l	99
8) Diethyl Ether	3.528	74	4722	5.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.900	101	8545	5.465	ug/l	96
10) Methyl Iodide	4.089	142	7934	4.155	ug/l #	84
11) Tert butyl alcohol	4.912	59	11744	18.699	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	7327	4.931	ug/l	83
13) Acrolein	3.723	56	975	39.977	ug/l #	79
14) Allyl chloride	4.473	41	13308	4.986	ug/l	92
15) Acrylonitrile	5.162	53	14210	28.217	ug/l	95
16) Acetone	3.942	43	14257	33.872	ug/l	94
17) Carbon Disulfide	4.192	76	18792	4.552	ug/l	98
18) Methyl Acetate	4.479	43	13487	8.071	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	23338	5.225	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	9097	5.166	ug/l #	79
22) Diisopropyl ether	6.113	45	30710	5.473	ug/l	97
23) Vinyl Acetate	6.058	43	75361	21.875	ug/l	96
24) 1,1-Dichloroethane	6.015	63	17529	5.519	ug/l	98
25) 2-Butanone	6.984	43	21456	31.566	ug/l	93
26) 2,2-Dichloropropane	6.978	77	18050	6.045	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	10853	5.257	ug/l	98
28) Bromochloromethane	7.332	49	8197	5.981	ug/l	95
29) Tetrahydrofuran	7.344	42	12478	28.988	ug/l	93
30) Chloroform	7.509	83	17696	5.412	ug/l	92
31) Cyclohexane	7.783	56	17065	5.771	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	15269	5.349	ug/l	96
36) 1,1-Dichloropropene	7.917	75	12786	5.190	ug/l	96
37) Ethyl Acetate	7.070	43	8950	6.008	ug/l #	81
38) Carbon Tetrachloride	7.893	117	13149	5.133	ug/l	95
39) Methylcyclohexane	9.179	83	15260	5.048	ug/l	94
40) Benzene	8.155	78	37927	5.204	ug/l	98
41) Methacrylonitrile	7.344	41	11879	14.382	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	11728	5.608	ug/l	89
43) Isopropyl Acetate	8.277	43	15324	5.613	ug/l #	91
44) Trichloroethene	8.935	130	10517	5.124	ug/l	92
45) 1,2-Dichloropropane	9.210	63	9859	5.251	ug/l	98
46) Dibromomethane	9.301	93	5835	5.465	ug/l	99
47) Bromodichloromethane	9.496	83	13788	5.438	ug/l	98
48) Methyl methacrylate	9.295	41	6227	5.204	ug/l #	90
49) 1,4-Dioxane	9.295	88	1581	103.042	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	40875	28.786	ug/l	96
52) Toluene	10.240	92	25389	5.511	ug/l	86
53) t-1,3-Dichloropropene	10.465	75	13585	5.153	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	15124	5.040	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	8090	5.398	ug/l	93
56) Ethyl methacrylate	10.508	69	10076	5.082	ug/l	89
57) 1,3-Dichloropropane	10.789	76	13766	5.368	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	27111	31.877	ug/l	96
59) 2-Hexanone	10.831	43	26918	28.011	ug/l	93
60) Dibromochloromethane	10.984	129	9481	5.187	ug/l	98
61) 1,2-Dibromoethane	11.087	107	7636	5.226	ug/l	99
64) Tetrachloroethene	10.721	164	12221	5.606	ug/l	97
65) Chlorobenzene	11.514	112	26528	5.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	9678	5.200	ug/l	99
67) Ethyl Benzene	11.593	91	47297	5.362	ug/l	99
68) m/p-Xylenes	11.697	106	36360	10.504	ug/l	94
69) o-Xylene	12.026	106	17287	5.252	ug/l	90
70) Styrene	12.044	104	27680	5.071	ug/l	96
71) Bromoform	12.203	173	5802	5.044	ug/l #	93
73) Isopropylbenzene	12.325	105	44441	4.987	ug/l	97
74) N-amyl acetate	12.142	43	11726	4.927	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	8818	5.201	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	12194	9.157	ug/l #	100
77) Bromobenzene	12.605	156	10832	5.005	ug/l	97
78) n-propylbenzene	12.672	91	56190	5.234	ug/l	99
79) 2-Chlorotoluene	12.752	91	31425	5.196	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	36933	4.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	3299	5.253	ug/l #	83
82) 4-Chlorotoluene	12.855	91	33273	5.275	ug/l	98
83) tert-Butylbenzene	13.075	119	32420	5.025	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	36964	5.099	ug/l	95
85) sec-Butylbenzene	13.252	105	49246	5.099	ug/l	98
86) p-Isopropyltoluene	13.367	119	40946	5.101	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	22129	5.289	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	22414	5.340	ug/l	96
89) n-Butylbenzene	13.697	91	38059	5.092	ug/l	99
90) Hexachloroethane	13.959	117	7887	5.180	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	19563	5.205	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1422	4.709	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	10717	4.660	ug/l	96
94) Hexachlorobutadiene	15.111	225	6484	5.241	ug/l	96
95) Naphthalene	15.233	128	20421	4.427	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	9434	4.800	ug/l	97

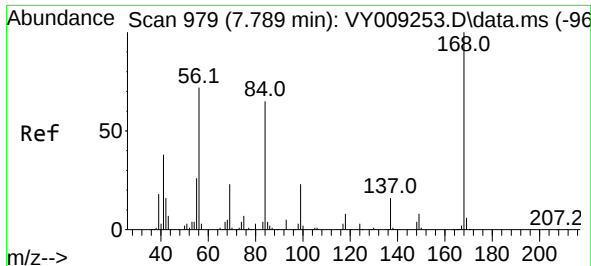
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

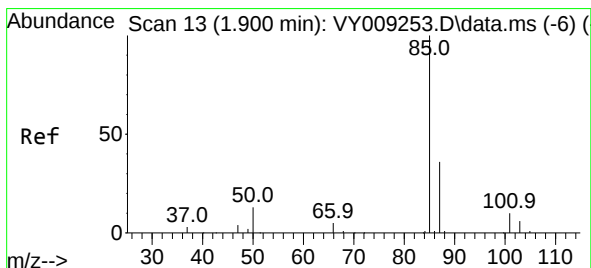
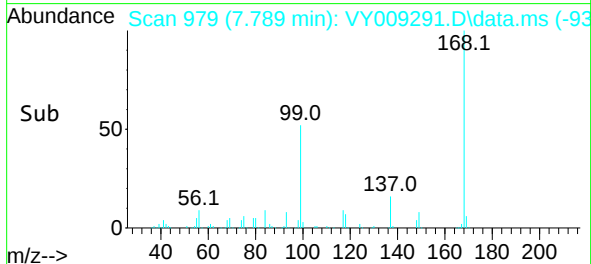
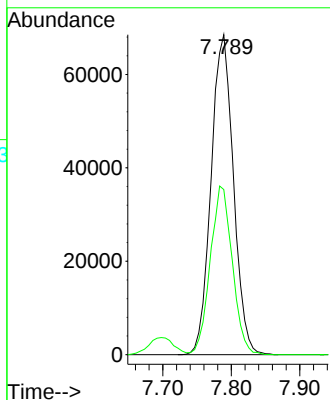
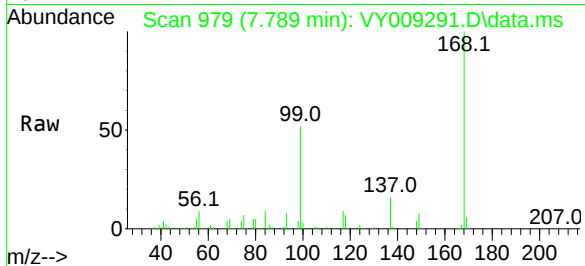
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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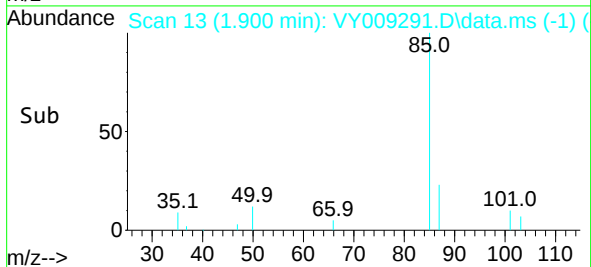
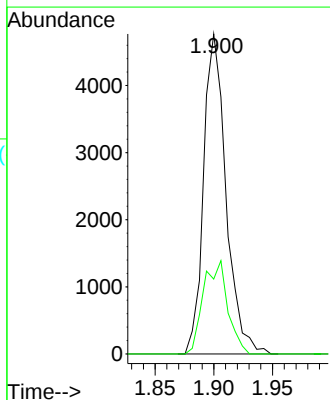
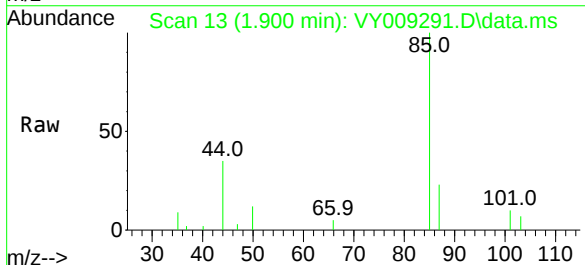
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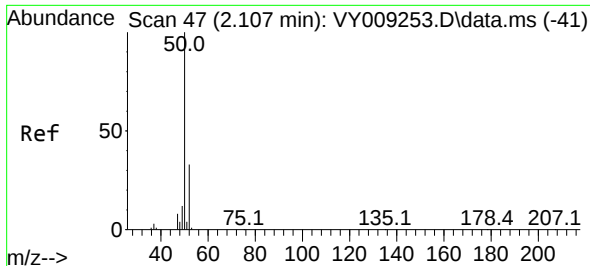
Tgt Ion:168 Resp: 155113
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.573 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 85 Resp: 6334
Ion Ratio Lower Upper
85 100
87 23.4 16.1 48.2

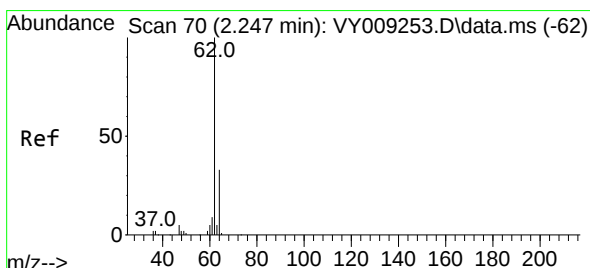
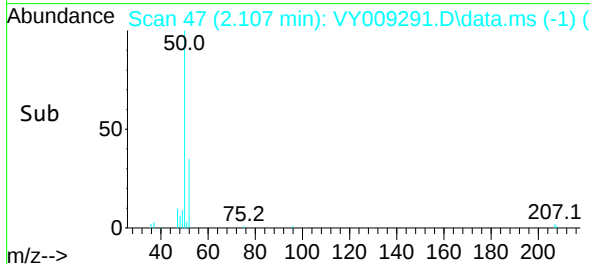
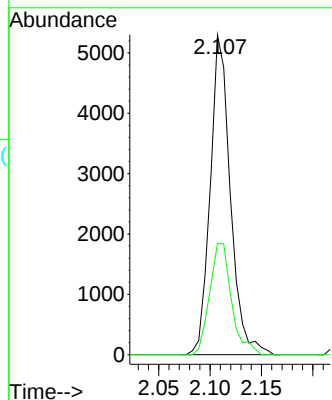
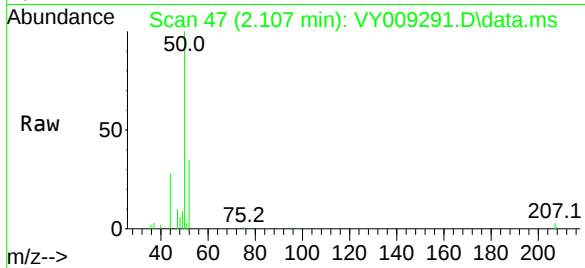




#3
Chloromethane
Concen: 5.175 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

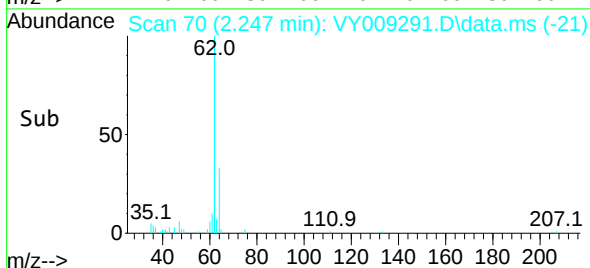
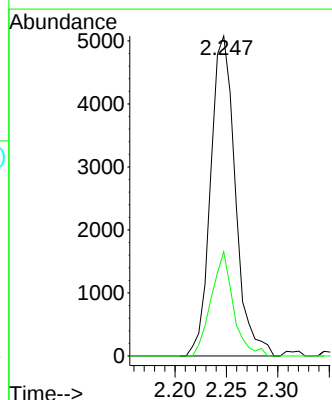
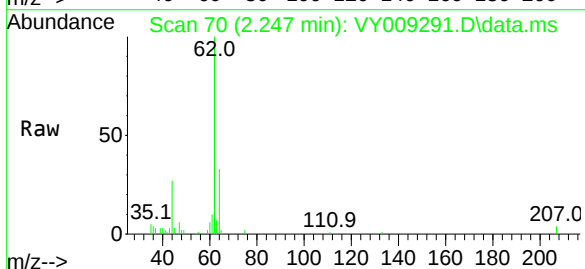
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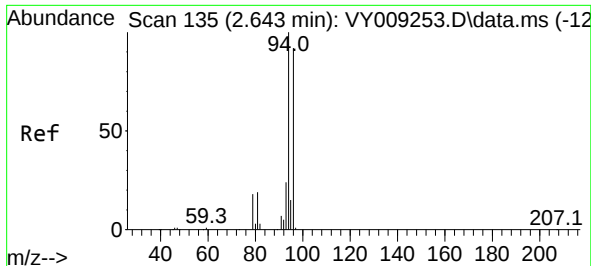
Tgt Ion: 50 Resp: 7218
Ion Ratio Lower Upper
50 100
52 34.9 24.6 37.0



#4
Vinyl Chloride
Concen: 5.464 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 62 Resp: 8465
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

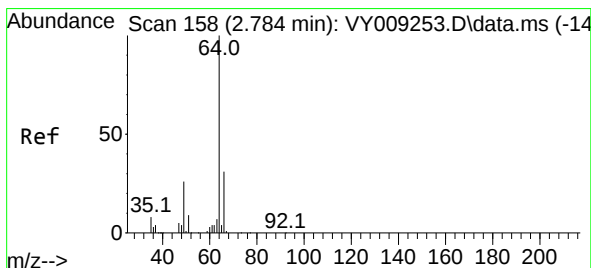
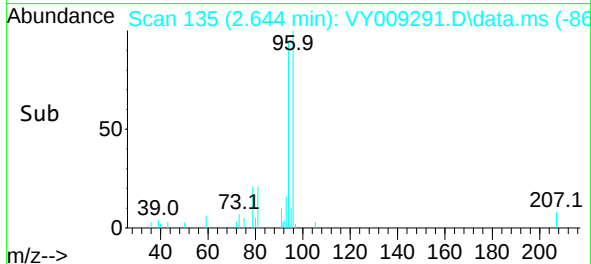
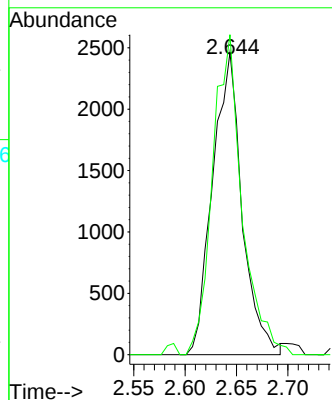
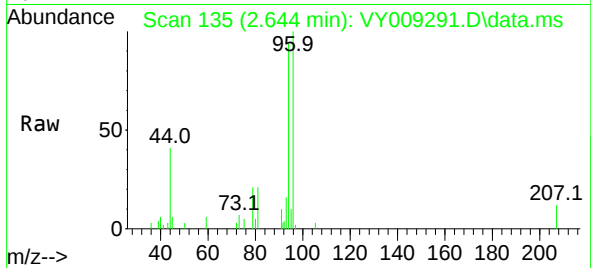




#5
Bromomethane
Concen: 4.549 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

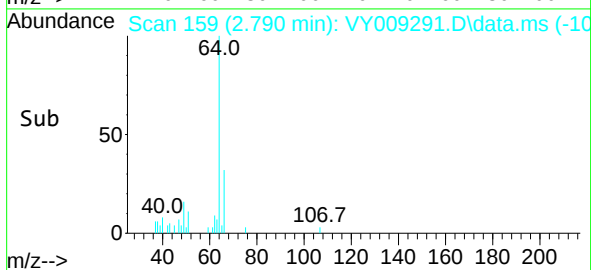
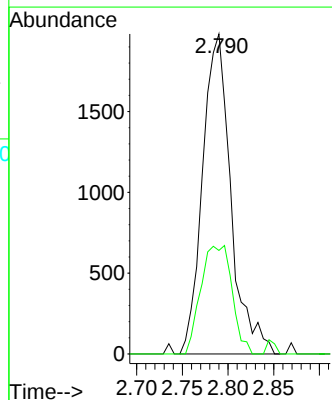
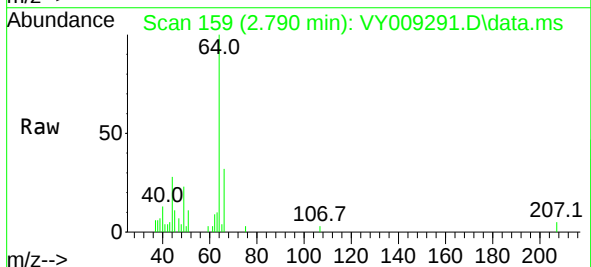
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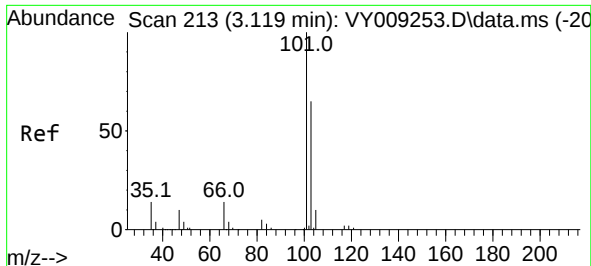
Tgt Ion: 94 Resp: 4914
Ion Ratio Lower Upper
94 100
96 105.9 73.5 110.3



#6
Chloroethane
Concen: 4.135 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 64 Resp: 4265
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0

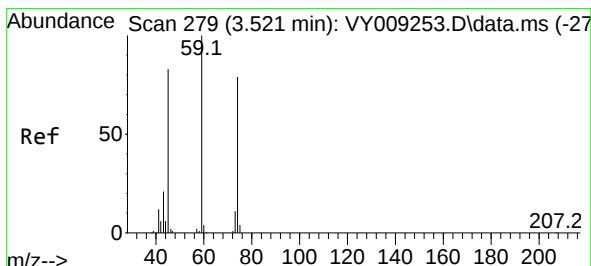
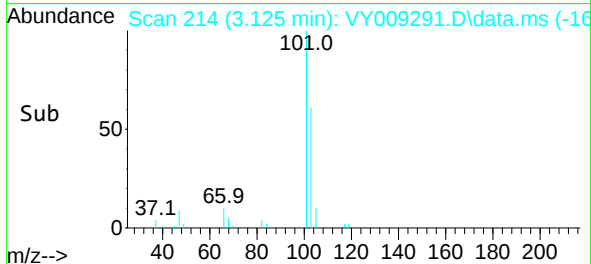
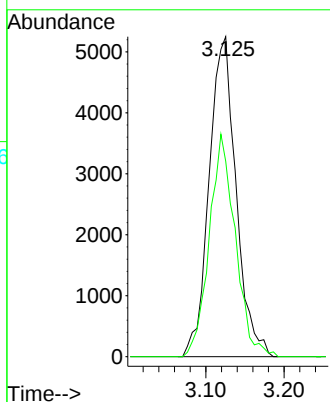
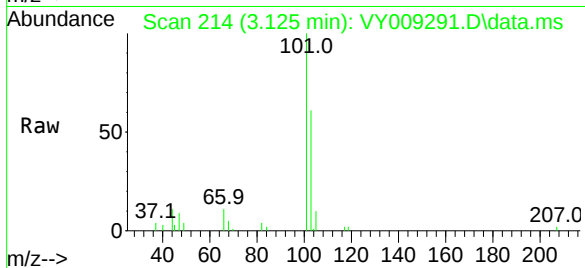




#7
Trichlorofluoromethane
Concen: 5.102 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

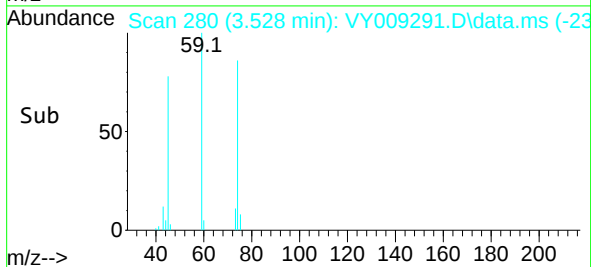
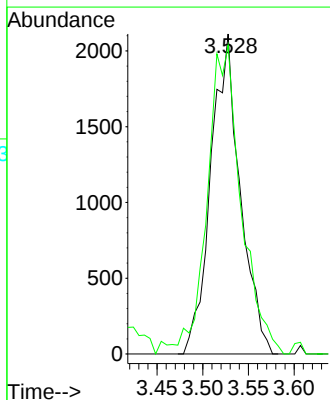
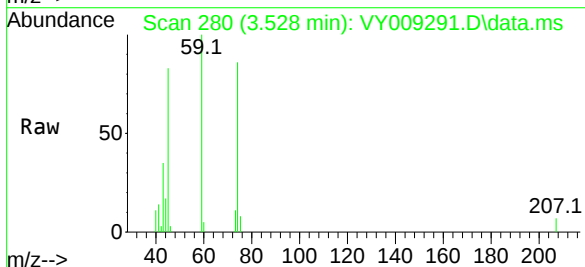
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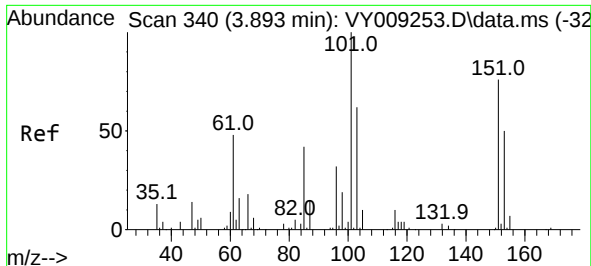
Tgt Ion:101 Resp: 12547
Ion Ratio Lower Upper
101 100
103 61.1 48.0 72.0



#8
Diethyl Ether
Concen: 5.229 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 74 Resp: 4722
Ion Ratio Lower Upper
74 100
45 111.8 55.1 165.5

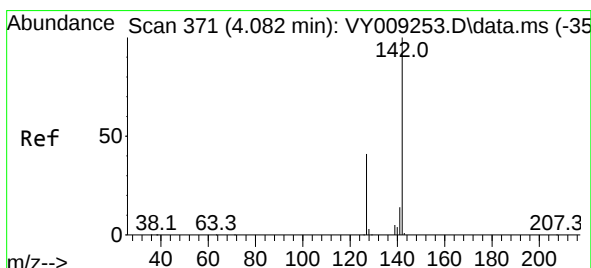
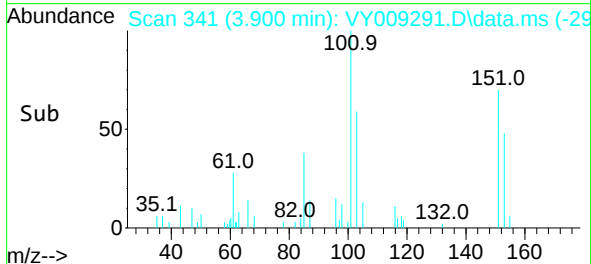
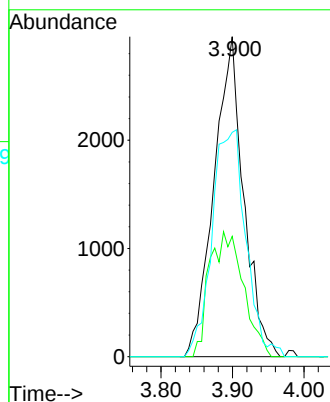
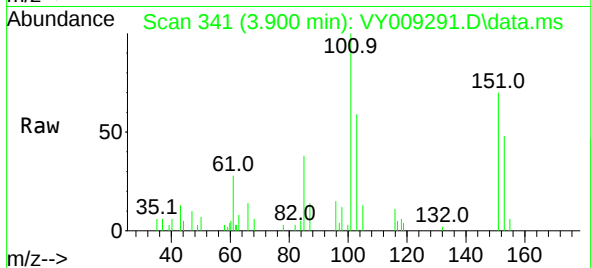




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.465 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY009291.D
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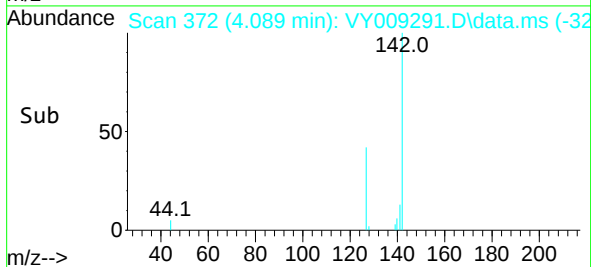
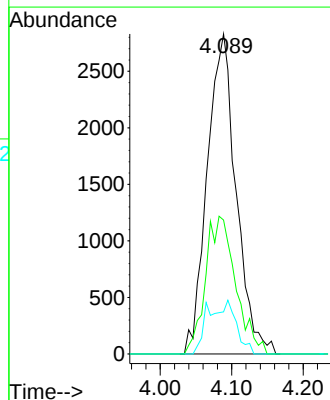
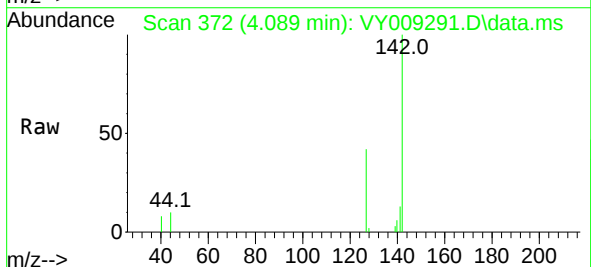
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

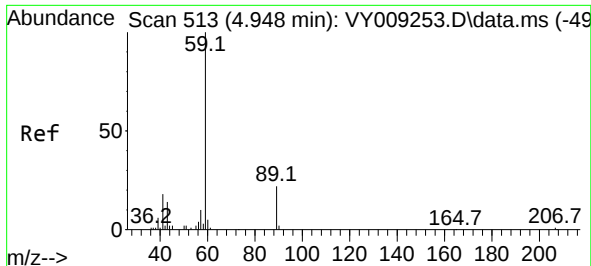
Tgt Ion:101 Resp: 8545
Ion Ratio Lower Upper
101 100
85 44.7 40.6 60.8
151 80.5 64.9 97.3



#10
Methyl Iodide
Concen: 4.155 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.007 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion:142 Resp: 7934
Ion Ratio Lower Upper
142 100
127 45.0 41.5 62.3
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 18.699 ug/l

RT: 4.912 min Scan# 50

Delta R.T. -0.036 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

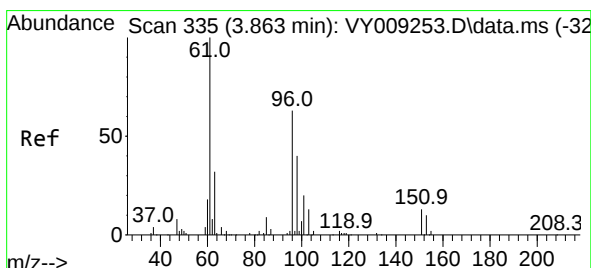
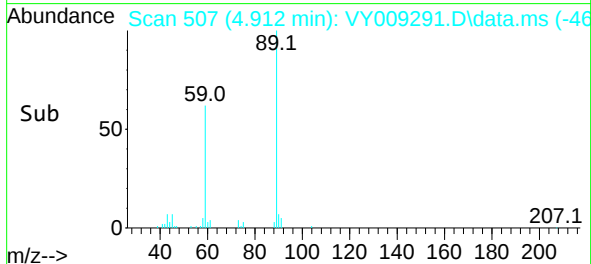
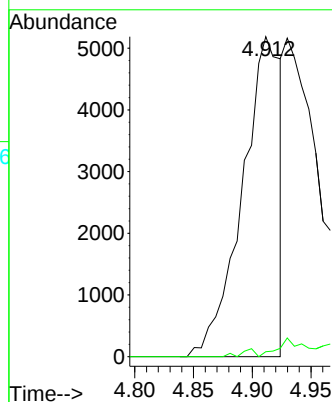
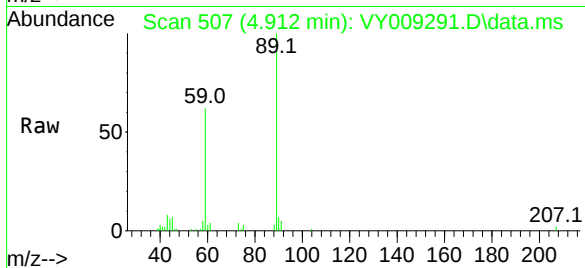
LOQ-SOIL-02-QT2-2022

Tgt Ion: 59 Resp: 11744

Ion Ratio Lower Upper

59 100

57 3.9 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 4.931 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

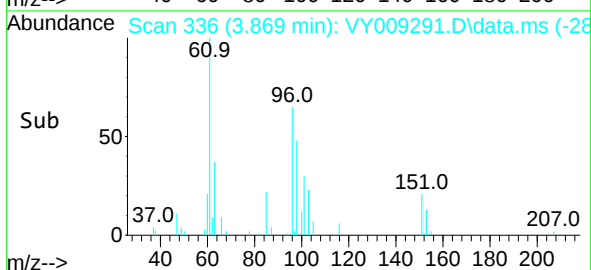
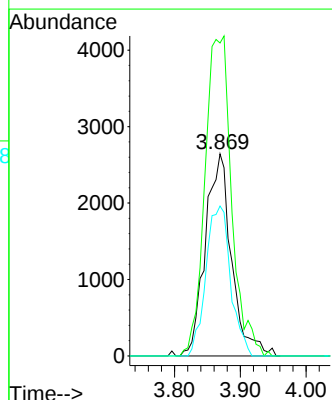
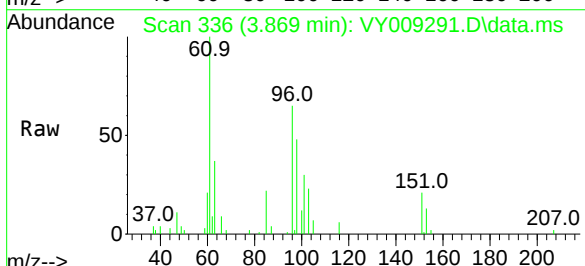
Tgt Ion: 96 Resp: 7327

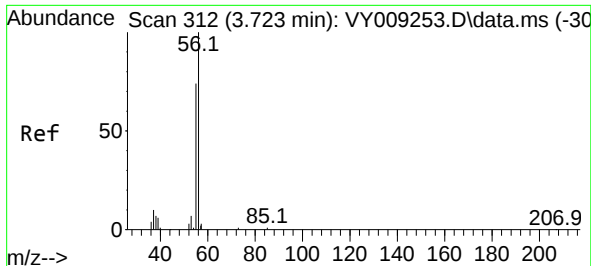
Ion Ratio Lower Upper

96 100

61 154.8 145.8 218.6

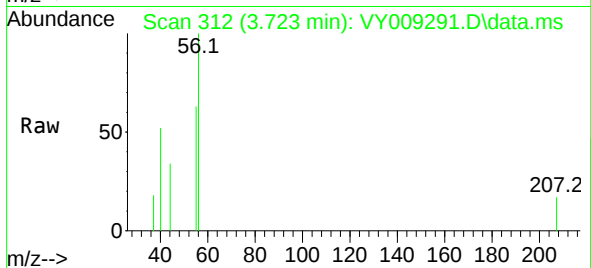
98 74.1 52.5 78.7



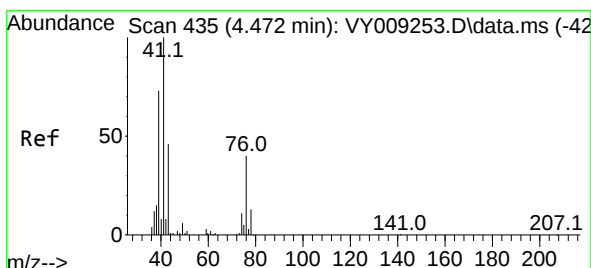
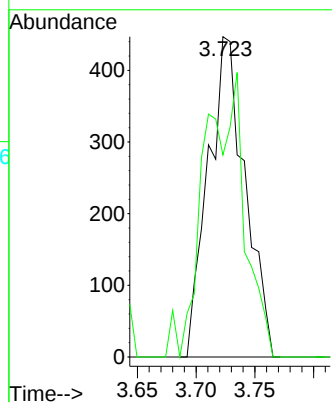
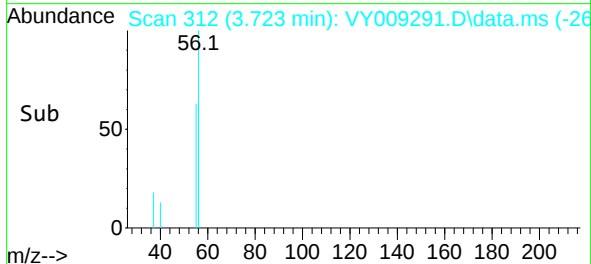


#13
Acrolein
Concen: 39.977 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

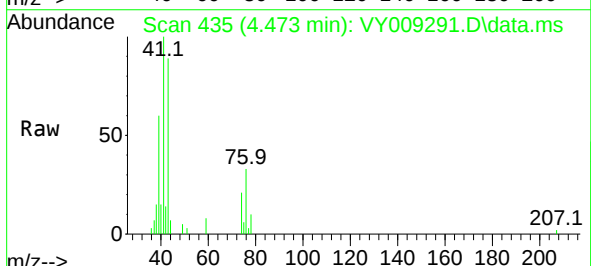
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



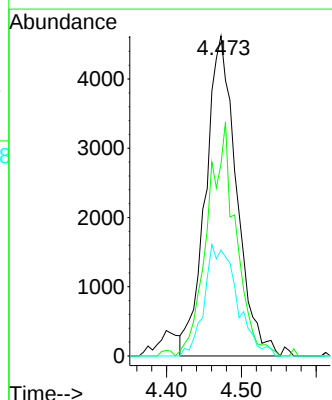
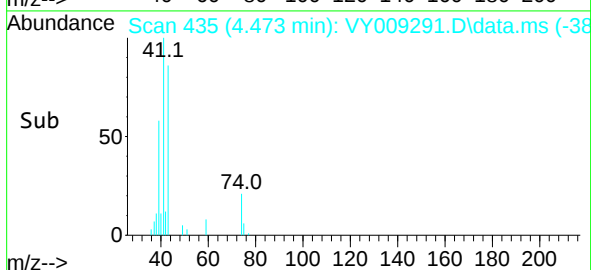
Tgt Ion: 56 Resp: 975
Ion Ratio Lower Upper
56 100
55 54.3 57.6 86.4#

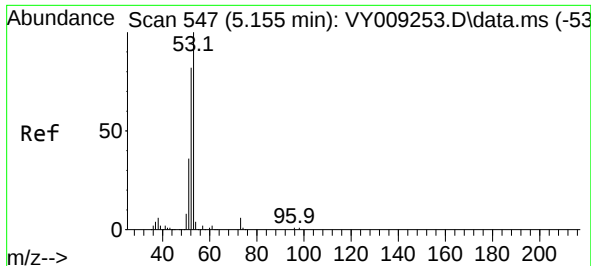


#14
Allyl chloride
Concen: 4.986 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37



Tgt Ion: 41 Resp: 13308
Ion Ratio Lower Upper
41 100
39 67.3 58.8 88.2
76 36.6 25.1 37.7

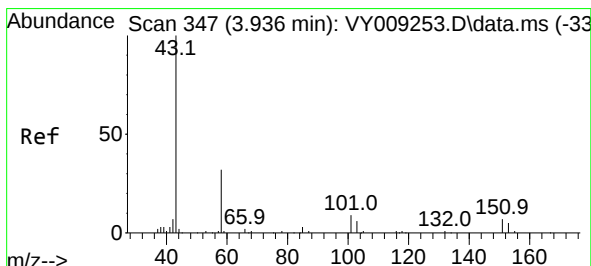
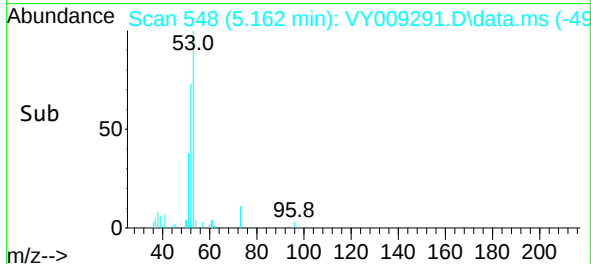
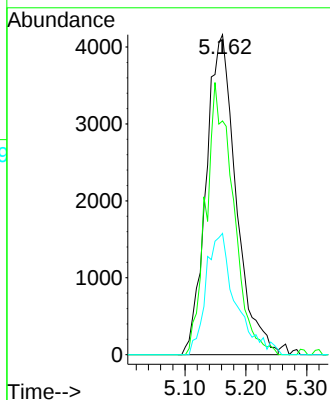
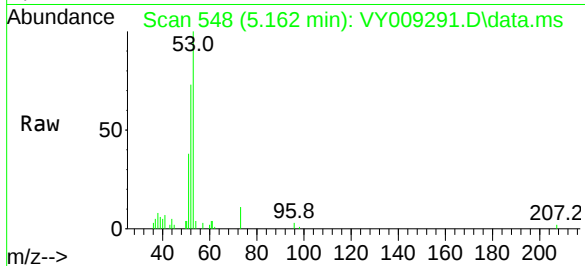




#15
Acrylonitrile
Concen: 28.217 ug/l
RT: 5.162 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

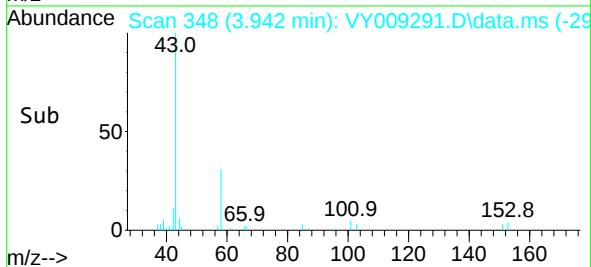
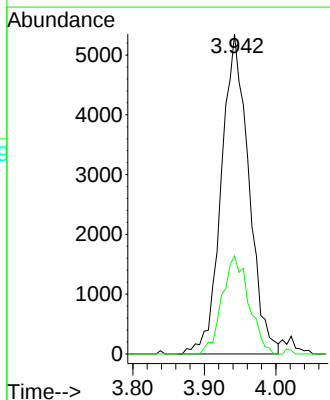
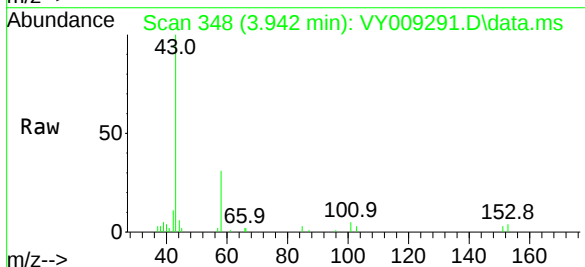
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

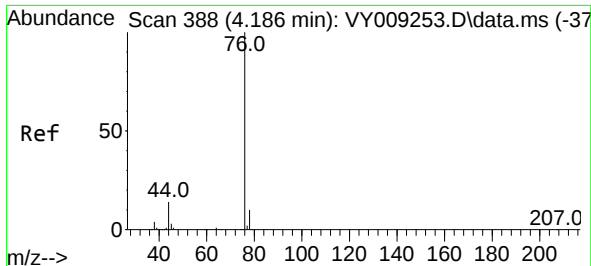
Tgt Ion: 53 Resp: 14210
Ion Ratio Lower Upper
53 100
52 77.7 67.0 100.4
51 37.5 29.8 44.6



#16
Acetone
Concen: 33.872 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 43 Resp: 14257
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0

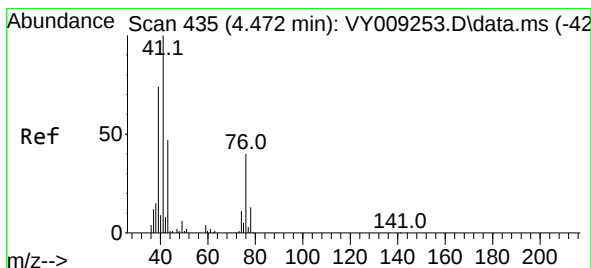
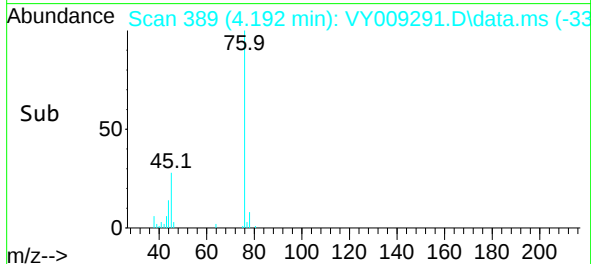
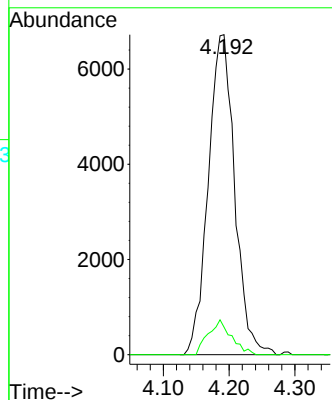
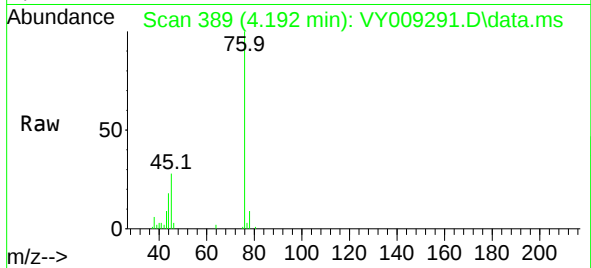




#17
Carbon Disulfide
Concen: 4.552 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

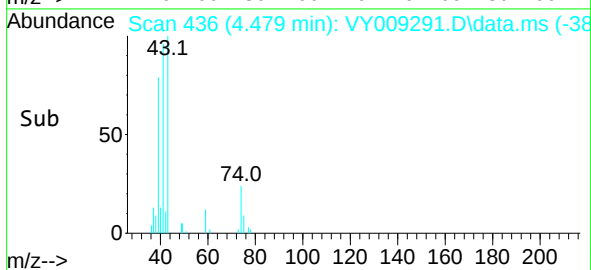
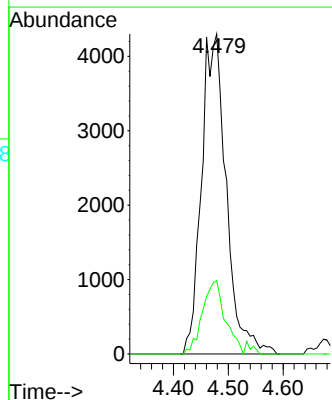
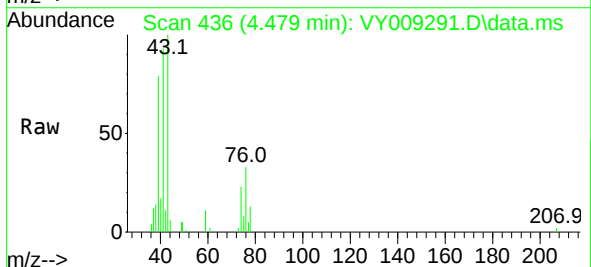
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

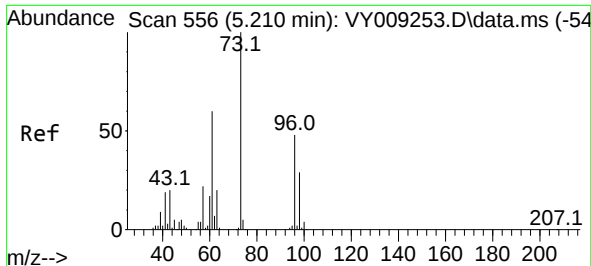
Tgt Ion: 76 Resp: 18792
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 8.071 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 43 Resp: 13487
Ion Ratio Lower Upper
43 100
74 21.0 16.6 24.8

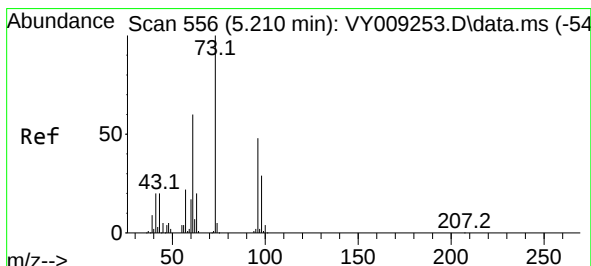
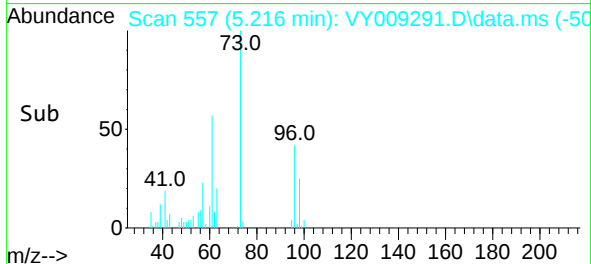
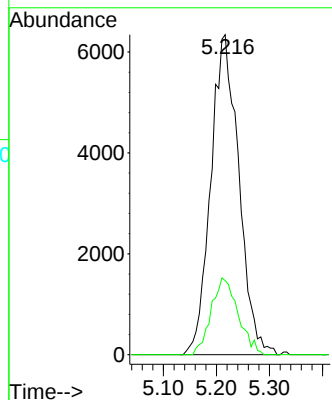
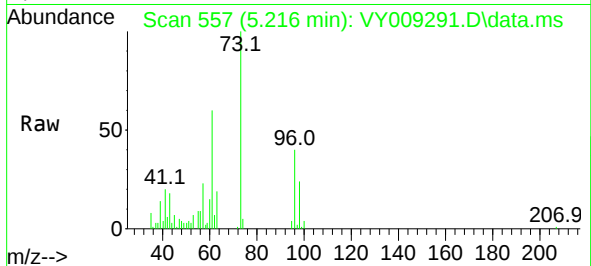




#19
Methyl tert-butyl Ether
Concen: 5.225 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

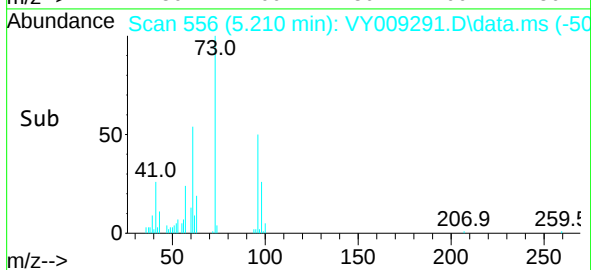
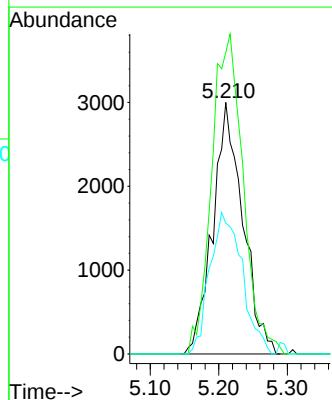
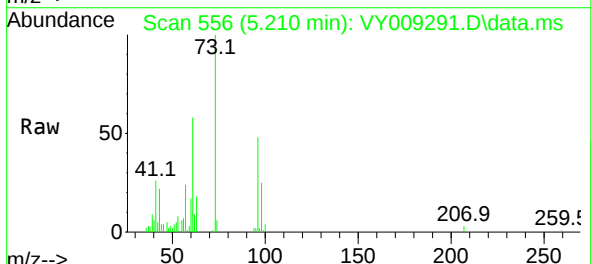
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

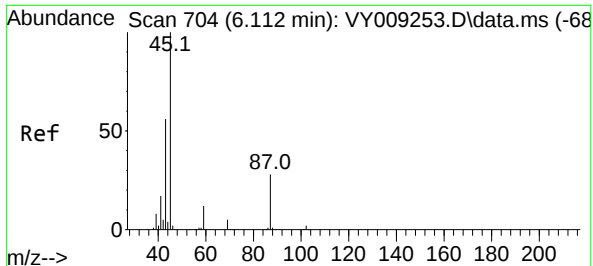
Tgt Ion: 73 Resp: 23338
Ion Ratio Lower Upper
73 100
57 23.1 18.6 27.8



#21
trans-1,2-Dichloroethene
Concen: 5.166 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 96 Resp: 9097
Ion Ratio Lower Upper
96 100
61 119.9 120.5 180.7#
98 52.0 49.8 74.8

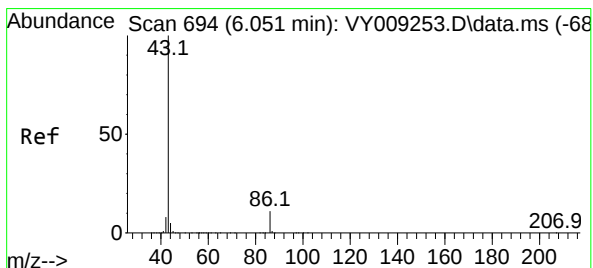
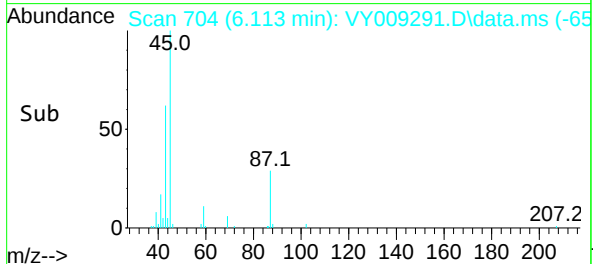
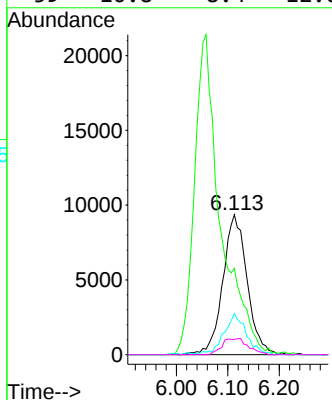
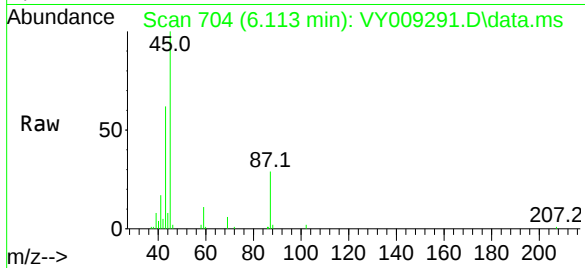




#22
Diisopropyl ether
Concen: 5.473 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

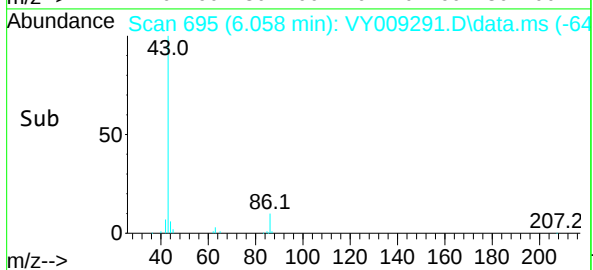
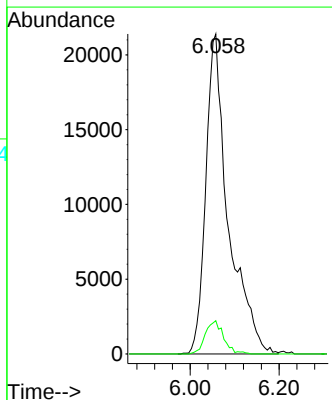
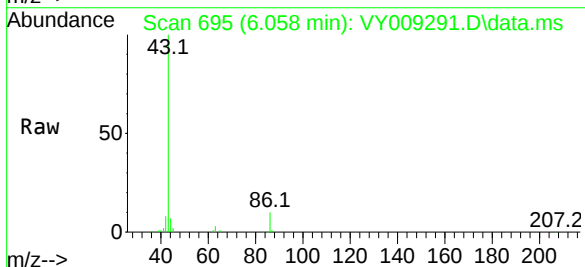
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

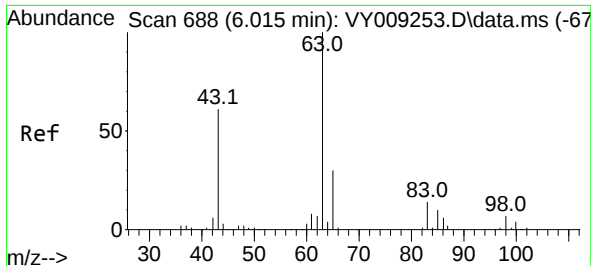
Tgt Ion:	45	Resp:	30710
Ion	Ratio	Lower	Upper
45	100		
43	60.7	49.3	73.9
87	28.7	19.2	28.8
59	10.8	8.4	12.6



#23
Vinyl Acetate
Concen: 21.875 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.007 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion:	43	Resp:	75361
Ion	Ratio	Lower	Upper
43	100		
86	10.4	7.1	10.7

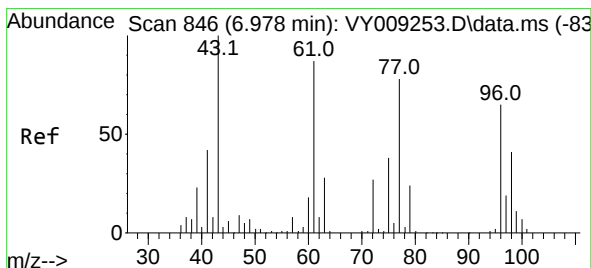
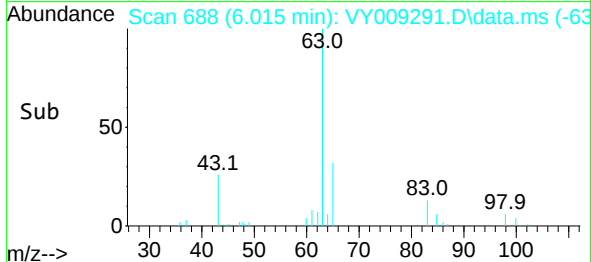
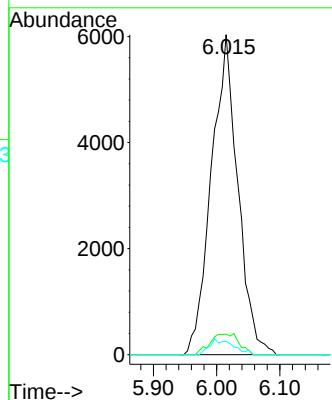
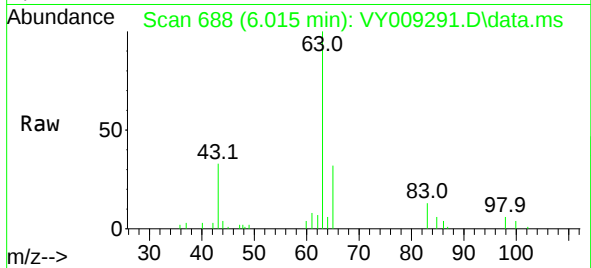




#24
1,1-Dichloroethane
Concen: 5.519 ug/l
RT: 6.015 min Scan# 61
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

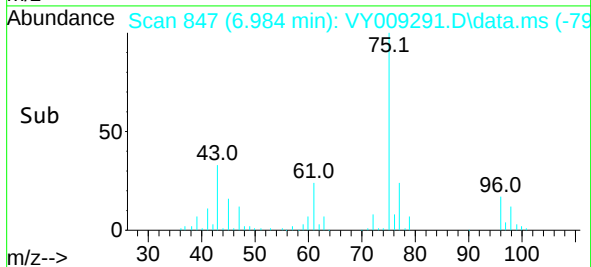
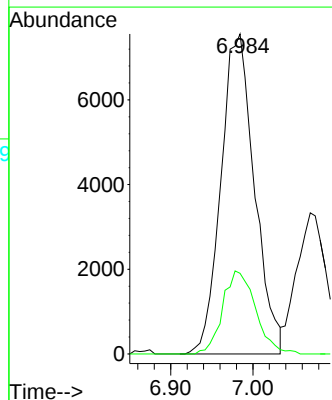
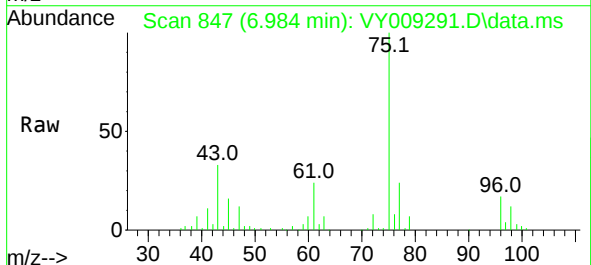
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

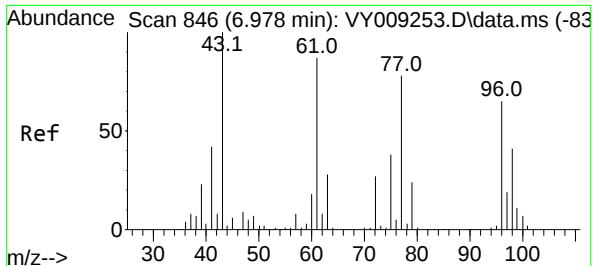
Tgt Ion: 63 Resp: 17529
Ion Ratio Lower Upper
63 100
98 6.4 3.6 10.8
100 4.2 2.0 5.8



#25
2-Butanone
Concen: 31.566 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 43 Resp: 21456
Ion Ratio Lower Upper
43 100
72 25.2 17.7 26.5





#26

2,2-Dichloropropane

Concen: 6.045 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

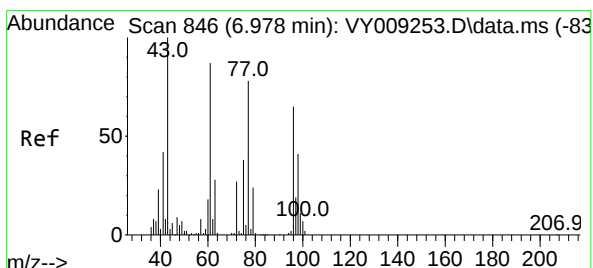
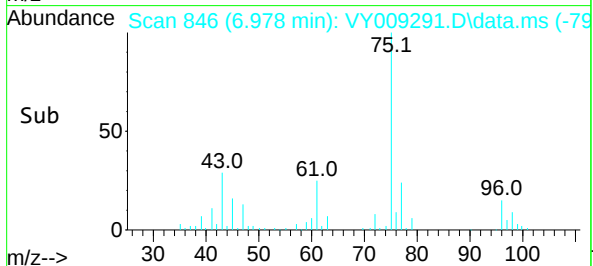
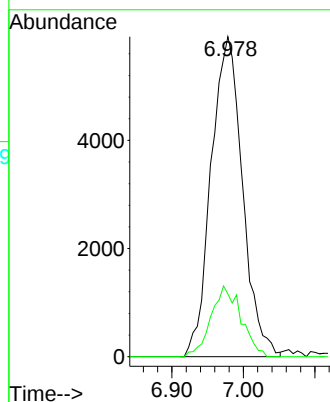
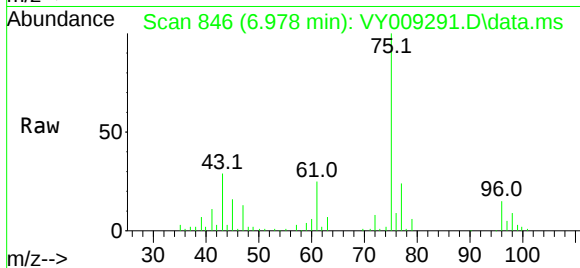
LOQ-SOIL-02-QT2-2022

Tgt Ion: 77 Resp: 18050

Ion Ratio Lower Upper

77 100

97 21.1 10.4 31.4



#27

cis-1,2-Dichloroethene

Concen: 5.257 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

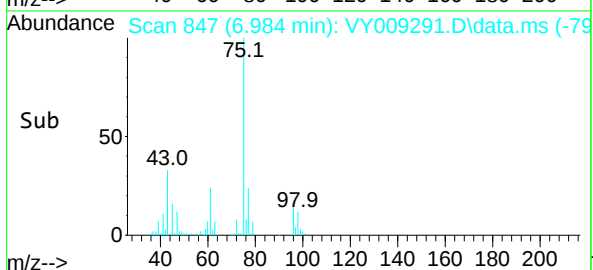
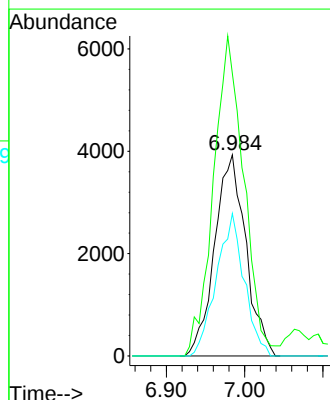
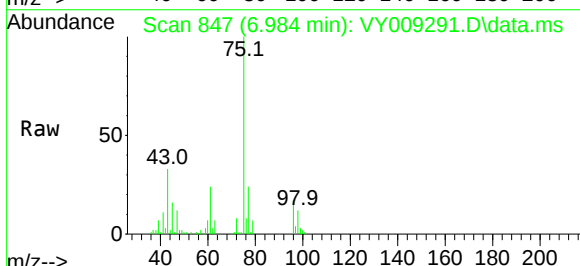
Tgt Ion: 96 Resp: 10853

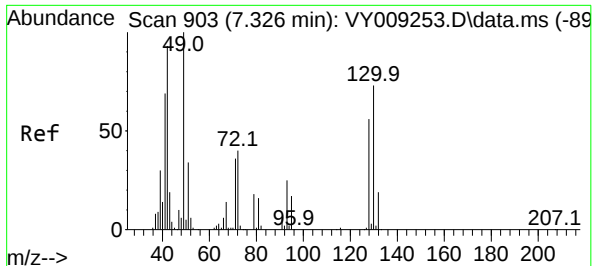
Ion Ratio Lower Upper

96 100

61 155.9 0.0 319.8

98 63.2 0.0 127.0

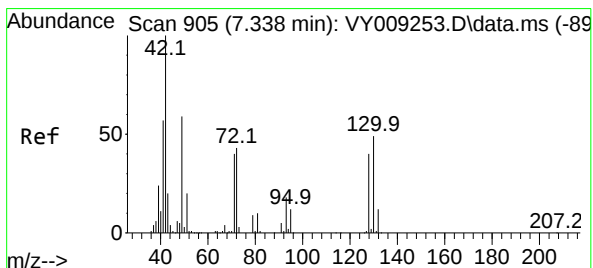
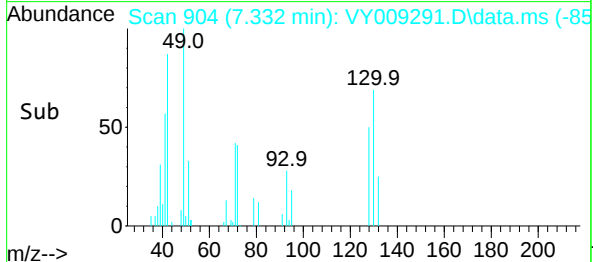
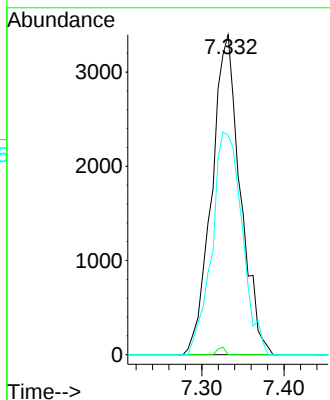
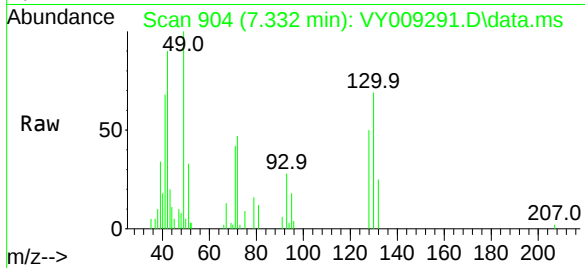




#28
Bromochloromethane
Concen: 5.981 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

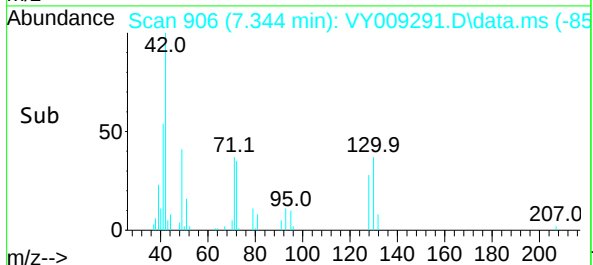
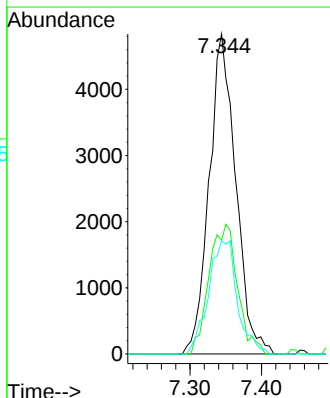
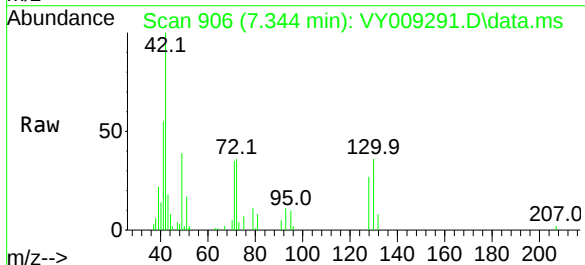
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

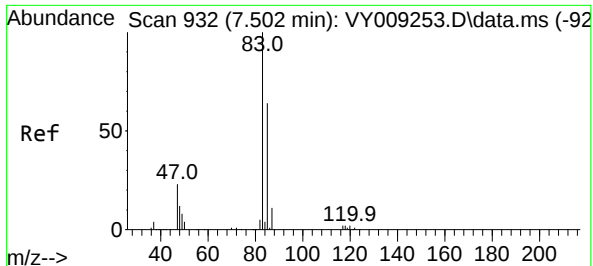
Tgt Ion: 49 Resp: 8197
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.2
130 73.5 55.4 83.0



#29
Tetrahydrofuran
Concen: 28.988 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 42 Resp: 12478
Ion Ratio Lower Upper
42 100
72 43.6 30.3 45.5
71 38.6 29.0 43.4

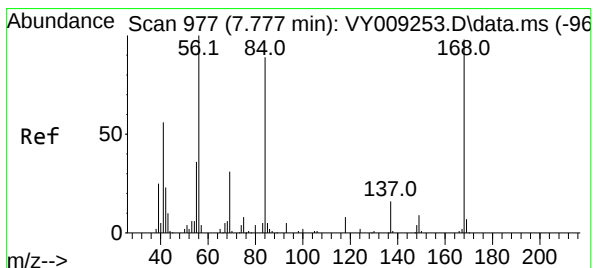
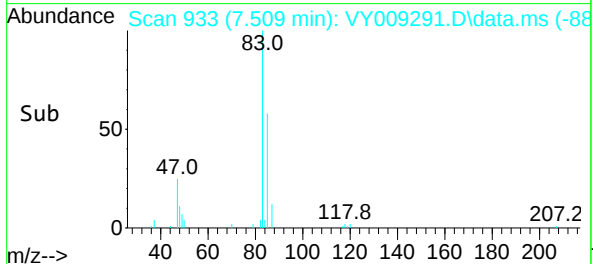
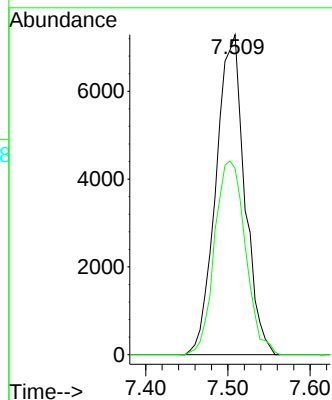
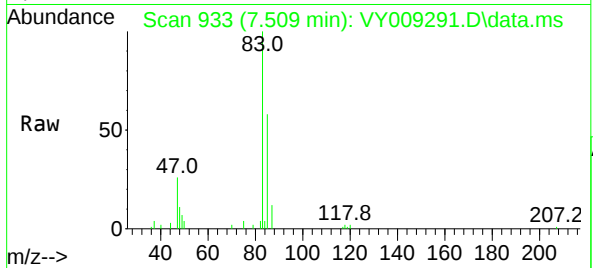




#30
Chloroform
Concen: 5.412 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

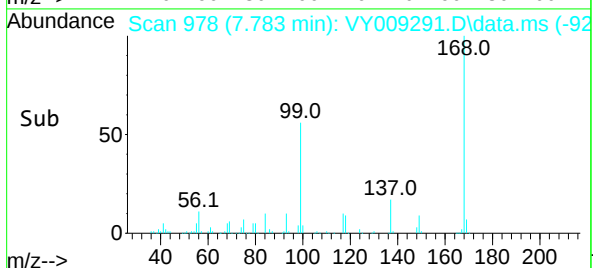
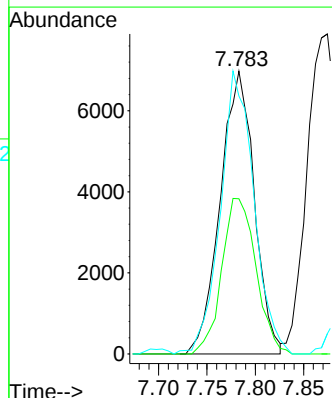
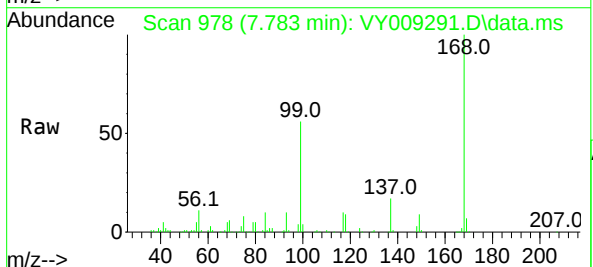
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

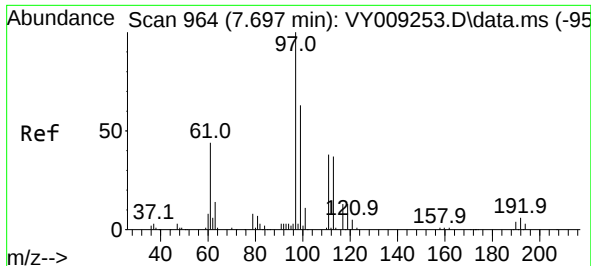
Tgt Ion: 83 Resp: 17696
Ion Ratio Lower Upper
83 100
85 58.2 51.8 77.6



#31
Cyclohexane
Concen: 5.771 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 56 Resp: 17065
Ion Ratio Lower Upper
56 100
69 54.9 26.7 40.1#
84 90.1 67.2 100.8

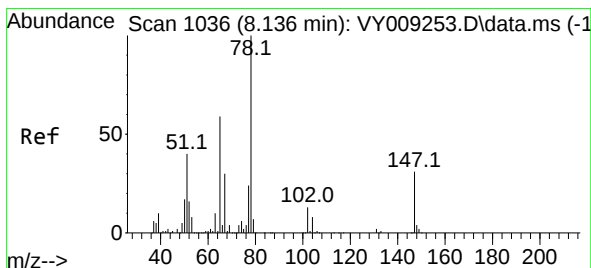
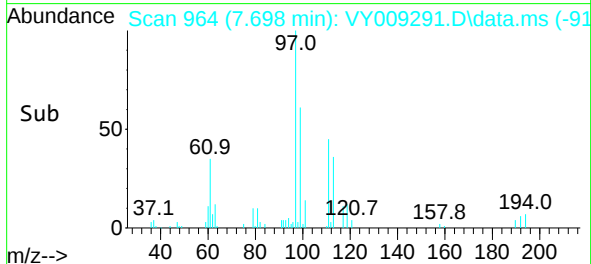
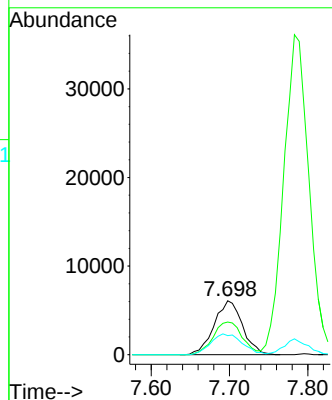
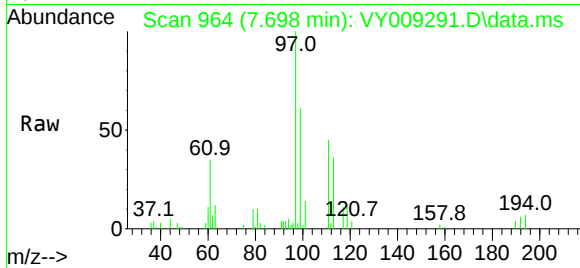




#32
 1,1,1-Trichloroethane
 Concen: 5.349 ug/l
 RT: 7.698 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: VY009291.D
 Acq: 23 Jun 2022 13:37

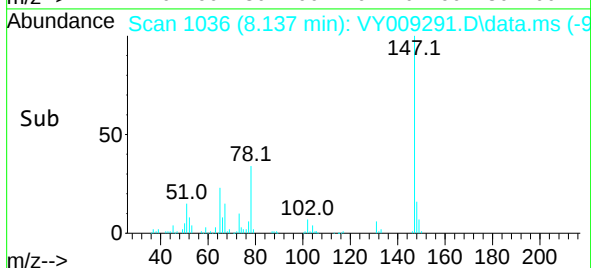
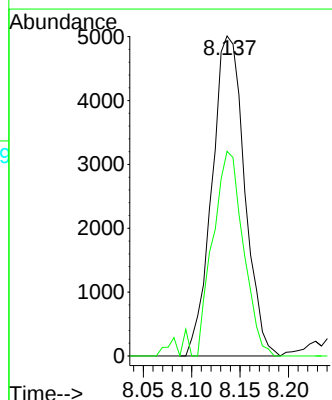
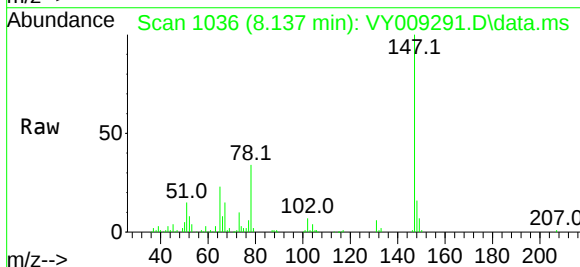
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

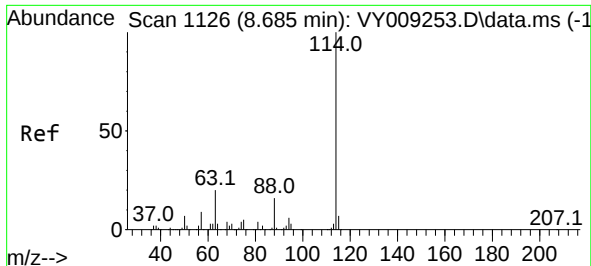
Tgt Ion: 97 Resp: 15269
 Ion Ratio Lower Upper
 97 100
 99 61.9 50.7 76.1
 61 42.7 37.6 56.4



#33
 1,2-Dichloroethane-d4
 Concen: 6.894 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY009291.D
 Acq: 23 Jun 2022 13:37

Tgt Ion: 65 Resp: 11744
 Ion Ratio Lower Upper
 65 100
 67 59.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

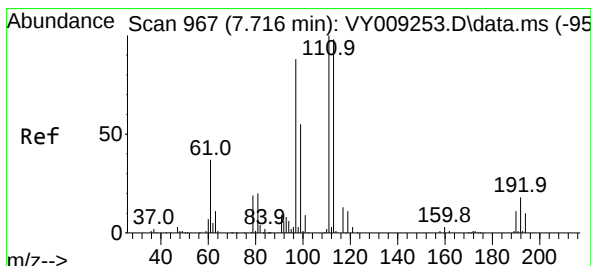
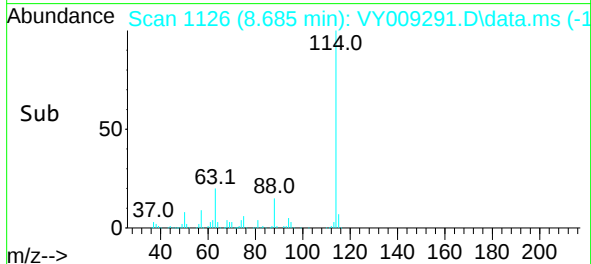
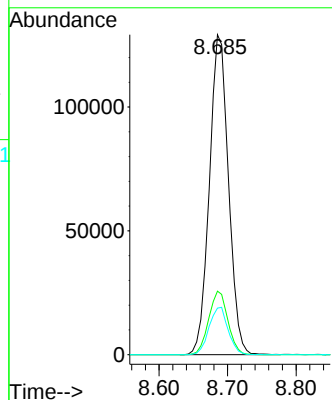
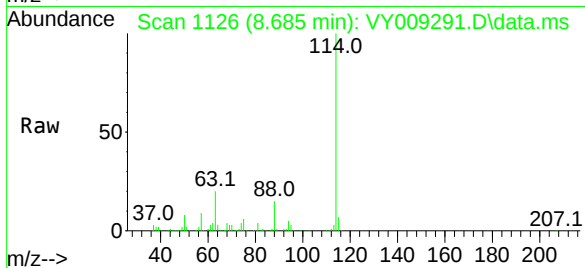
Tgt Ion:114 Resp: 249963

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 6.478 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

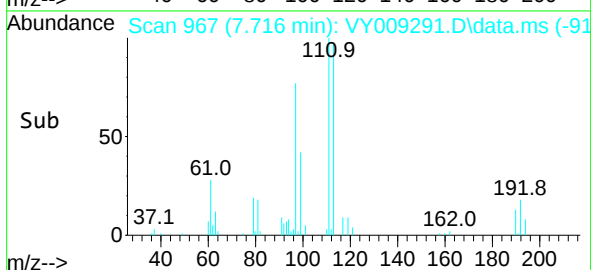
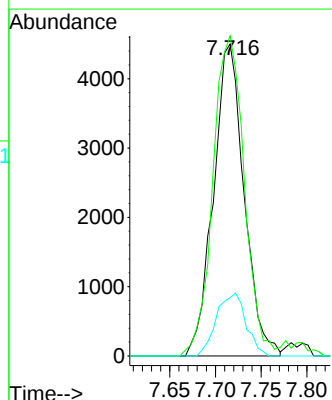
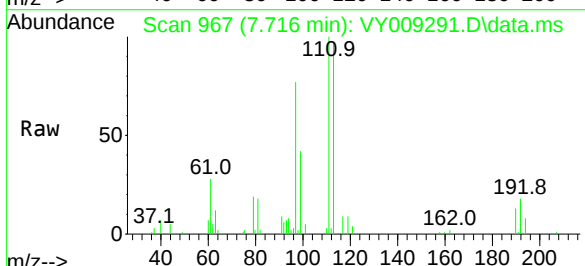
Tgt Ion:113 Resp: 10487

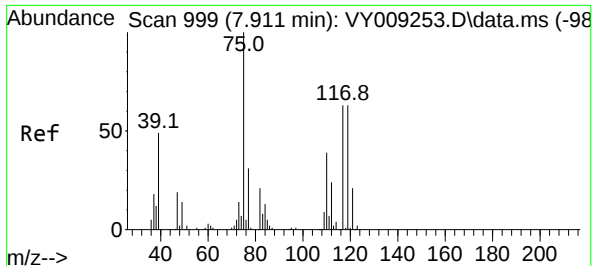
Ion Ratio Lower Upper

113 100

111 104.9 82.6 124.0

192 19.3 17.6 26.4

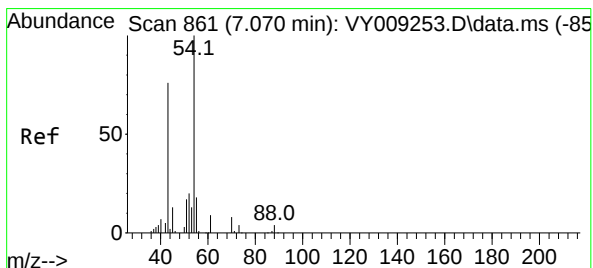
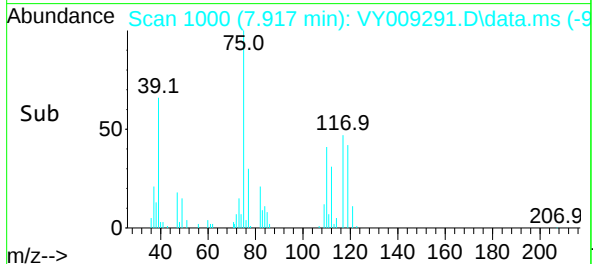
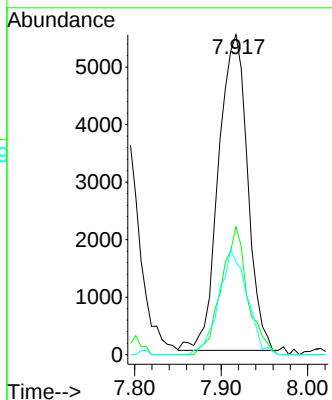
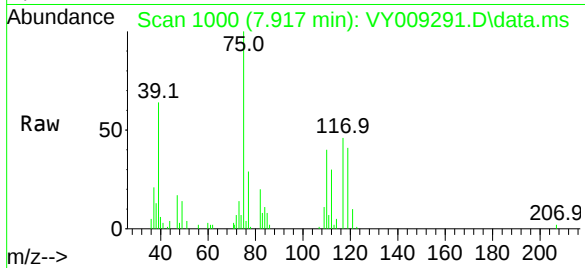




#36
1,1-Dichloropropene
Concen: 5.190 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

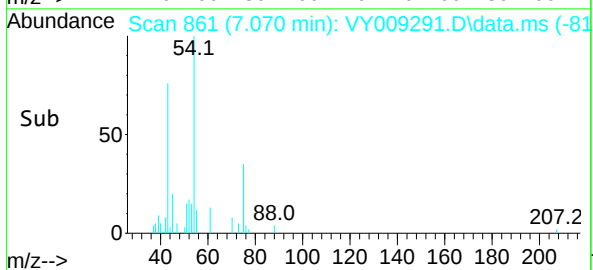
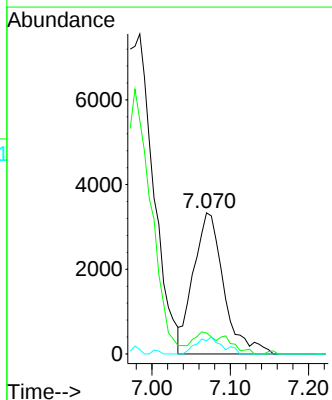
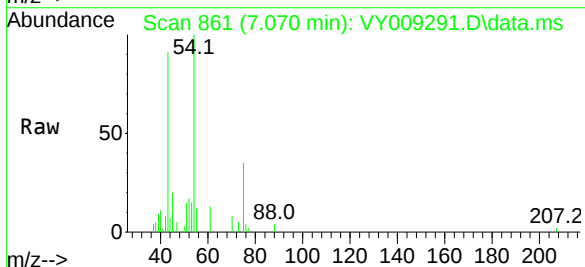
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

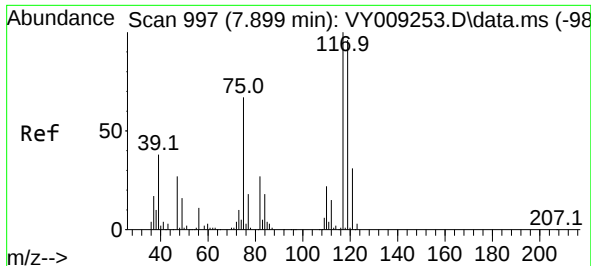
Tgt Ion: 75 Resp: 12786
Ion Ratio Lower Upper
75 100
110 36.7 17.1 51.2
77 32.5 24.4 36.6



#37
Ethyl Acetate
Concen: 6.008 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 43 Resp: 8950
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 10.1 7.1 10.7

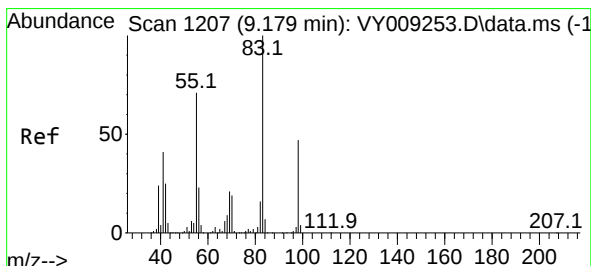
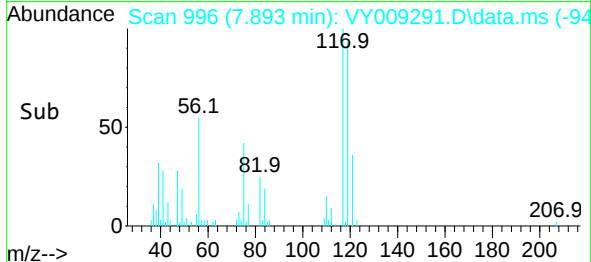
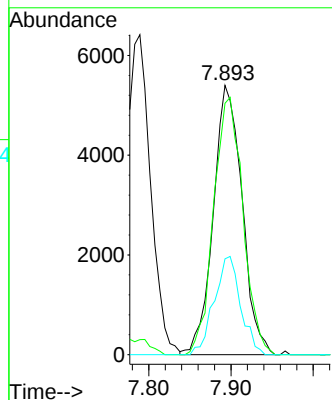
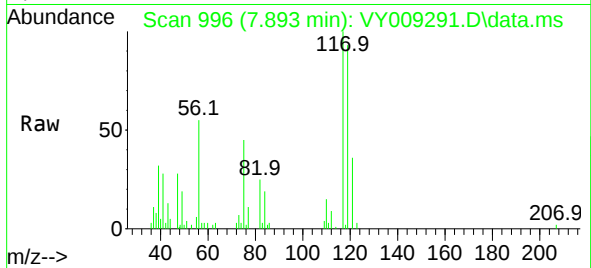




#38
Carbon Tetrachloride
Concen: 5.133 ug/l
RT: 7.893 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

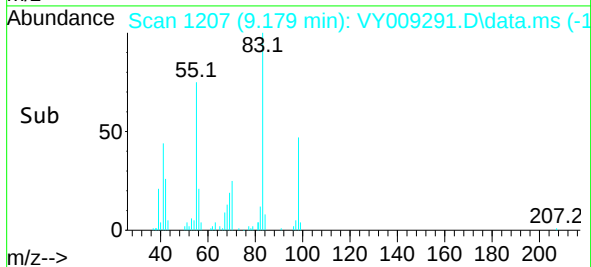
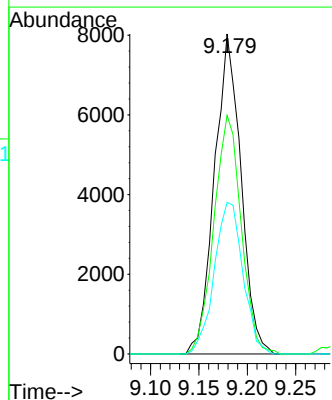
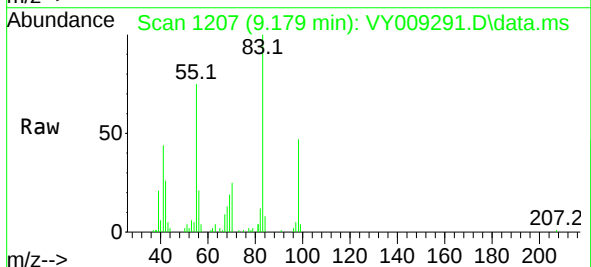
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

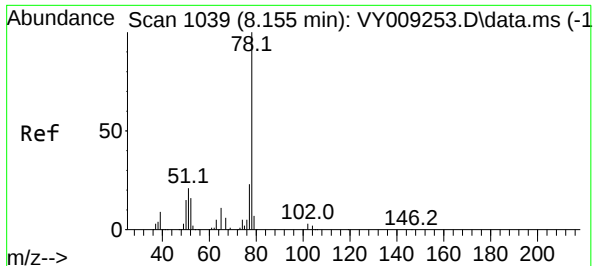
Tgt Ion:117 Resp: 13149
Ion Ratio Lower Upper
117 100
119 93.4 77.9 116.9
121 35.6 24.8 37.2



#39
Methylcyclohexane
Concen: 5.048 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 83 Resp: 15260
Ion Ratio Lower Upper
83 100
55 74.6 66.5 99.7
98 47.3 37.9 56.9





#40

Benzene

Concen: 5.204 ug/l

RT: 8.155 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

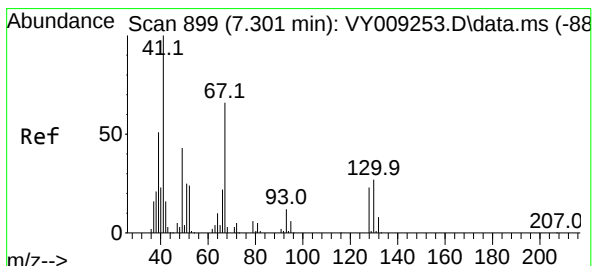
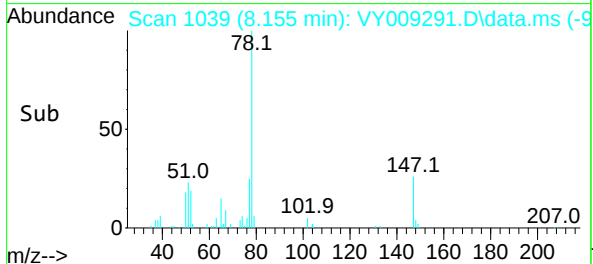
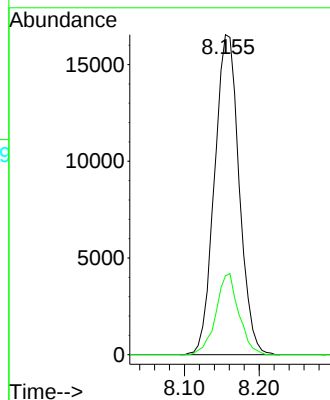
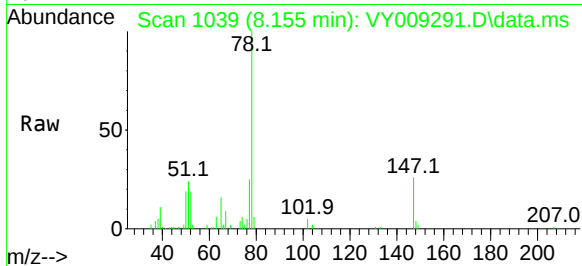
LOQ-SOIL-02-QT2-2022

Tgt Ion: 78 Resp: 37927

Ion Ratio Lower Upper

78 100

77 24.7 20.4 30.6



#41

Methacrylonitrile

Concen: 14.382 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.043 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Tgt Ion: 41 Resp: 11879

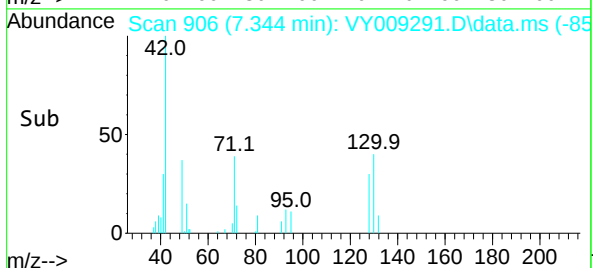
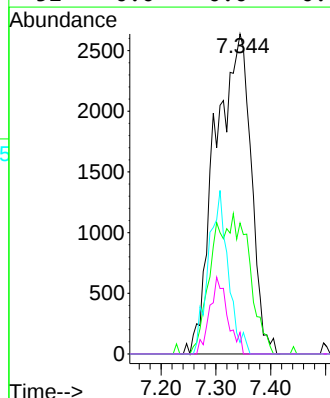
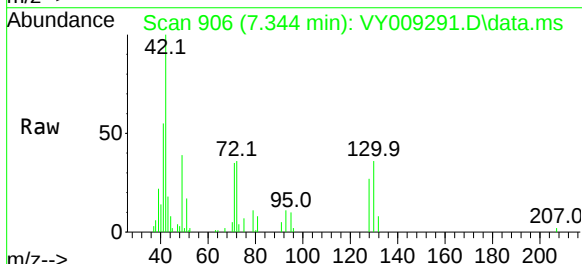
Ion Ratio Lower Upper

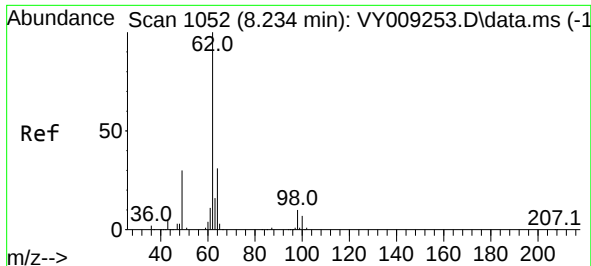
41 100

39 0.0 92.9 139.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 5.608 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

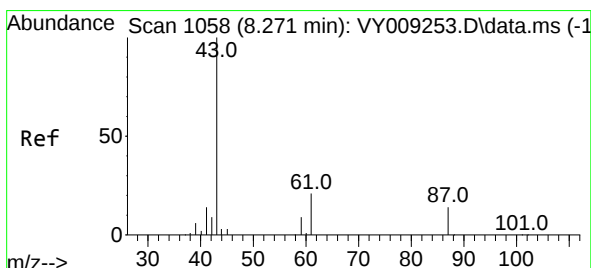
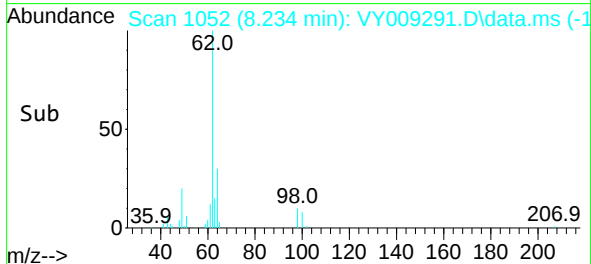
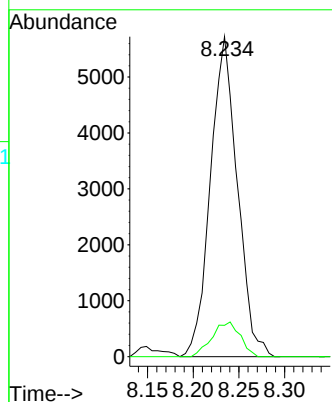
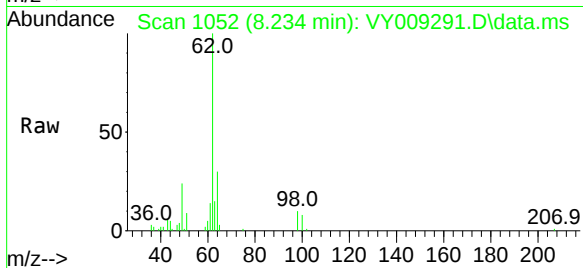
LOQ-SOIL-02-QT2-2022

Tgt Ion: 62 Resp: 11728

Ion Ratio Lower Upper

62 100

98 11.4 0.0 14.8



#43

Isopropyl Acetate

Concen: 5.613 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

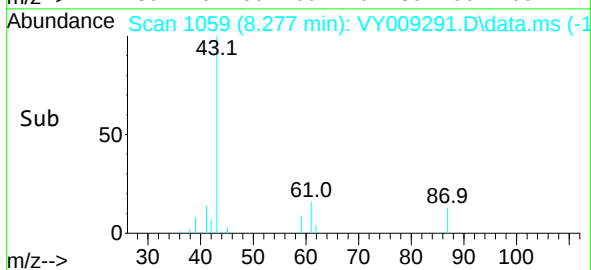
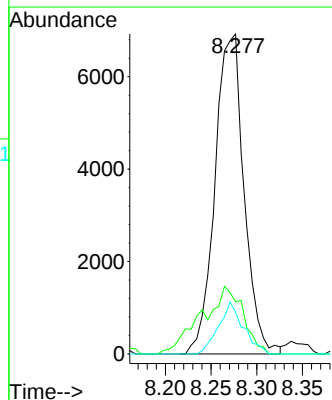
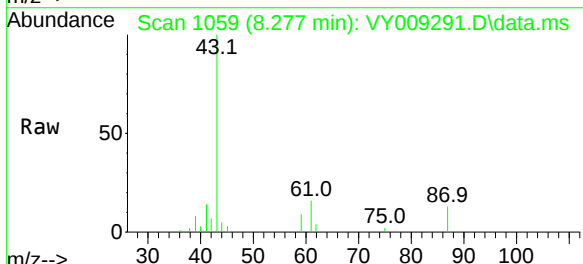
Tgt Ion: 43 Resp: 15324

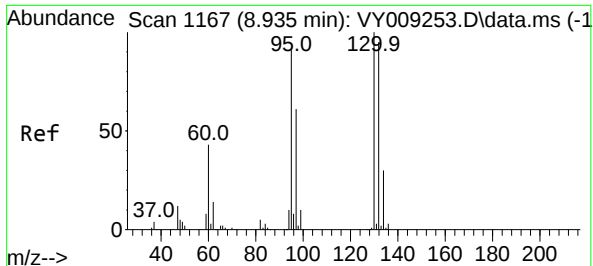
Ion Ratio Lower Upper

43 100

61 20.0 20.2 30.2#

87 13.9 8.9 13.3#

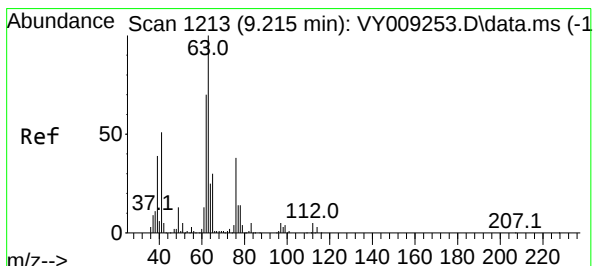
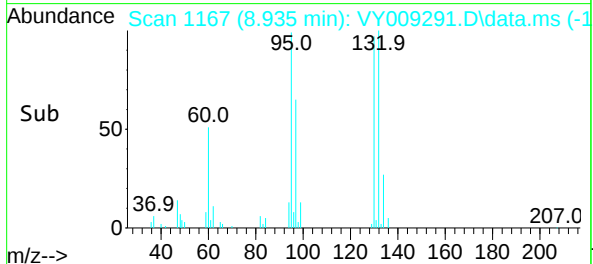
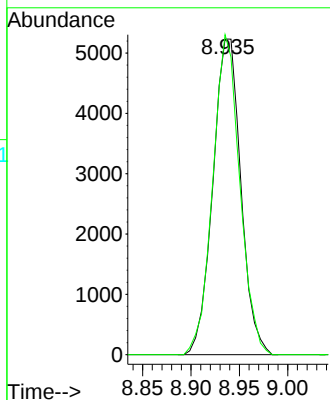
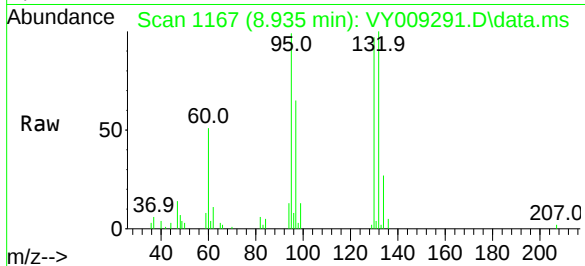




#44
Trichloroethene
Concen: 5.124 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

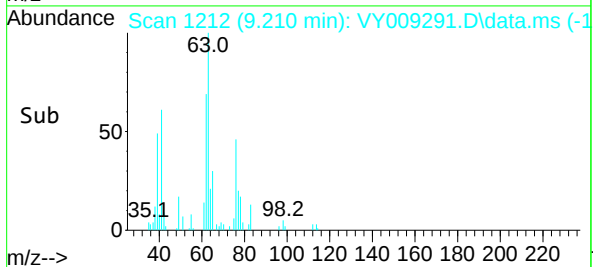
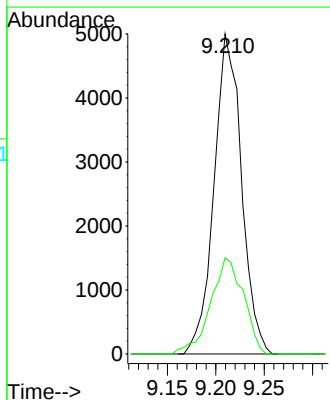
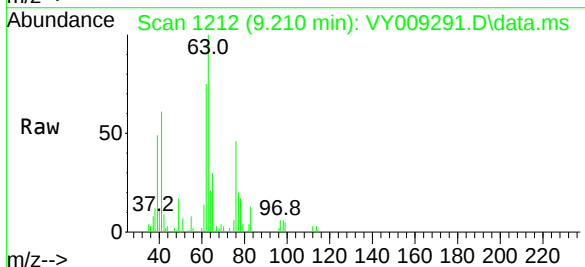
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

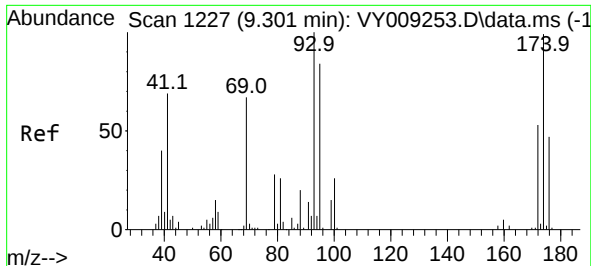
Tgt Ion:130 Resp: 10517
Ion Ratio Lower Upper
130 100
95 101.4 0.0 188.2



#45
1,2-Dichloropropane
Concen: 5.251 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. -0.005 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 63 Resp: 9859
Ion Ratio Lower Upper
63 100
65 30.1 23.0 34.6

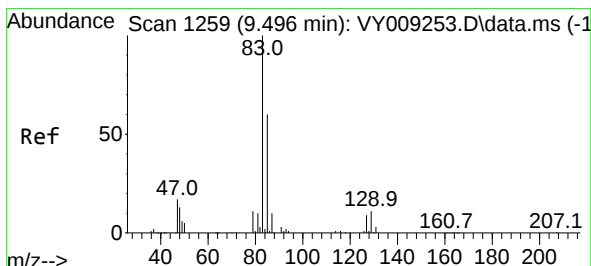
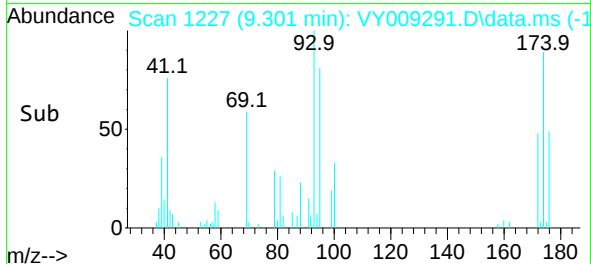
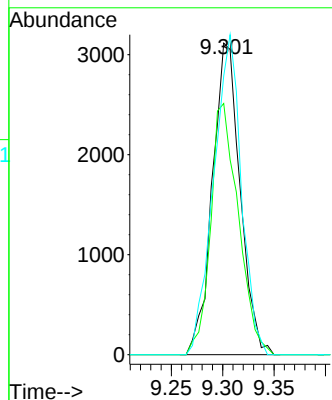
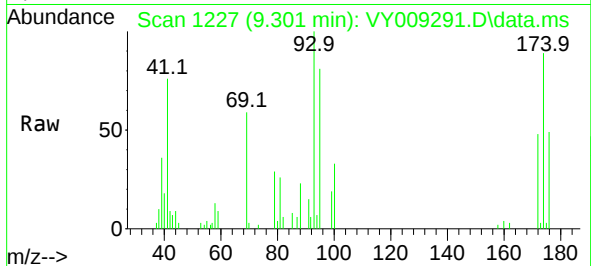




#46
Dibromomethane
Concen: 5.465 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

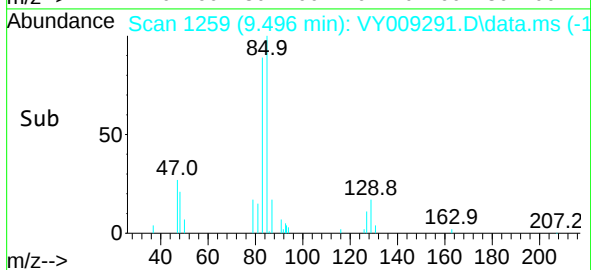
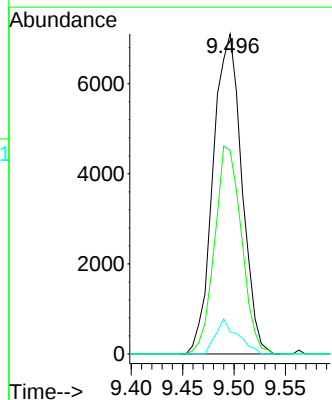
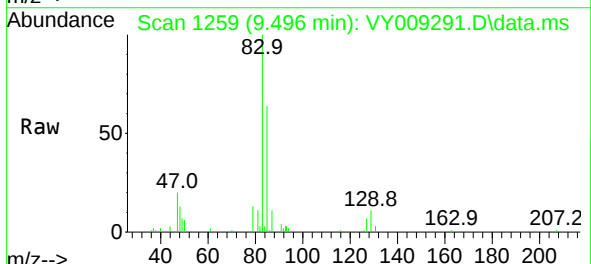
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

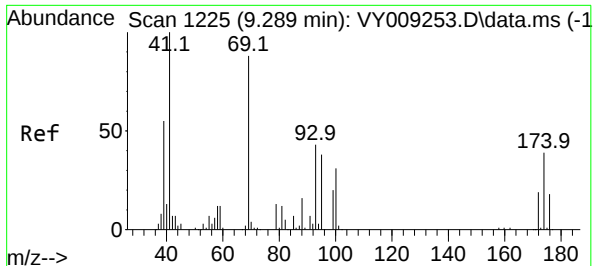
Tgt Ion: 93 Resp: 5835
Ion Ratio Lower Upper
93 100
95 80.8 64.3 96.5
174 103.0 83.4 125.0



#47
Bromodichloromethane
Concen: 5.438 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 83 Resp: 13788
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 6.9 6.6 10.0





#48

Methyl methacrylate

Concen: 5.204 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

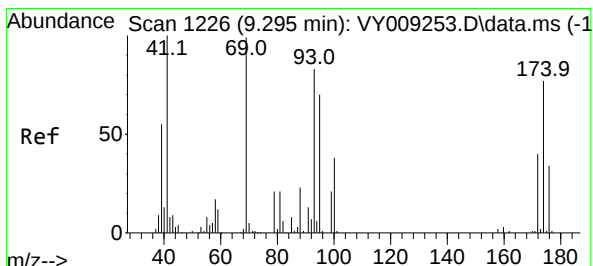
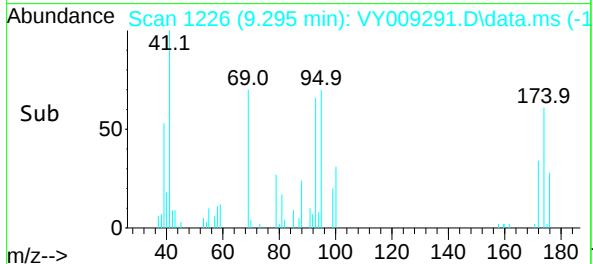
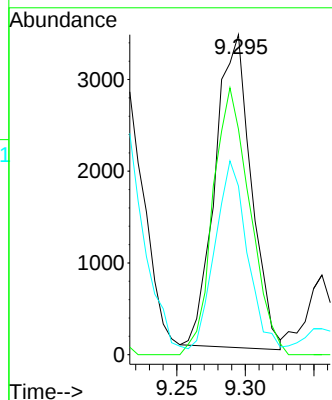
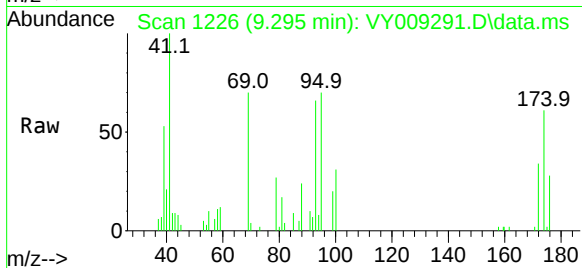
Tgt Ion: 41 Resp: 6227

Ion Ratio Lower Upper

41 100

69 87.5 58.2 87.2#

39 58.0 47.4 71.0



#49

1,4-Dioxane

Concen: 103.042 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

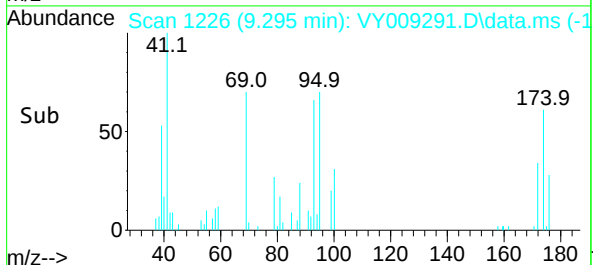
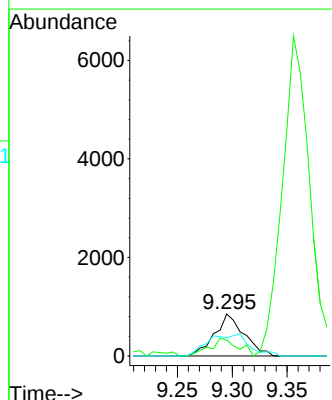
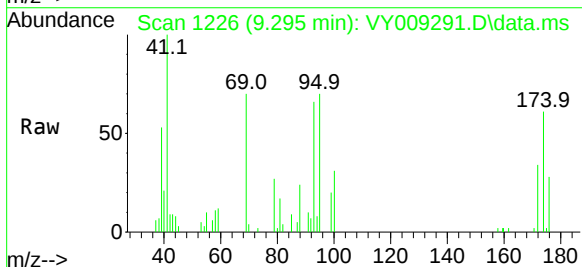
Tgt Ion: 88 Resp: 1581

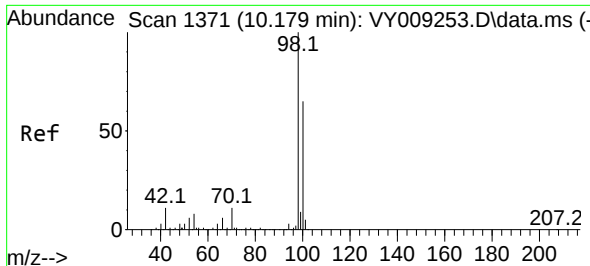
Ion Ratio Lower Upper

88 100

43 39.9 32.8 49.2

58 73.3 59.8 89.6

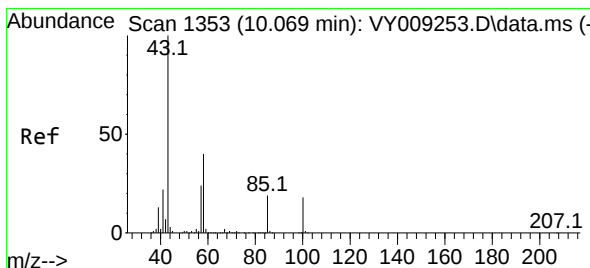
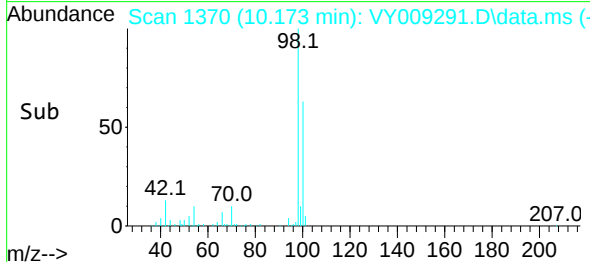
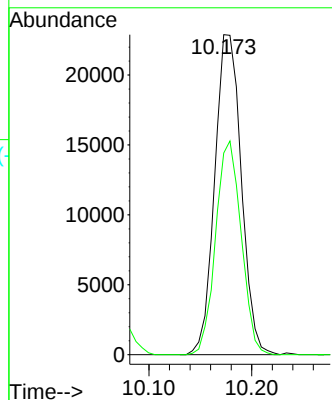
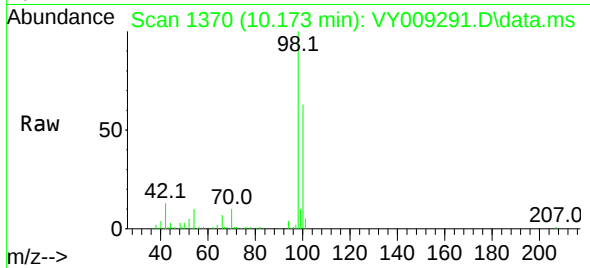




#50
Toluene-d8
Concen: 6.613 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

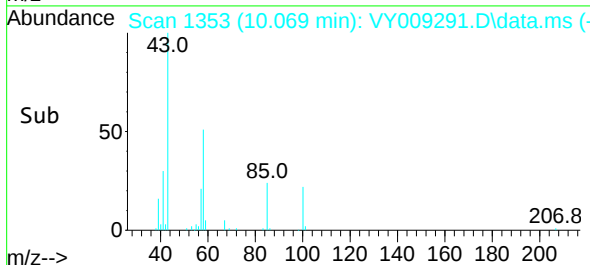
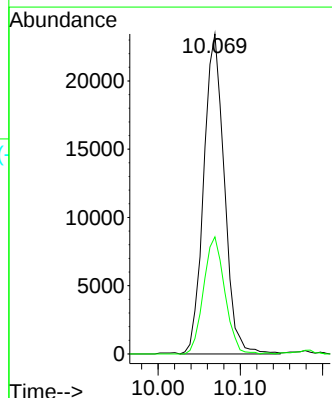
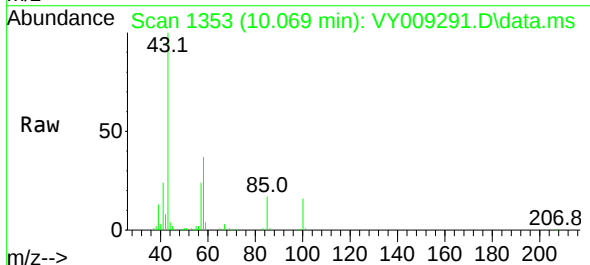
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

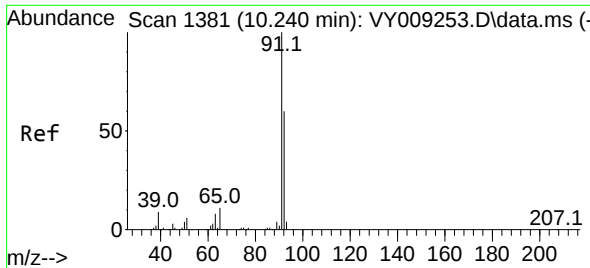
Tgt Ion: 98 Resp: 41126
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 28.786 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 43 Resp: 40875
Ion Ratio Lower Upper
43 100
58 37.6 28.1 42.1

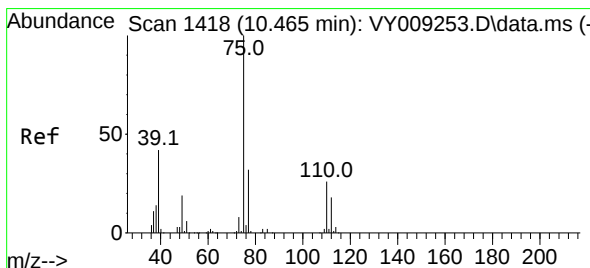
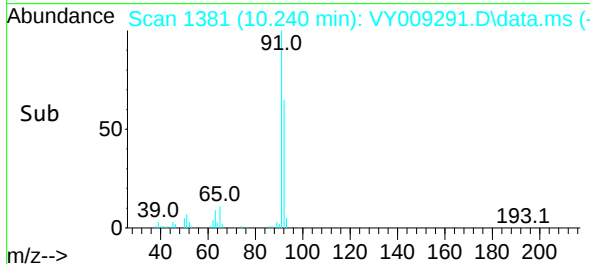
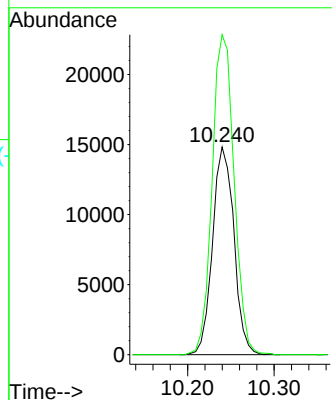
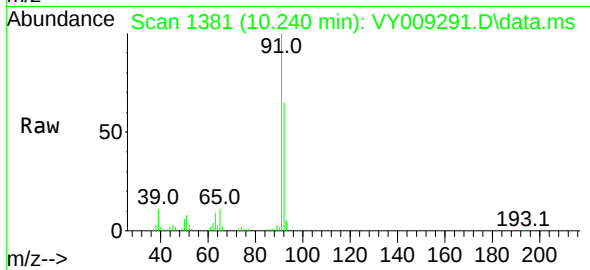




#52
Toluene
Concen: 5.511 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

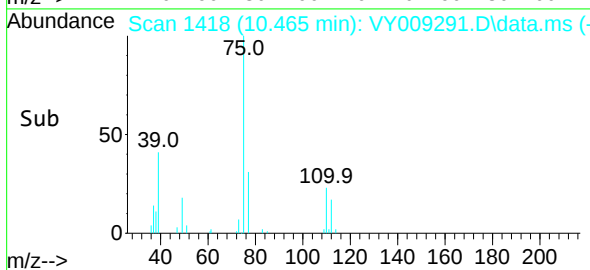
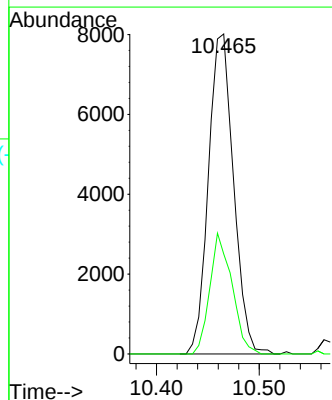
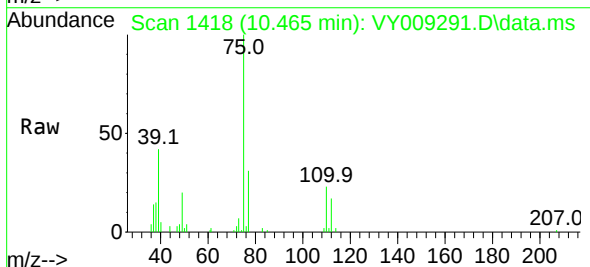
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022

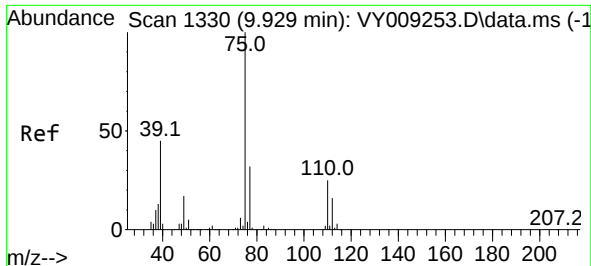
Tgt Ion: 92 Resp: 25389
Ion Ratio Lower Upper
92 100
91 158.5 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 5.153 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 75 Resp: 13585
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

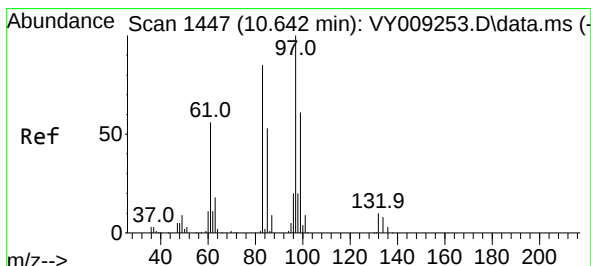
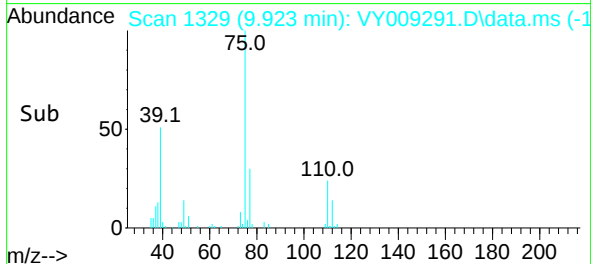
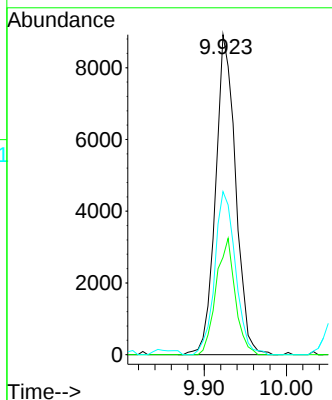
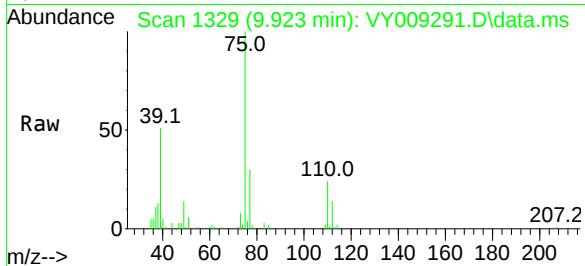




#54
 cis-1,3-Dichloropropene
 Concen: 5.040 ug/l
 RT: 9.923 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY009291.D
 Acq: 23 Jun 2022 13:37

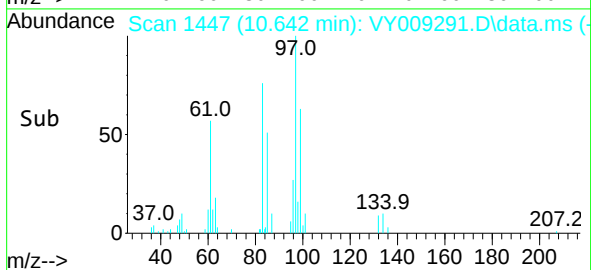
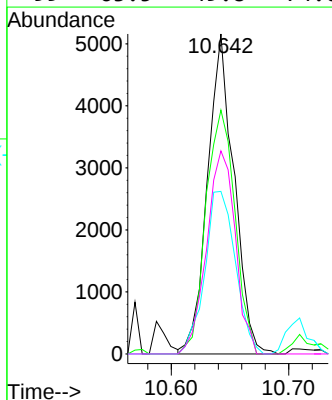
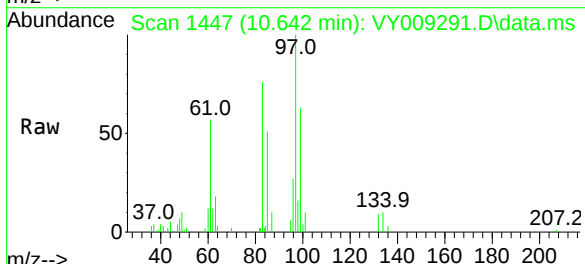
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

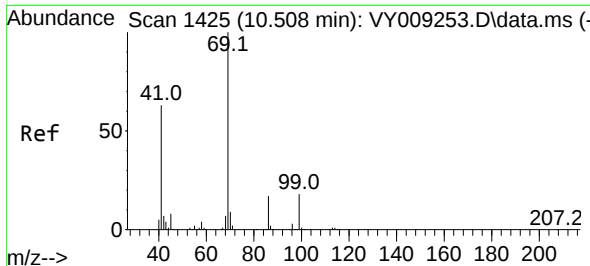
Tgt Ion: 75	Resp:	15124
Ion Ratio	Lower	Upper
75	100	
77	30.4	25.6 38.4
39	50.9	47.6 71.4



#55
 1,1,2-Trichloroethane
 Concen: 5.398 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY009291.D
 Acq: 23 Jun 2022 13:37

Tgt Ion: 97	Resp:	8090
Ion Ratio	Lower	Upper
97	100	
83	76.2	69.8 104.8
85	50.8	44.3 66.5
99	63.5	49.8 74.6

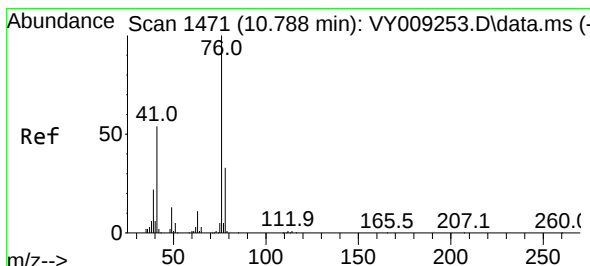
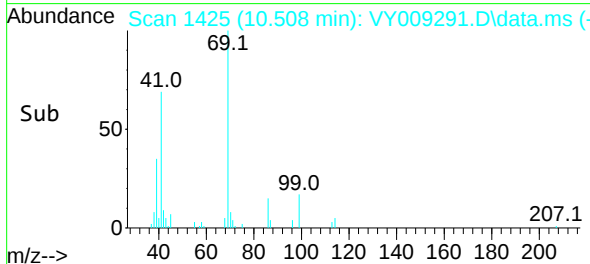
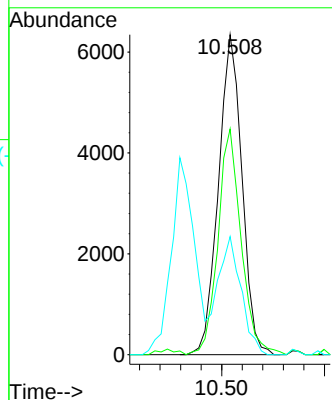
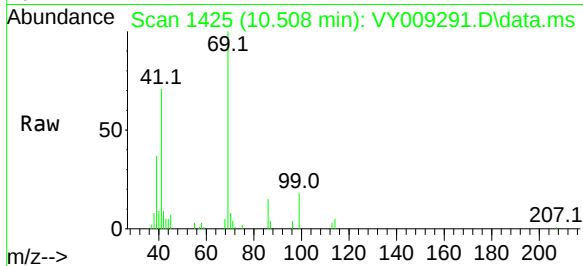




#56
Ethyl methacrylate
Concen: 5.082 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

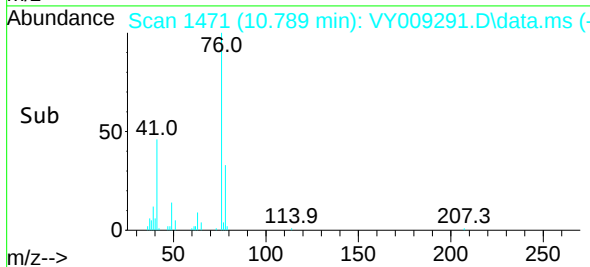
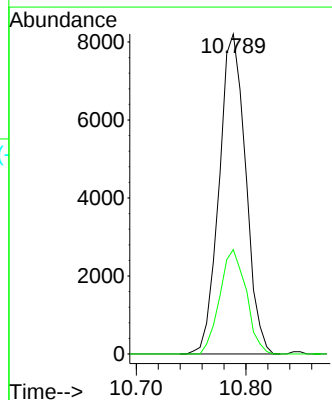
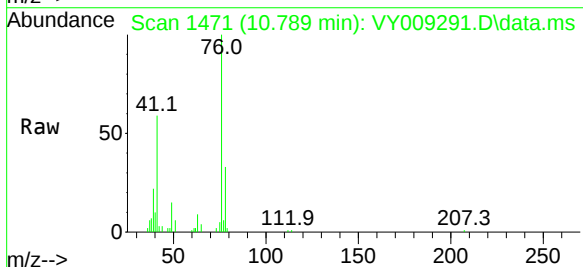
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

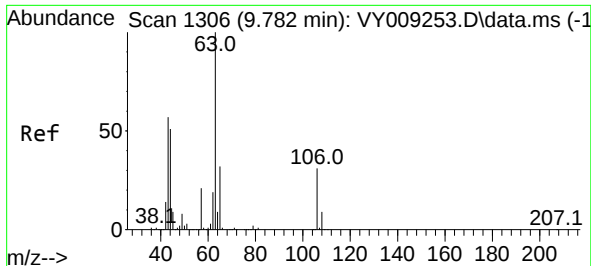
Tgt Ion: 69	Resp: 10076
Ion Ratio	Lower Upper
69 100	
41 69.4	63.4 95.0
39 37.1	35.8 53.8



#57
1,3-Dichloropropane
Concen: 5.368 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 76	Resp: 13766
Ion Ratio	Lower Upper
76 100	
78 32.5	25.0 37.6

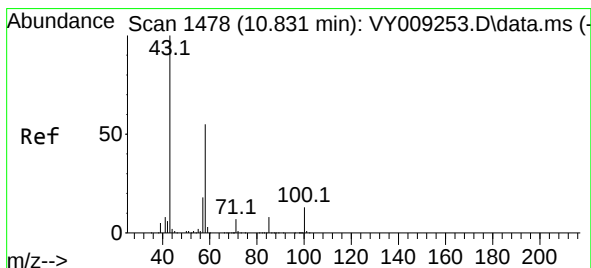
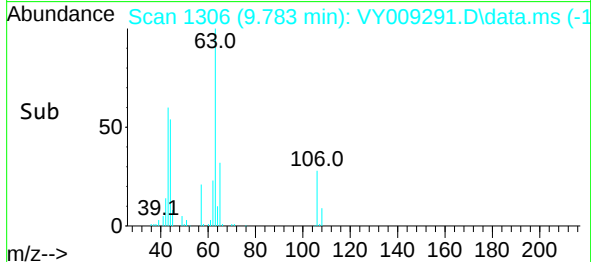
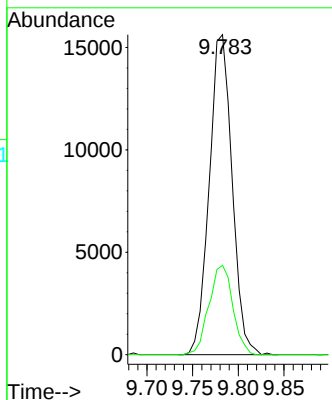
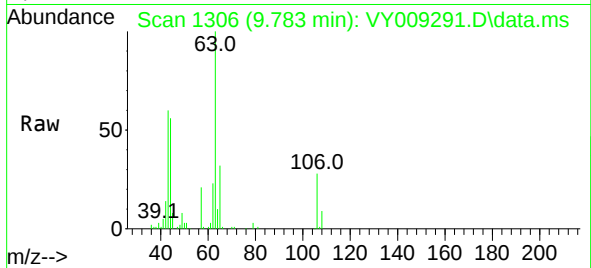




#58
2-Chloroethyl Vinyl ether
Concen: 31.877 ug/l
RT: 9.783 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

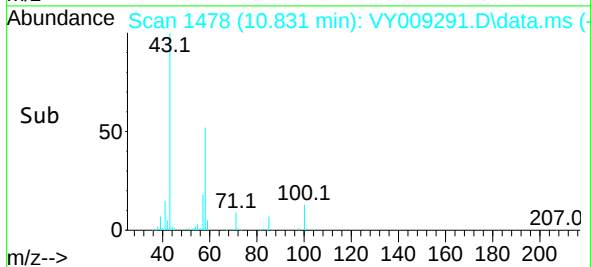
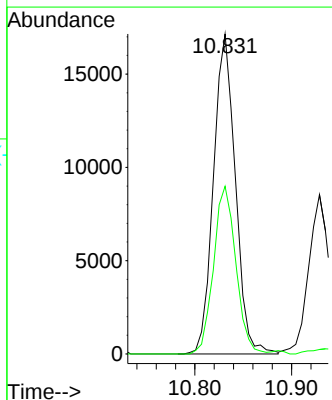
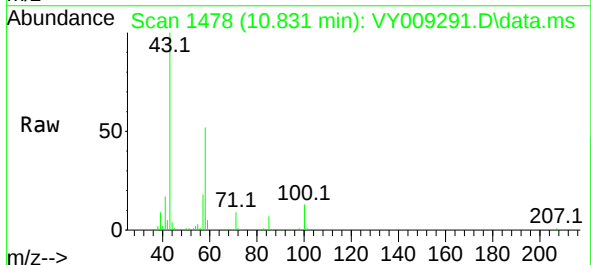
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

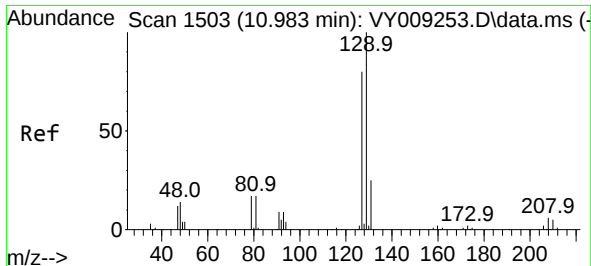
Tgt Ion: 63 Resp: 27111
Ion Ratio Lower Upper
63 100
106 29.2 21.5 32.3



#59
2-Hexanone
Concen: 28.011 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 43 Resp: 26918
Ion Ratio Lower Upper
43 100
58 53.3 24.4 73.4

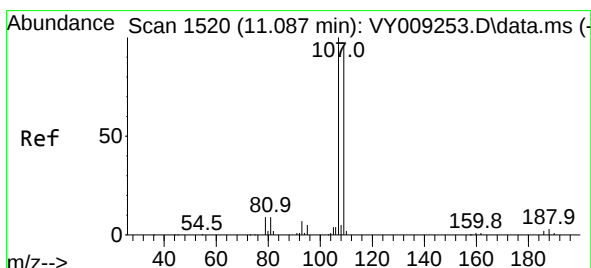
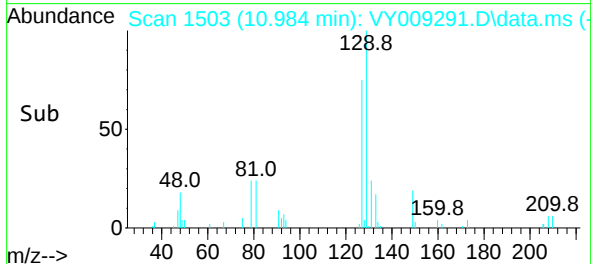
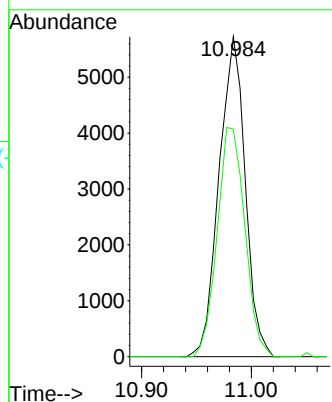
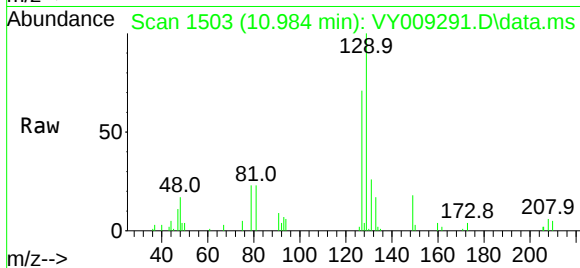




#60
Dibromochloromethane
Concen: 5.187 ug/l
RT: 10.984 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

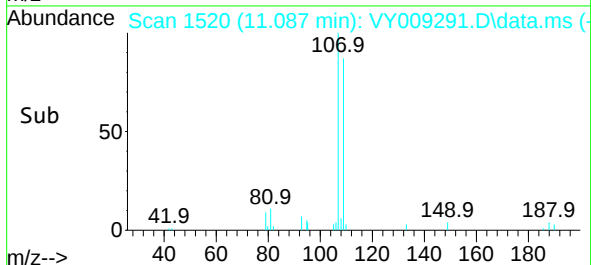
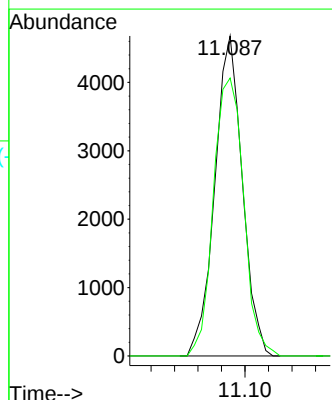
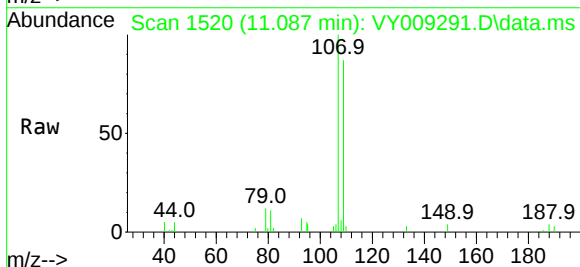
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

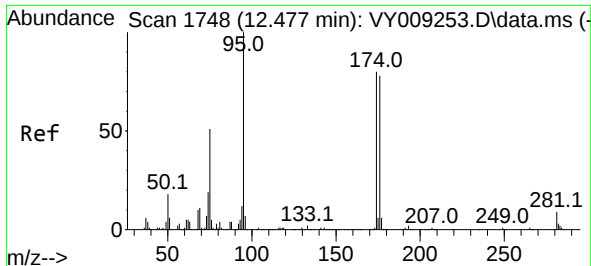
Tgt Ion:129 Resp: 9481
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1



#61
1,2-Dibromoethane
Concen: 5.226 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion:107 Resp: 7636
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

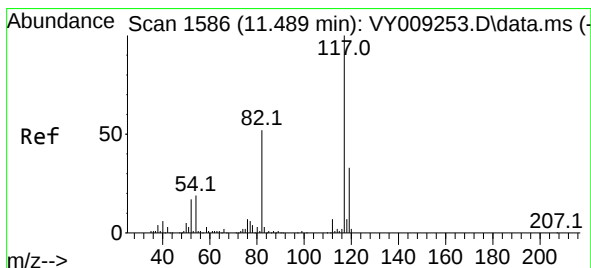
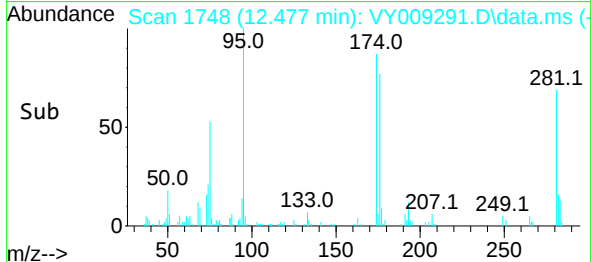
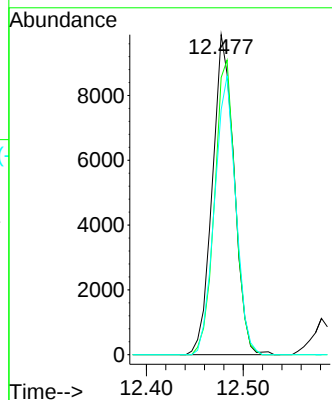
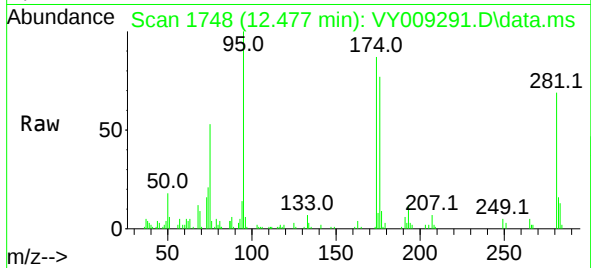




#62
4-Bromofluorobenzene
Concen: 7.043 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

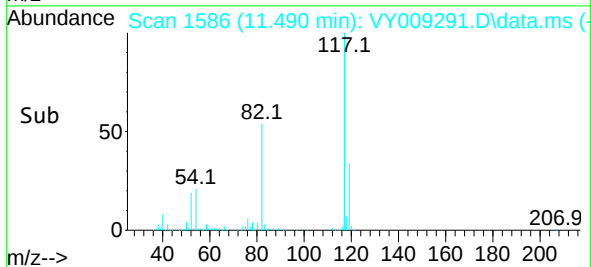
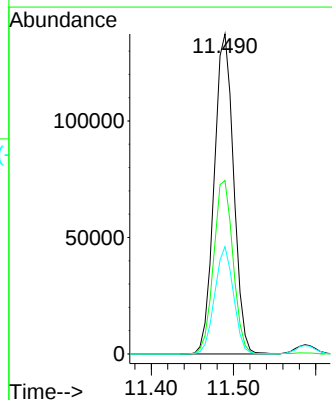
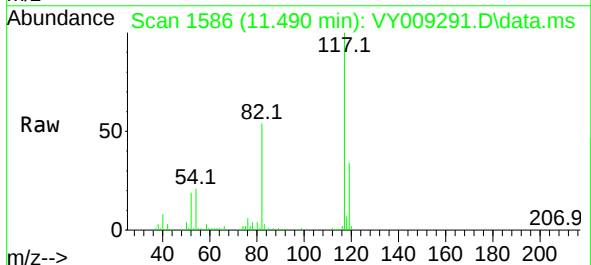
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

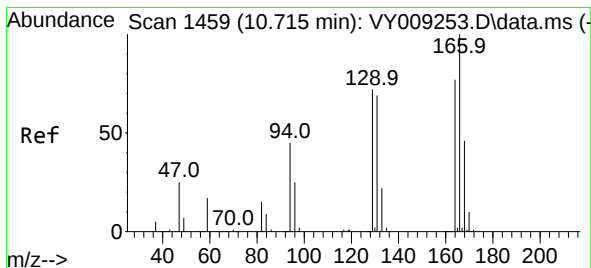
Tgt Ion: 95 Resp: 15390
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 85.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 117 Resp: 225946
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 33.5 25.4 38.0





#64

Tetrachloroethene

Concen: 5.606 ug/l

RT: 10.721 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:164 Resp: 12221

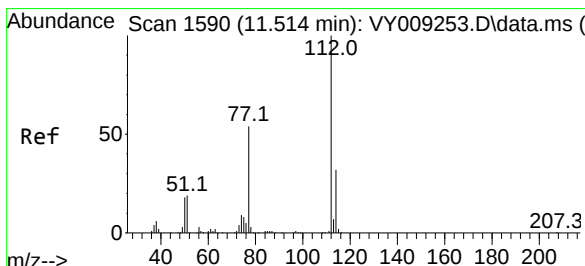
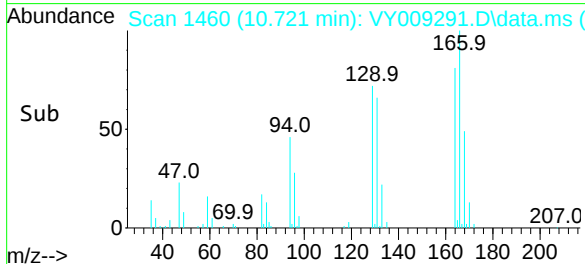
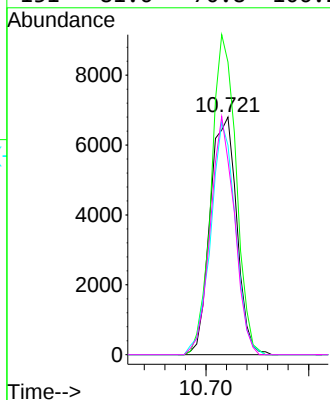
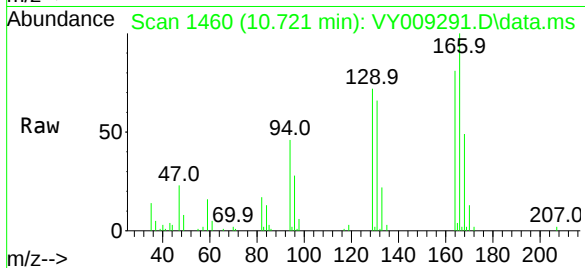
Ion Ratio Lower Upper

164 100

166 123.2 100.4 150.6

129 88.2 71.4 107.0

131 81.6 70.8 106.2



#65

Chlorobenzene

Concen: 5.212 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009291.D

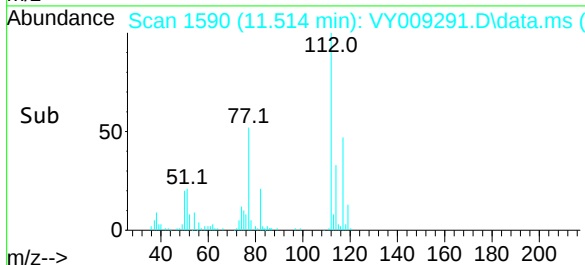
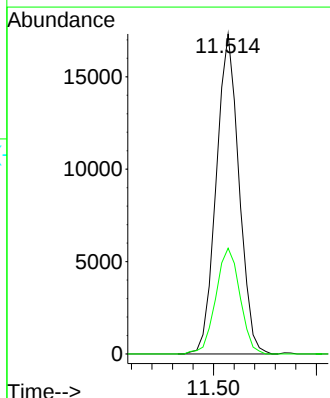
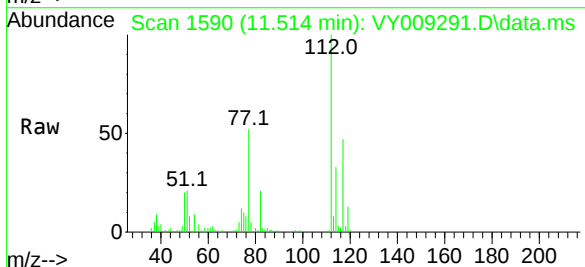
Acq: 23 Jun 2022 13:37

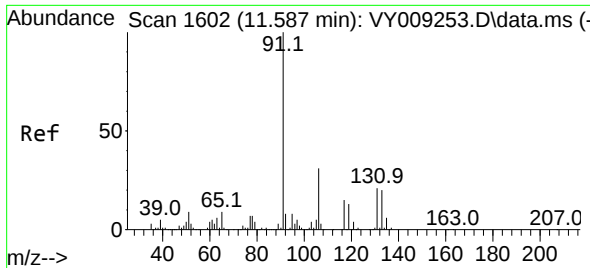
Tgt Ion:112 Resp: 26528

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.6

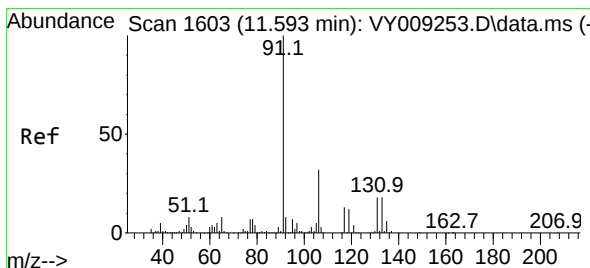
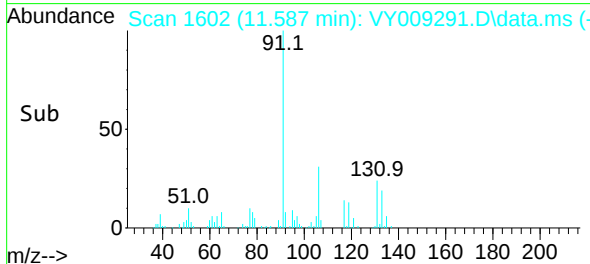
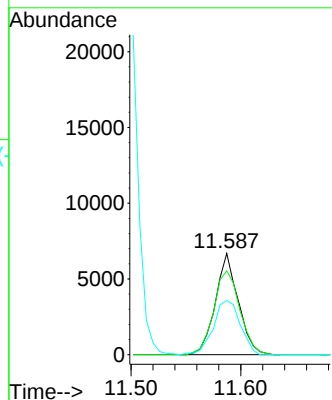
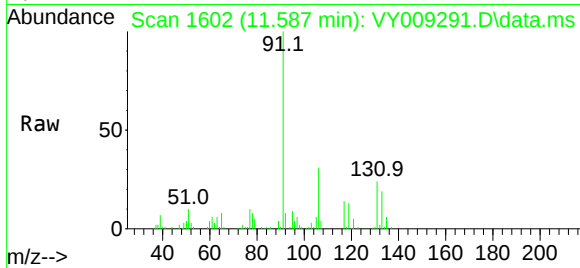




#66
1,1,1,2-Tetrachloroethane
Concen: 5.200 ug/l
RT: 11.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

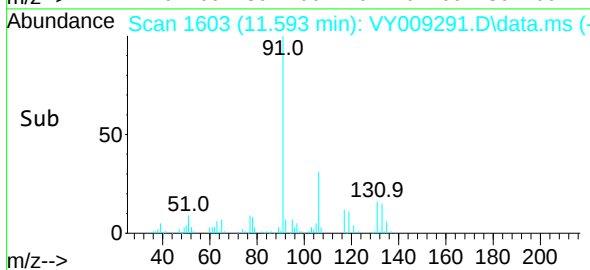
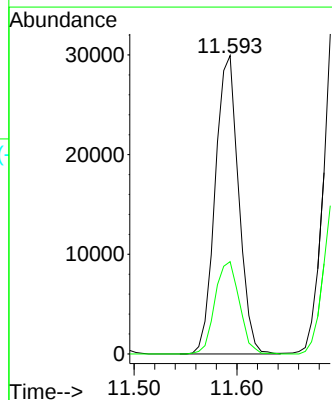
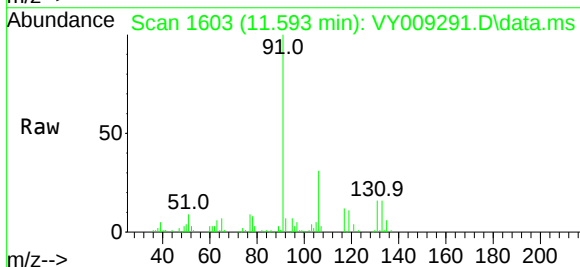
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

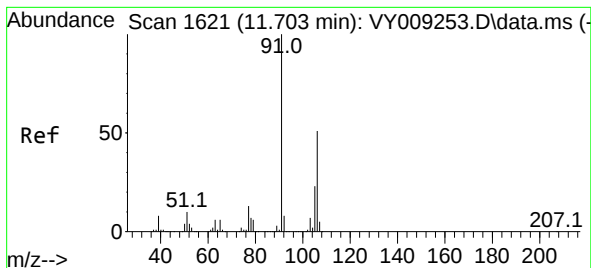
Tgt Ion:131 Resp: 9678
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 63.0 30.8 92.3



#67
Ethyl Benzene
Concen: 5.362 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 91 Resp: 47297
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7





#68

m/p-Xylenes

Concen: 10.504 ug/l

RT: 11.697 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

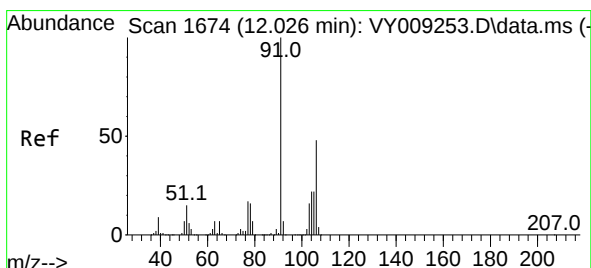
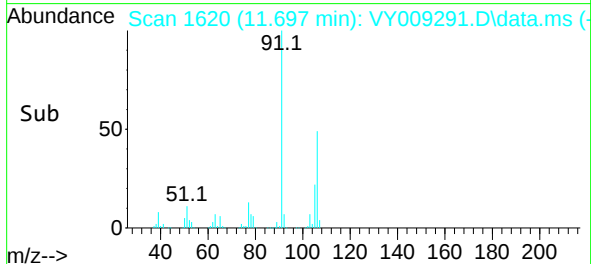
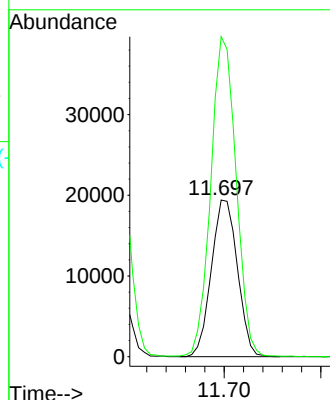
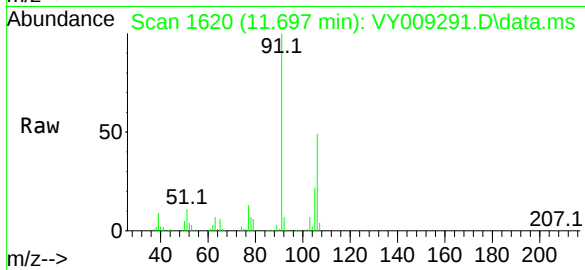
LOQ-SOIL-02-QT2-2022

Tgt Ion:106 Resp: 36360

Ion Ratio Lower Upper

106 100

91 199.0 166.6 249.8



#69

o-Xylene

Concen: 5.252 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY009291.D

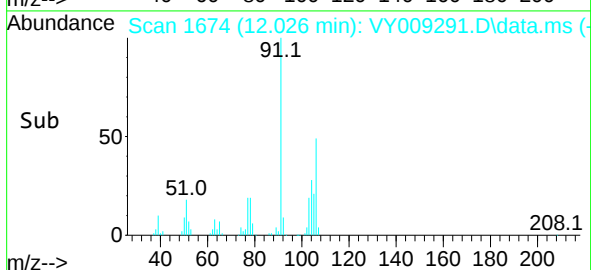
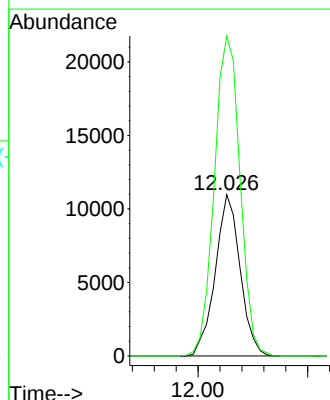
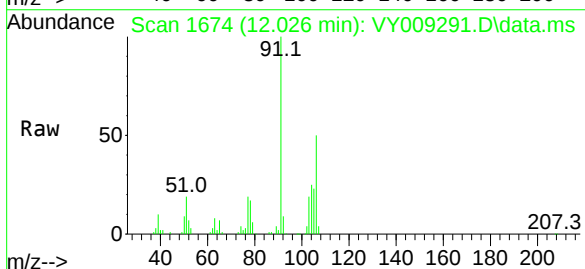
Acq: 23 Jun 2022 13:37

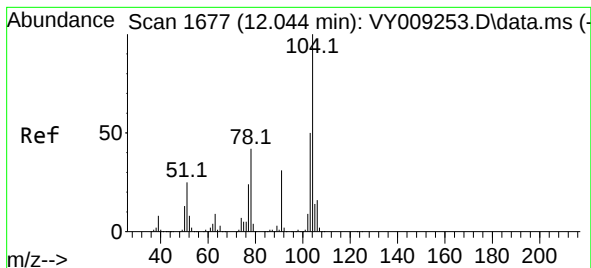
Tgt Ion:106 Resp: 17287

Ion Ratio Lower Upper

106 100

91 204.9 110.3 331.0





#70

Styrene

Concen: 5.071 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

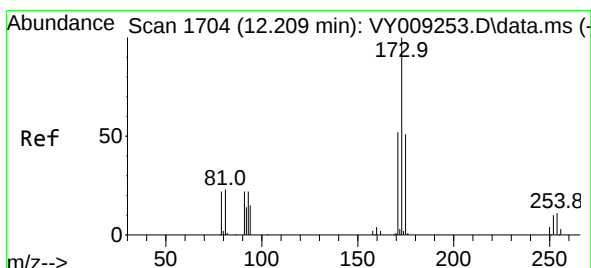
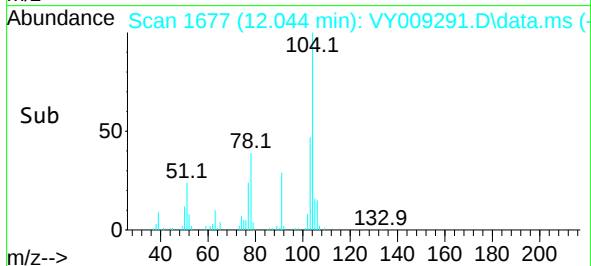
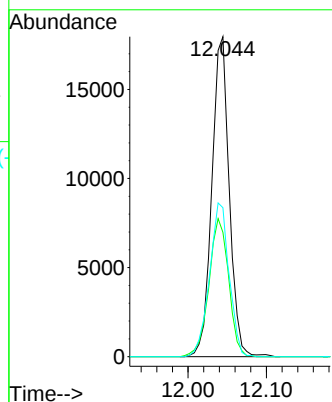
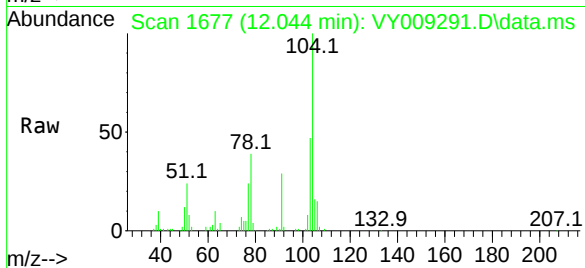
Tgt Ion:104 Resp: 27680

Ion Ratio Lower Upper

104 100

78 48.9 42.4 63.6

103 54.2 44.4 66.6



#71

Bromoform

Concen: 5.044 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

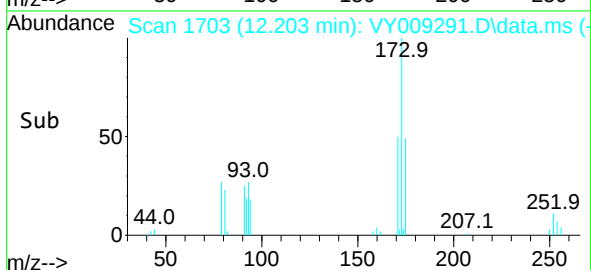
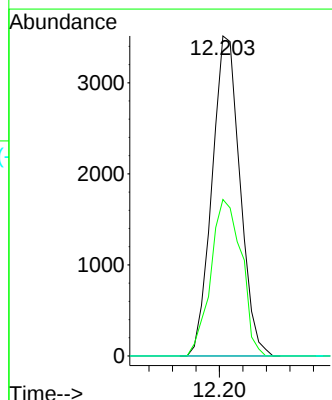
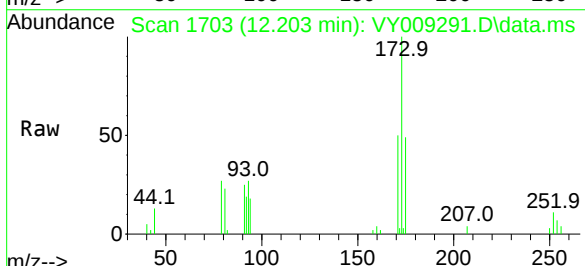
Tgt Ion:173 Resp: 5802

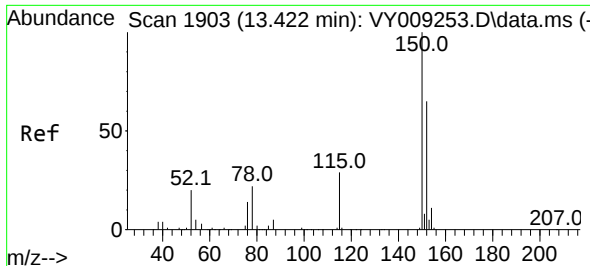
Ion Ratio Lower Upper

173 100

175 53.8 24.6 74.0

254 0.0 0.0 0.0

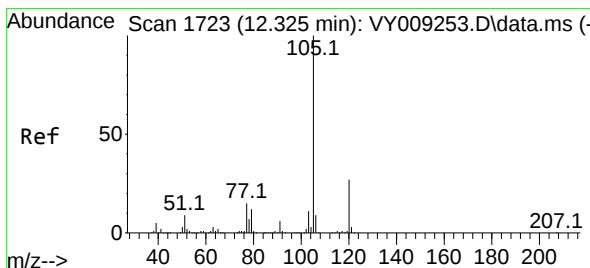
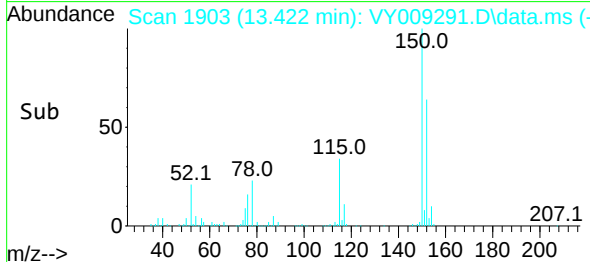
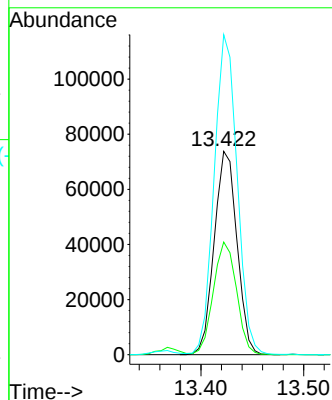
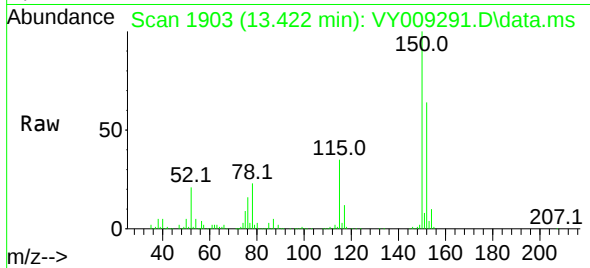




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

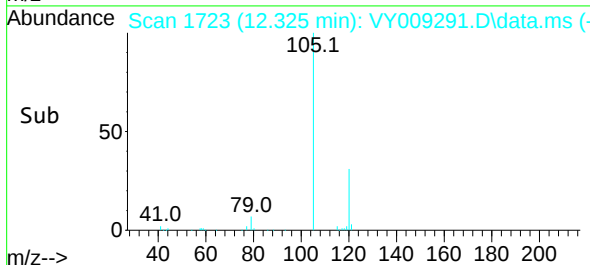
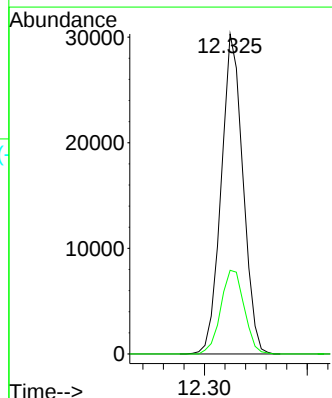
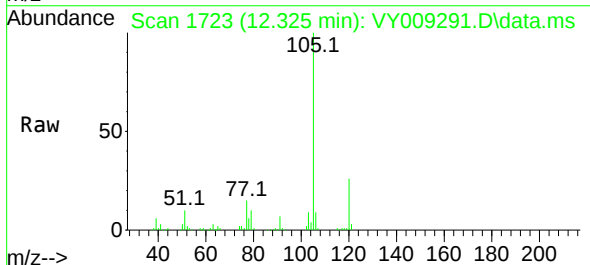
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

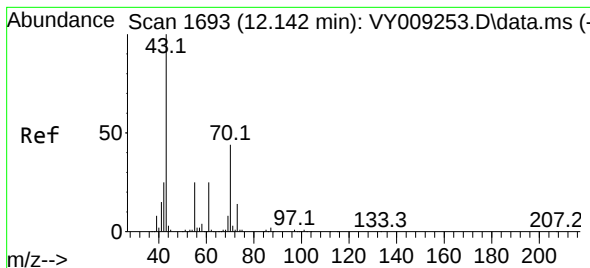
Tgt Ion:152 Resp: 113580
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 159.2 0.0 347.6



#73
Isopropylbenzene
Concen: 4.987 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion:105 Resp: 44441
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.2





#74

N-ethyl acetate

Concen: 4.927 ug/l

RT: 12.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009291.D

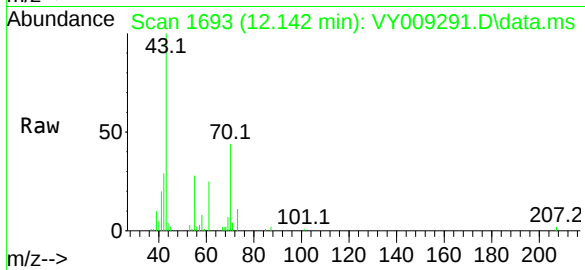
Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 11726

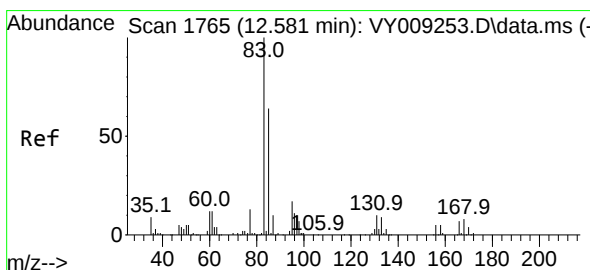
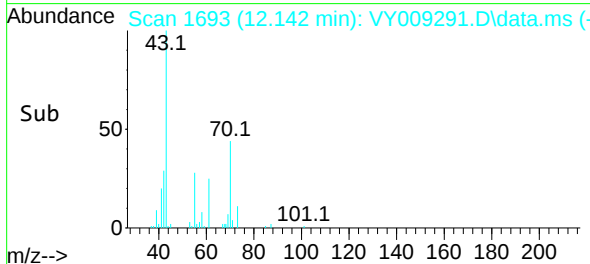
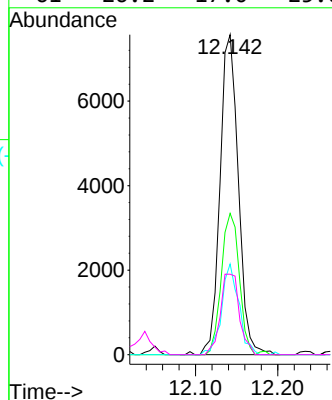
Ion Ratio Lower Upper

43 100

70 43.6 28.7 43.1#

55 26.7 17.3 25.9#

61 26.2 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 5.201 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

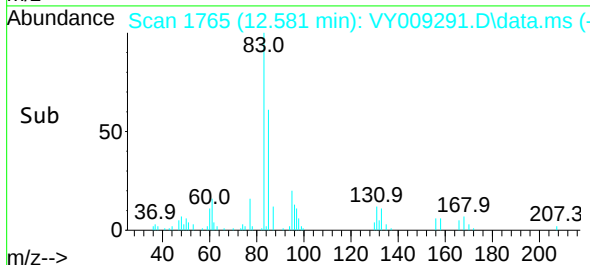
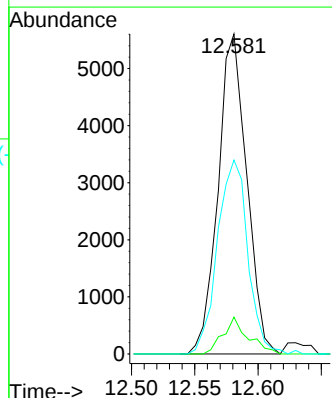
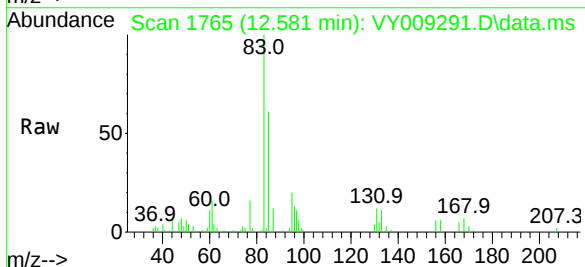
Tgt Ion: 83 Resp: 8818

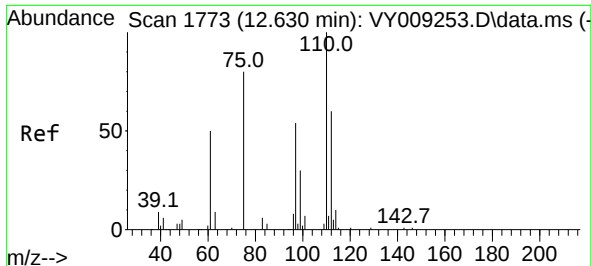
Ion Ratio Lower Upper

83 100

131 10.1 5.6 16.8

85 64.4 32.3 96.8

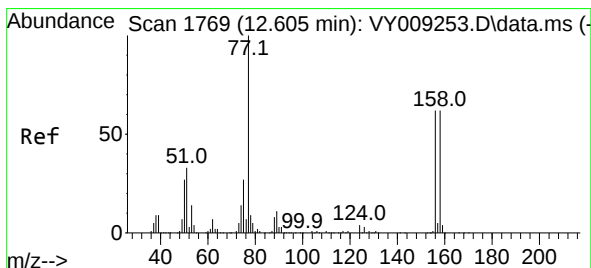
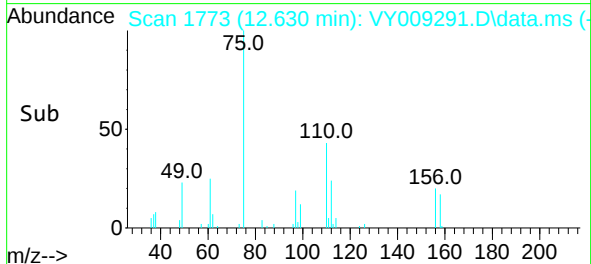
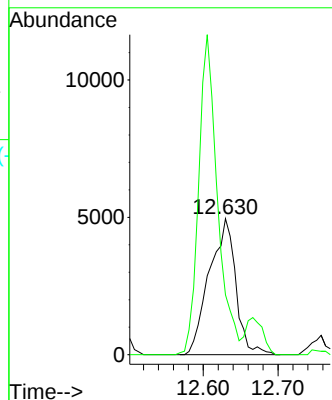
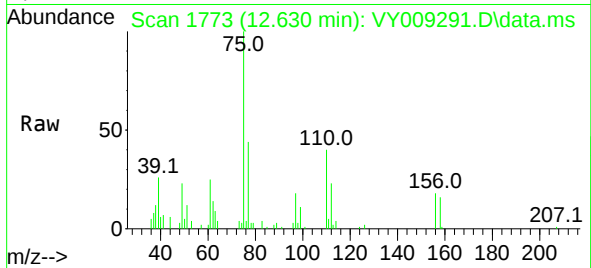




#76
1,2,3-Trichloropropane
Concen: 9.157 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

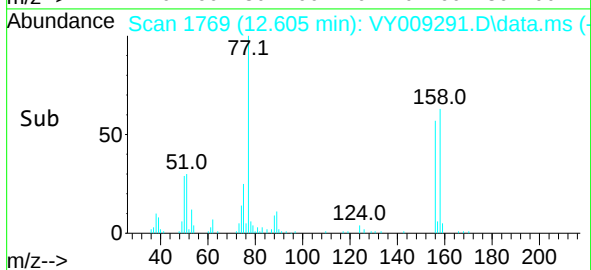
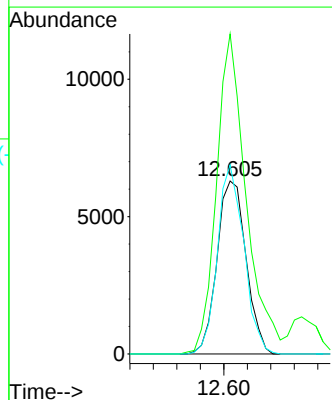
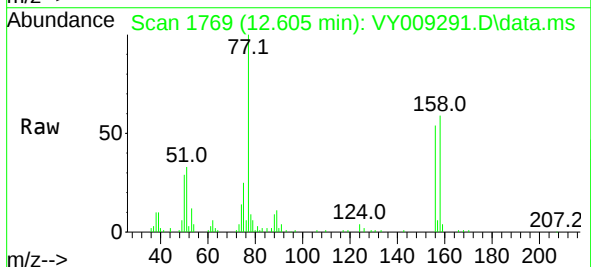
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

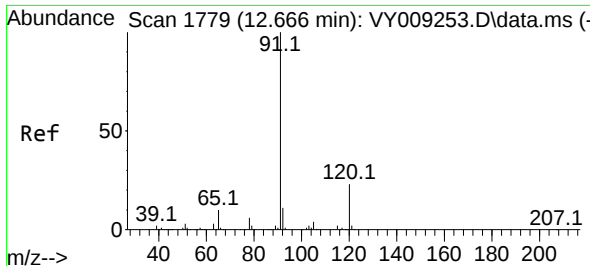
Tgt Ion: 75 Resp: 12194
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 5.005 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 156 Resp: 10832
Ion Ratio Lower Upper
156 100
77 187.9 95.5 286.4
158 99.5 48.0 144.0

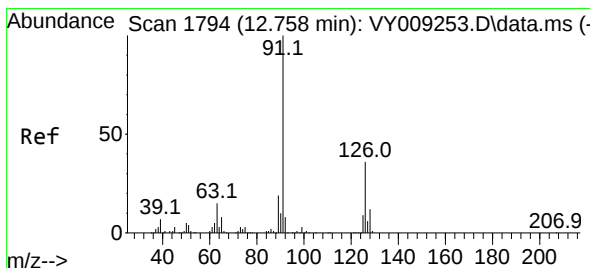
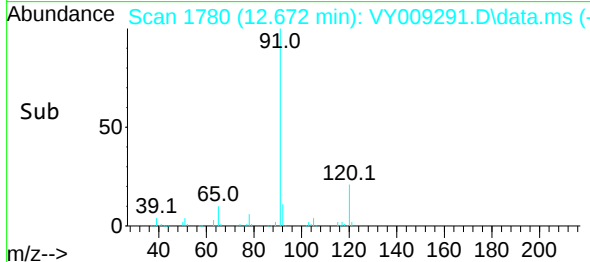
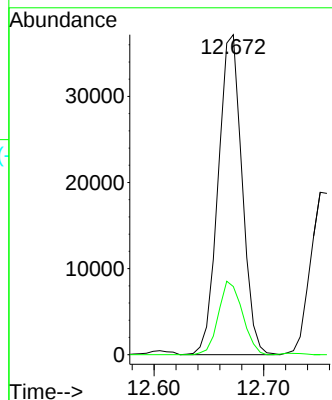
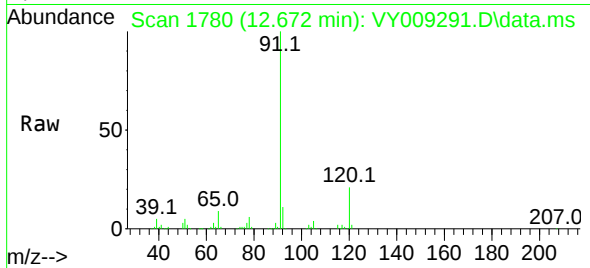




#78
n-propylbenzene
Concen: 5.234 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

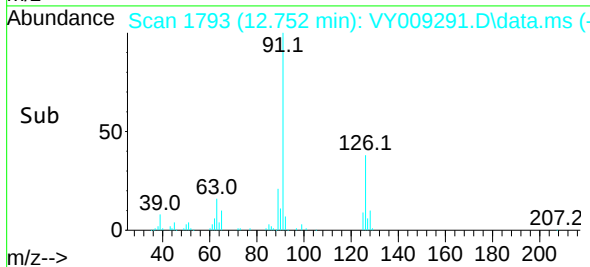
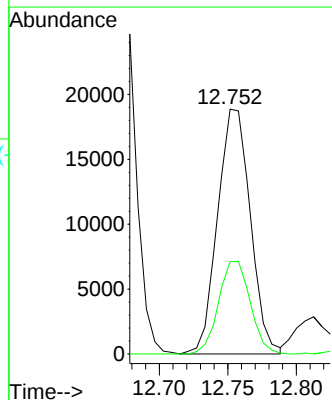
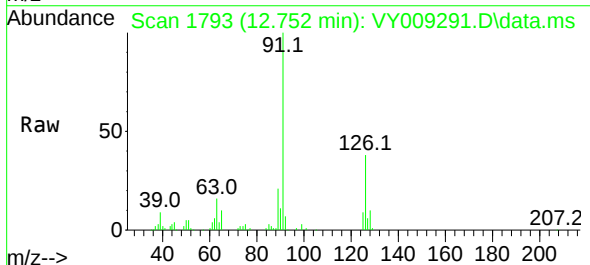
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

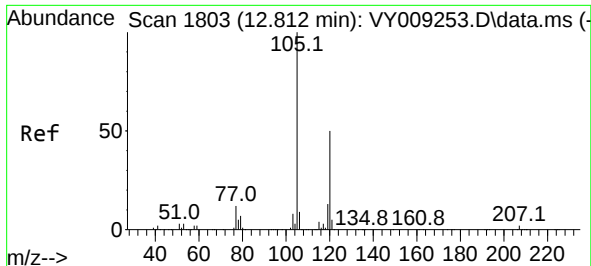
Tgt Ion: 91 Resp: 56190
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9



#79
2-Chlorotoluene
Concen: 5.196 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 91 Resp: 31425
Ion Ratio Lower Upper
91 100
126 36.5 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 4.993 ug/l

RT: 12.813 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

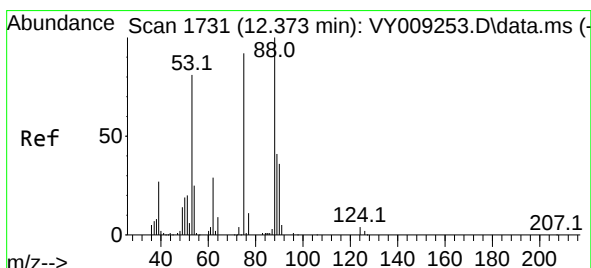
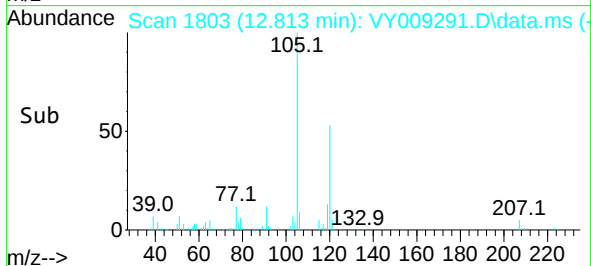
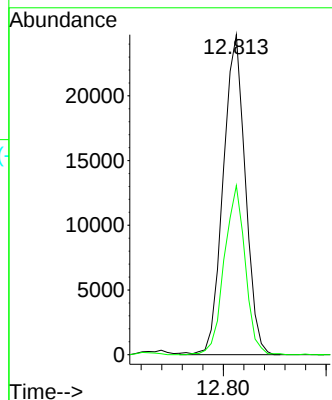
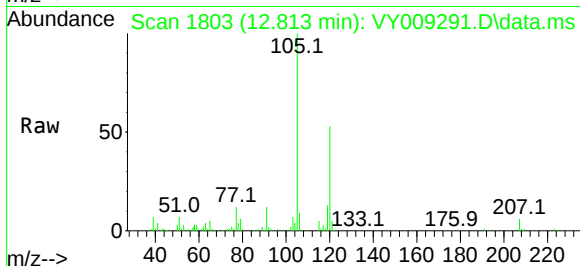
LOQ-SOIL-02-QT2-2022

Tgt Ion:105 Resp: 36933

Ion Ratio Lower Upper

105 100

120 50.0 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 5.253 ug/l

RT: 12.374 min Scan# 1731

Delta R.T. 0.001 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

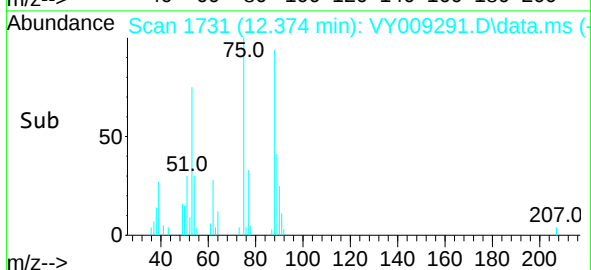
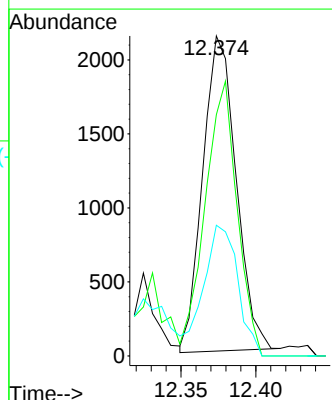
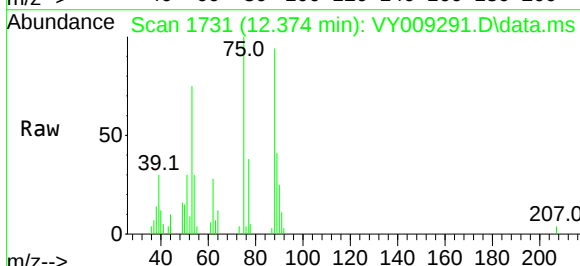
Tgt Ion: 75 Resp: 3299

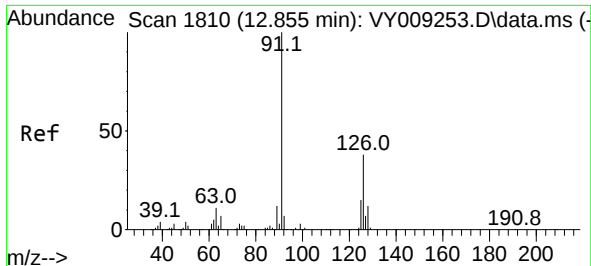
Ion Ratio Lower Upper

75 100

53 83.5 85.3 127.9#

89 42.7 37.0 55.4

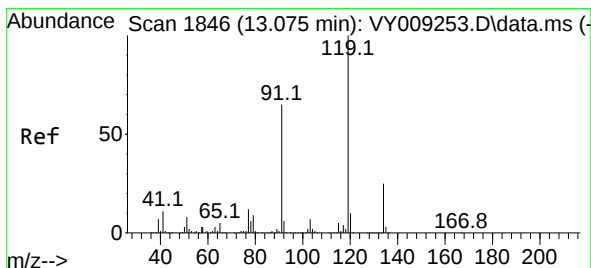
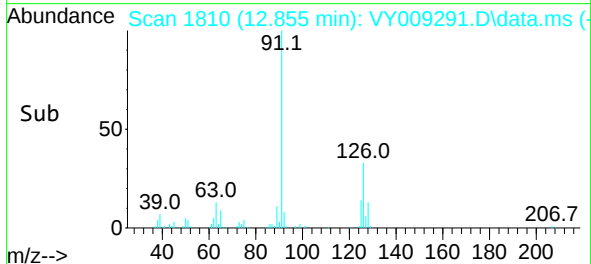
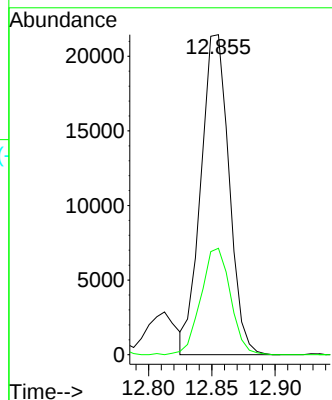
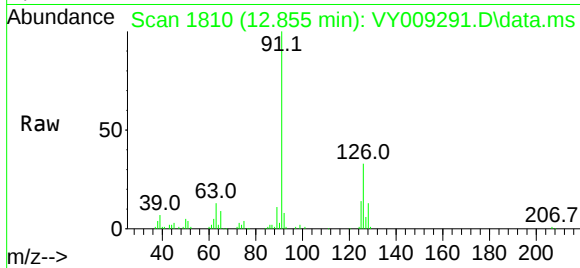




#82
4-Chlorotoluene
Concen: 5.275 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

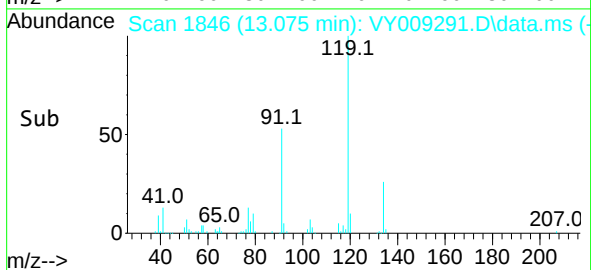
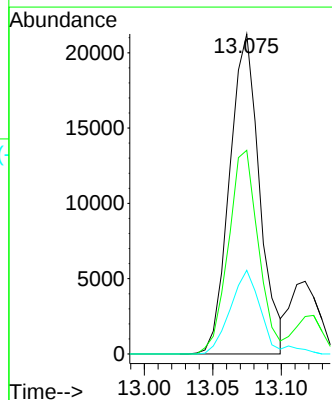
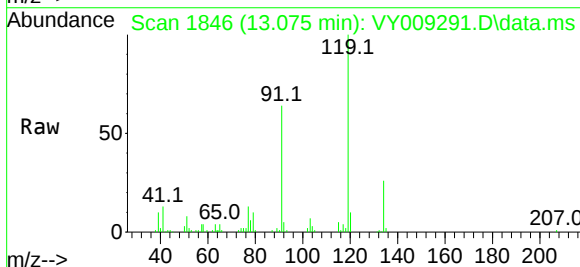
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

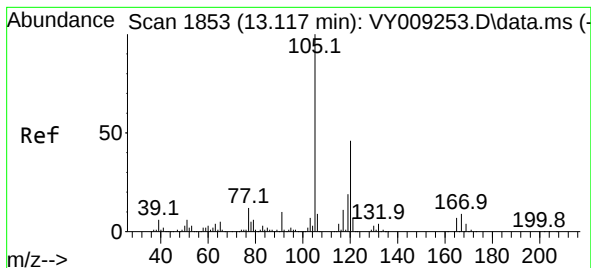
Tgt Ion: 91 Resp: 33273
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0



#83
tert-Butylbenzene
Concen: 5.025 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 119 Resp: 32420
Ion Ratio Lower Upper
119 100
91 63.8 34.8 104.4
134 27.1 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 5.099 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

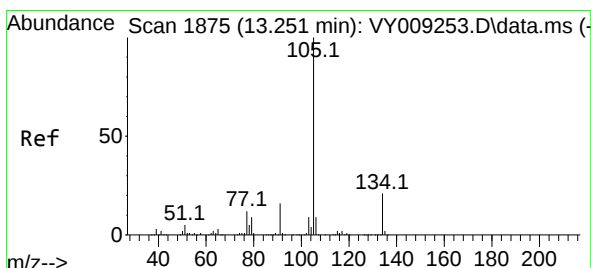
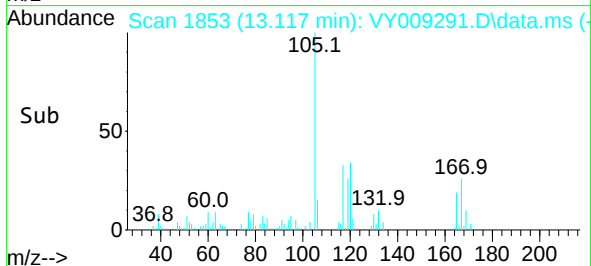
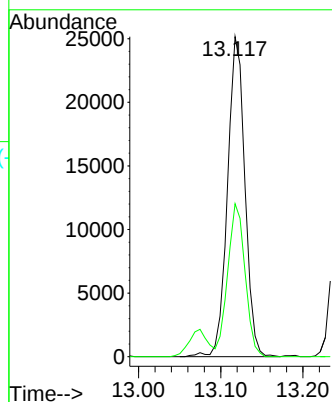
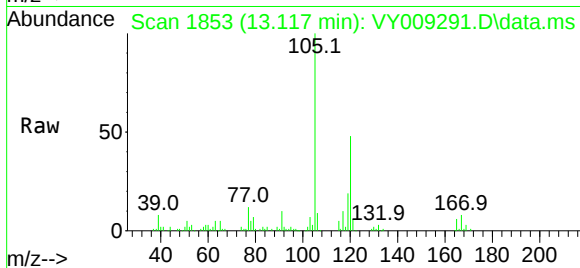
LOQ-SOIL-02-QT2-2022

Tgt Ion:105 Resp: 36964

Ion Ratio Lower Upper

105 100

120 47.6 22.3 66.9



#85

sec-Butylbenzene

Concen: 5.099 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY009291.D

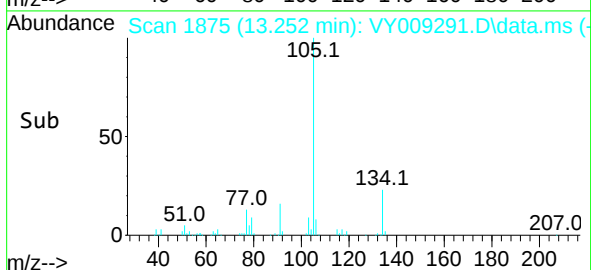
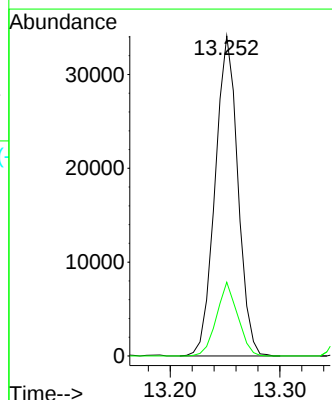
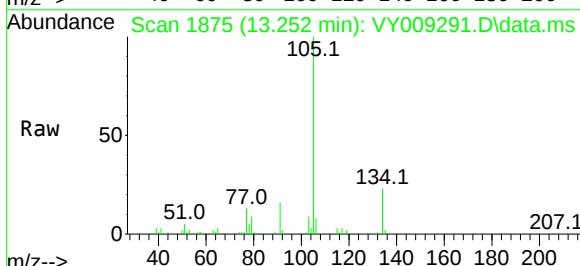
Acq: 23 Jun 2022 13:37

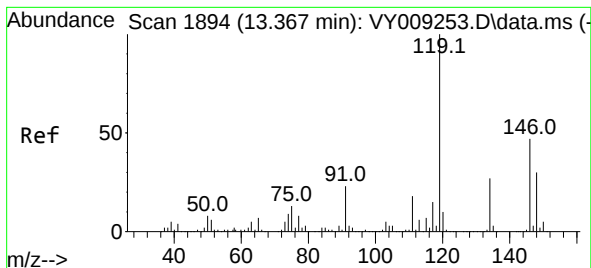
Tgt Ion:105 Resp: 49246

Ion Ratio Lower Upper

105 100

134 21.4 10.2 30.4





#86

p-Isopropyltoluene

Concen: 5.101 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

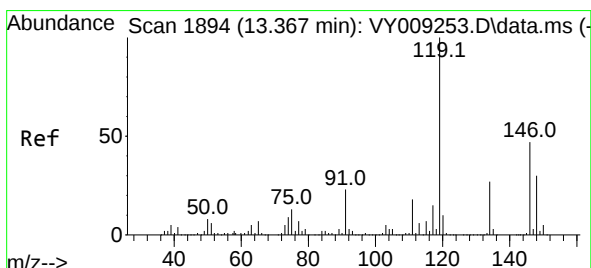
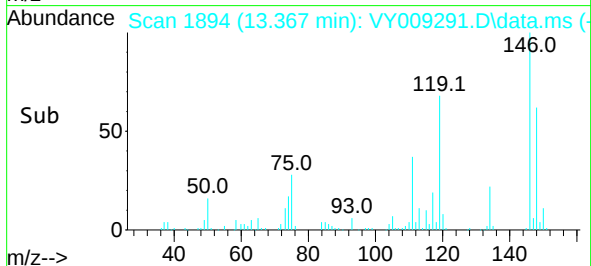
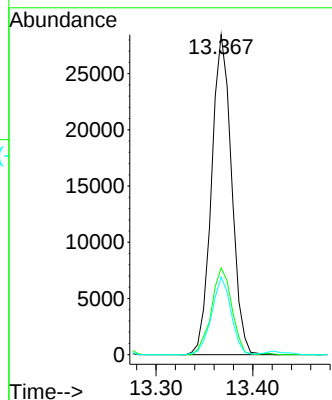
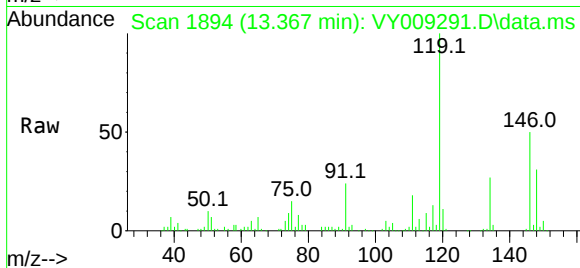
Tgt Ion:119 Resp: 40946

Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.5

91 23.6 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 5.289 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

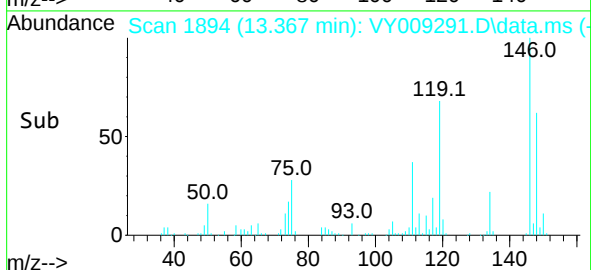
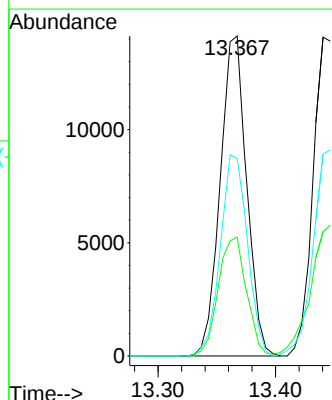
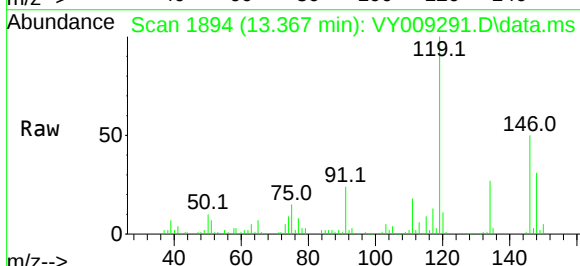
Tgt Ion:146 Resp: 22129

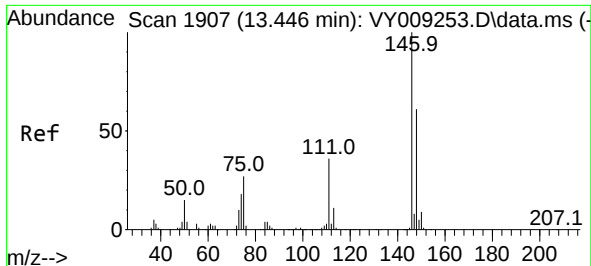
Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

148 64.3 31.6 95.0

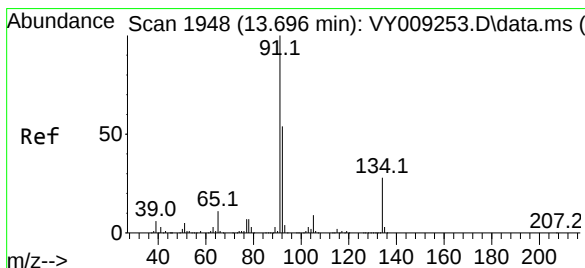
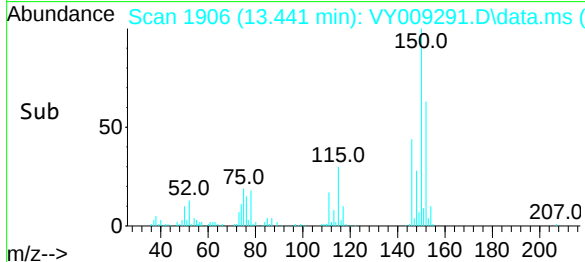
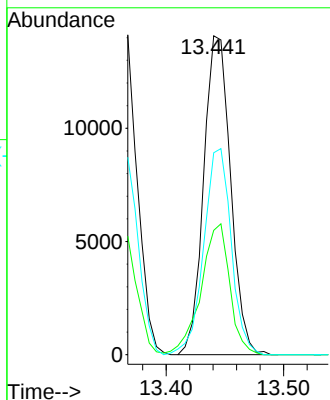
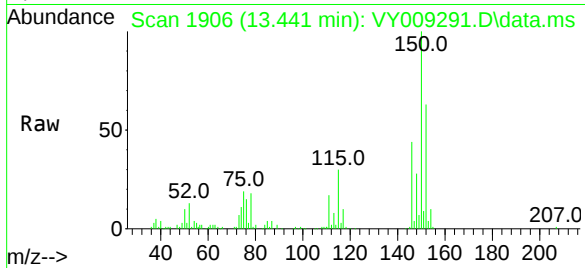




#88
1,4-Dichlorobenzene
Concen: 5.340 ug/l
RT: 13.441 min Scan# 1907
Delta R.T. -0.005 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

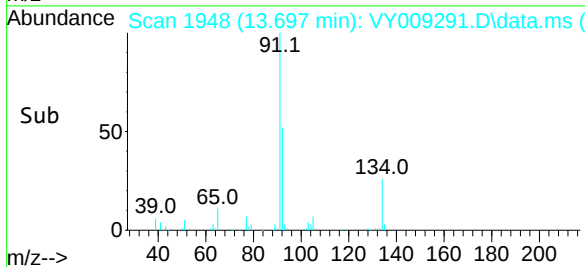
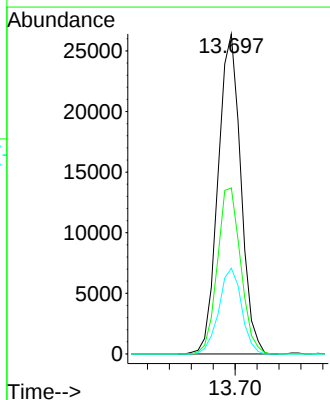
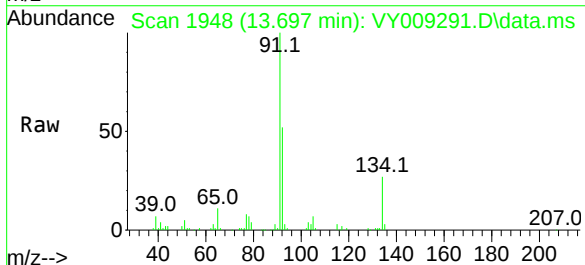
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

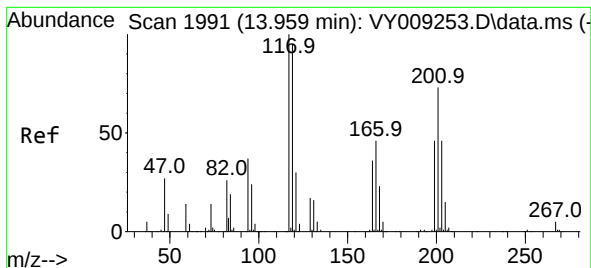
Tgt Ion:146	Resp:	22414
Ion Ratio	Lower	Upper
146	100	
111	43.8	19.3 57.8
148	66.1	32.6 97.8



#89
n-Butylbenzene
Concen: 5.092 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion: 91	Resp:	38059
Ion Ratio	Lower	Upper
91	100	
92	53.2	26.3 78.9
134	26.8	13.0 38.9





#90

Hexachloroethane

Concen: 5.180 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

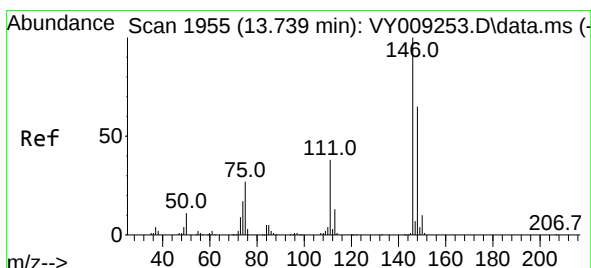
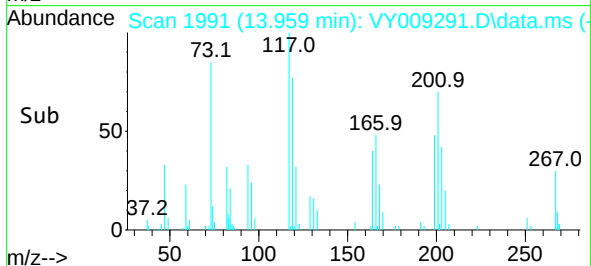
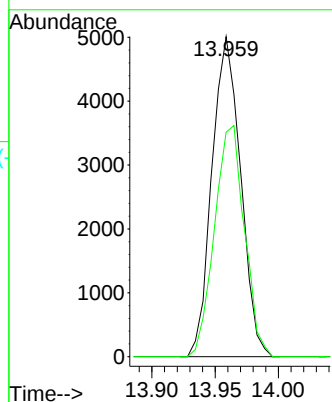
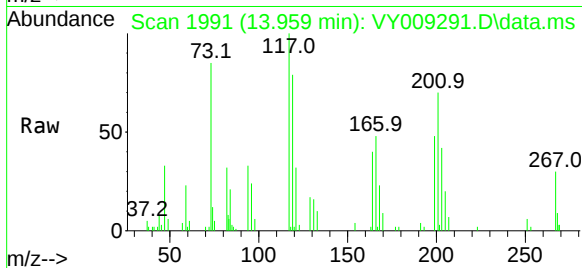
LOQ-SOIL-02-QT2-2022

Tgt Ion:117 Resp: 7887

Ion Ratio Lower Upper

117 100

201 75.4 43.0 128.8



#91

1,2-Dichlorobenzene

Concen: 5.205 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

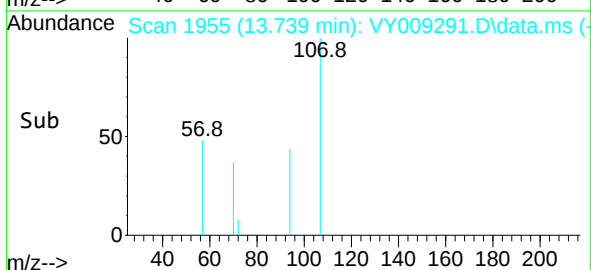
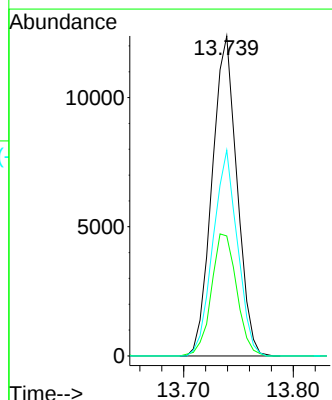
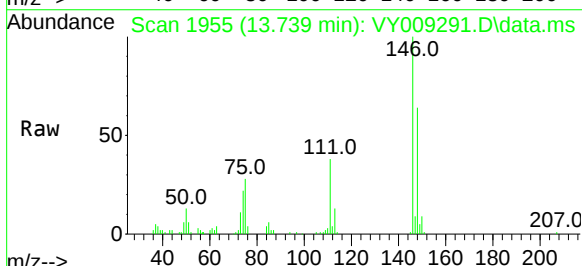
Tgt Ion:146 Resp: 19563

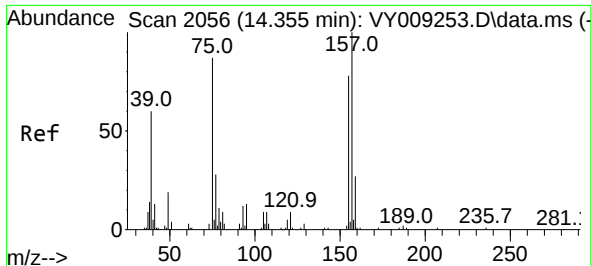
Ion Ratio Lower Upper

146 100

111 38.7 20.3 60.9

148 63.1 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.709 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009291.D

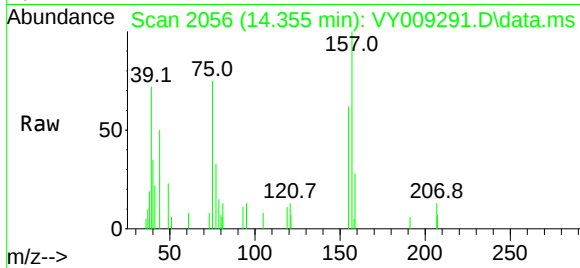
Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022



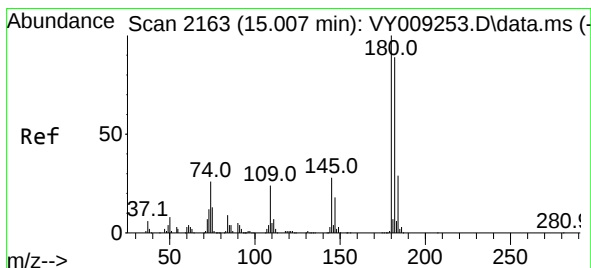
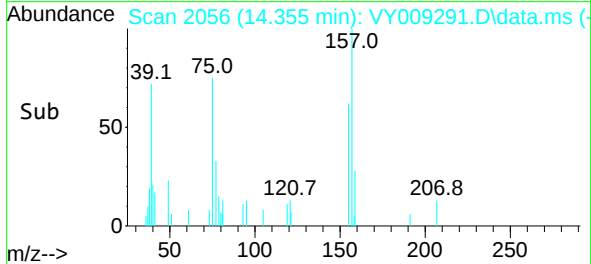
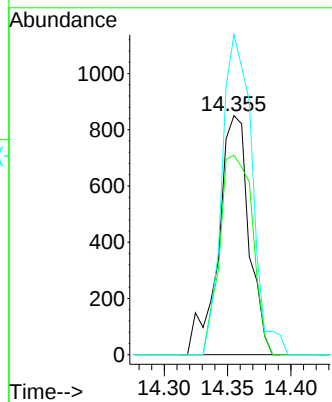
Tgt Ion: 75 Resp: 1422

Ion Ratio Lower Upper

75 100

155 89.9 38.0 113.9

157 131.9 47.8 143.3



#93

1,2,4-Trichlorobenzene

Concen: 4.660 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009291.D

Acq: 23 Jun 2022 13:37

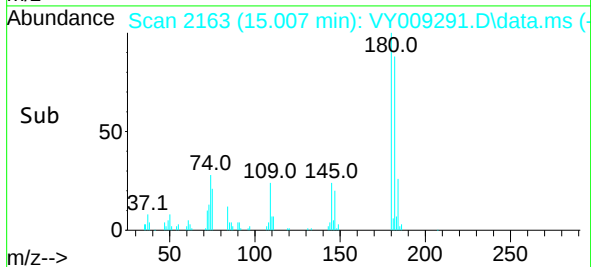
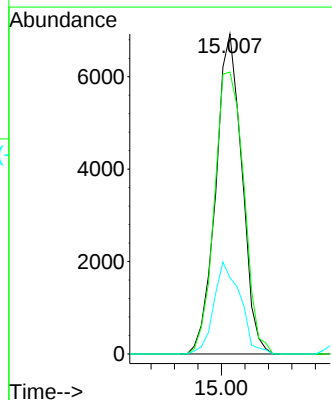
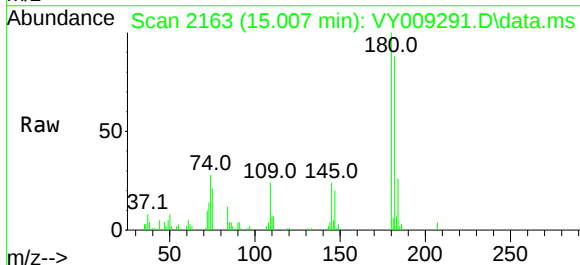
Tgt Ion: 180 Resp: 10717

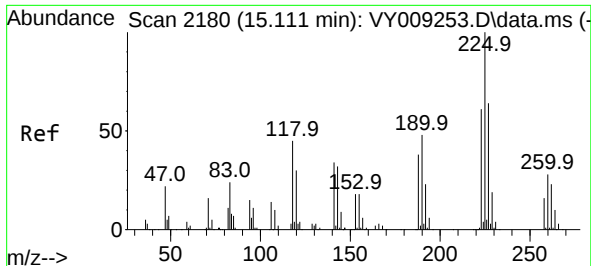
Ion Ratio Lower Upper

180 100

182 99.0 47.3 141.9

145 29.0 14.6 43.8

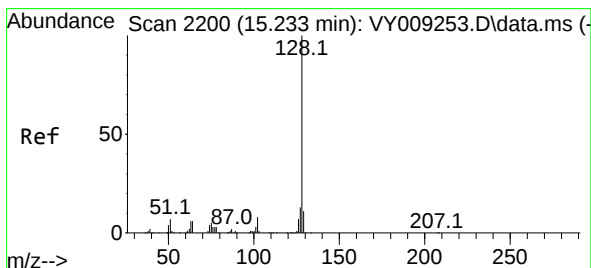
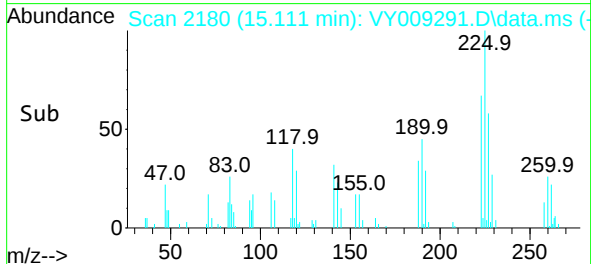
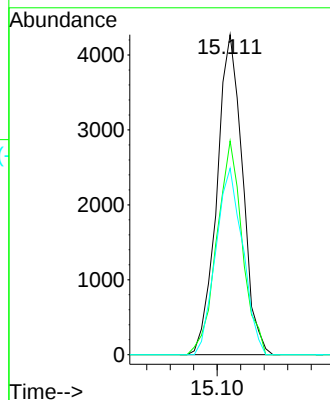
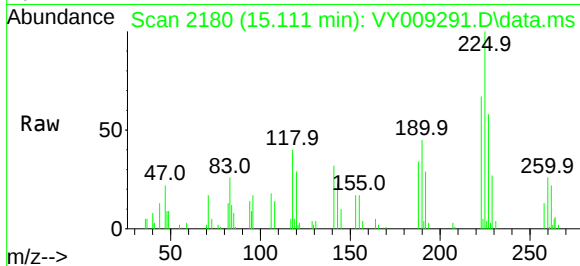




#94
Hexachlorobutadiene
Concen: 5.241 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

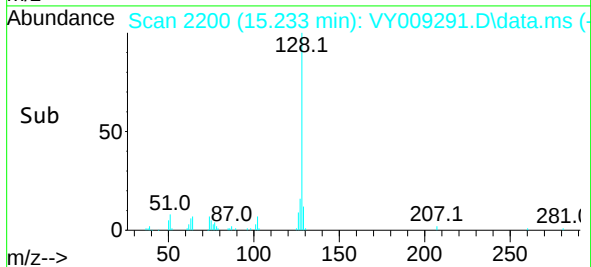
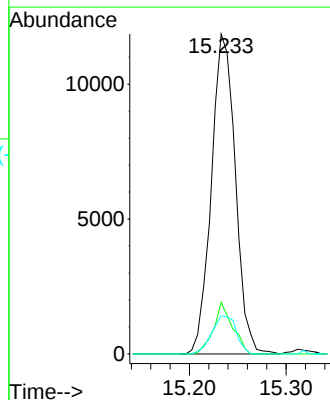
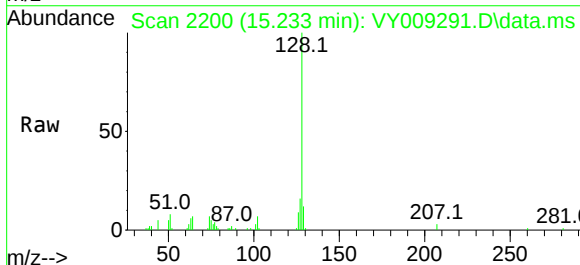
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

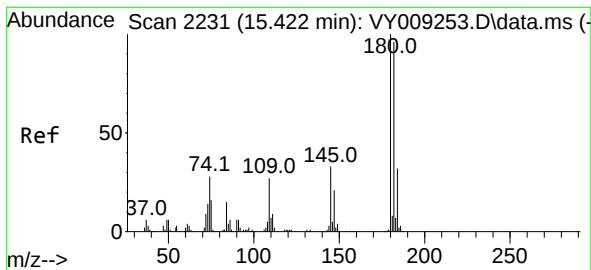
Tgt Ion:225	Resp:	6484
Ion Ratio	Lower	Upper
225	100	
223	66.4	30.8 92.3
227	61.3	31.6 94.7



#95
Naphthalene
Concen: 4.427 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009291.D
Acq: 23 Jun 2022 13:37

Tgt Ion:128	Resp:	20421
Ion Ratio	Lower	Upper
128	100	
127	12.9	11.0 16.4
129	12.1	8.4 12.6





#96

1,2,3-Trichlorobenzene

Concen: 4.800 ug/l

RT: 15.422 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009291.D

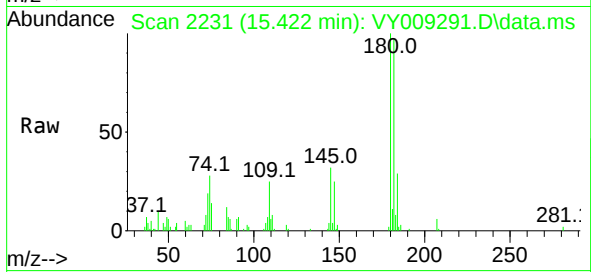
Acq: 23 Jun 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion:180 Resp: 9434

Ion Ratio Lower Upper

180 100

182 92.1 47.3 141.9

145 32.1 15.3 45.9

