

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020690.D
 Acq On : 22 Oct 2021 18:49
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Oct 23 06:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	94224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	137023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	126687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	68465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	49479	47.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.520%
35) Dibromofluoromethane	7.891	113	41204	45.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.960%
50) Toluene-d8	10.323	98	158279	46.211	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.615	95	57765	46.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	974	3.923	ug/l	98
3) Chloromethane	2.209	50	3098	4.969	ug/l	100
4) Vinyl Chloride	2.355	62	3673	4.593	ug/l	98
5) Bromomethane	2.763	94	2486	5.230	ug/l	96
6) Chloroethane	2.910	64	1587	4.466	ug/l #	88
7) Trichlorofluoromethane	3.245	101	2645	4.623	ug/l	97
8) Diethyl Ether	3.684	74	2102	4.605	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	4786	5.097	ug/l	99
10) Methyl Iodide	4.263	142	5383	4.618	ug/l	100
11) Tert butyl alcohol	5.196	59	1429	22.289	ug/l	100
12) 1,1-Dichloroethene	4.044	96	4179	4.766	ug/l	94
13) Acrolein	3.897	56	1485	25.874	ug/l	93
14) Allyl chloride	4.666	41	6507	4.596	ug/l	99
15) Acrylonitrile	5.367	53	5896	25.325	ug/l	92
16) Acetone	4.129	43	5233	20.454	ug/l	97
17) Carbon Disulfide	4.379	76	12298	4.826	ug/l	97
18) Methyl Acetate	4.678	43	4338	5.492	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	7209	4.793	ug/l	94
20) Methylene Chloride	4.909	84	13213	10.245	ug/l	98
21) trans-1,2-Dichloroethene	5.421	96	4756	4.857	ug/l	91
22) Diisopropyl ether	6.318	45	12294	4.438	ug/l	94
23) Vinyl Acetate	6.263	43	34475	21.249	ug/l	98
24) 1,1-Dichloroethane	6.214	63	8743	4.937	ug/l	98
25) 2-Butanone	7.177	43	7262	22.746	ug/l	94
26) 2,2-Dichloropropane	7.165	77	5437	4.691	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	4846	4.643	ug/l	98
28) Bromochloromethane	7.519	49	3945	5.388	ug/l #	93
29) Tetrahydrofuran	7.537	42	4552	23.304	ug/l	97
30) Chloroform	7.677	83	9309	5.039	ug/l	95
31) Cyclohexane	7.952	56	9656	5.435	ug/l #	77
32) 1,1,1-Trichloroethane	7.872	97	7655	4.900	ug/l	100
36) 1,1-Dichloropropene	8.080	75	7045	4.774	ug/l	99
37) Ethyl Acetate	7.263	43	3511	5.142	ug/l #	96
38) Carbon Tetrachloride	8.073	117	7155	4.890	ug/l	97
39) Methylcyclohexane	9.335	83	8214	4.774	ug/l	95
40) Benzene	8.323	78	23838	5.903	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020690.D
 Acq On : 22 Oct 2021 18:49
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Oct 23 06:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	1854	4.661	ug/l	96
42) 1,2-Dichloroethane	8.403	62	6680	5.138	ug/l	99
43) Isopropyl Acetate	8.427	43	5963	4.706	ug/l	98
44) Trichloroethene	9.098	130	5554	5.060	ug/l	83
45) 1,2-Dichloropropane	9.372	63	4864	5.024	ug/l	92
46) Dibromomethane	9.463	93	2689	4.944	ug/l	99
47) Bromodichloromethane	9.646	83	6477	4.832	ug/l	93
48) Methyl methacrylate	9.439	41	2752	4.514	ug/l	97
49) 1,4-Dioxane	9.463	88	685	94.771	ug/l #	78
51) 4-Methyl-2-Pentanone	10.213	43	16036	23.275	ug/l	98
52) Toluene	10.384	92	13000	5.124	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	6027	4.418	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	6959	4.503	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	3859	5.093	ug/l	97
56) Ethyl methacrylate	10.646	69	4386	4.503	ug/l	98
57) 1,3-Dichloropropane	10.933	76	6569	5.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	10642	24.238	ug/l	99
59) 2-Hexanone	10.969	43	10824	22.205	ug/l	97
60) Dibromochloromethane	11.128	129	4109	4.600	ug/l	99
61) 1,2-Dibromoethane	11.238	107	3593	4.901	ug/l	100
64) Tetrachloroethene	10.866	164	5281	5.369	ug/l	87
65) Chlorobenzene	11.658	112	13272	4.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	4515	4.567	ug/l	95
67) Ethyl Benzene	11.731	91	22660	4.589	ug/l	98
68) m/p-Xylenes	11.841	106	17116	8.965	ug/l	98
69) o-Xylene	12.164	106	7842	4.457	ug/l	98
70) Styrene	12.182	104	13246	4.395	ug/l	98
71) Bromoform	12.347	173	2596	4.479	ug/l #	95
73) Isopropylbenzene	12.463	105	22121	4.485	ug/l	99
74) N-amyl acetate	12.274	43	5017	4.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	4565	4.941	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	6054	7.981	ug/l #	100
77) Bromobenzene	12.743	156	5871	4.963	ug/l	97
78) n-propylbenzene	12.804	91	27745	4.581	ug/l	100
79) 2-Chlorotoluene	12.890	91	16159	4.638	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	18999	4.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	1365	4.623	ug/l	96
82) 4-Chlorotoluene	12.987	91	17016	4.643	ug/l	98
83) tert-Butylbenzene	13.207	119	16906	4.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	19230	4.557	ug/l	98
85) sec-Butylbenzene	13.383	105	25475	4.617	ug/l	99
86) p-Isopropyltoluene	13.493	119	21193	4.515	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	11832	4.860	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	11535	4.745	ug/l	92
89) n-Butylbenzene	13.822	91	20003	4.595	ug/l	96
90) Hexachloroethane	14.091	117	3905	4.766	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	10729	4.963	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	840	5.037	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	7070	4.930	ug/l	92
94) Hexachlorobutadiene	15.231	225	4870	5.244	ug/l	97
95) Naphthalene	15.365	128	11275	4.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	6220	4.790	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
Data File : VW020690.D
Acq On : 22 Oct 2021 18:49
Operator : SY/VA
Sample : M4068-02 5PPBL0Q
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Quant Time: Oct 23 06:15:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:13:41 2021
Response via : Initial Calibration

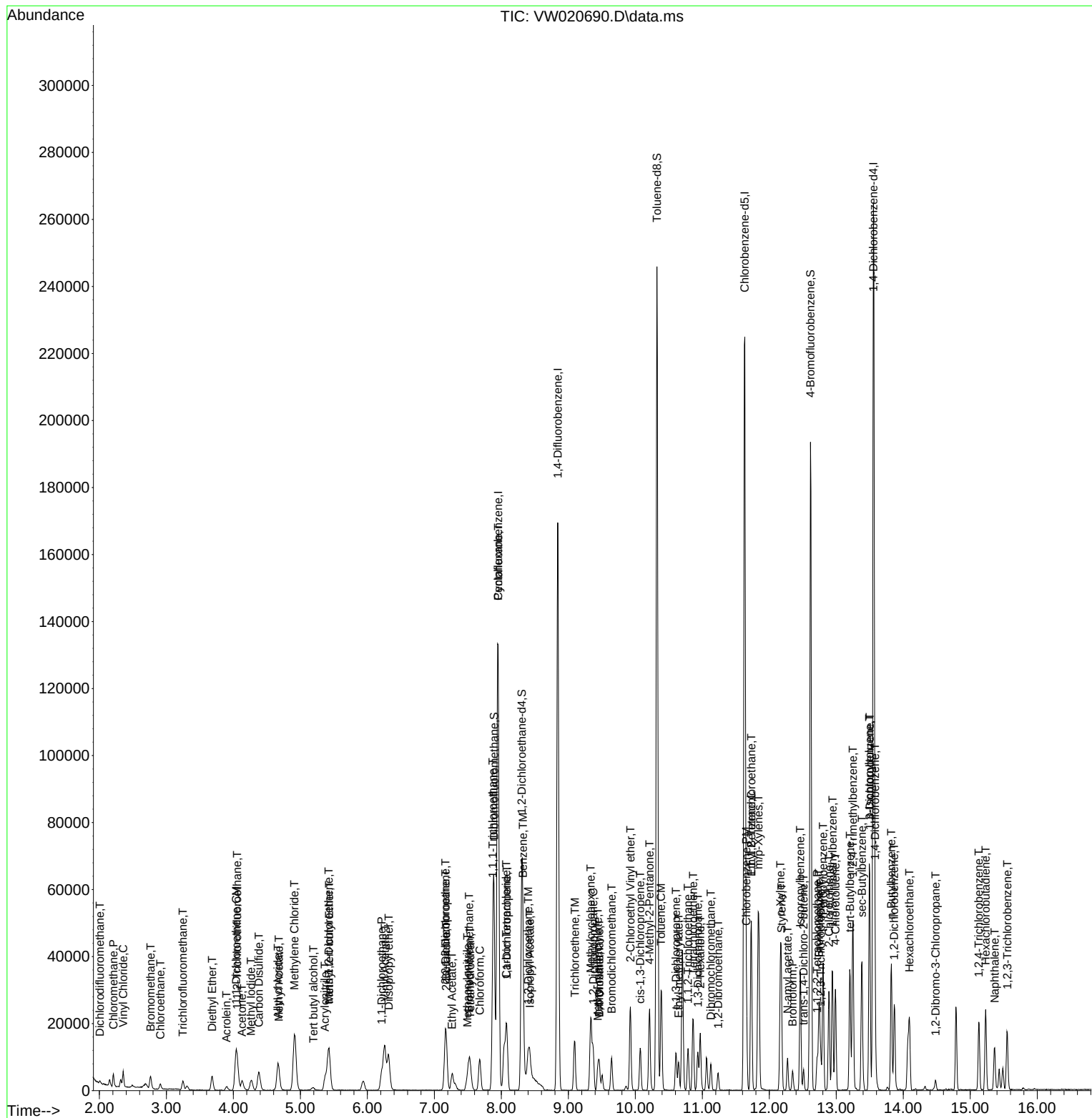
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

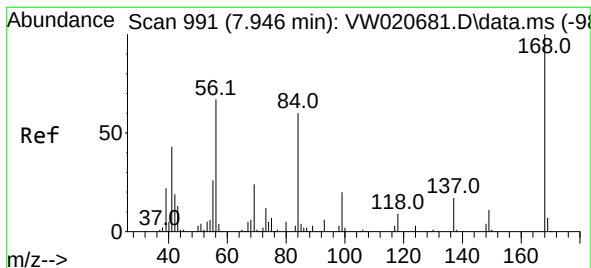
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020690.D
 Acq On : 22 Oct 2021 18:49
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Oct 23 06:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.952 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW020690.D

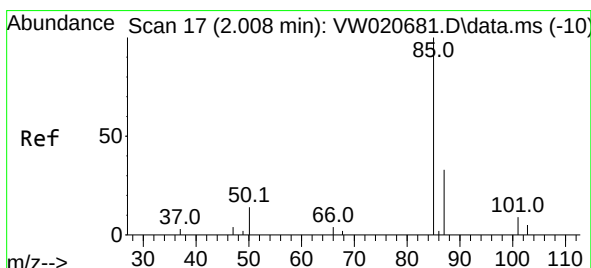
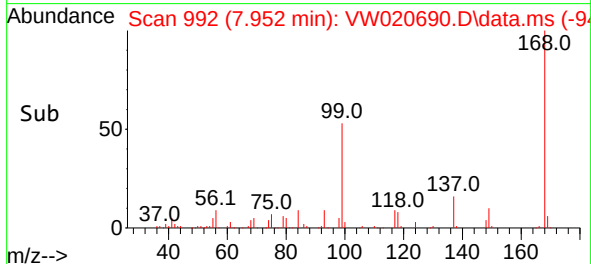
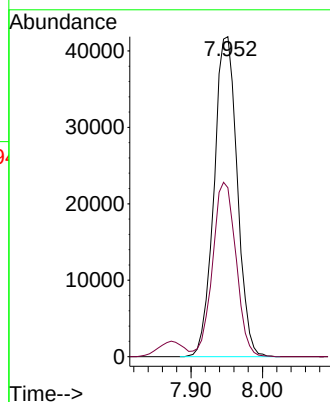
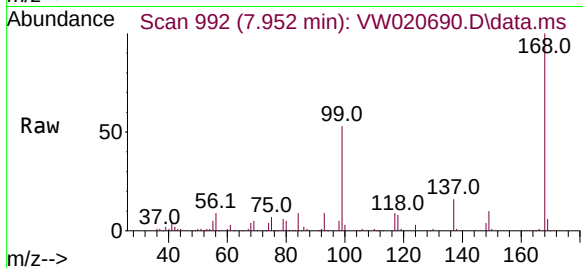
Acq: 22 Oct 2021 18:49

Tgt Ion:168 Resp: 94224

Ion Ratio Lower Upper

168 100

99 52.8 45.4 68.0



#2

Dichlorodifluoromethane

Concen: 3.923 ug/l

RT: 2.007 min Scan# 17

Delta R.T. -0.001 min

Lab File: VW020690.D

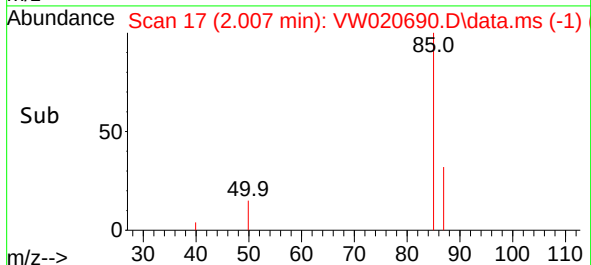
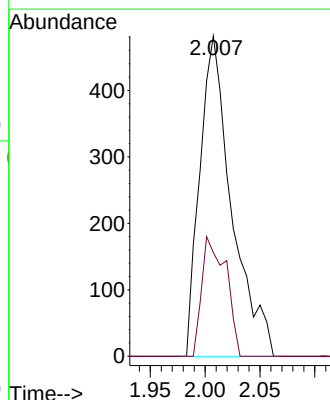
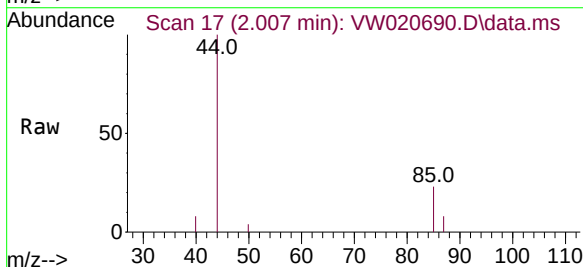
Acq: 22 Oct 2021 18:49

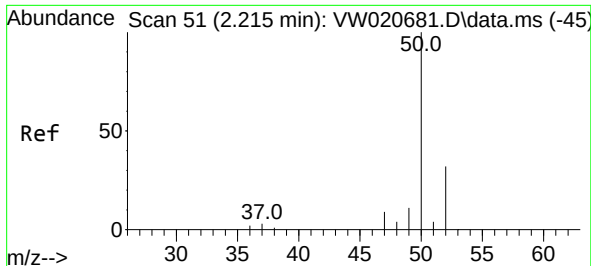
Tgt Ion: 85 Resp: 974

Ion Ratio Lower Upper

85 100

87 32.4 16.7 50.0

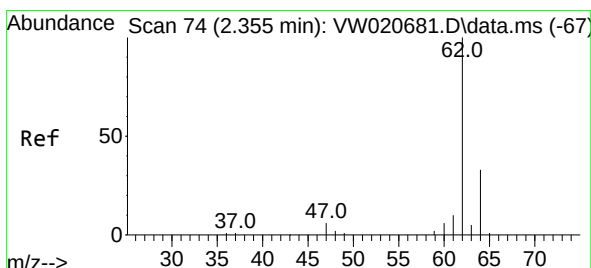
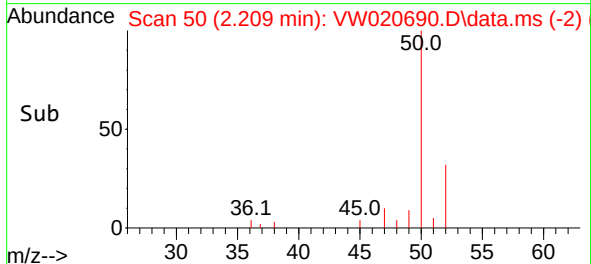
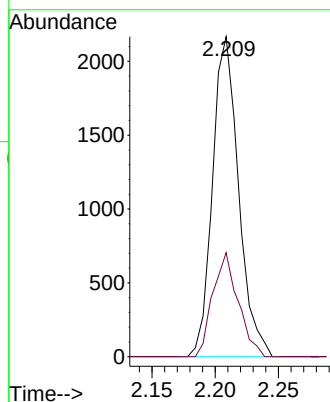
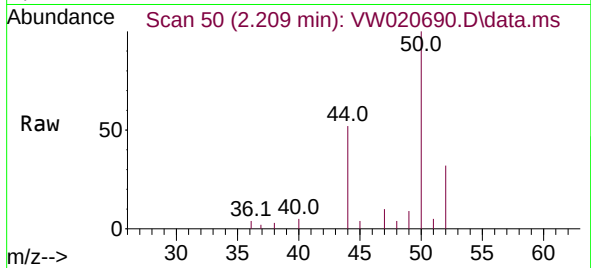




#3
Chloromethane
Concen: 4.969 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

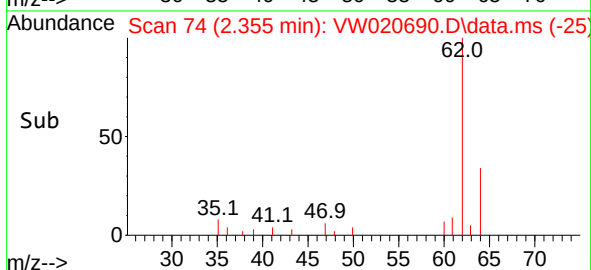
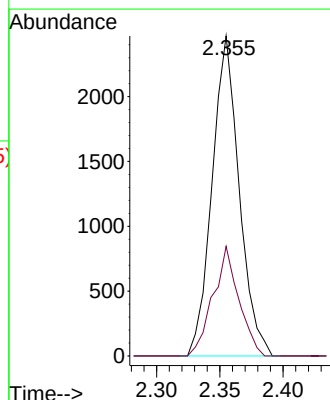
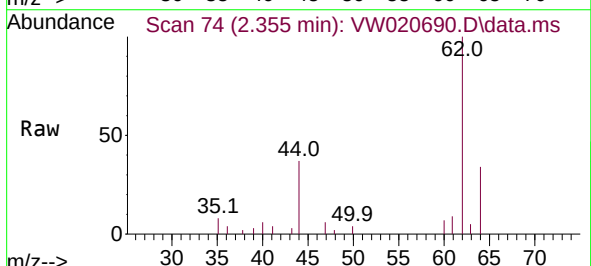
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

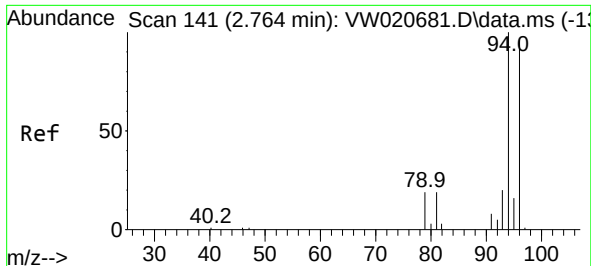
Tgt Ion: 50 Resp: 3098
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 4.593 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 62 Resp: 3673
Ion Ratio Lower Upper
62 100
64 34.2 26.6 40.0

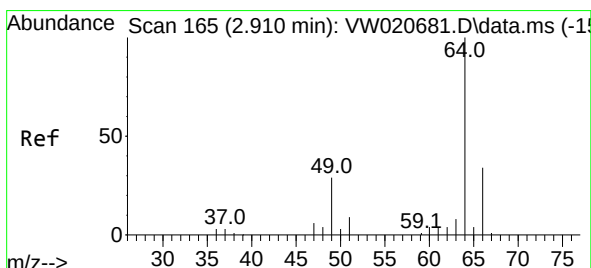
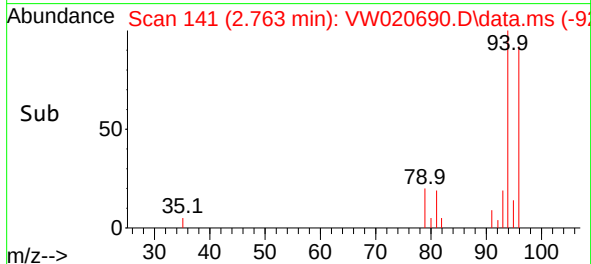
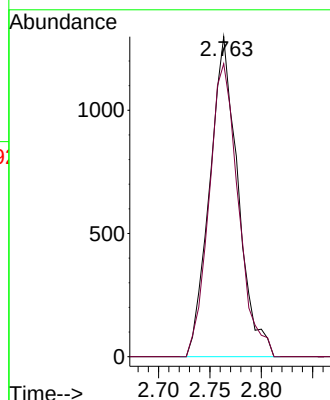
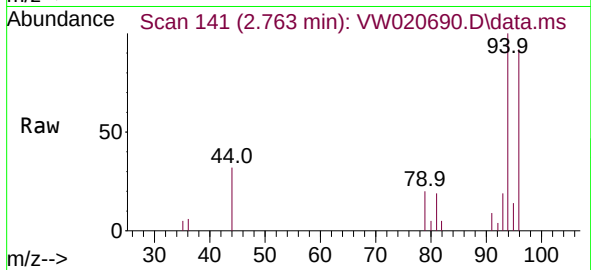




#5
Bromomethane
Concen: 5.230 ug/l
RT: 2.763 min Scan# 141
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

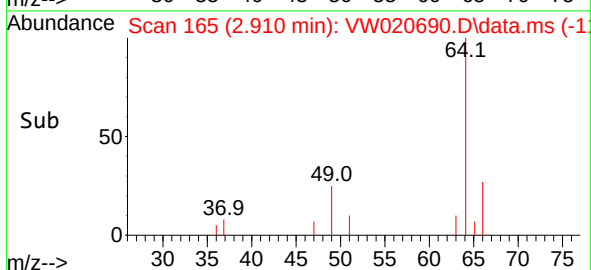
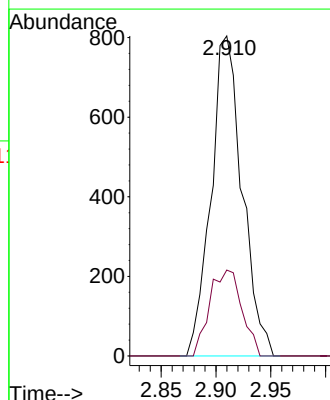
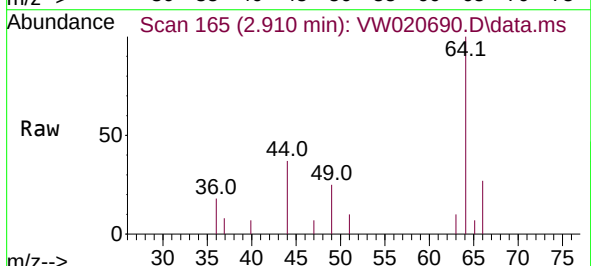
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

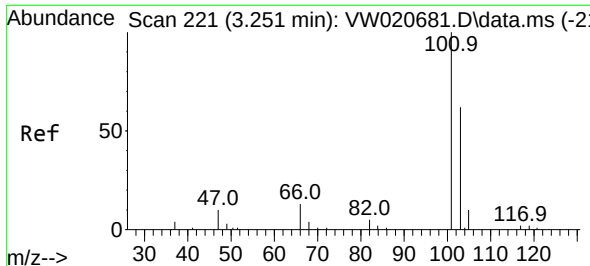
Tgt Ion: 94 Resp: 2486
Ion Ratio Lower Upper
94 100
96 91.5 76.7 115.1



#6
Chloroethane
Concen: 4.466 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 64 Resp: 1587
Ion Ratio Lower Upper
64 100
66 26.9 27.0 40.4#

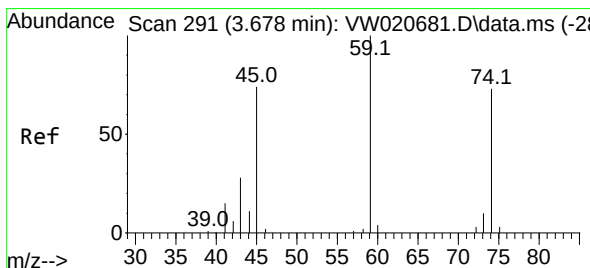
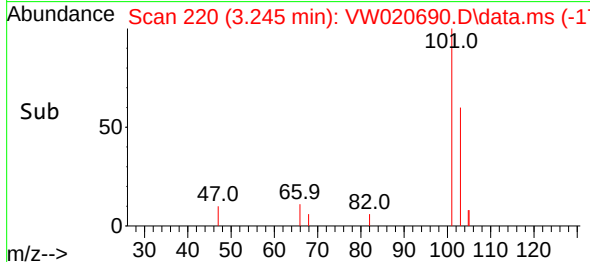
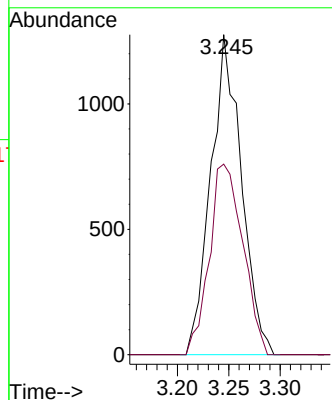
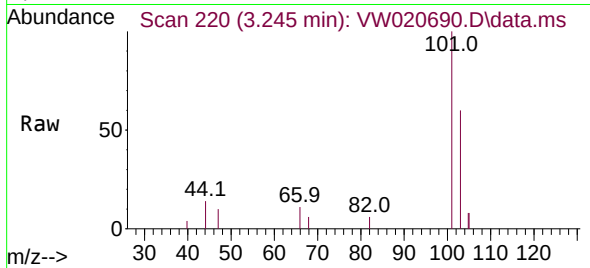




#7
Trichlorofluoromethane
Concen: 4.623 ug/l
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

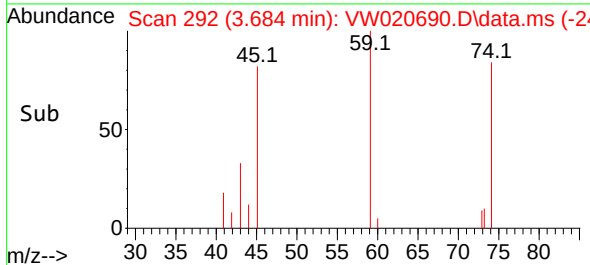
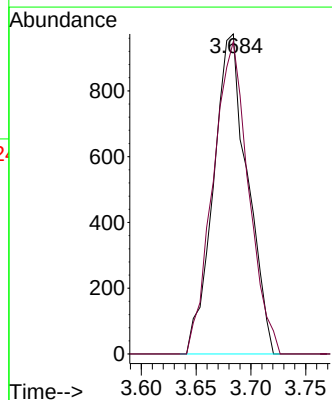
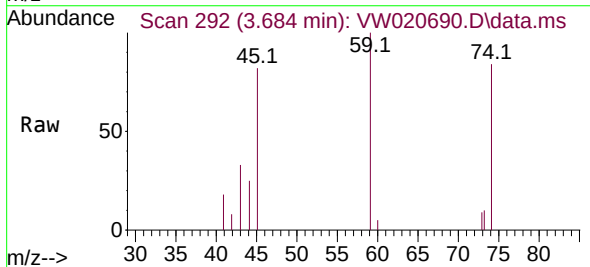
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

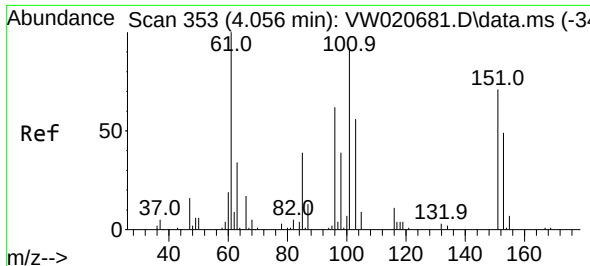
Tgt Ion:101 Resp: 2645
Ion Ratio Lower Upper
101 100
103 59.6 49.4 74.0



#8
Diethyl Ether
Concen: 4.605 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 74 Resp: 2102
Ion Ratio Lower Upper
74 100
45 101.7 50.0 150.1

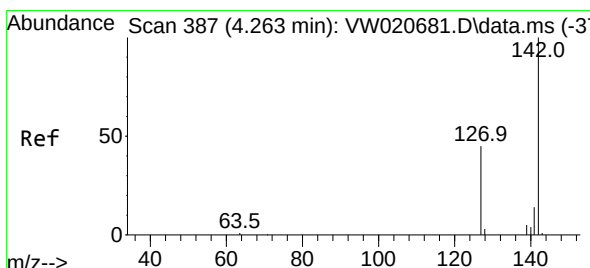
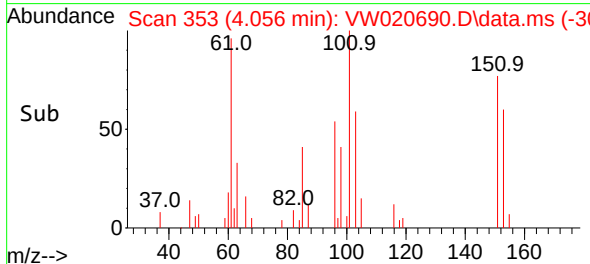
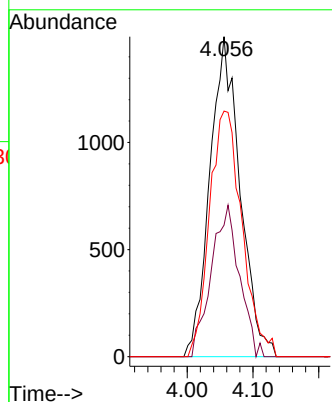
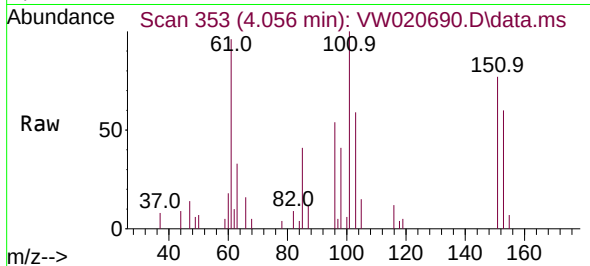




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.097 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

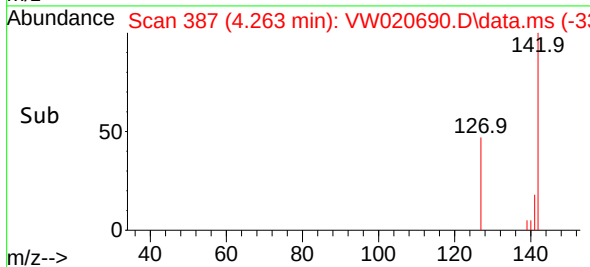
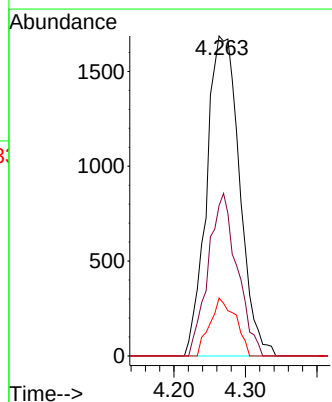
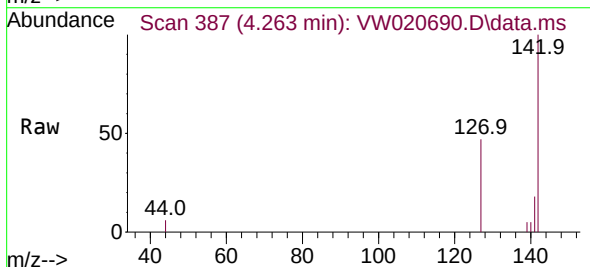
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

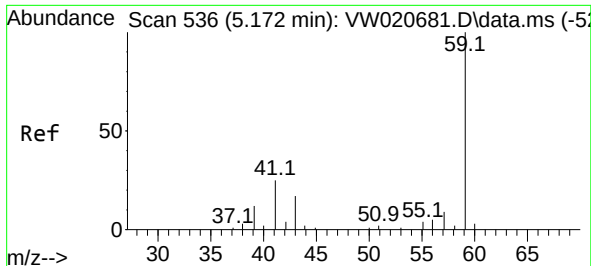
Tgt Ion:	101	Resp:	4786
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.9	52.3
151	82.2	64.5	96.7



#10
Methyl Iodide
Concen: 4.618 ug/l
RT: 4.263 min Scan# 387
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

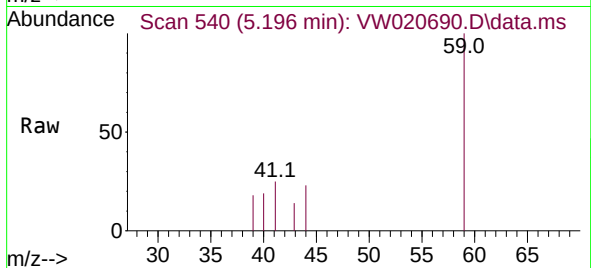
Tgt Ion:	142	Resp:	5383
Ion	Ratio	Lower	Upper
142	100		
127	44.8	35.8	53.6
141	14.1	11.8	17.6



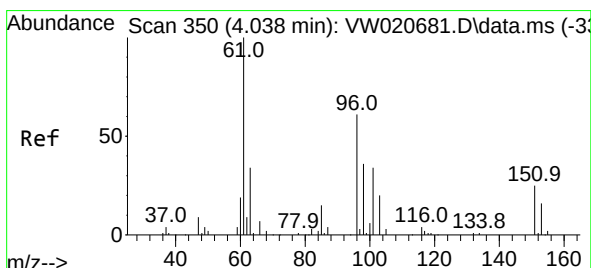
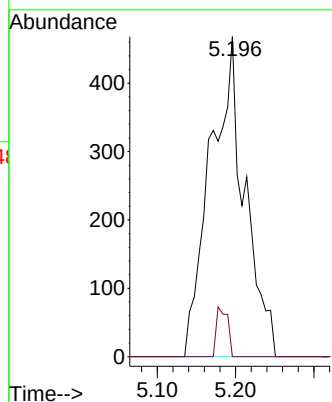
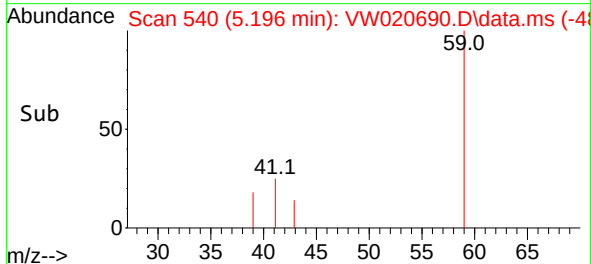


#11
Tert butyl alcohol
Concen: 22.289 ug/l
RT: 5.196 min Scan# 540
Delta R.T. 0.024 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

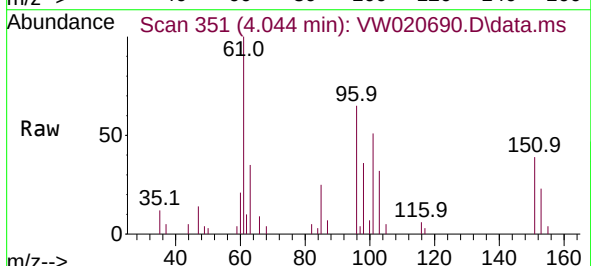
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



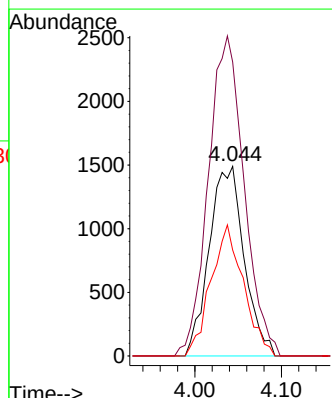
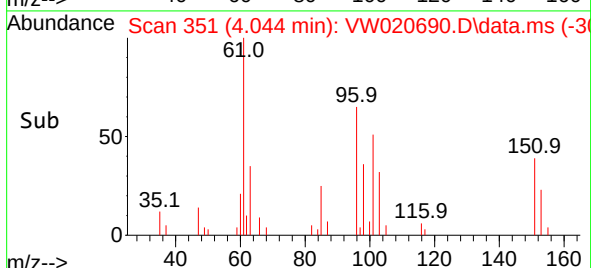
Tgt Ion: 59 Resp: 1429
Ion Ratio Lower Upper
59 100
57 5.0 4.2 6.2

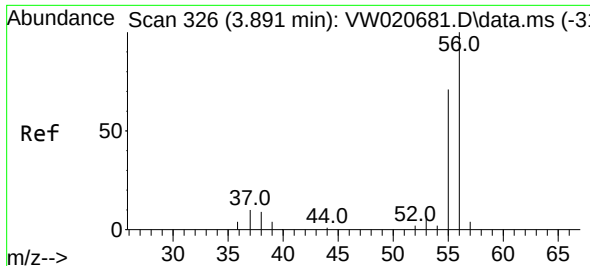


#12
1,1-Dichloroethene
Concen: 4.766 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49



Tgt Ion: 96 Resp: 4179
Ion Ratio Lower Upper
96 100
61 155.0 131.0 196.6
98 55.8 47.8 71.6

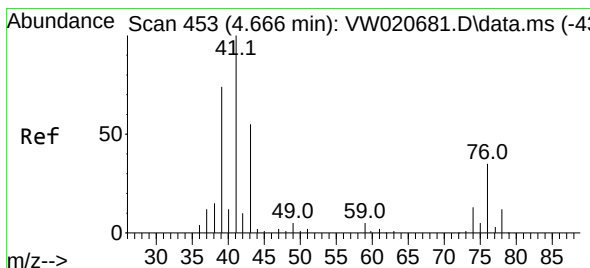
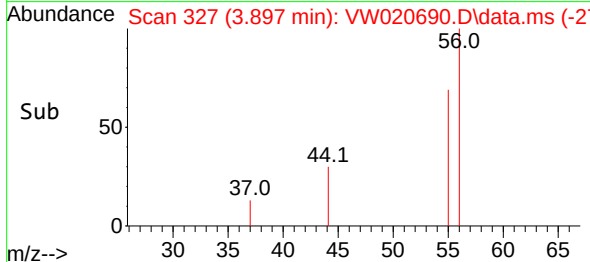
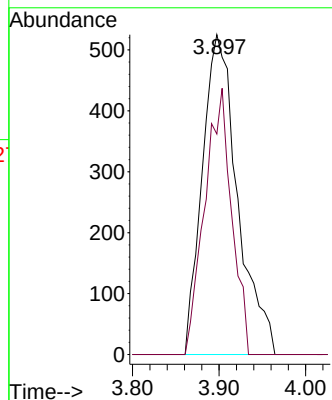
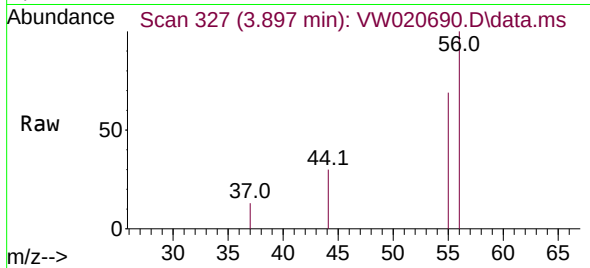




#13
Acrolein
Concen: 25.874 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

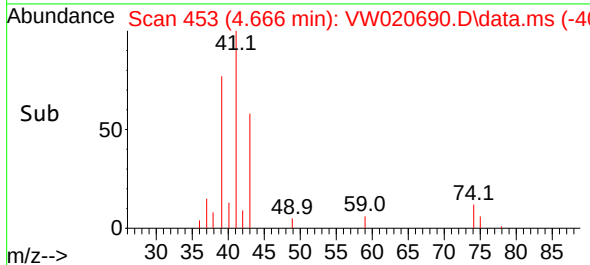
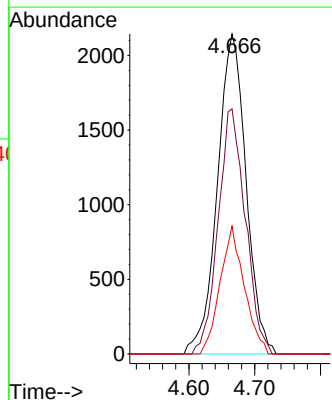
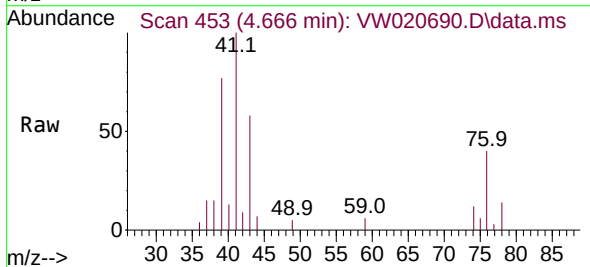
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

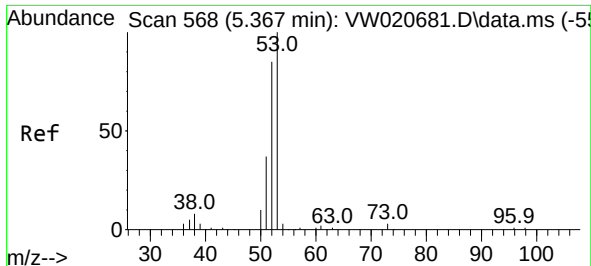
Tgt Ion: 56 Resp: 1485
Ion Ratio Lower Upper
56 100
55 63.4 55.5 83.3



#14
Allyl chloride
Concen: 4.596 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 41 Resp: 6507
Ion Ratio Lower Upper
41 100
39 72.6 57.1 85.7
76 33.9 27.1 40.7

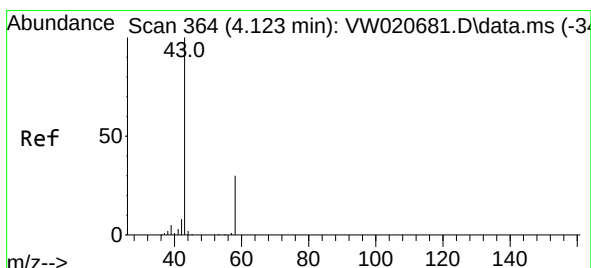
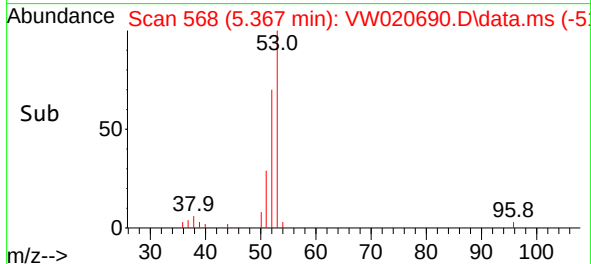
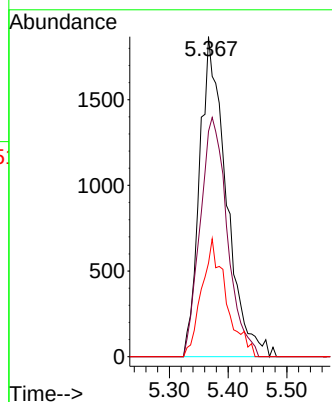
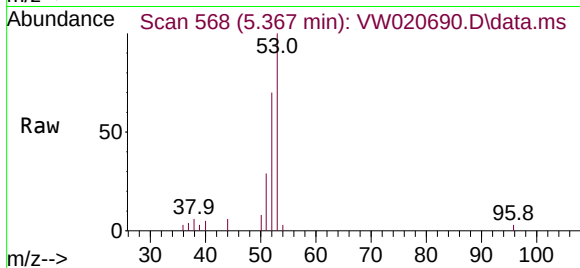




#15
Acrylonitrile
Concen: 25.325 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

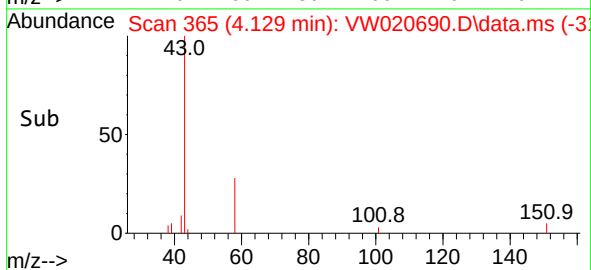
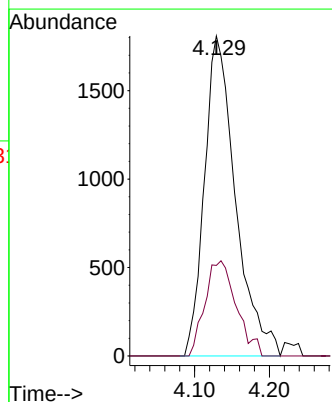
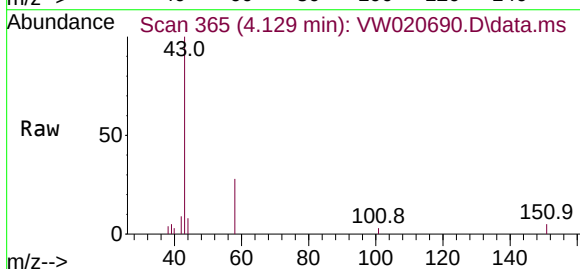
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

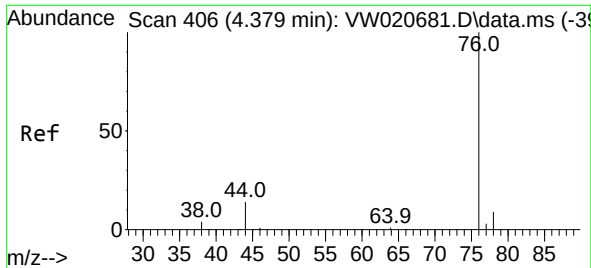
Tgt Ion:	53	Resp:	5896
Ion	Ratio	Lower	Upper
53	100		
52	75.9	66.8	100.2
51	34.0	30.1	45.1



#16
Acetone
Concen: 20.454 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	43	Resp:	5233
Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.2	36.2

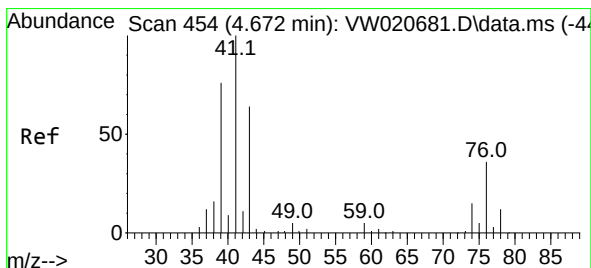
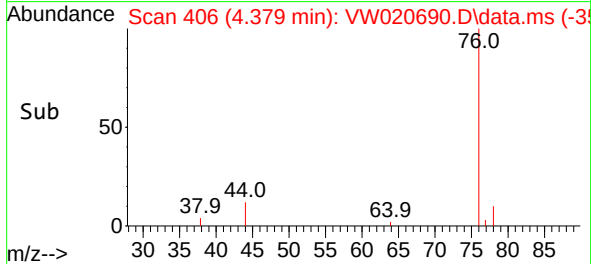
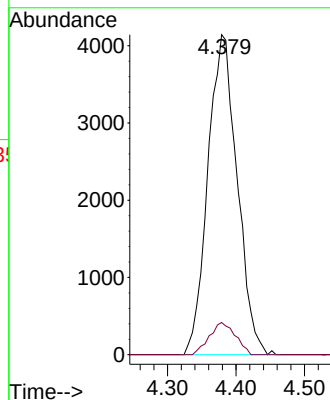
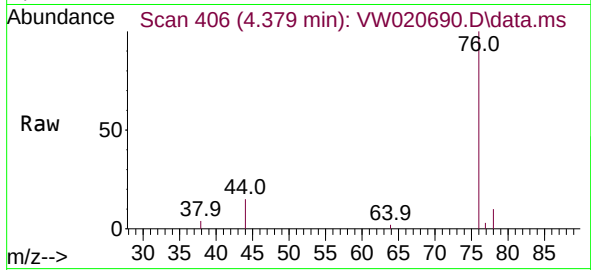




#17
Carbon Disulfide
Concen: 4.826 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

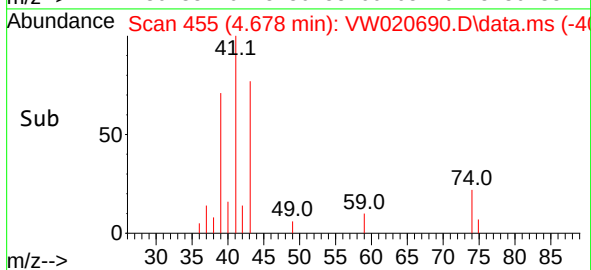
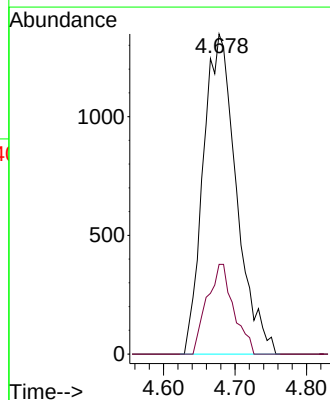
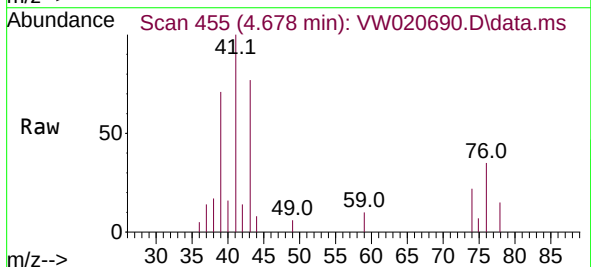
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

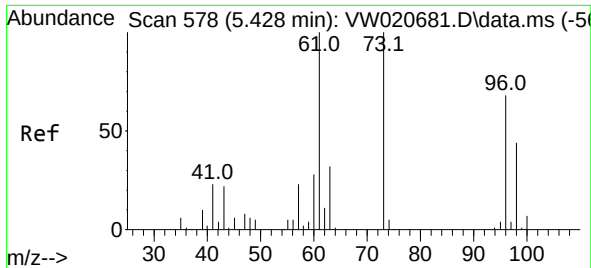
Tgt Ion: 76 Resp: 12298
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 5.492 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 43 Resp: 4338
Ion Ratio Lower Upper
43 100
74 22.4 18.7 28.1

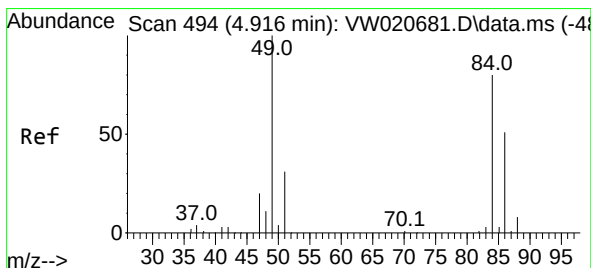
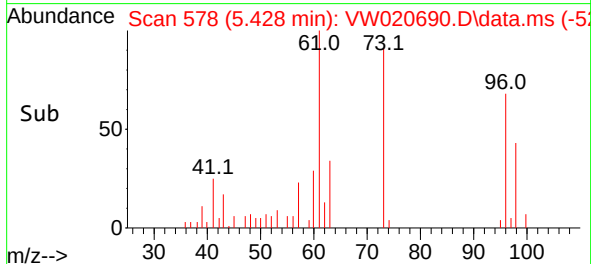
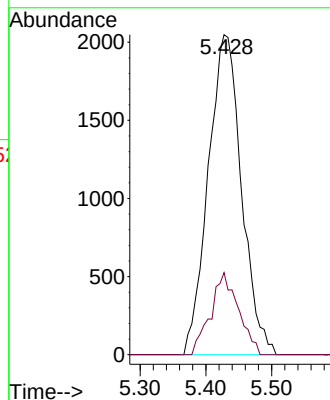
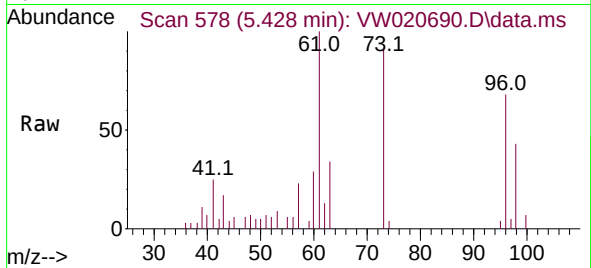




#19
Methyl tert-butyl Ether
Concen: 4.793 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

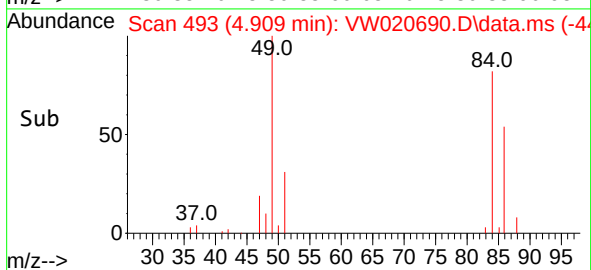
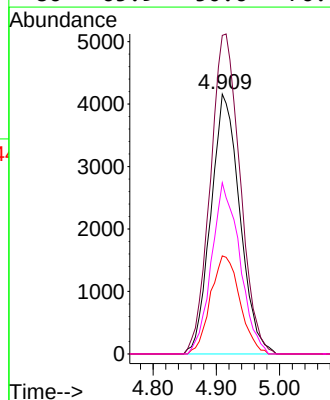
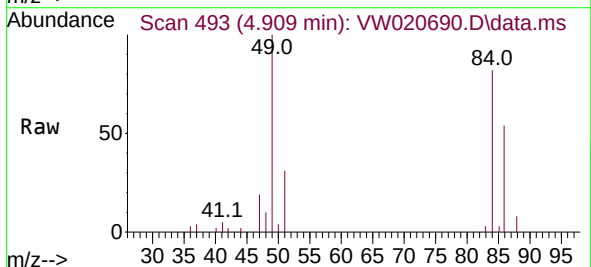
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

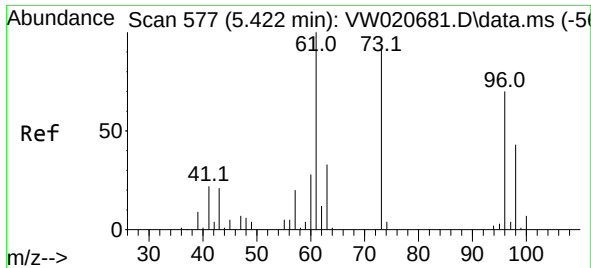
Tgt Ion: 73 Resp: 7209
Ion Ratio Lower Upper
73 100
57 25.7 18.2 27.4



#20
Methylene Chloride
Concen: 10.245 ug/l
RT: 4.909 min Scan# 493
Delta R.T. -0.007 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 84 Resp: 13213
Ion Ratio Lower Upper
84 100
49 122.6 100.0 150.0
51 37.7 30.8 46.2
86 65.9 50.6 76.0

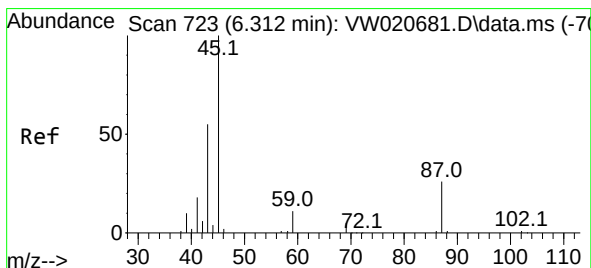
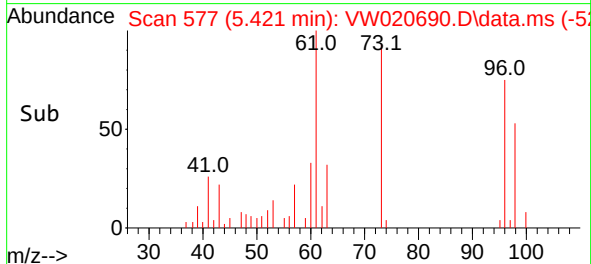
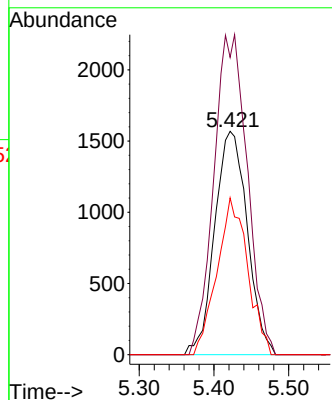
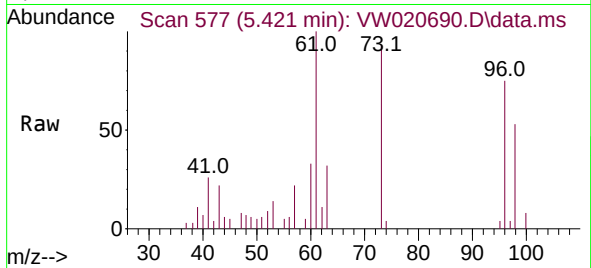




#21
trans-1,2-Dichloroethene
Concen: 4.857 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

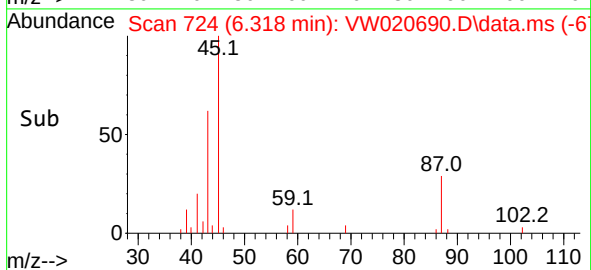
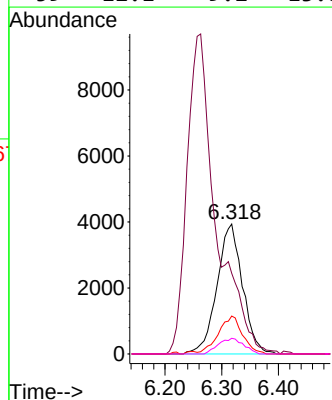
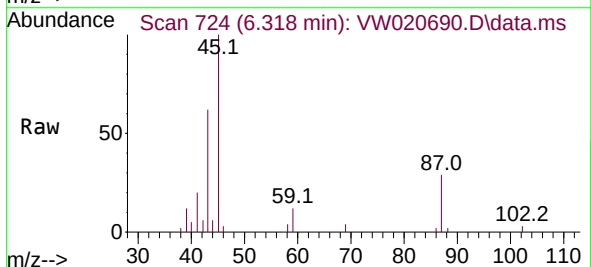
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

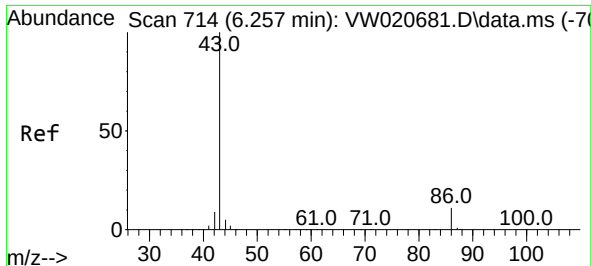
Tgt Ion:	96	Resp:	4756
Ion	Ratio	Lower	Upper
96	100		
61	133.2	113.5	170.3
98	70.2	48.6	72.8



#22
Diisopropyl ether
Concen: 4.438 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	45	Resp:	12294
Ion	Ratio	Lower	Upper
45	100		
43	62.0	45.1	67.7
87	29.1	21.2	31.8
59	12.1	9.2	13.8

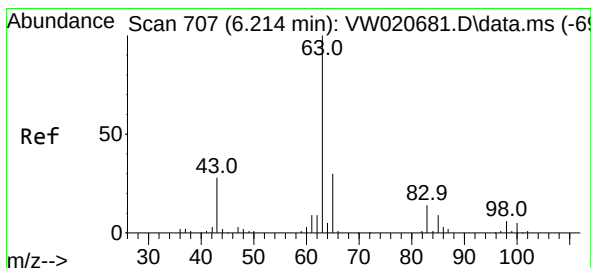
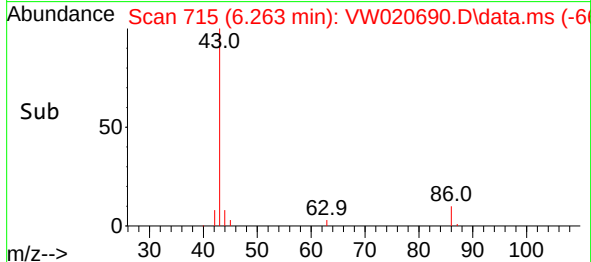
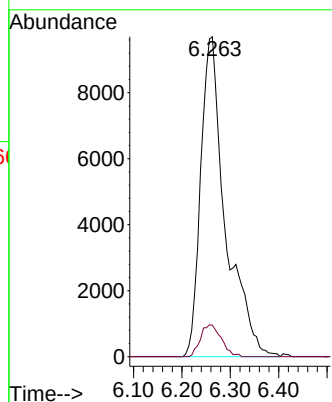
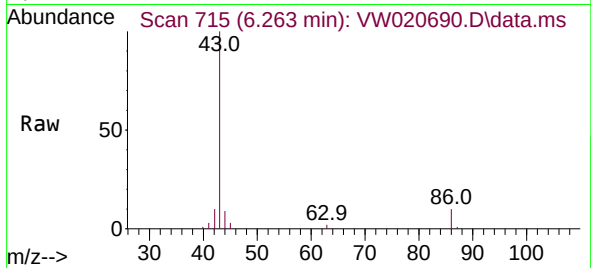




#23
 Vinyl Acetate
 Concen: 21.249 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

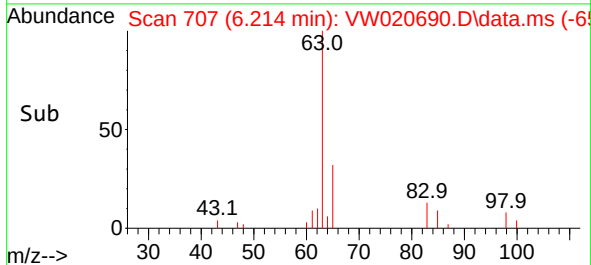
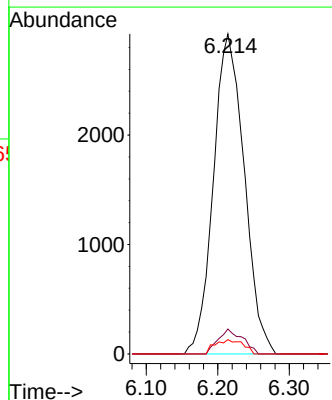
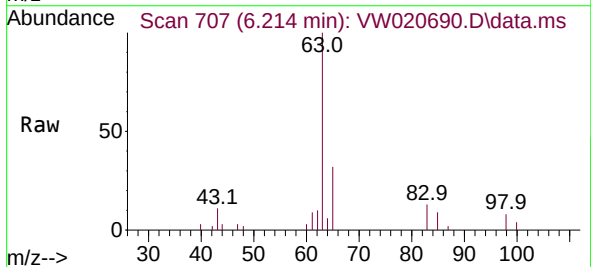
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

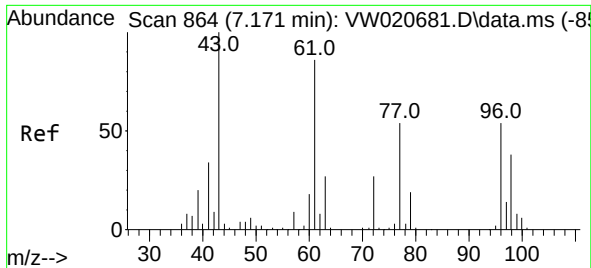
Tgt Ion: 43 Resp: 34475
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 4.937 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

Tgt Ion: 63 Resp: 8743
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.2 9.6
 100 4.5 2.3 6.8

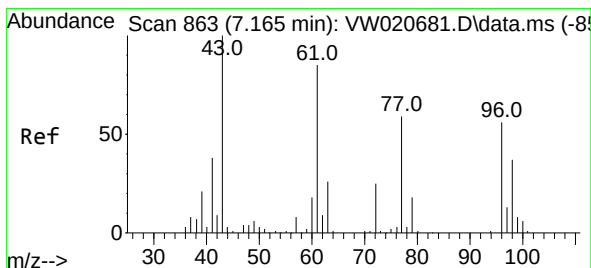
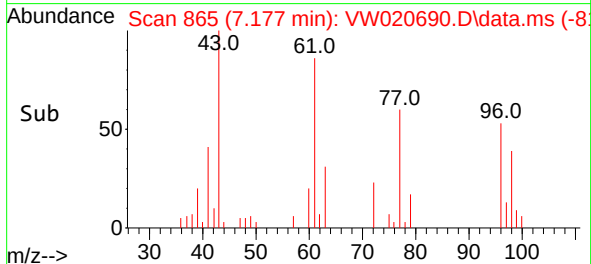
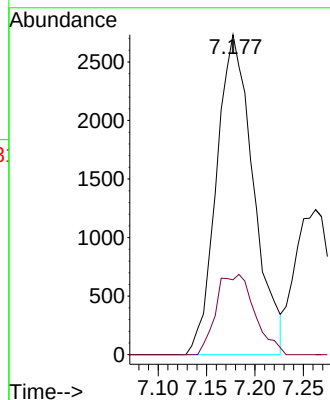
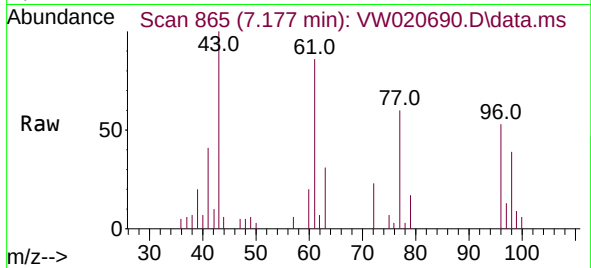




#25
2-Butanone
Concen: 22.746 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

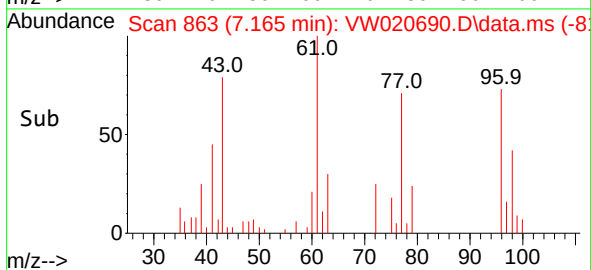
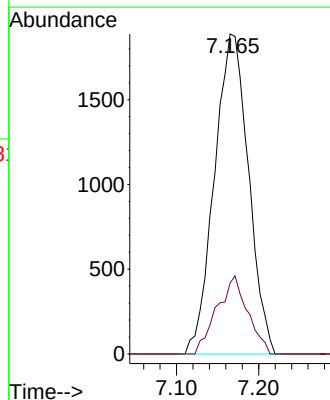
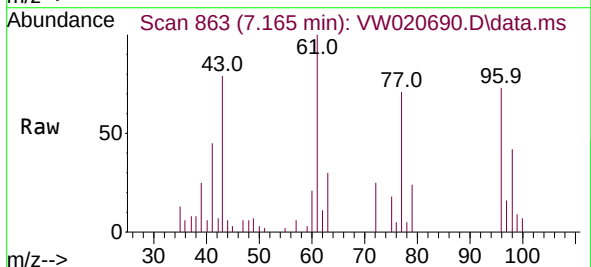
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

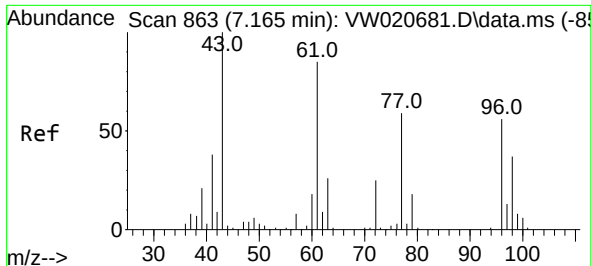
Tgt Ion: 43 Resp: 7262
Ion Ratio Lower Upper
43 100
72 23.4 21.4 32.0



#26
2,2-Dichloropropane
Concen: 4.691 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 77 Resp: 5437
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.643 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion: 96 Resp: 4846

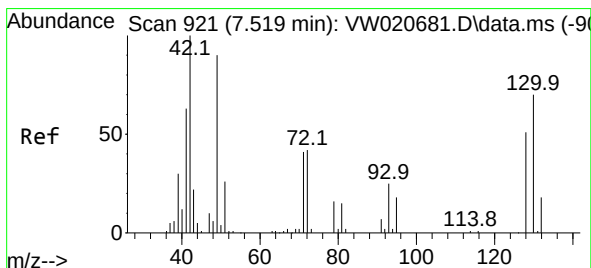
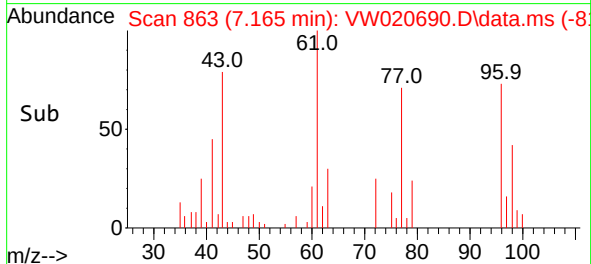
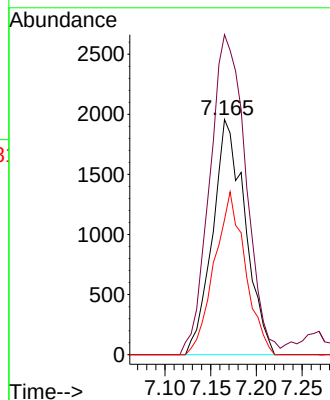
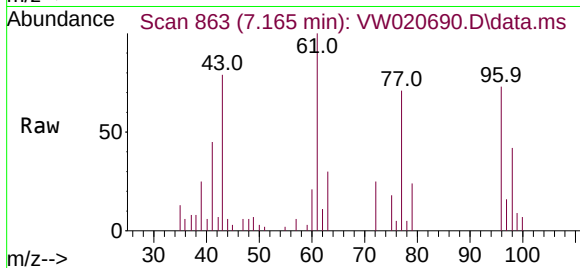
Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	298.0
98	65.8	0.0	129.4

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021



#28

Bromochloromethane

Concen: 5.388 ug/l

RT: 7.519 min Scan# 921

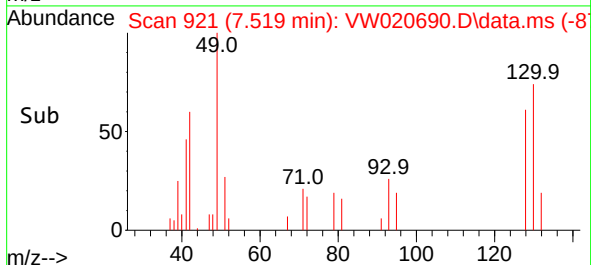
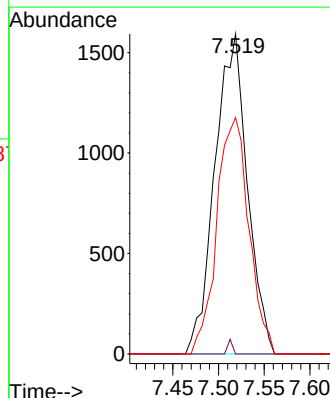
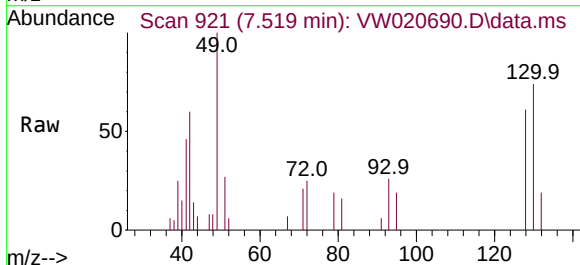
Delta R.T. -0.000 min

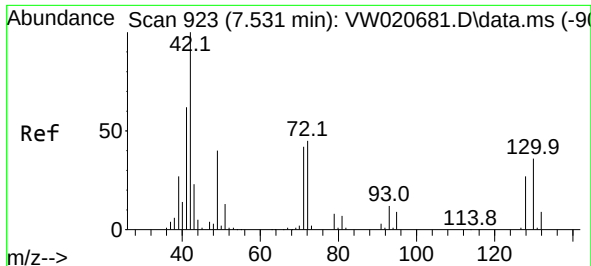
Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion: 49 Resp: 3945

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	0.0#
130	72.7	63.0	94.6





#29

Tetrahydrofuran

Concen: 23.304 ug/l

RT: 7.537 min Scan# 924

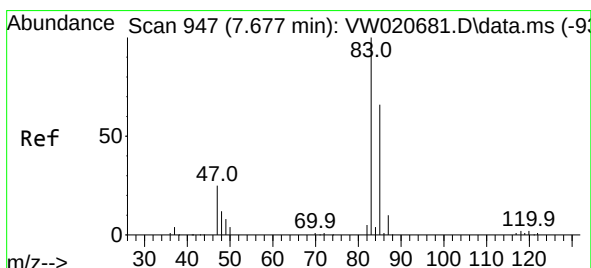
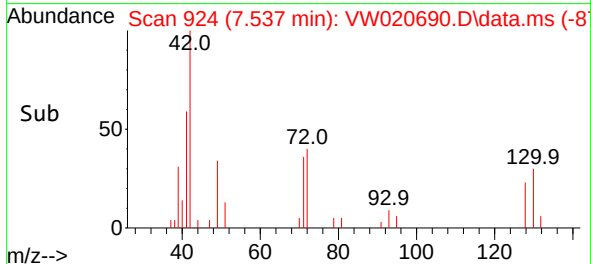
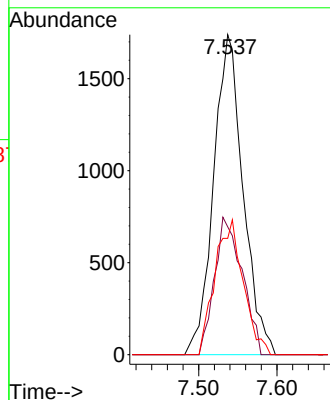
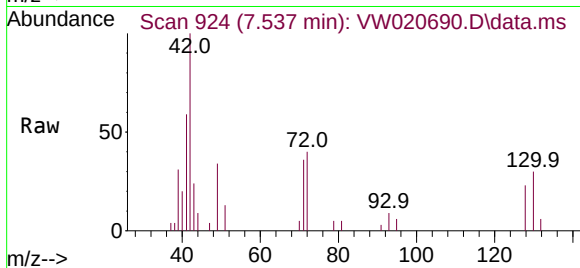
Delta R.T. 0.006 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion:	42	Resp:	4552
Ion	Ratio	Lower	Upper
42	100		
72	40.2	35.0	52.6
71	40.5	32.2	48.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



#30

Chloroform

Concen: 5.039 ug/l

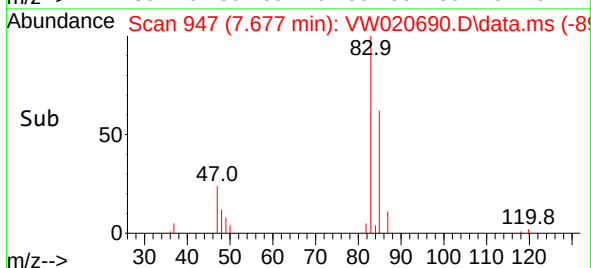
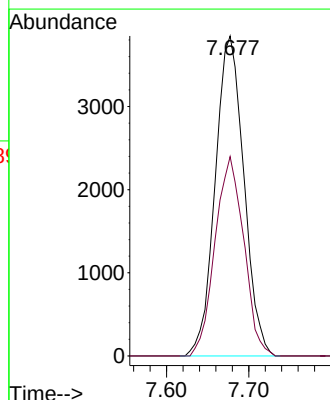
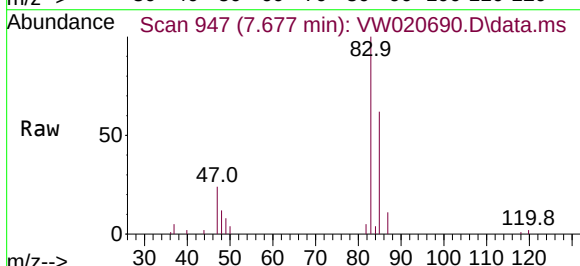
RT: 7.677 min Scan# 947

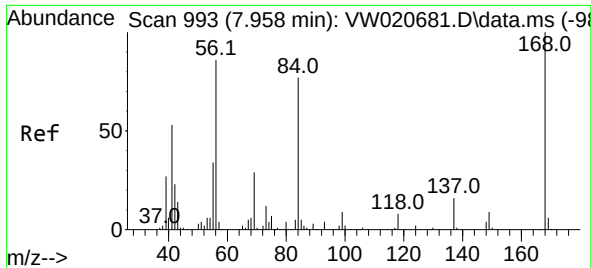
Delta R.T. -0.000 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion:	83	Resp:	9309
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.9	79.3

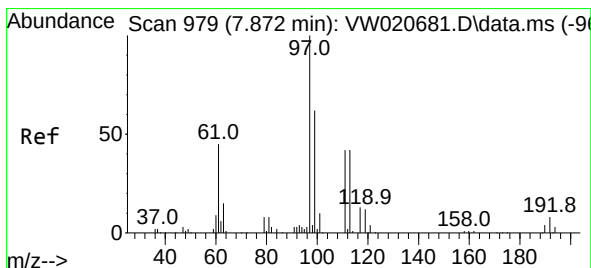
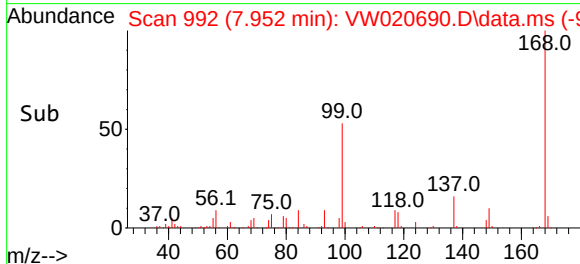
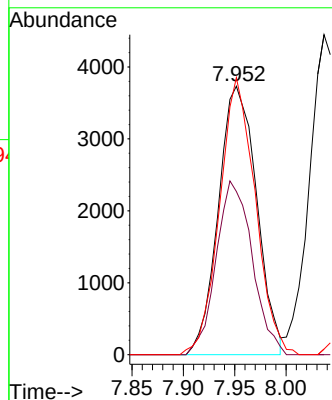
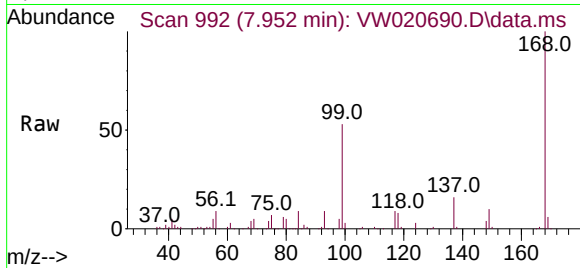




#31
Cyclohexane
Concen: 5.435 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

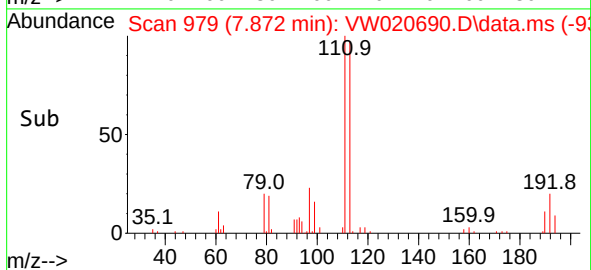
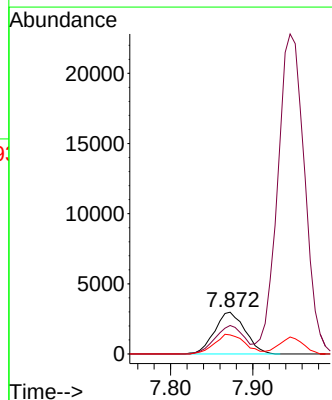
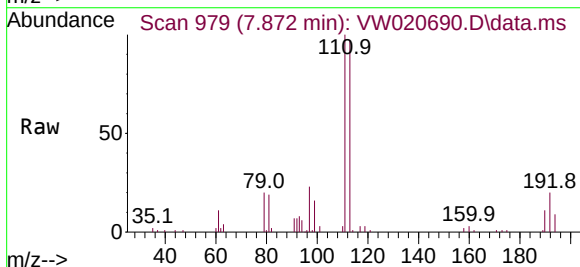
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

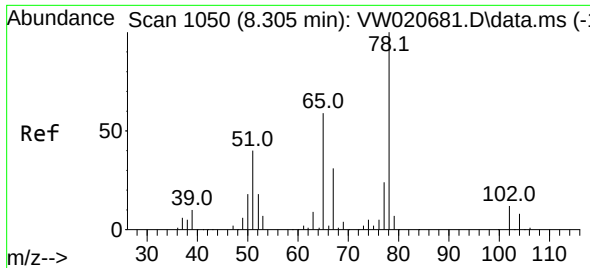
Tgt Ion: 56 Resp: 9656
Ion Ratio Lower Upper
56 100
69 60.8 27.2 40.8#
84 103.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 4.900 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 97 Resp: 7655
Ion Ratio Lower Upper
97 100
99 63.0 50.6 75.8
61 46.3 36.6 55.0

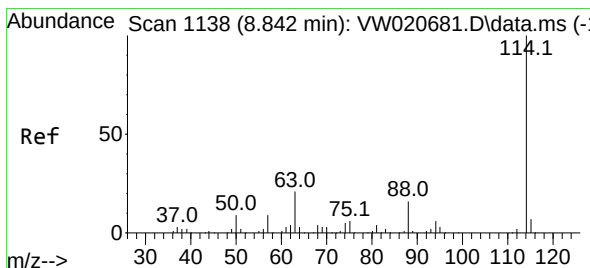
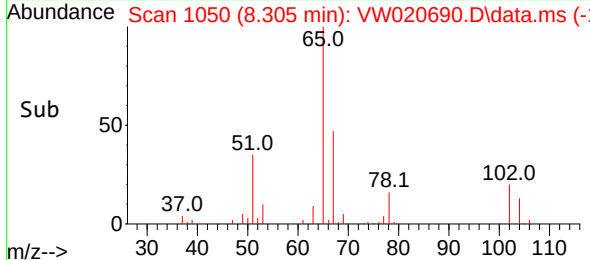
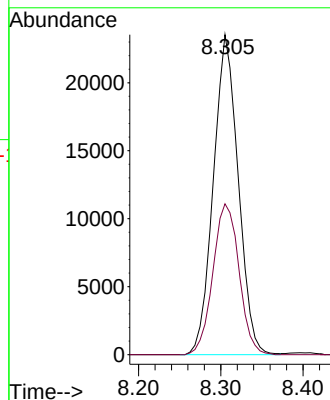
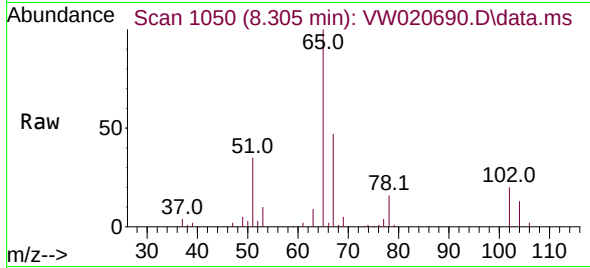




#33
 1,2-Dichloroethane-d4
 Concen: 47.263 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

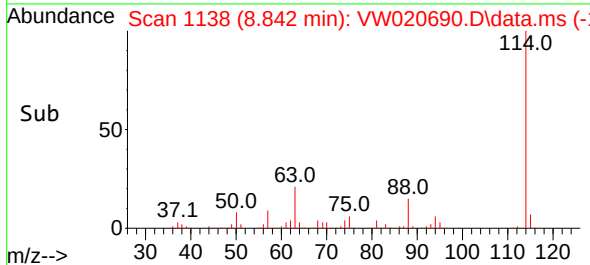
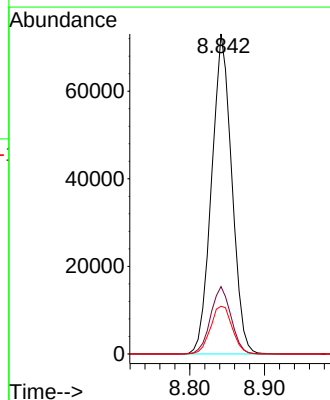
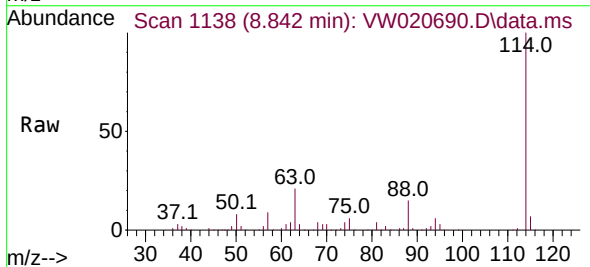
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

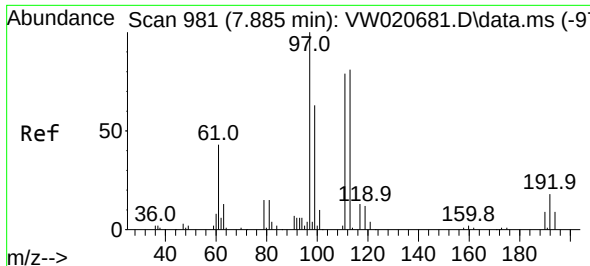
Tgt Ion: 65 Resp: 49479
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

Tgt Ion: 114 Resp: 137023
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 14.9 0.0 33.0

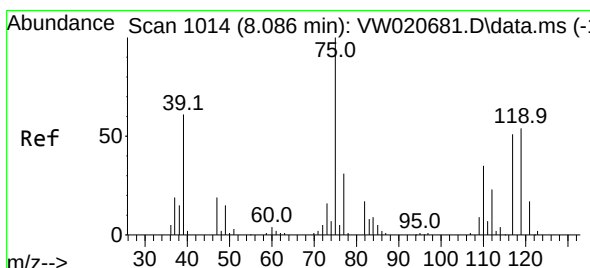
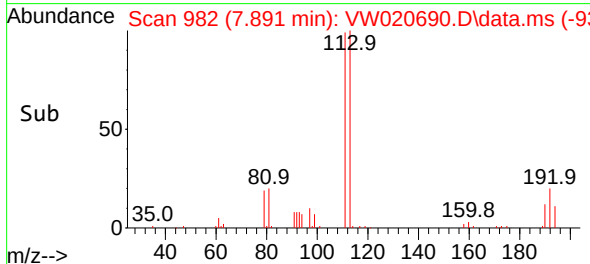
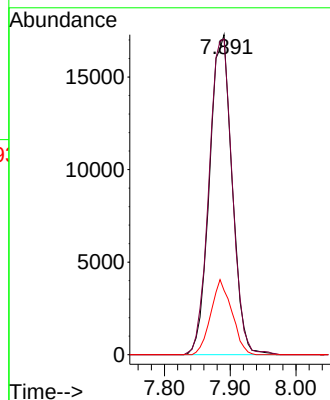
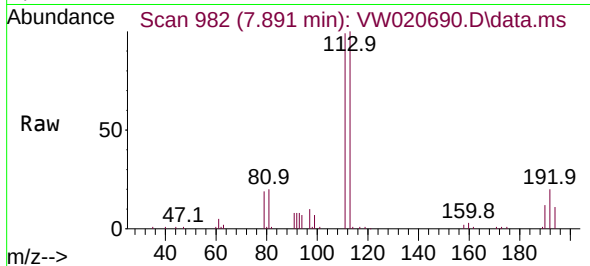




#35
Dibromofluoromethane
Concen: 45.981 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

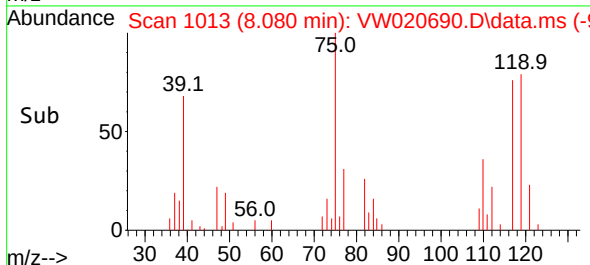
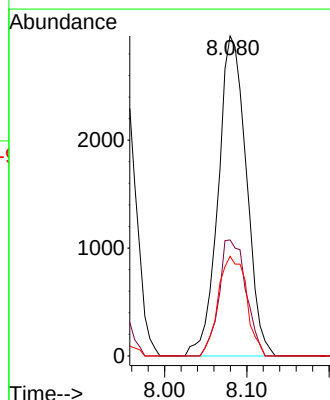
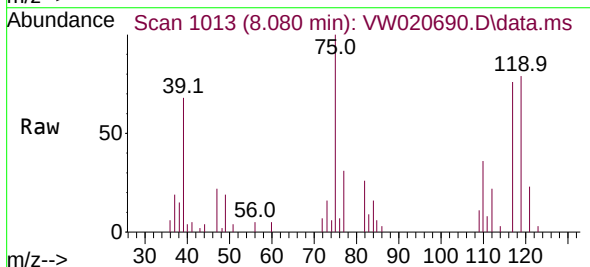
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

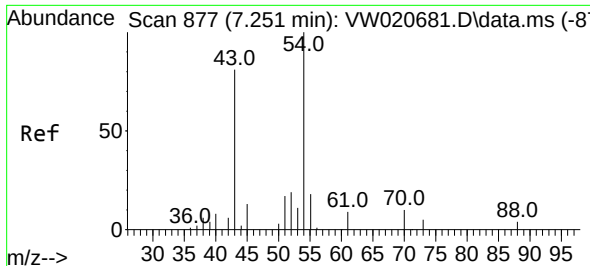
Tgt Ion:113 Resp: 41204
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 21.9 17.8 26.8



#36
1,1-Dichloropropene
Concen: 4.774 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 75 Resp: 7045
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.3
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 5.142 ug/l

RT: 7.263 min Scan# 879

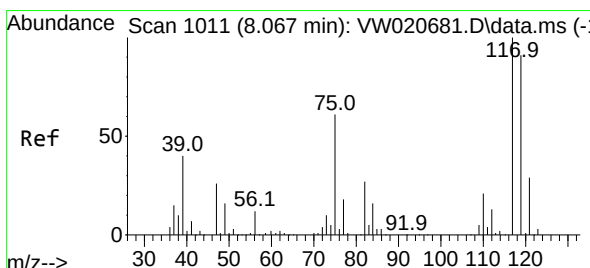
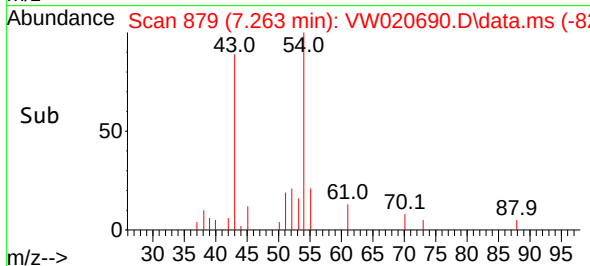
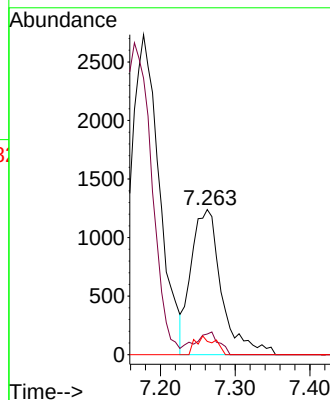
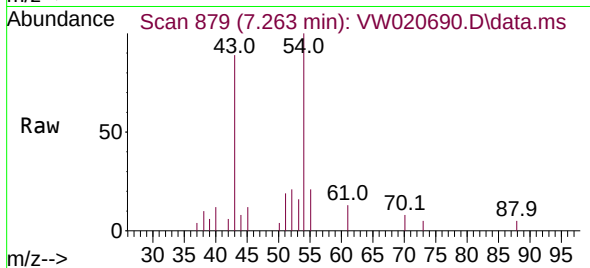
Delta R.T. 0.012 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion:	43	Resp:	3511
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	8.1	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



#38

Carbon Tetrachloride

Concen: 4.890 ug/l

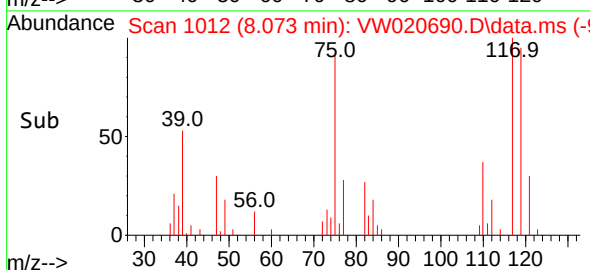
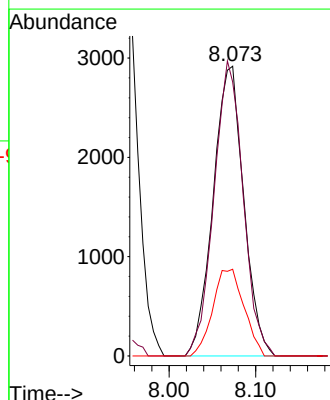
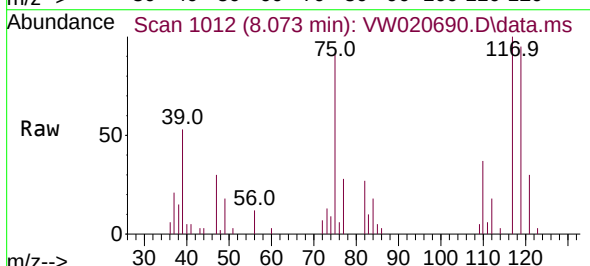
RT: 8.073 min Scan# 1012

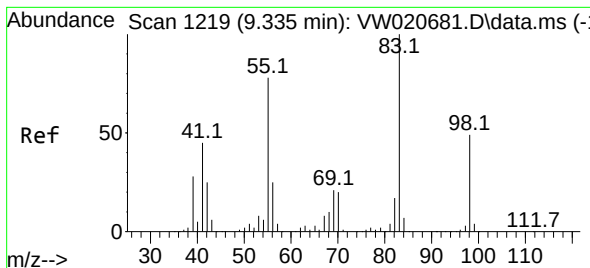
Delta R.T. 0.006 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion:	117	Resp:	7155
Ion	Ratio	Lower	Upper
117	100		
119	94.6	72.9	109.3
121	30.0	23.4	35.0

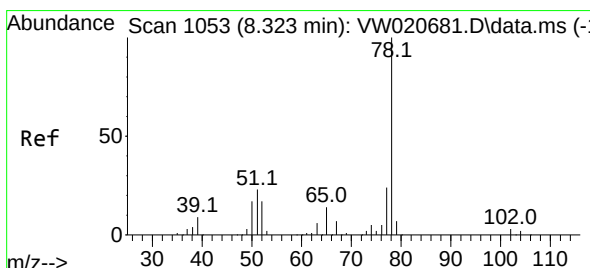
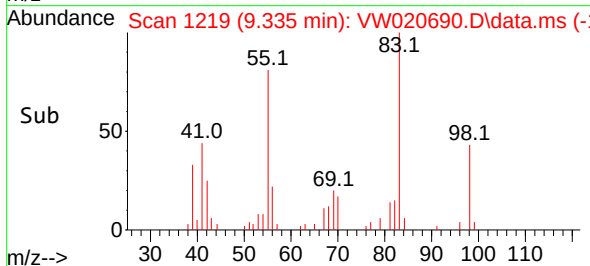
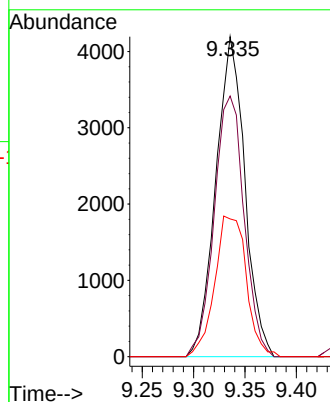
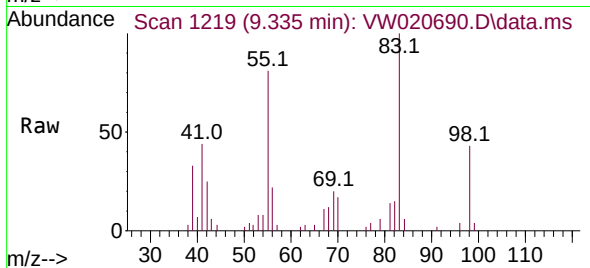




#39
Methylcyclohexane
Concen: 4.774 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

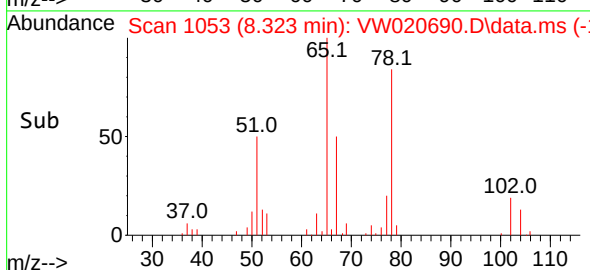
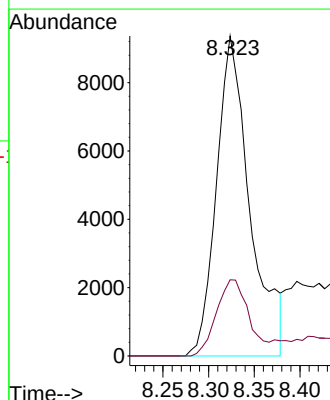
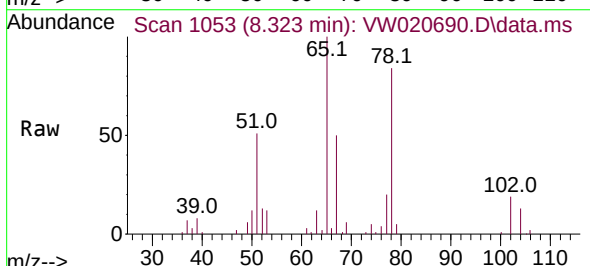
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

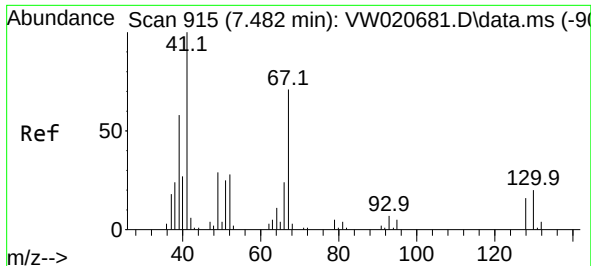
Tgt Ion:	83	Resp:	8214
Ion	Ratio	Lower	Upper
83	100		
55	81.4	62.6	94.0
98	43.0	38.8	58.2



#40
Benzene
Concen: 5.903 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	78	Resp:	23838
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6

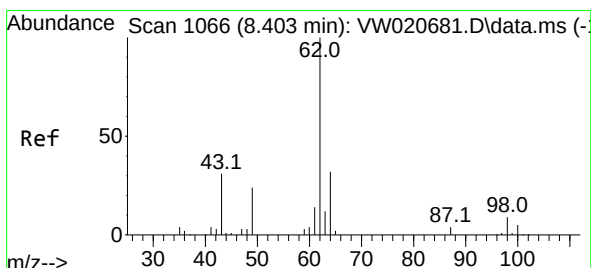
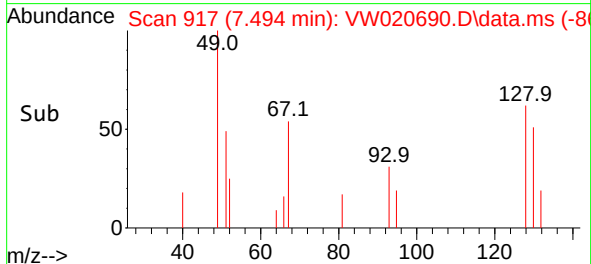
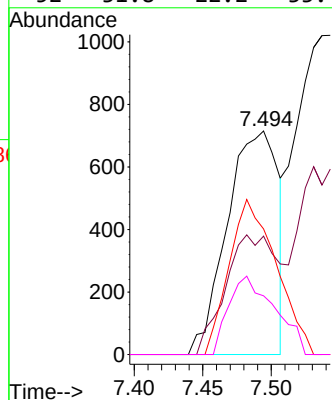
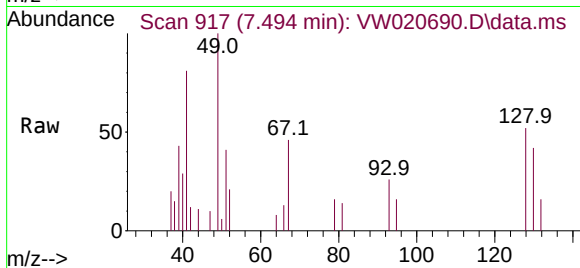




#41
Methacrylonitrile
Concen: 4.661 ug/l
RT: 7.494 min Scan# 917
Delta R.T. 0.012 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

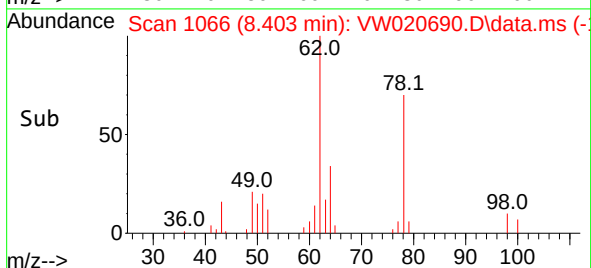
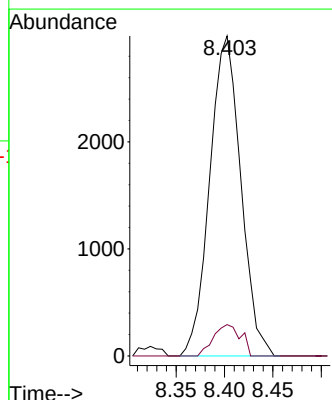
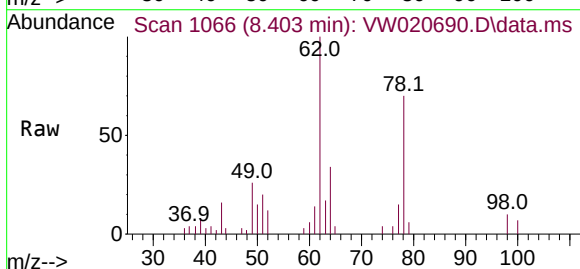
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

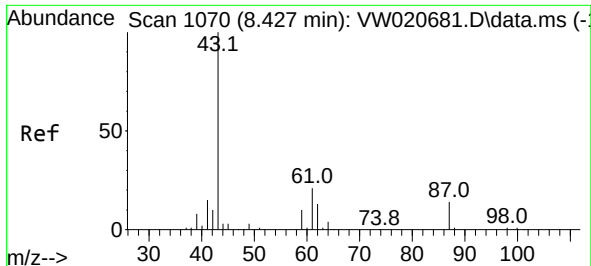
Tgt Ion: 41	Resp: 1854
Ion Ratio	Lower Upper
41 100	
39 59.0	44.3 66.5
67 64.2	50.9 76.3
52 31.8	22.2 33.4



#42
1,2-Dichloroethane
Concen: 5.138 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 62	Resp: 6680
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 17.8

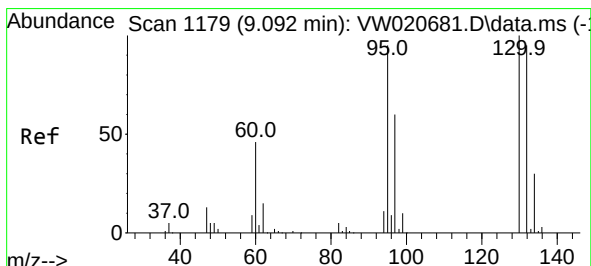
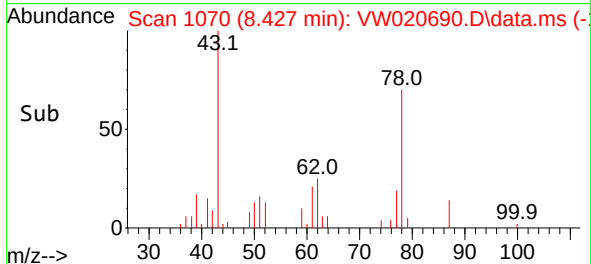
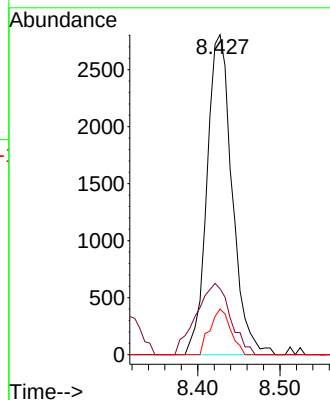
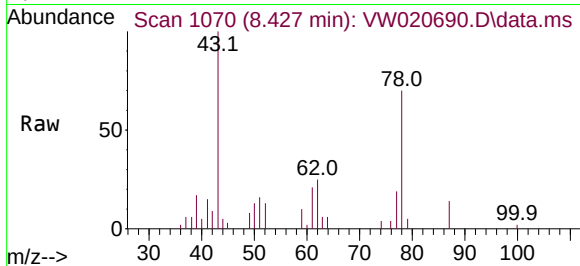




#43
Isopropyl Acetate
Concen: 4.706 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

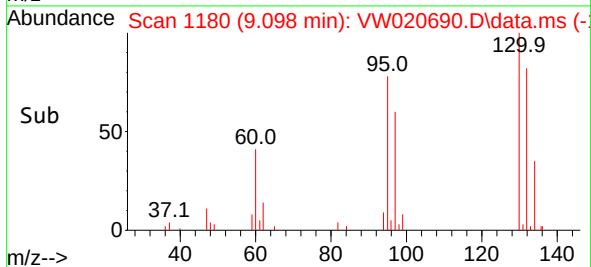
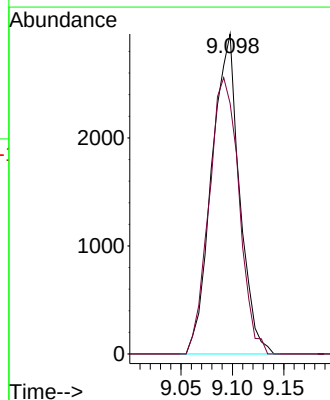
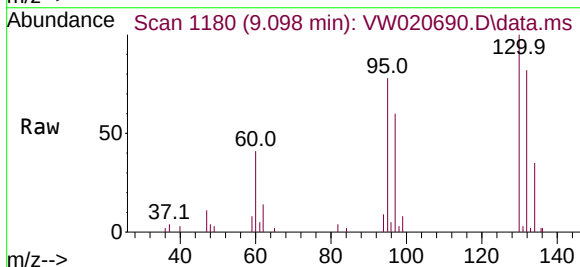
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

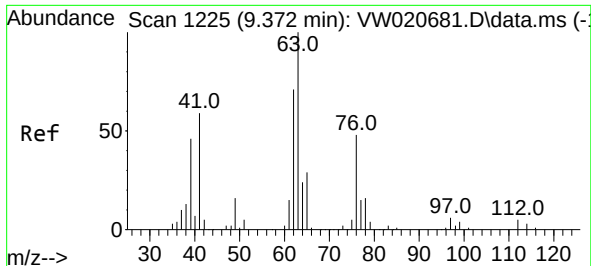
Tgt Ion:	43	Resp:	5963
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.3	34.9
87	11.7	10.4	15.6



#44
Trichloroethene
Concen: 5.060 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	130	Resp:	5554
Ion	Ratio	Lower	Upper
130	100		
95	78.3	0.0	189.2

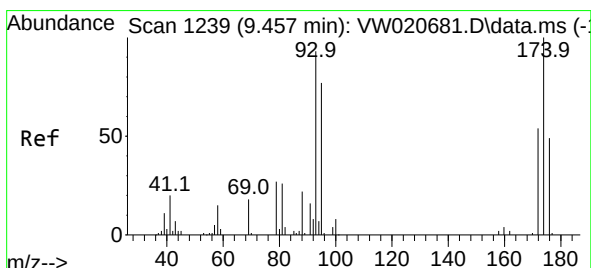
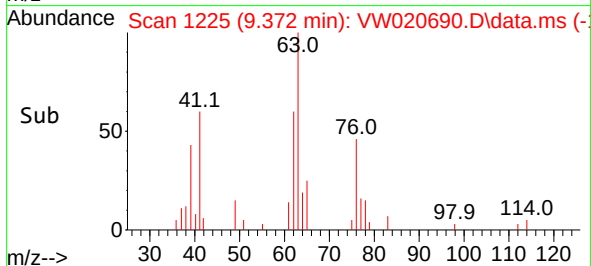
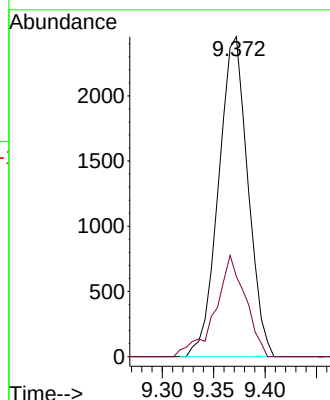
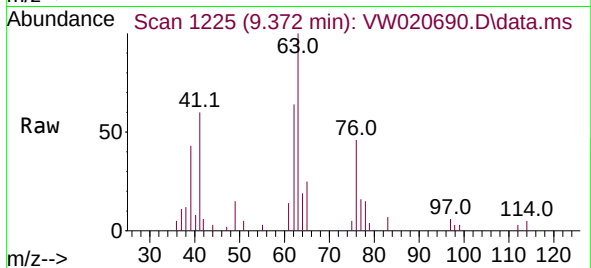




#45
1,2-Dichloropropane
Concen: 5.024 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

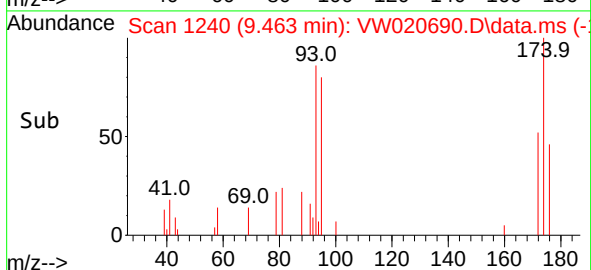
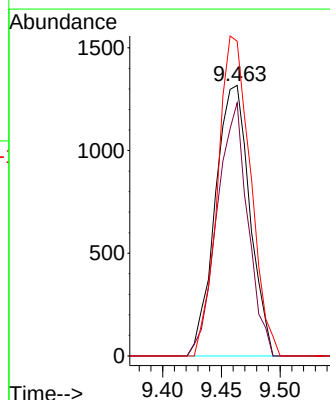
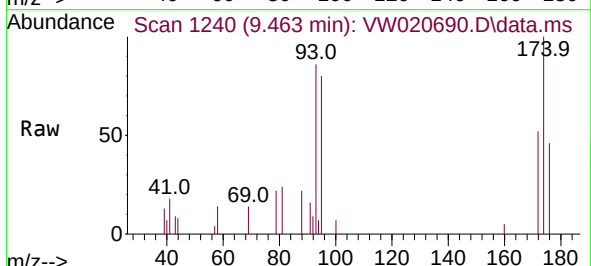
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

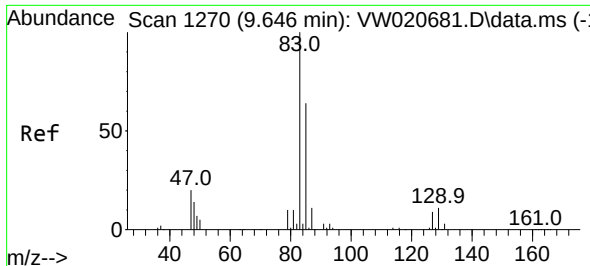
Tgt Ion: 63 Resp: 4864
Ion Ratio Lower Upper
63 100
65 25.1 23.7 35.5



#46
Dibromomethane
Concen: 4.944 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 93 Resp: 2689
Ion Ratio Lower Upper
93 100
95 83.3 67.0 100.4
174 112.3 88.9 133.3

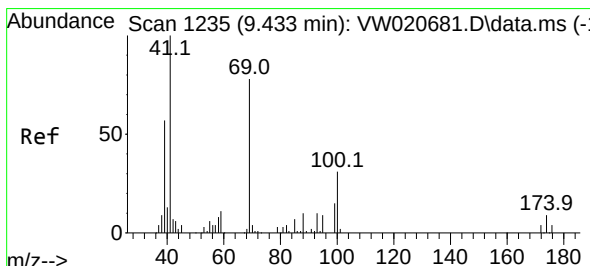
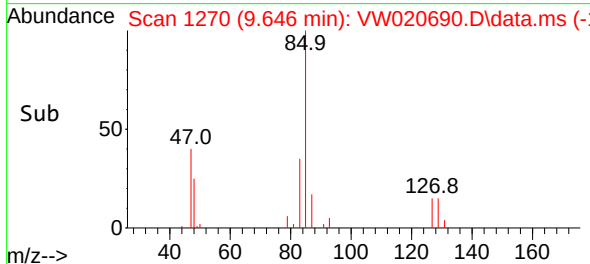
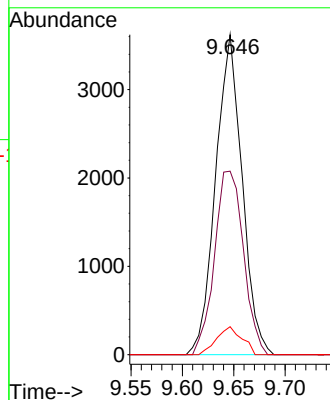
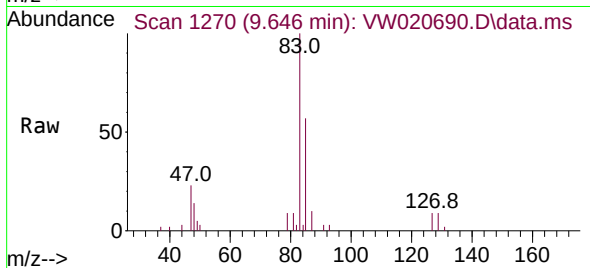




#47
Bromodichloromethane
Concen: 4.832 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

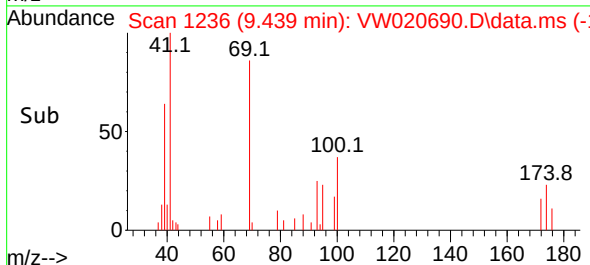
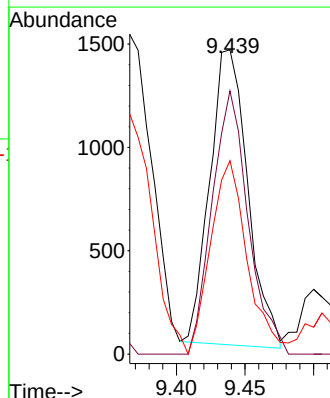
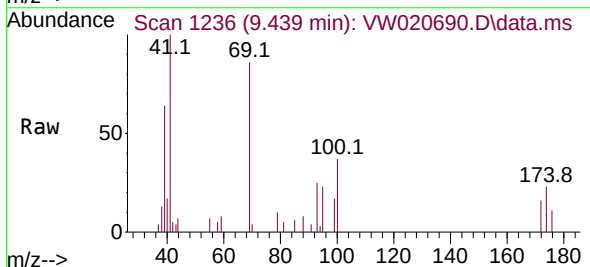
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

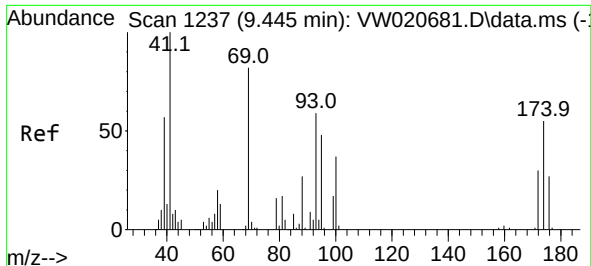
Tgt Ion: 83	Resp: 6477		
Ion Ratio	Lower	Upper	
83	100		
85	57.4	51.0	76.6
127	8.7	7.0	10.4



#48
Methyl methacrylate
Concen: 4.514 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 41	Resp: 2752
Ion Ratio	Lower Upper
41 100	
69 84.8	67.2 100.8
39 63.6	47.0 70.6

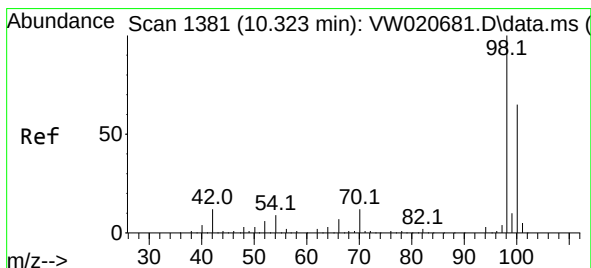
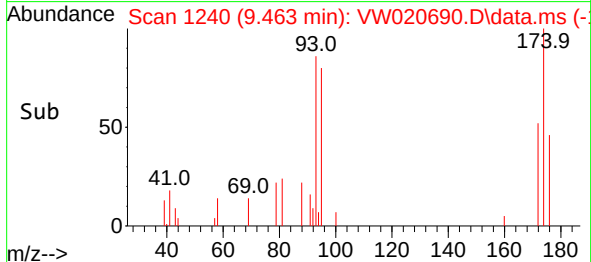
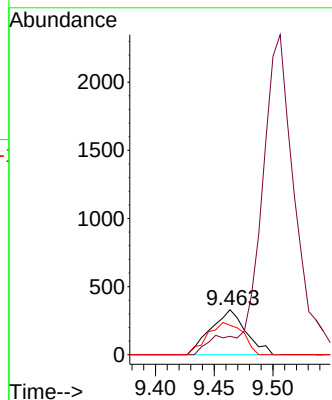
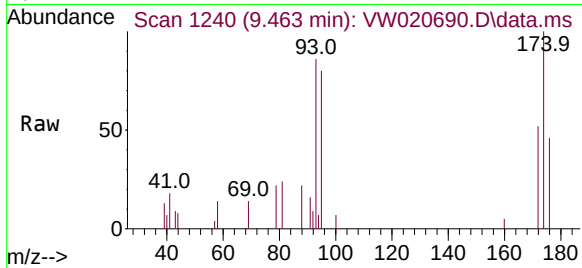




#49
1,4-Dioxane
Concen: 94.771 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.018 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

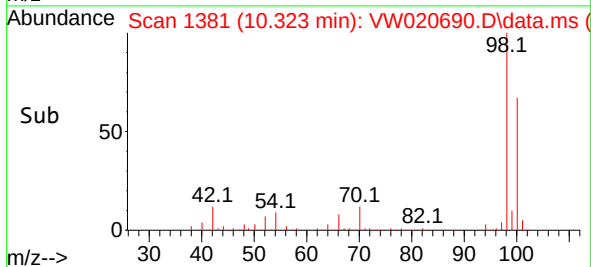
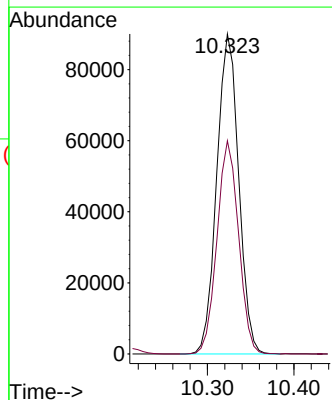
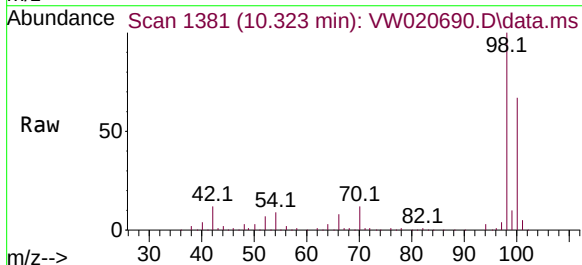
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

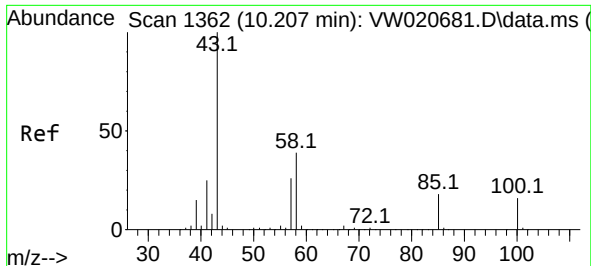
Tgt Ion: 88 Resp: 685
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 71.8 59.6 89.4



#50
Toluene-d8
Concen: 46.211 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 98 Resp: 158279
Ion Ratio Lower Upper
98 100
100 65.5 53.2 79.8

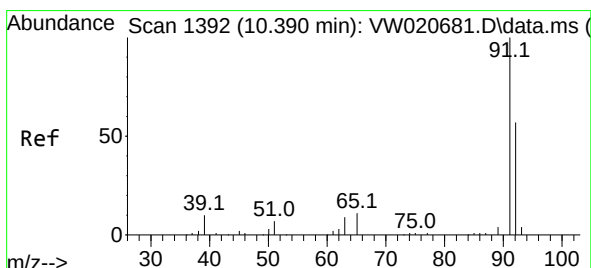
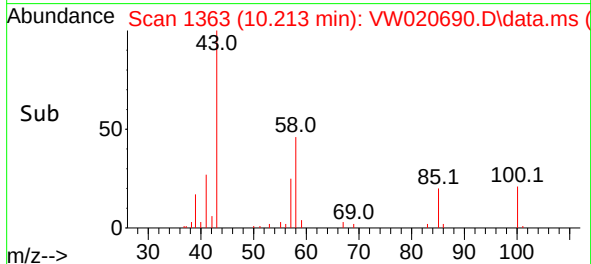
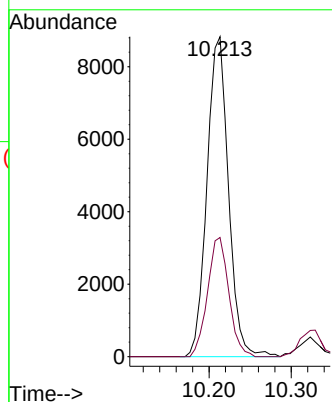
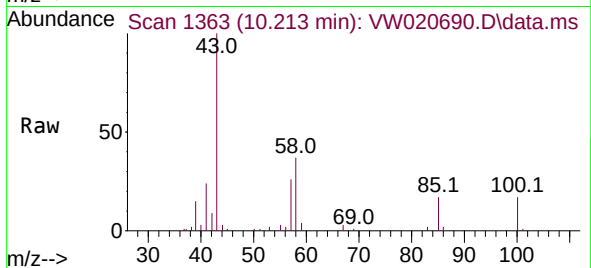




#51
4-Methyl-2-Pentanone
Concen: 23.275 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

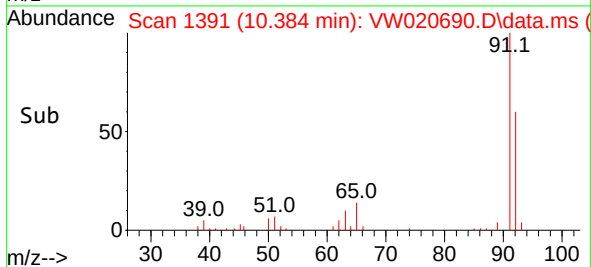
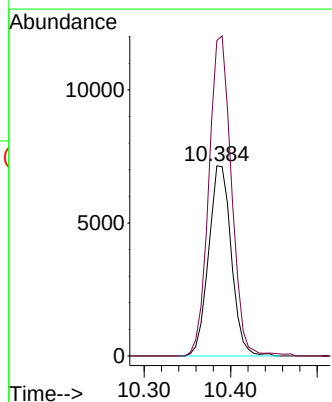
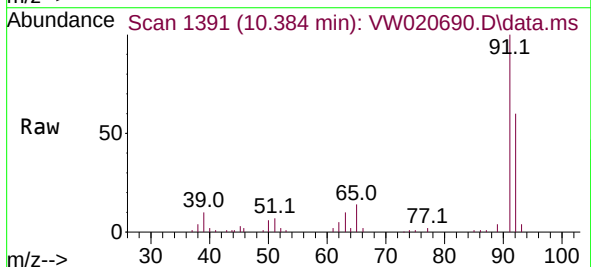
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

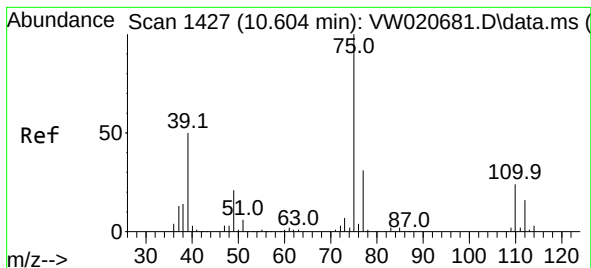
Tgt Ion: 43 Resp: 16036
Ion Ratio Lower Upper
43 100
58 36.9 30.6 46.0



#52
Toluene
Concen: 5.124 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 92 Resp: 13000
Ion Ratio Lower Upper
92 100
91 168.4 136.6 204.8

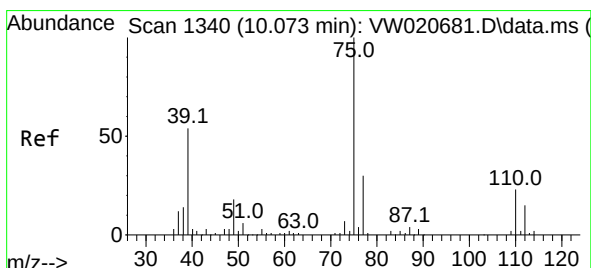
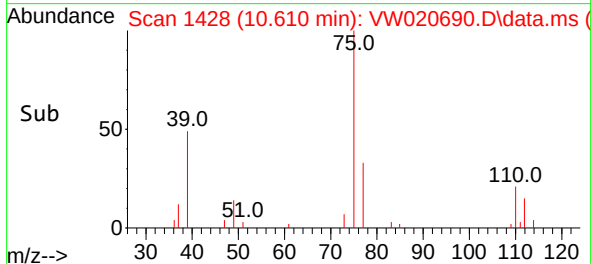
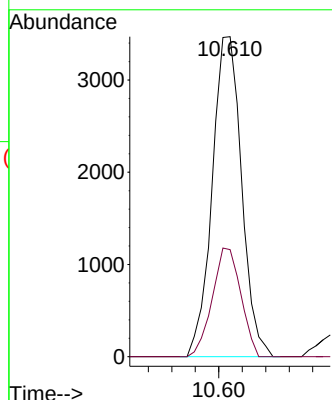
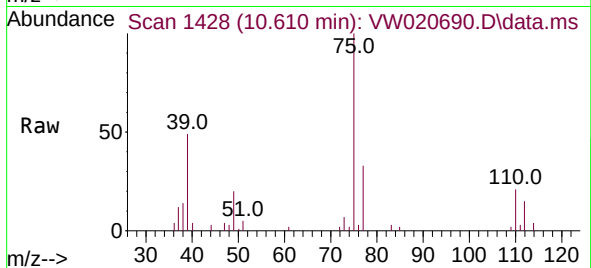




#53
 t-1,3-Dichloropropene
 Concen: 4.418 ug/l
 RT: 10.610 min Scan# 1428
 Delta R.T. 0.006 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

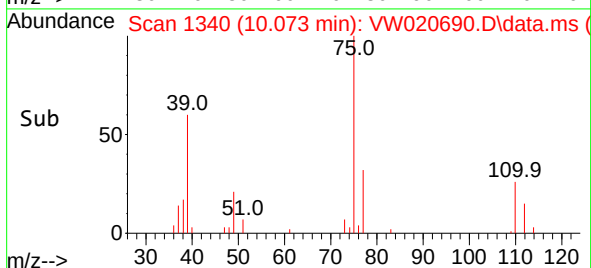
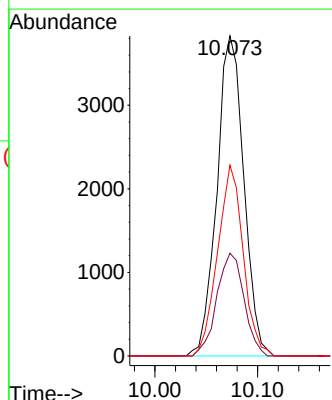
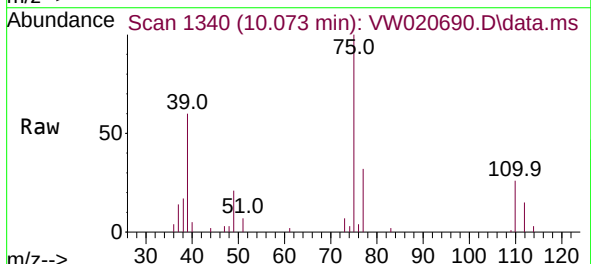
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

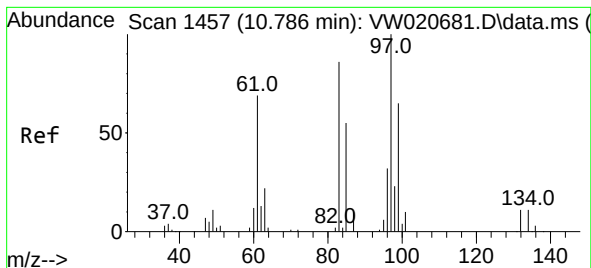
Tgt Ion: 75 Resp: 6027
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.503 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

Tgt Ion: 75 Resp: 6959
 Ion Ratio Lower Upper
 75 100
 77 32.1 23.8 35.8
 39 59.6 43.1 64.7

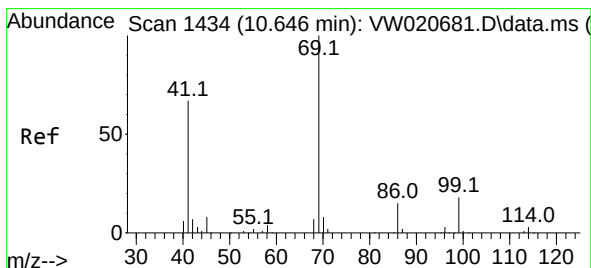
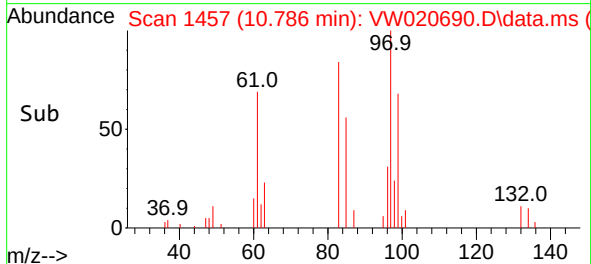
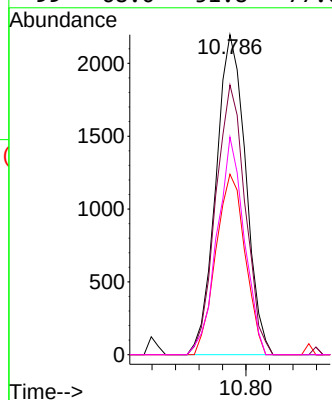
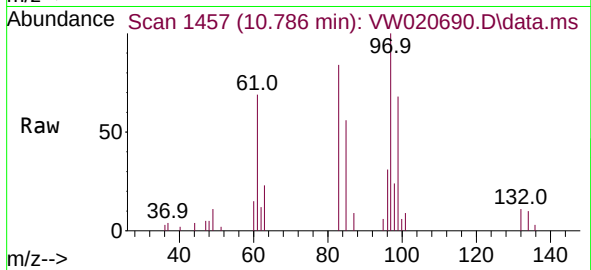




#55
1,1,2-Trichloroethane
Concen: 5.093 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

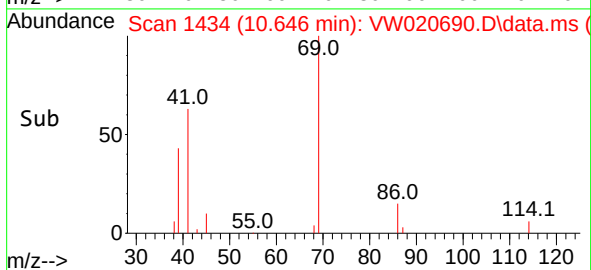
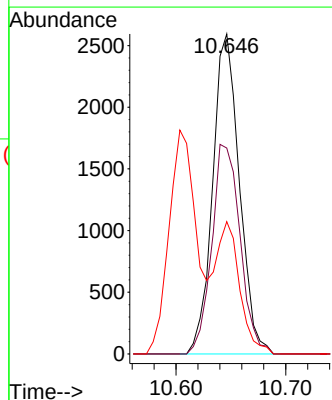
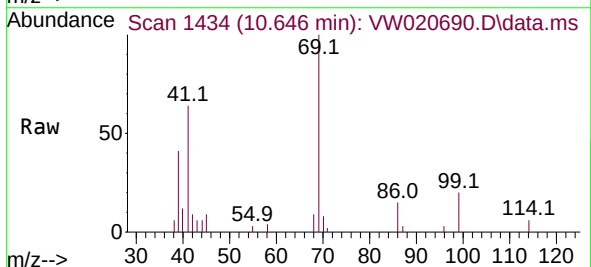
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

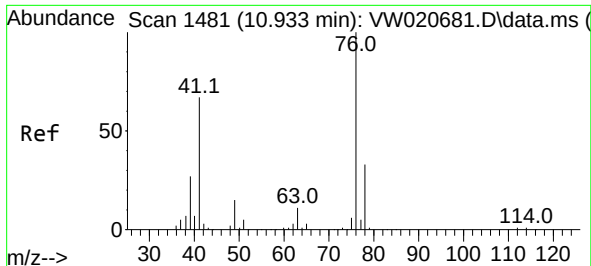
Tgt Ion: 97	Resp: 3859
Ion Ratio	Lower Upper
97 100	
83 84.3	69.0 103.4
85 56.4	44.3 66.5
99 68.0	51.8 77.6



#56
Ethyl methacrylate
Concen: 4.503 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 69	Resp: 4386
Ion Ratio	Lower Upper
69 100	
41 69.5	56.6 85.0
39 38.1	29.6 44.4

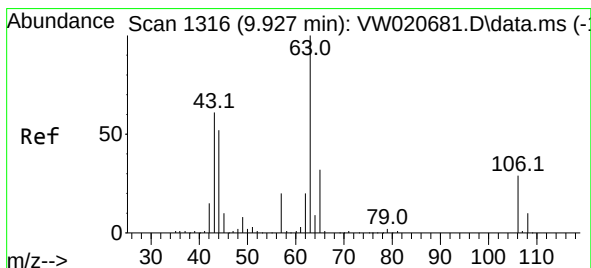
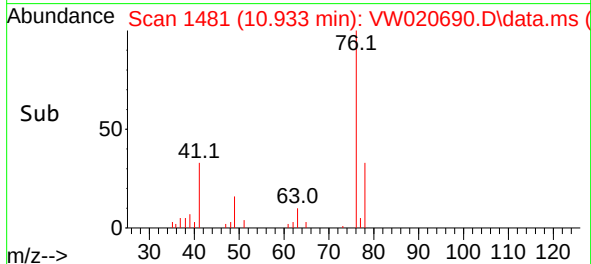
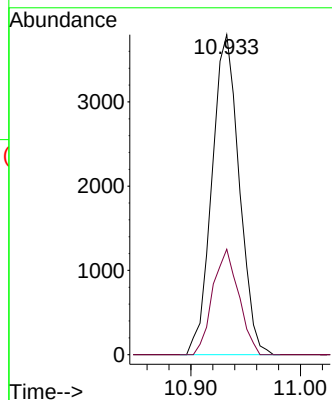
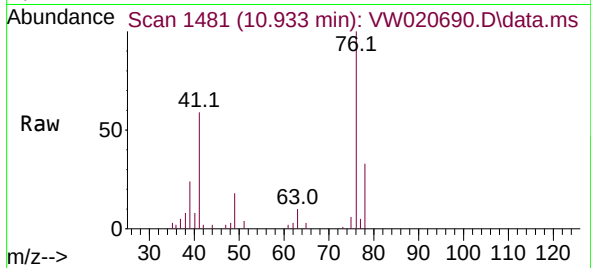




#57
1,3-Dichloropropane
Concen: 5.004 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

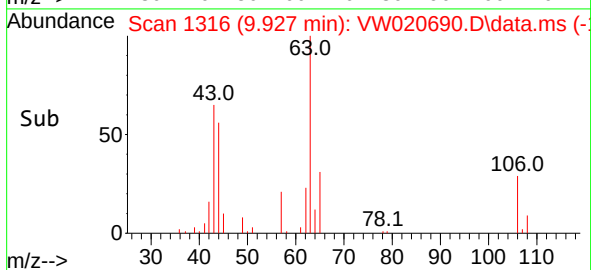
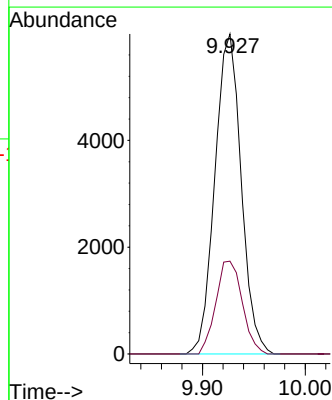
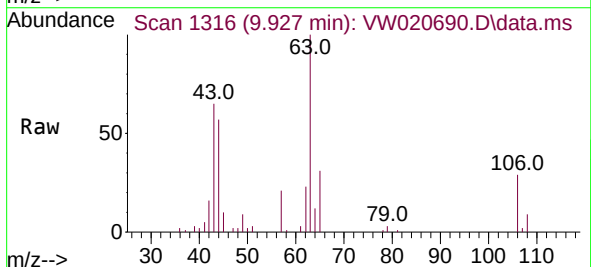
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

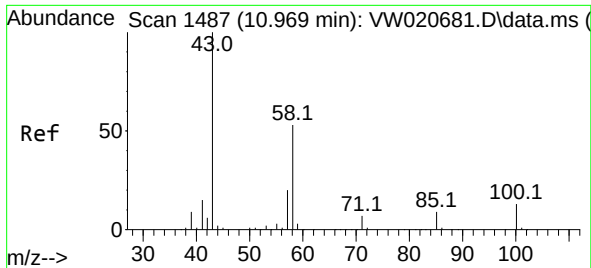
Tgt Ion: 76 Resp: 6569
Ion Ratio Lower Upper
76 100
78 31.4 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 24.238 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 63 Resp: 10642
Ion Ratio Lower Upper
63 100
106 29.1 23.0 34.6

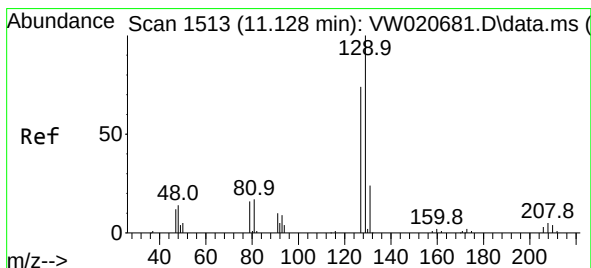
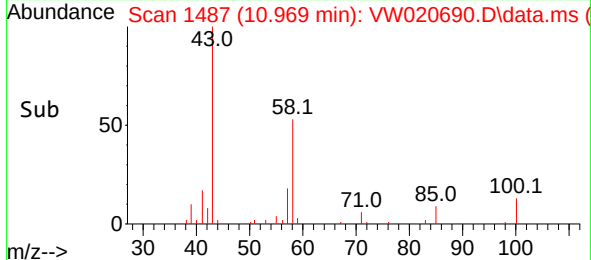
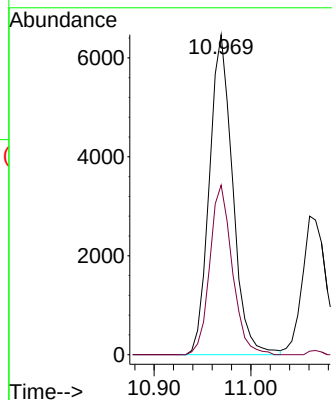
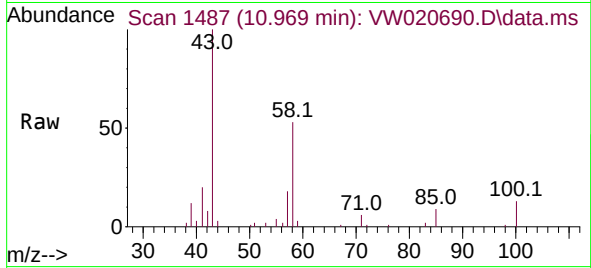




#59
2-Hexanone
Concen: 22.205 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

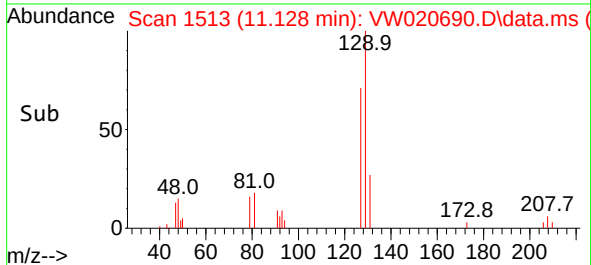
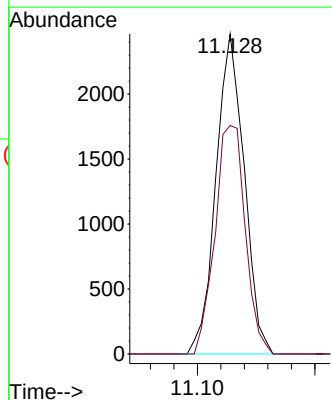
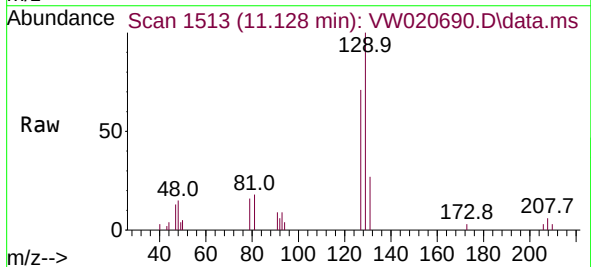
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

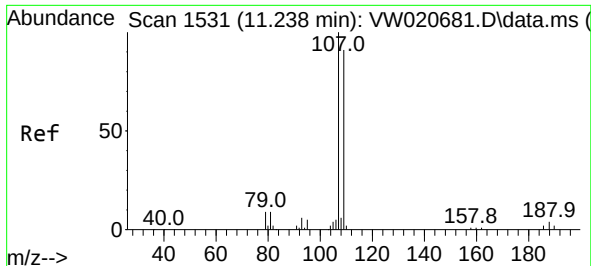
Tgt Ion: 43 Resp: 10824
Ion Ratio Lower Upper
43 100
58 51.0 26.4 79.2



#60
Dibromochloromethane
Concen: 4.600 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 129 Resp: 4109
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6

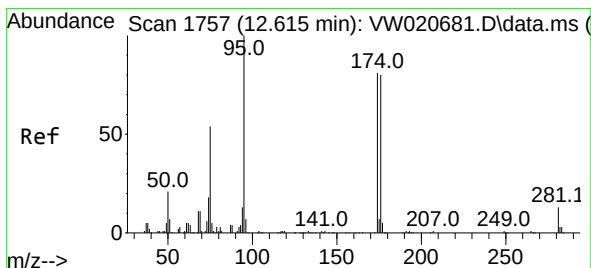
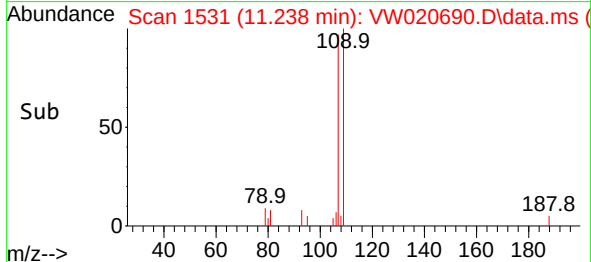
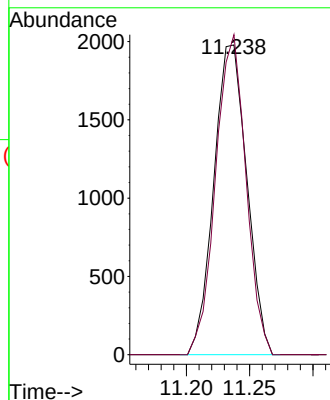
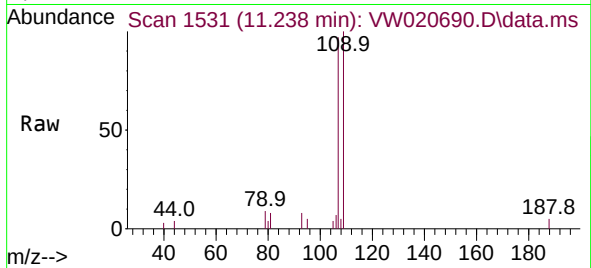




#61
1,2-Dibromoethane
Concen: 4.901 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

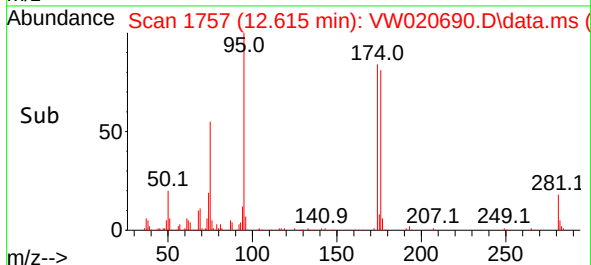
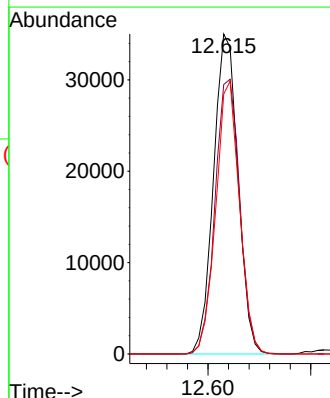
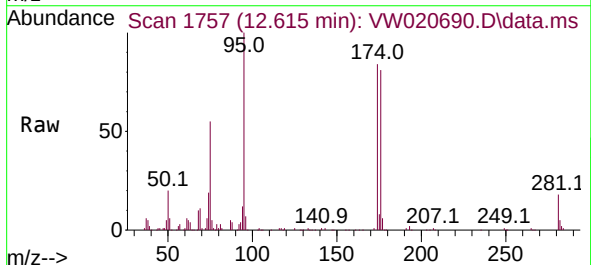
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

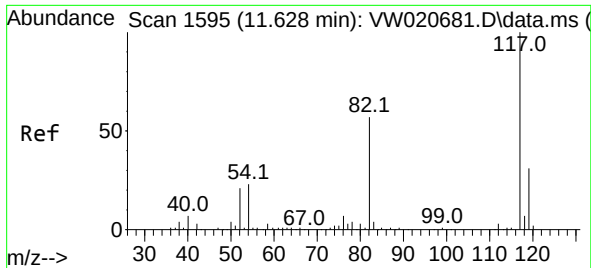
Tgt Ion:107 Resp: 3593
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.006 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 95 Resp: 57765
Ion Ratio Lower Upper
95 100
174 86.8 0.0 166.4
176 82.5 0.0 159.8

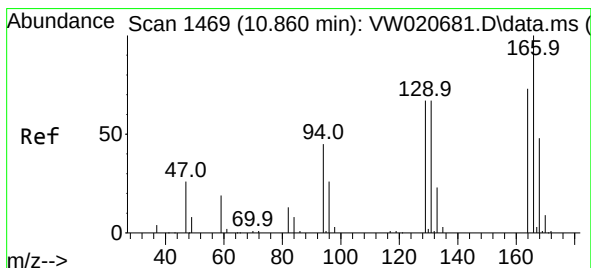
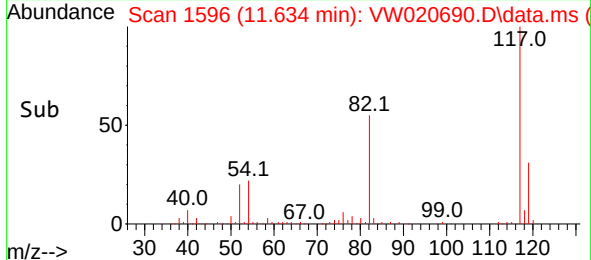
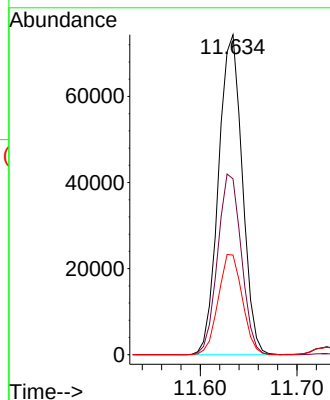
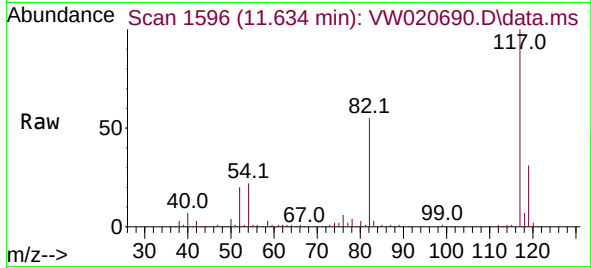




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

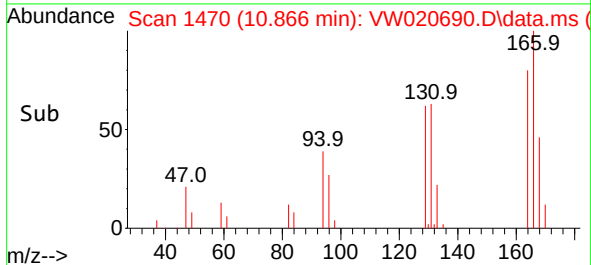
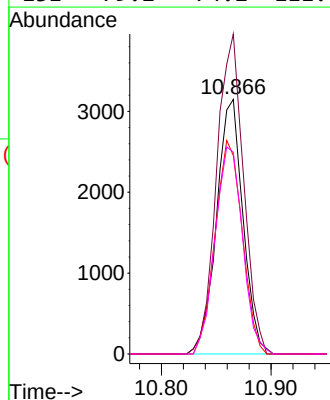
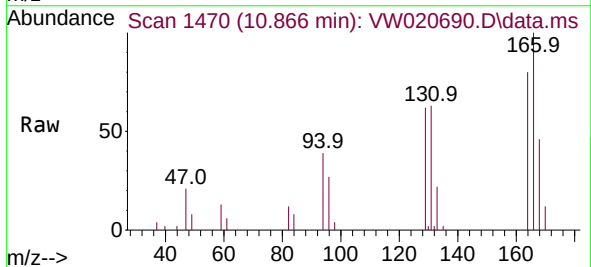
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

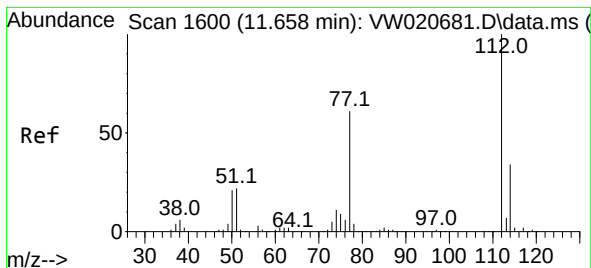
Tgt Ion:117 Resp: 126687
Ion Ratio Lower Upper
117 100
82 54.9 45.6 68.4
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 5.369 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:164 Resp: 5281
Ion Ratio Lower Upper
164 100
166 125.7 110.2 165.4
129 77.9 74.4 111.6
131 79.2 74.2 111.4

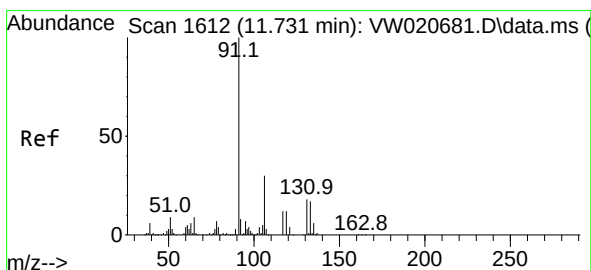
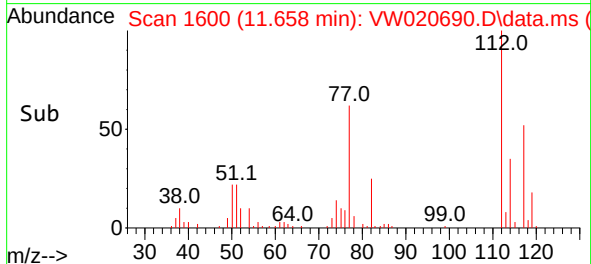
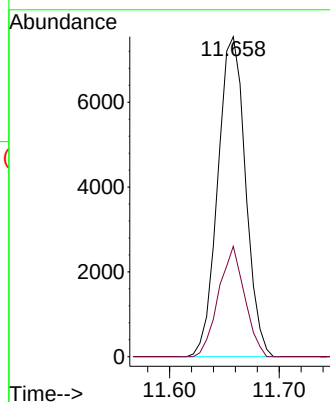
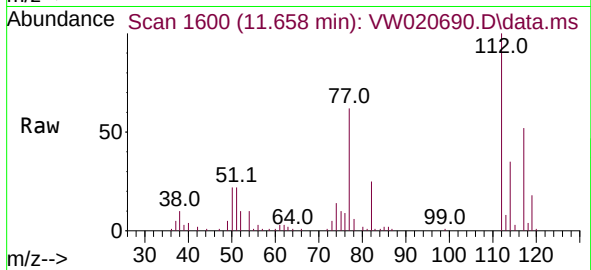




#65
Chlorobenzene
Concen: 4.867 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

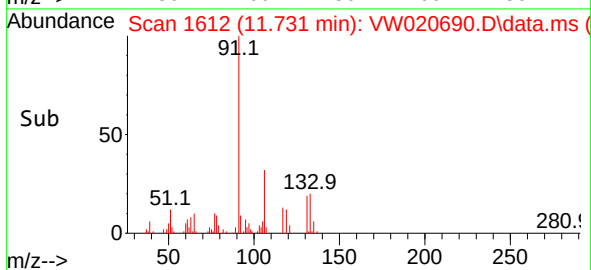
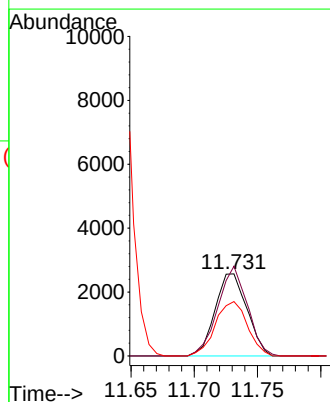
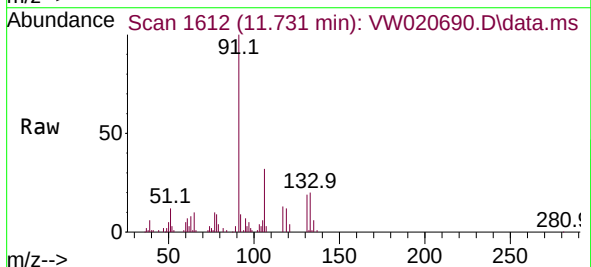
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

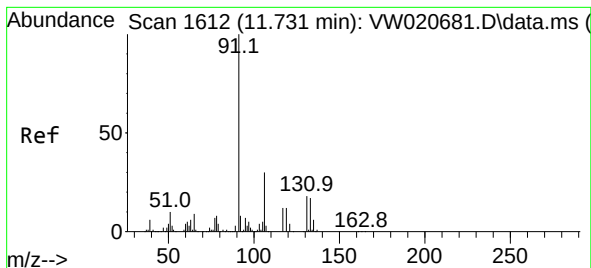
Tgt Ion:112 Resp: 13272
Ion Ratio Lower Upper
112 100
114 34.5 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.567 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:131 Resp: 4515
Ion Ratio Lower Upper
131 100
133 101.0 47.9 143.8
119 66.4 31.6 95.0





#67

Ethyl Benzene

Concen: 4.589 ug/l

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion: 91 Resp: 22660

Ion Ratio Lower Upper

91 100

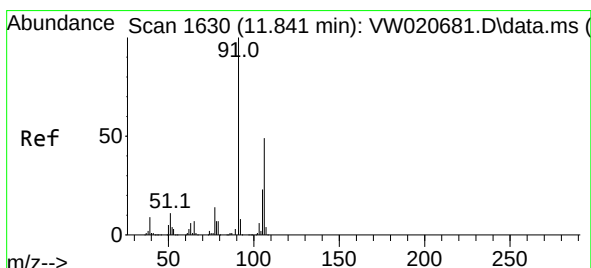
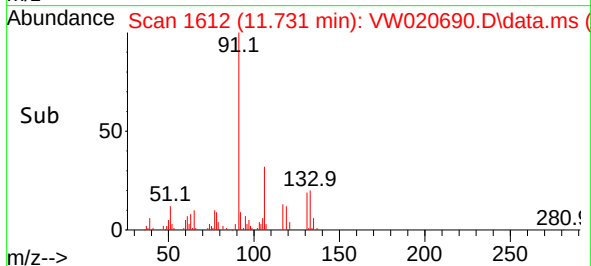
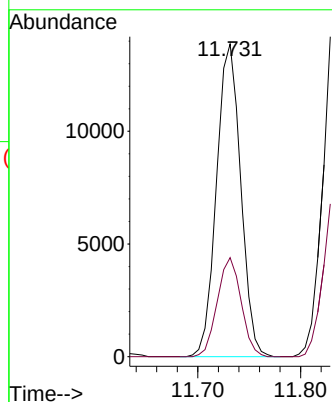
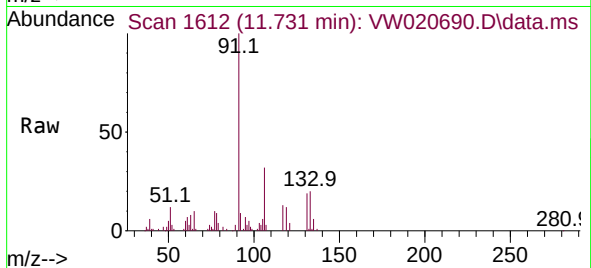
106 31.7 24.4 36.6

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021



#68

m/p-Xylenes

Concen: 8.965 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VW020690.D

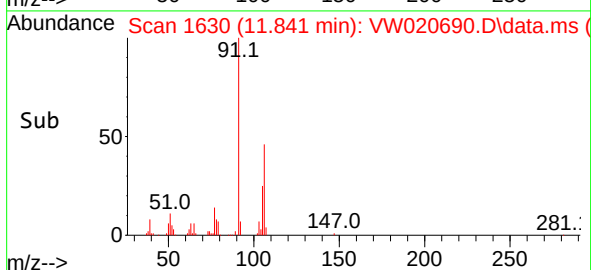
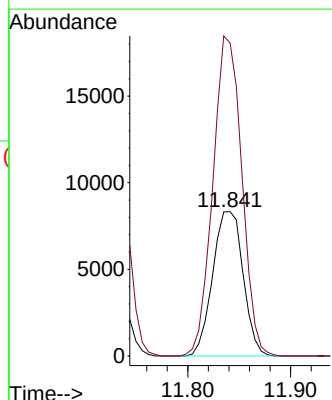
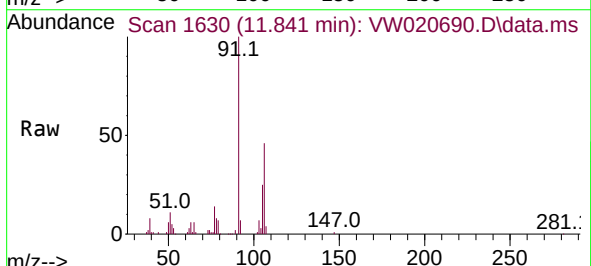
Acq: 22 Oct 2021 18:49

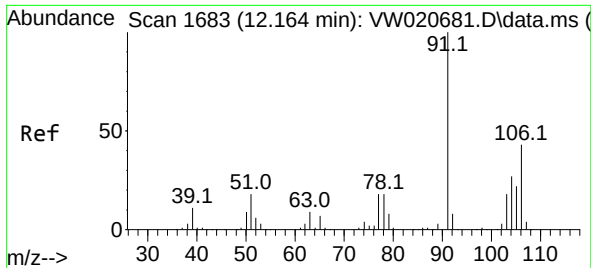
Tgt Ion:106 Resp: 17116

Ion Ratio Lower Upper

106 100

91 210.7 166.4 249.6

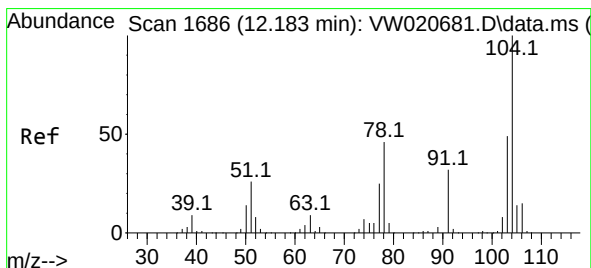
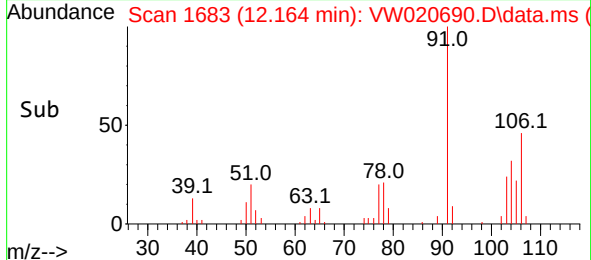
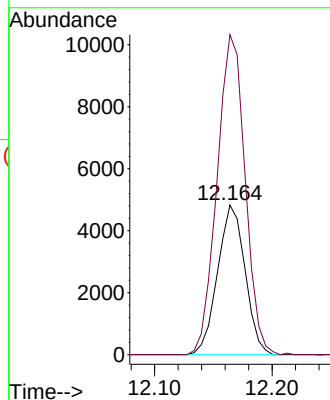
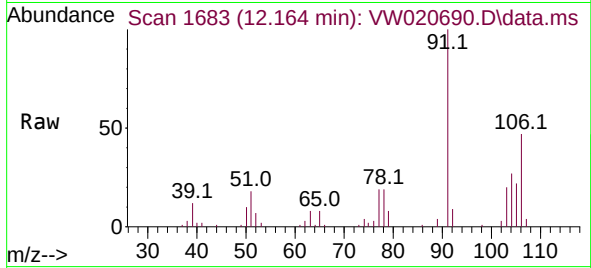




#69
o-Xylene
Concen: 4.457 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

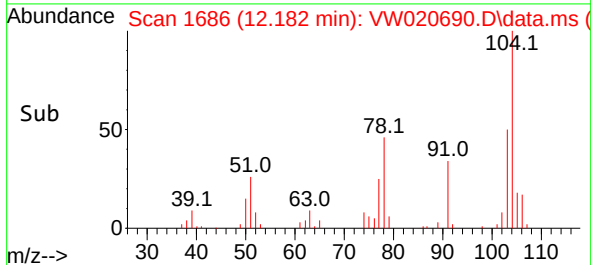
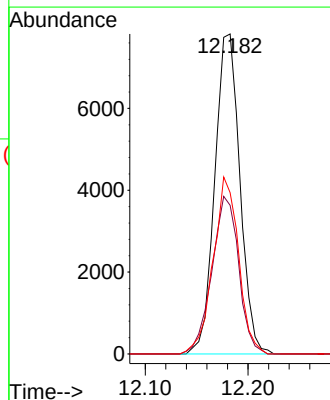
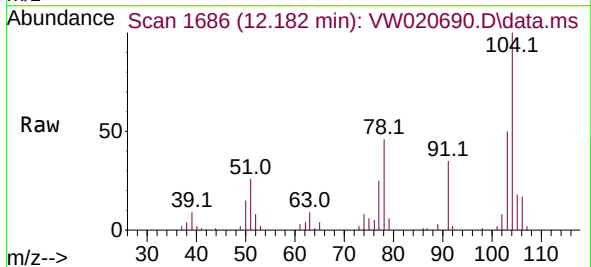
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

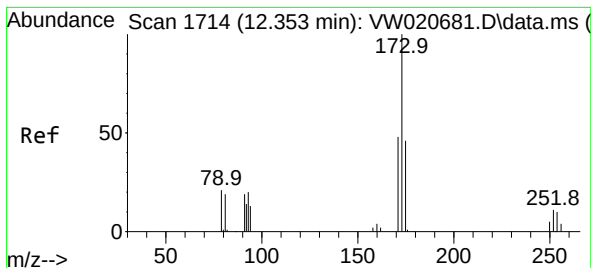
Tgt Ion:106 Resp: 7842
Ion Ratio Lower Upper
106 100
91 218.6 110.9 332.6



#70
Styrene
Concen: 4.395 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:104 Resp: 13246
Ion Ratio Lower Upper
104 100
78 52.6 41.4 62.0
103 55.9 43.3 64.9





#71

Bromoform

Concen: 4.479 ug/l

RT: 12.347 min Scan# 1713

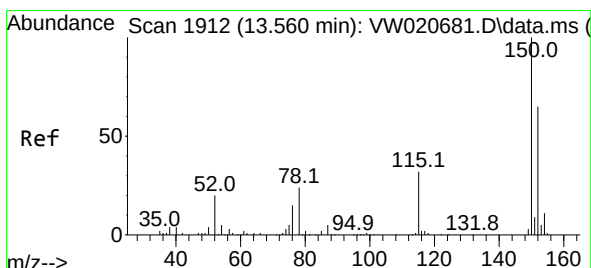
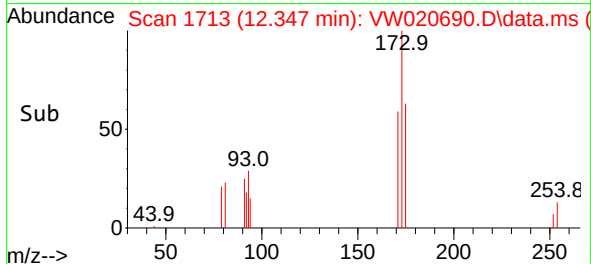
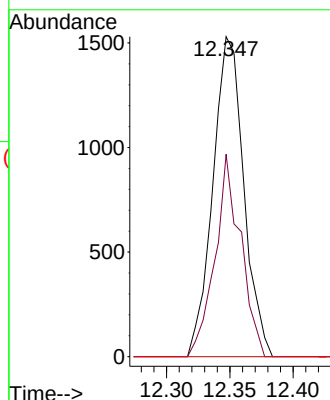
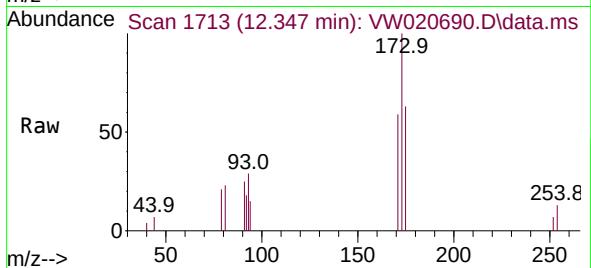
Delta R.T. -0.006 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion:	173	Resp:	2596
Ion Ratio	Lower	Upper	
173	100		
175	52.6	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

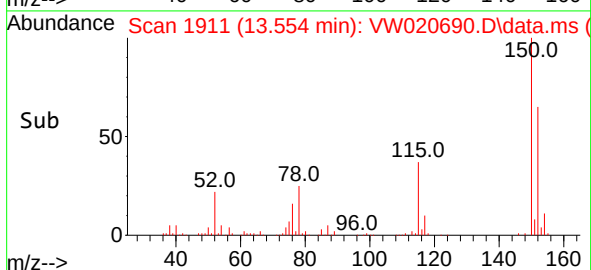
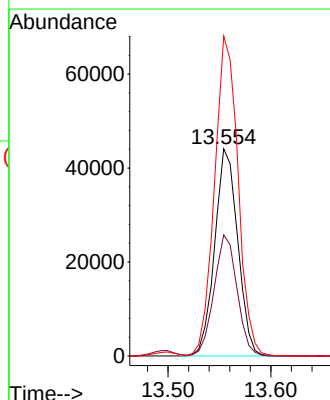
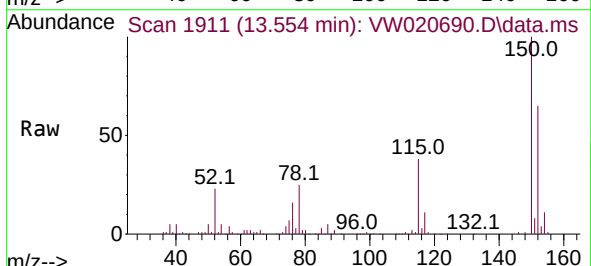
RT: 13.554 min Scan# 1911

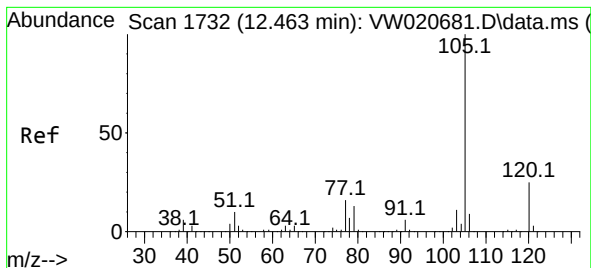
Delta R.T. -0.006 min

Lab File: VW020690.D

Acq: 22 Oct 2021 18:49

Tgt Ion:	152	Resp:	68465
Ion Ratio	Lower	Upper	
152	100		
115	58.4	29.6	88.9
150	157.9	0.0	352.6

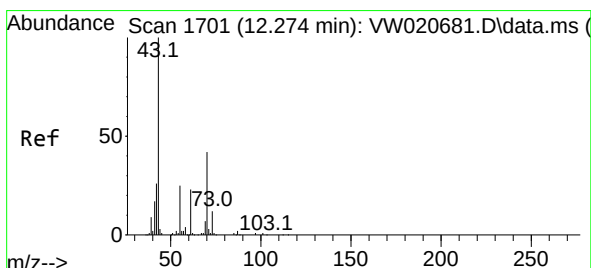
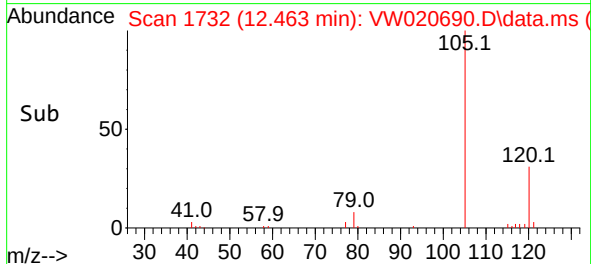
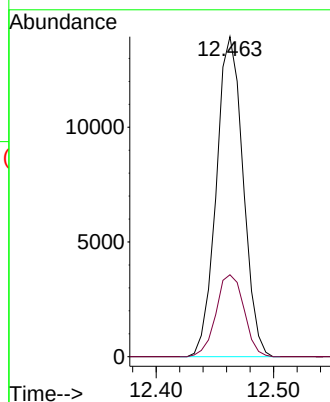
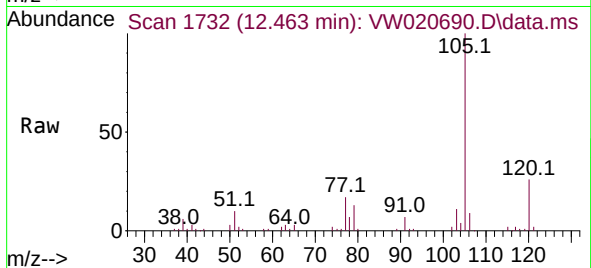




#73
Isopropylbenzene
Concen: 4.485 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

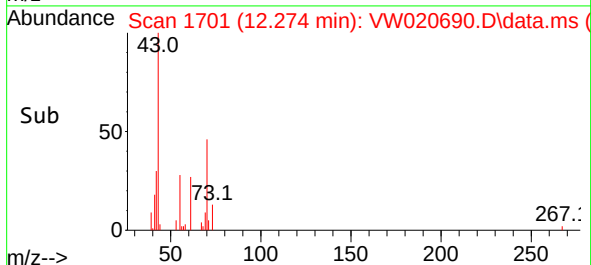
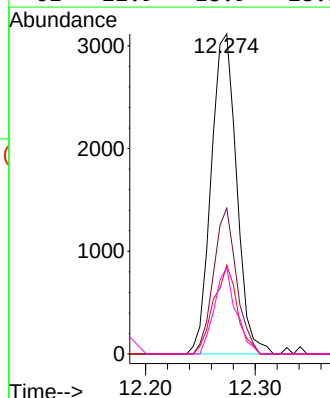
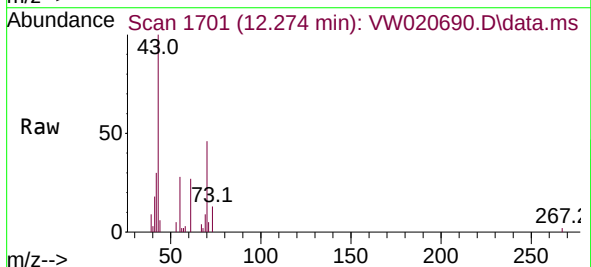
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

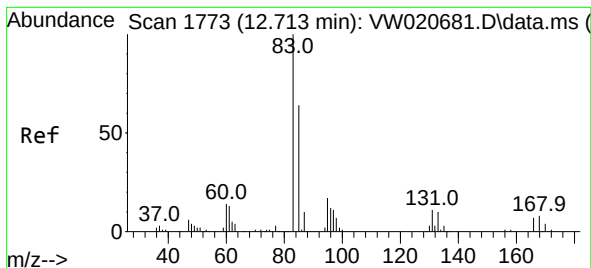
Tgt Ion:105 Resp: 22121
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0



#74
N-ethyl acetate
Concen: 4.192 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 43 Resp: 5017
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.2
55 26.0 20.1 30.1
61 22.9 18.9 28.3

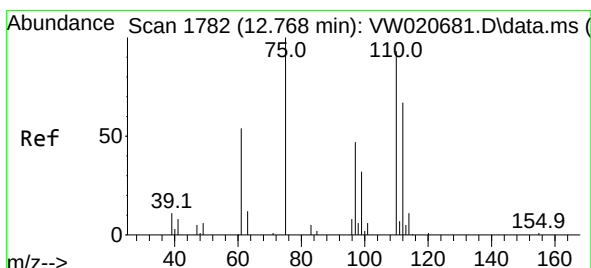
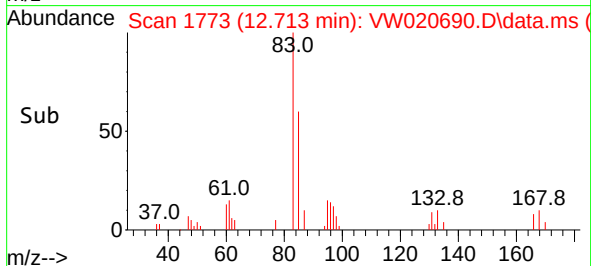
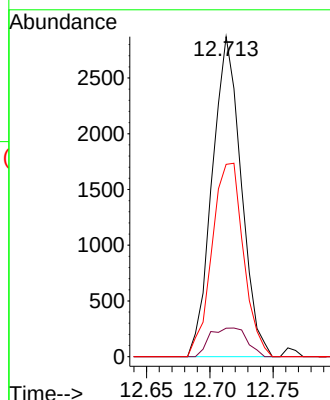
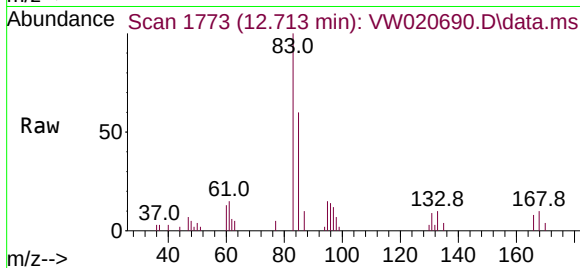




#75
1,1,2,2-Tetrachloroethane
Concen: 4.941 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

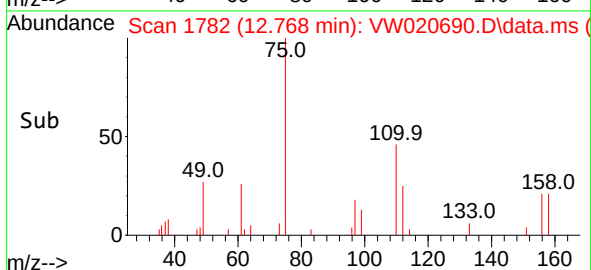
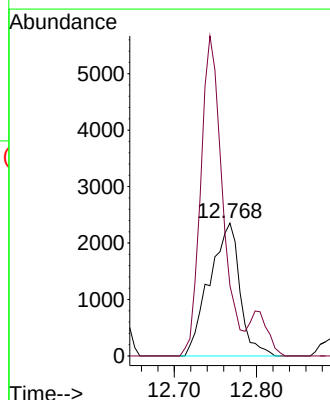
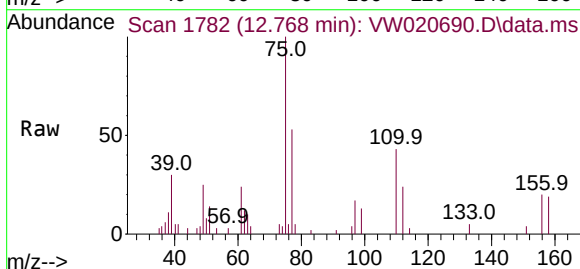
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

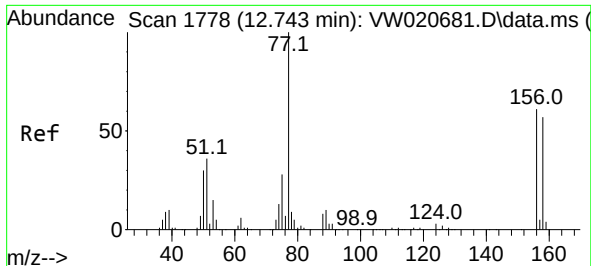
Tgt Ion:	83	Resp:	4565
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.8	17.3
85	65.8	31.8	95.4



#76
1,2,3-Trichloropropane
Concen: 7.981 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	75	Resp:	6054
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

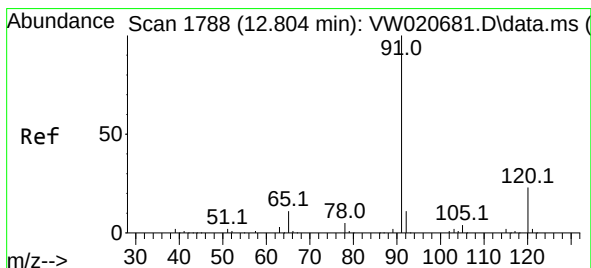
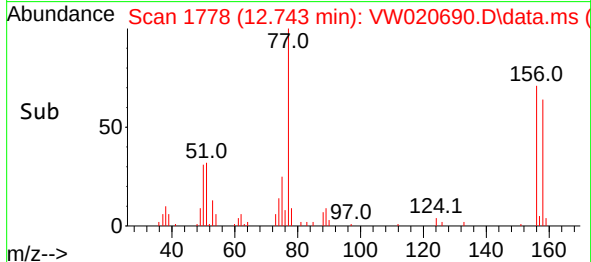
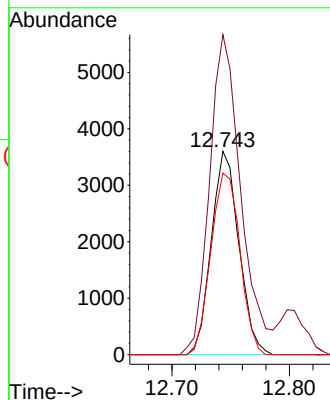
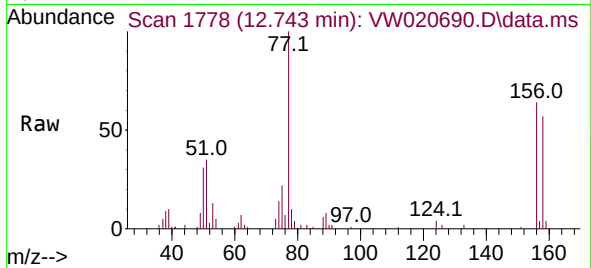




#77
Bromobenzene
Concen: 4.963 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

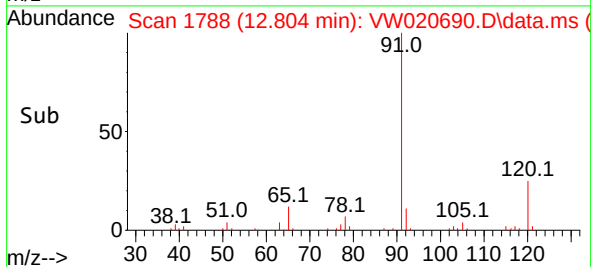
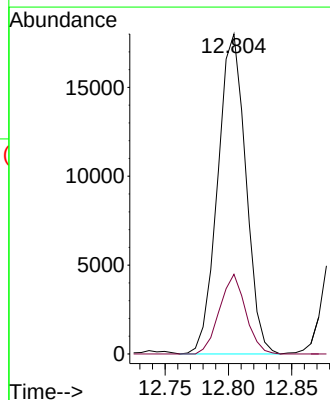
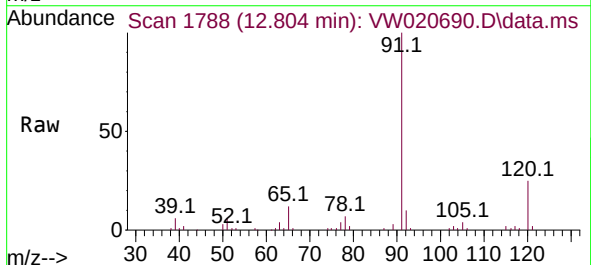
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

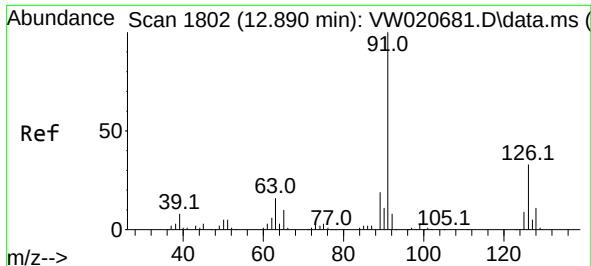
Tgt Ion:156 Resp: 5871
Ion Ratio Lower Upper
156 100
77 179.3 91.8 275.6
158 94.1 47.9 143.8



#78
n-propylbenzene
Concen: 4.581 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 91 Resp: 27745
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0

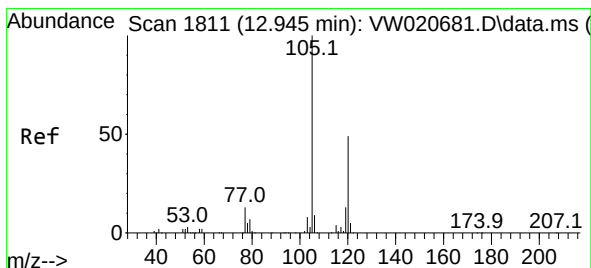
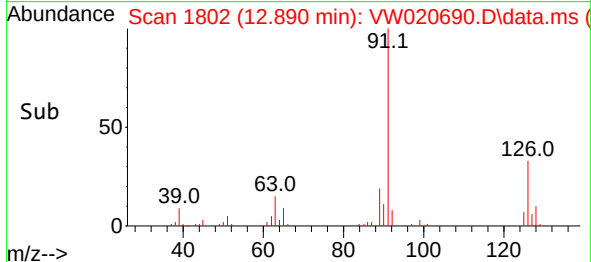
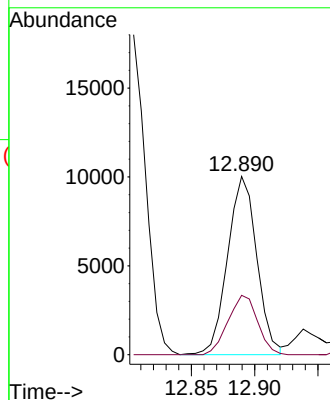
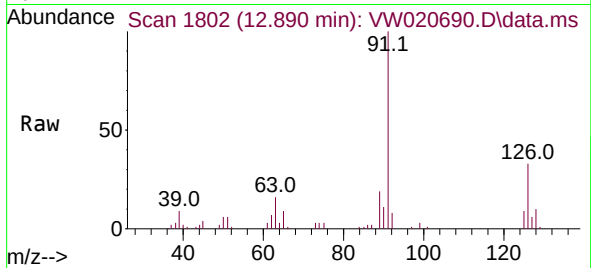




#79
2-Chlorotoluene
Concen: 4.638 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

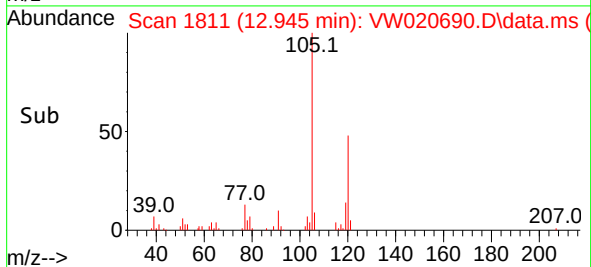
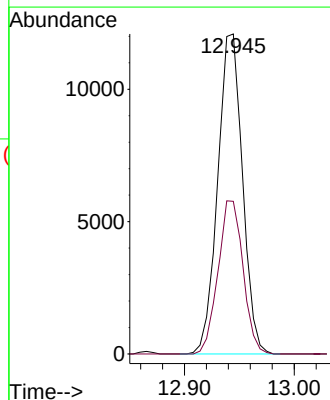
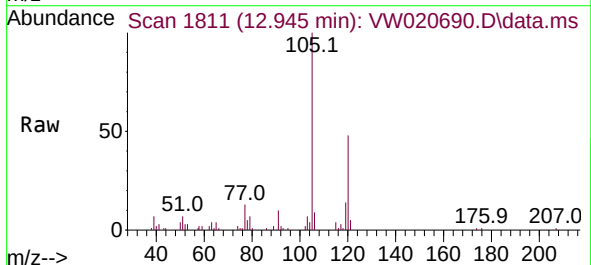
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

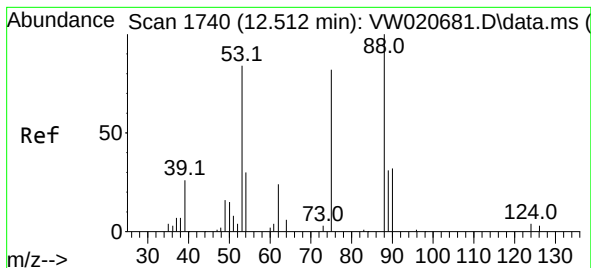
Tgt Ion: 91 Resp: 16159
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 4.457 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 105 Resp: 18999
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9

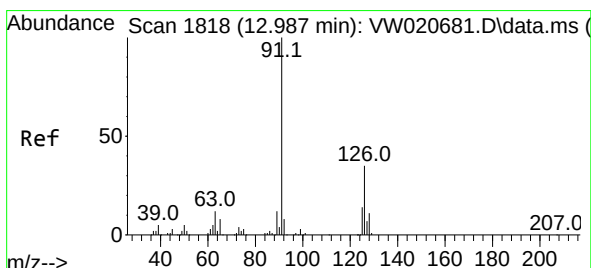
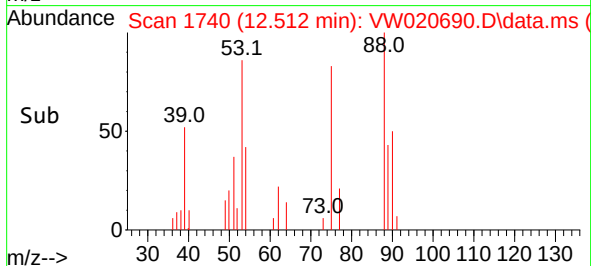
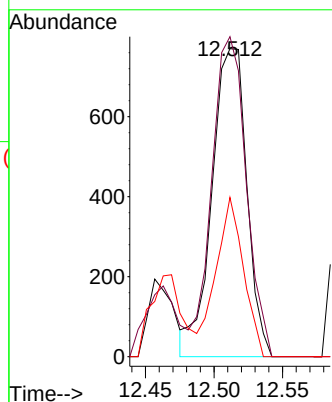
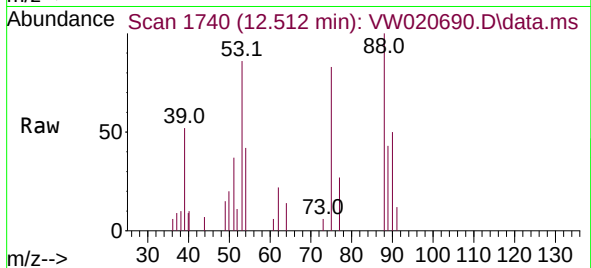




#81
trans-1,4-Dichloro-2-butene
Concen: 4.623 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

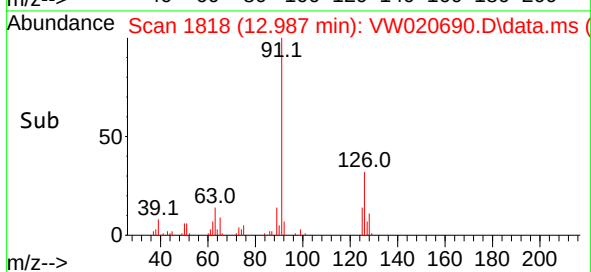
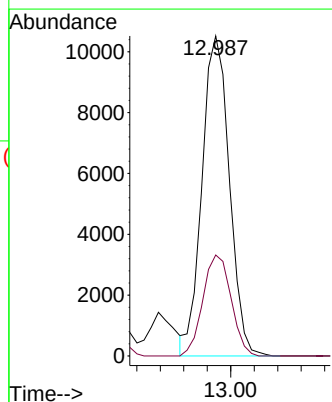
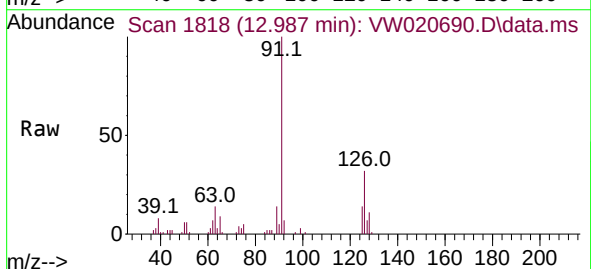
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

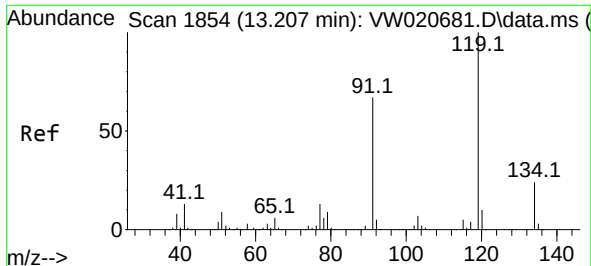
Tgt Ion:	75	Resp:	1365
Ion	Ratio	Lower	Upper
75	100		
53	102.0	83.7	125.5
89	40.7	36.7	55.1



#82
4-Chlorotoluene
Concen: 4.643 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	91	Resp:	17016
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.8	50.4

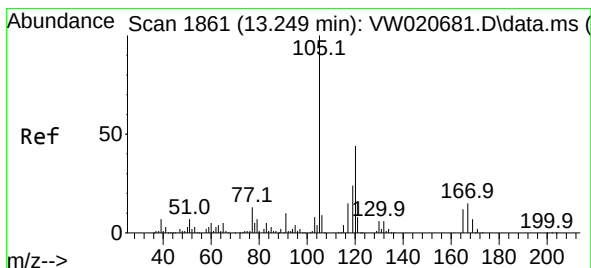
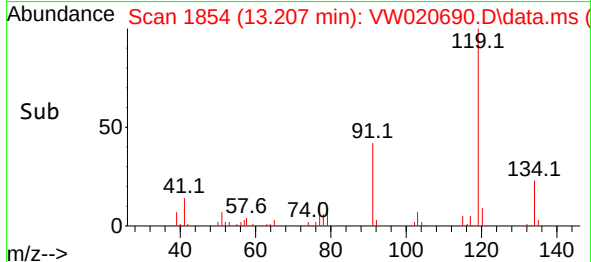
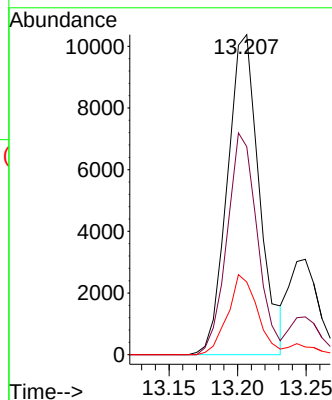
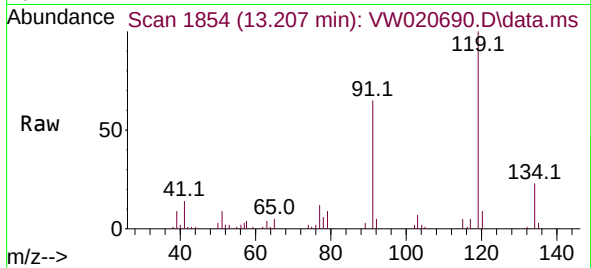




#83
tert-Butylbenzene
Concen: 4.596 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

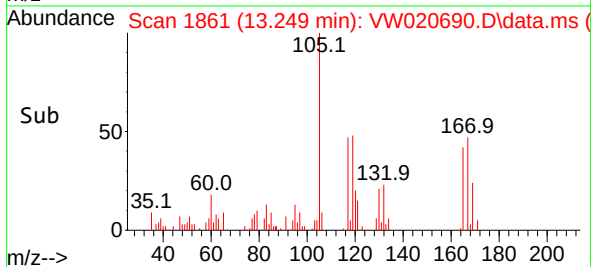
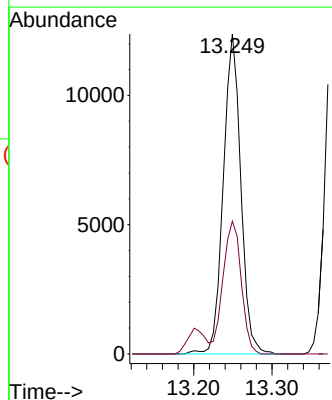
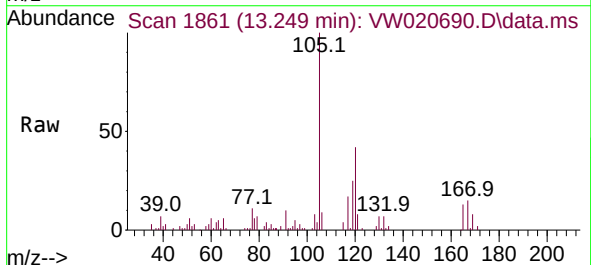
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

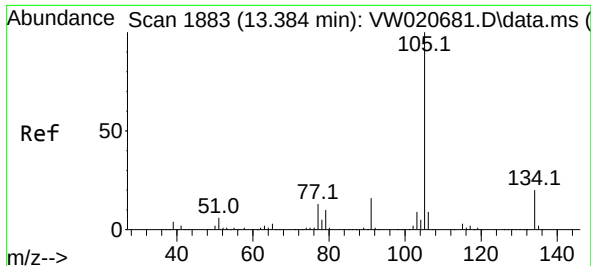
Tgt Ion:	119	Resp:	16906
Ion	Ratio	Lower	Upper
119	100		
91	65.5	32.9	98.7
134	23.1	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 4.557 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	105	Resp:	19230
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.6	67.7

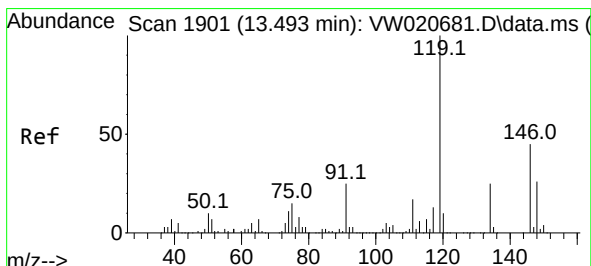
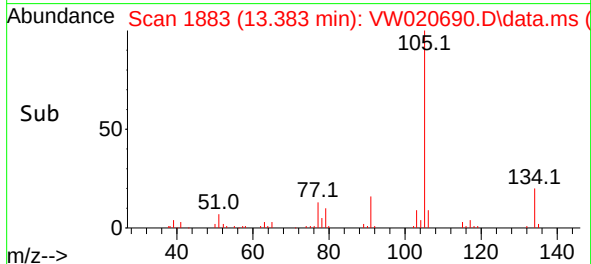
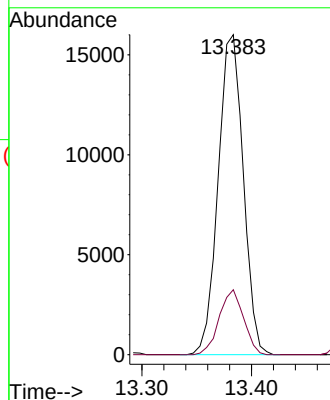
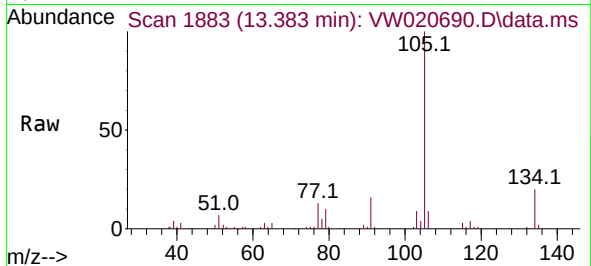




#85
 sec-Butylbenzene
 Concen: 4.617 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

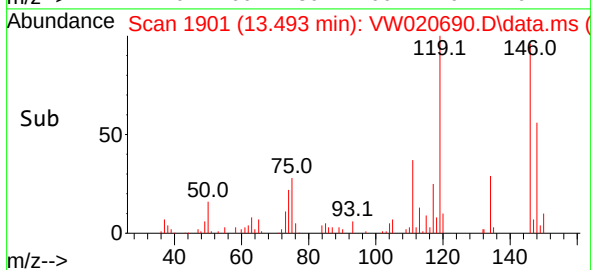
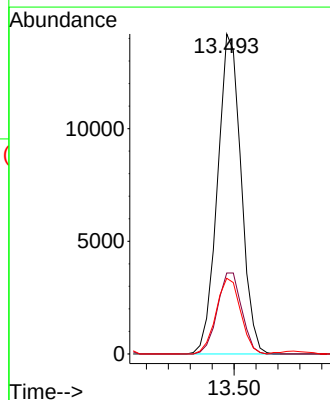
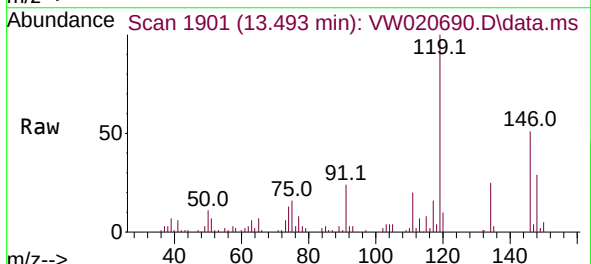
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

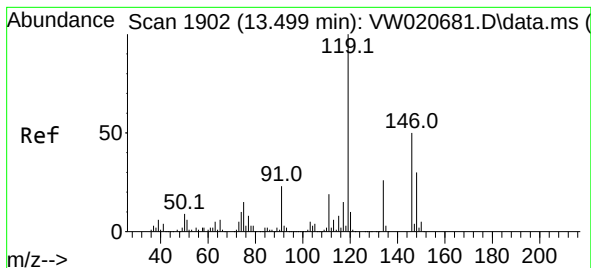
Tgt Ion:105 Resp: 25475
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 4.515 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020690.D
 Acq: 22 Oct 2021 18:49

Tgt Ion:119 Resp: 21193
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.6 12.0 36.0



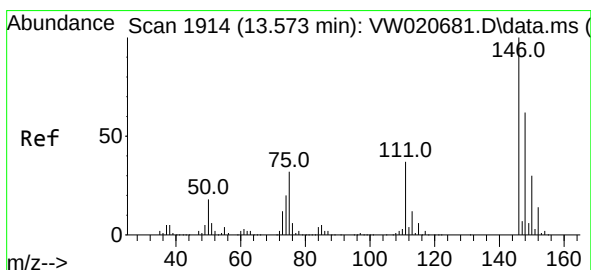
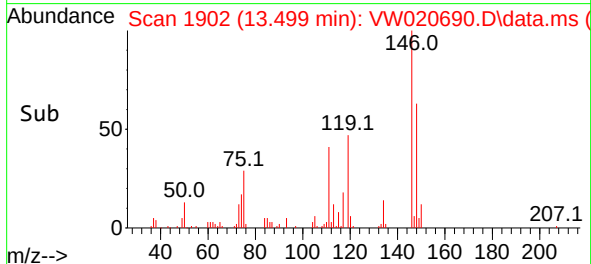
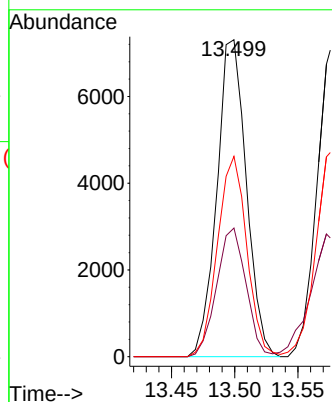
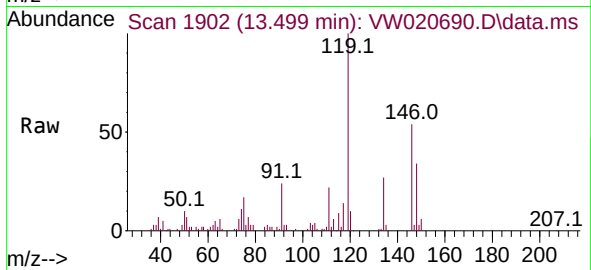


#87

1,3-Dichlorobenzene
Concen: 4.860 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

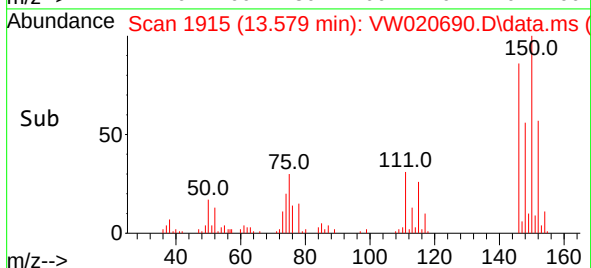
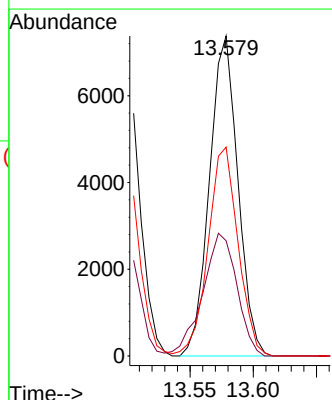
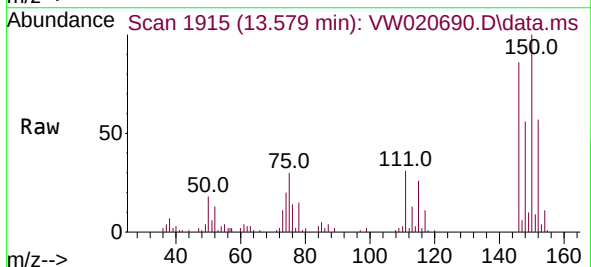
Tgt Ion:146 Resp: 11832
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 62.8 30.8 92.3

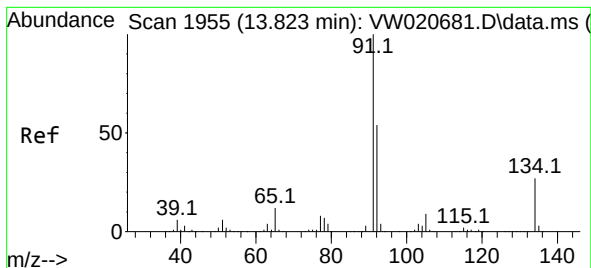


#88

1,4-Dichlorobenzene
Concen: 4.745 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:146 Resp: 11535
Ion Ratio Lower Upper
146 100
111 46.2 19.4 58.4
148 68.8 32.4 97.2

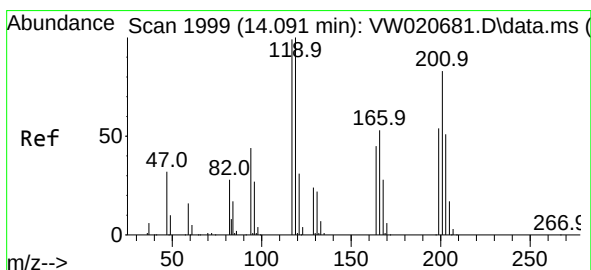
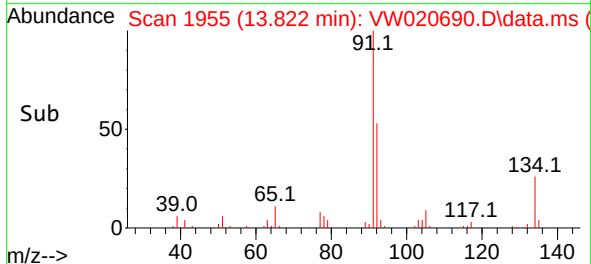
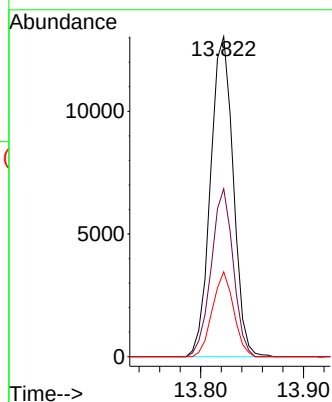
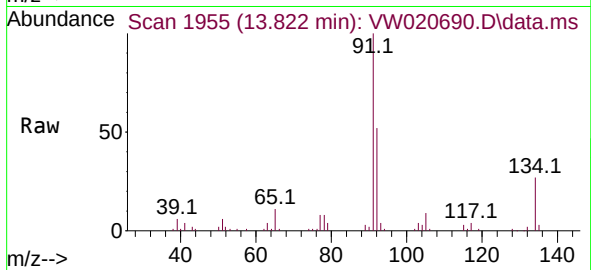




#89
n-Butylbenzene
Concen: 4.595 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

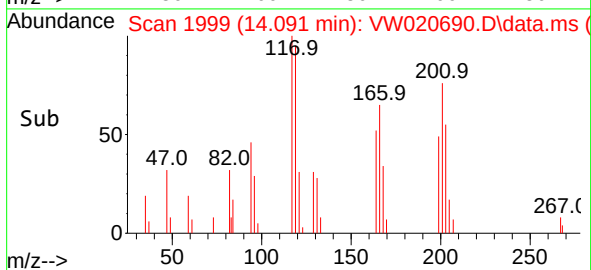
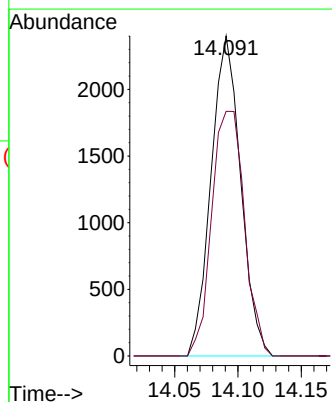
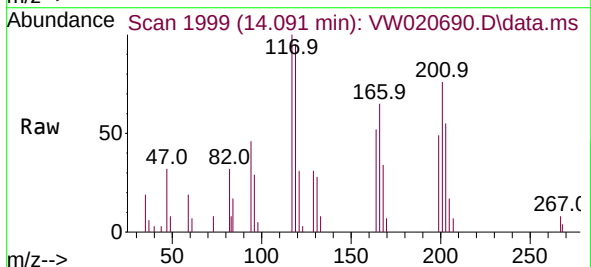
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

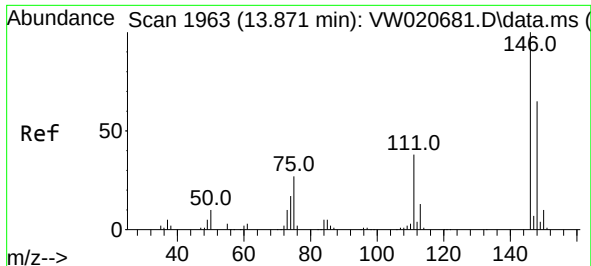
Tgt Ion: 91	Resp: 20003
Ion Ratio	Lower Upper
91 100	
92 51.0	27.1 81.2
134 24.8	13.4 40.1



#90
Hexachloroethane
Concen: 4.766 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion: 117	Resp: 3905
Ion Ratio	Lower Upper
117 100	
201 84.4	42.4 127.3

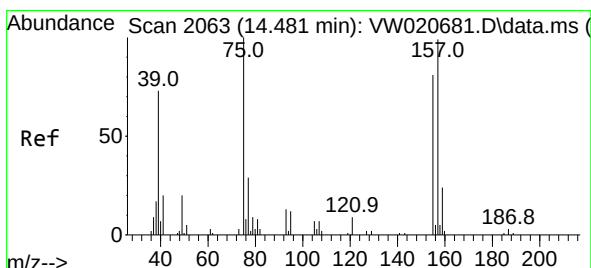
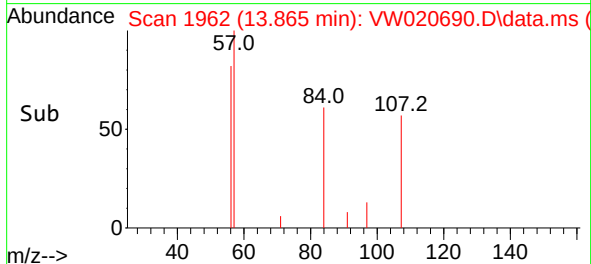
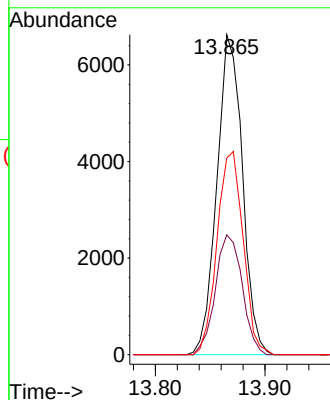
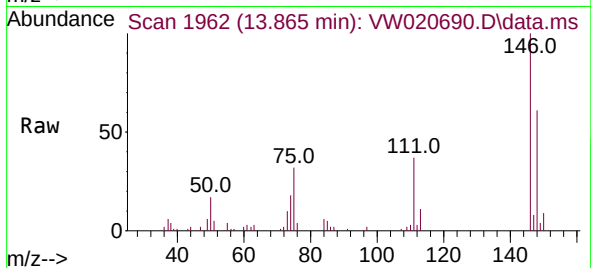




#91
1,2-Dichlorobenzene
Concen: 4.963 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

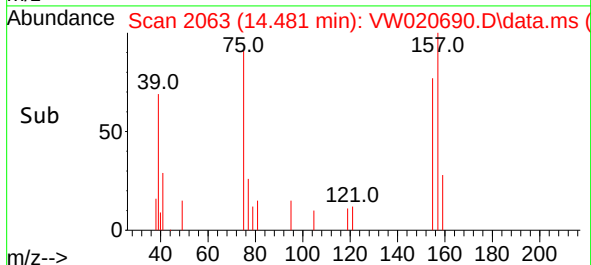
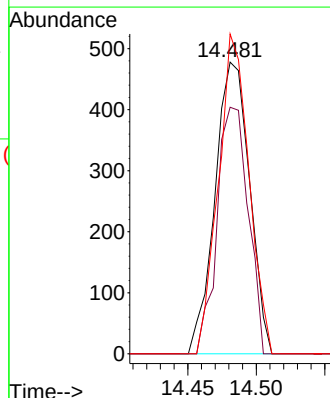
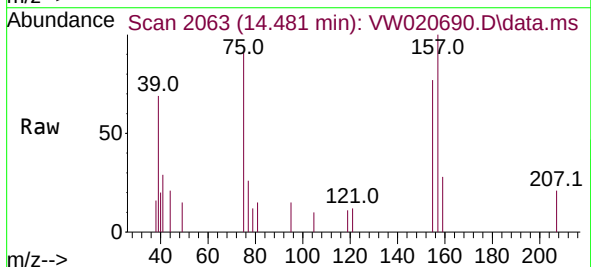
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

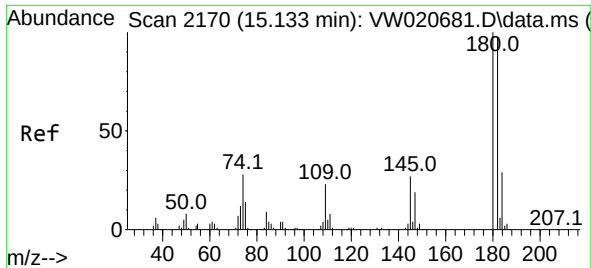
Tgt Ion:	146	Resp:	10729
Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.4	61.3
148	64.9	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.037 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion:	75	Resp:	840
Ion	Ratio	Lower	Upper
75	100		
155	75.8	42.5	127.6
157	96.4	53.4	160.2

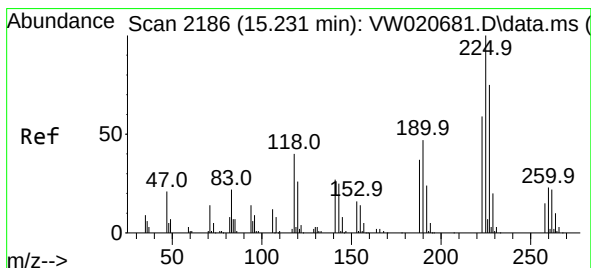
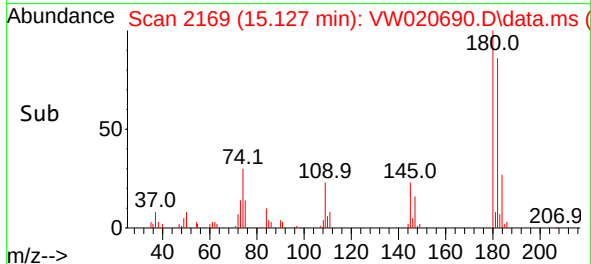
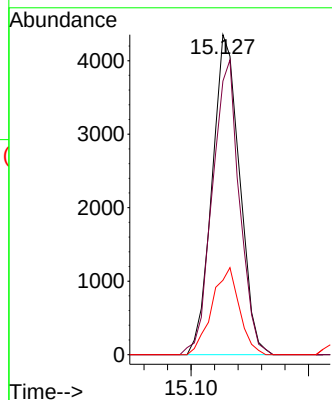
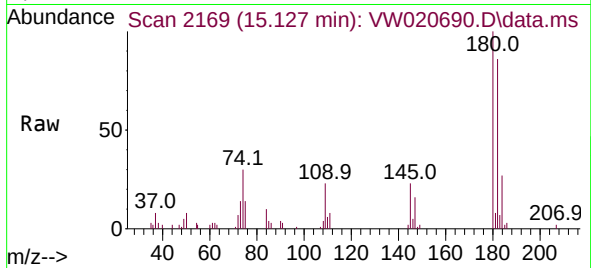




#93
1,2,4-Trichlorobenzene
Concen: 4.930 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

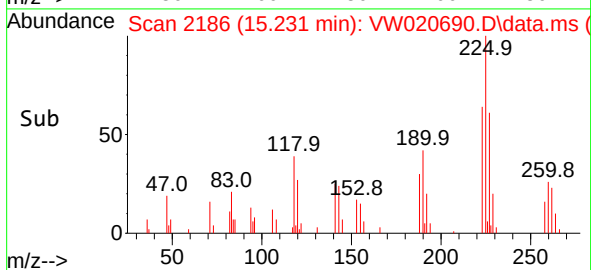
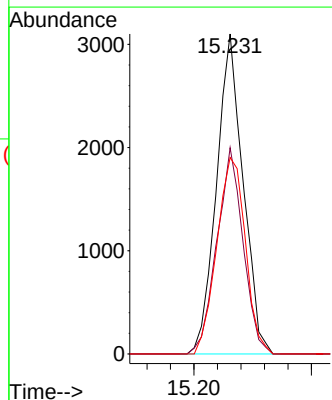
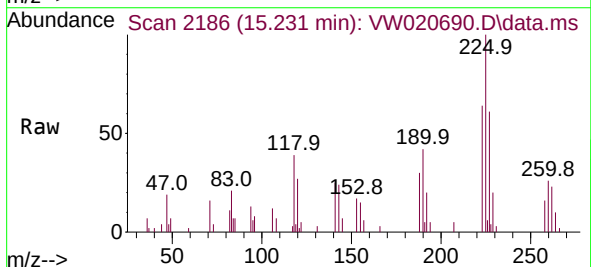
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

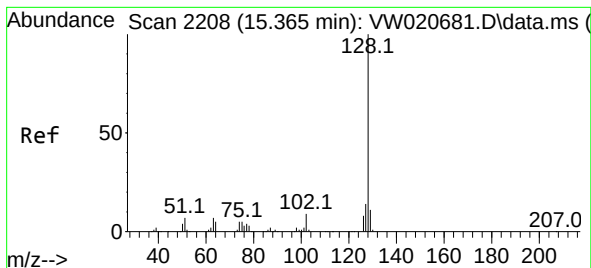
Tgt Ion:180 Resp: 7070
Ion Ratio Lower Upper
180 100
182 90.6 49.4 148.2
145 27.1 15.2 45.6



#94
Hexachlorobutadiene
Concen: 5.244 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

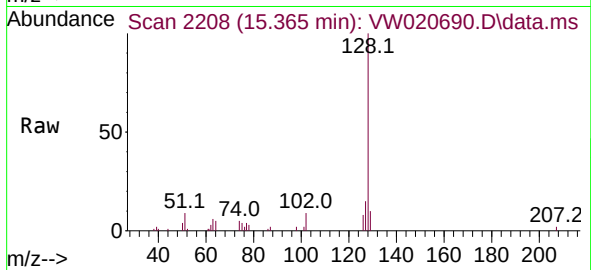
Tgt Ion:225 Resp: 4870
Ion Ratio Lower Upper
225 100
223 63.5 29.8 89.5
227 66.0 32.8 98.4



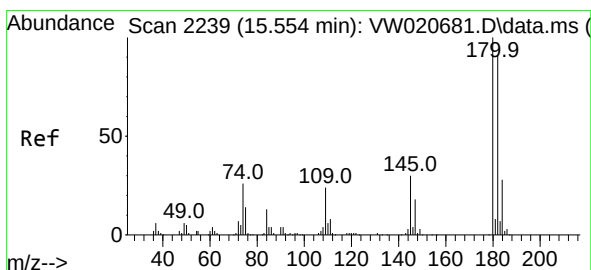
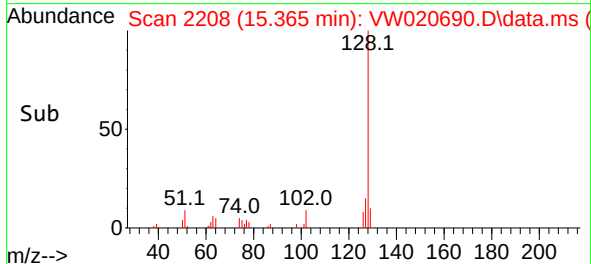
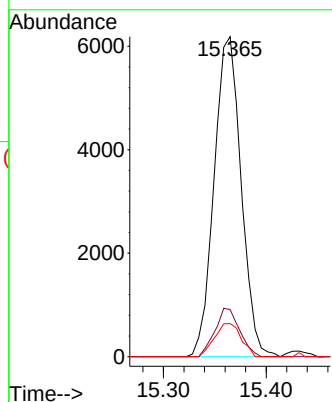


#95
Naphthalene
Concen: 4.414 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.1	16.7
129	10.1	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.790 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020690.D
Acq: 22 Oct 2021 18:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.4	139.2
145	32.7	15.7	47.0

