

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW020000.D
 Acq On : 08 Sep 2021 14:10
 Operator : SY/VA
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Quant Time: Sep 09 04:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 04:27:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	181090	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	303262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	276250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	137828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	104278	49.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.891	113	94656	47.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.329	98	361693	48.857	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.615	95	128612	46.952	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	4502	4.094	ug/l	98
3) Chloromethane	2.215	50	9063	5.536	ug/l	98
4) Vinyl Chloride	2.373	62	13642	5.139	ug/l	98
5) Bromomethane	2.788	94	11140	5.177	ug/l	99
6) Chloroethane	2.928	64	9168	5.014	ug/l	99
7) Trichlorofluoromethane	3.270	101	7428	4.891	ug/l	99
8) Diethyl Ether	3.690	74	4481	4.818	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.080	101	10238	5.163	ug/l	99
10) Methyl Iodide	4.288	142	13325	4.907	ug/l	98
11) Tert butyl alcohol	5.178	59	3601	35.787	ug/l	# 80
12) 1,1-Dichloroethene	4.050	96	9646	5.162	ug/l	92
13) Acrolein	3.897	56	2057	26.828	ug/l	97
14) Allyl chloride	4.678	41	12506	4.921	ug/l	98
15) Acrylonitrile	5.379	53	9453	24.393	ug/l	95
16) Acetone	4.129	43	11197	33.161	ug/l	95
17) Carbon Disulfide	4.397	76	28130	4.947	ug/l	98
18) Methyl Acetate	4.678	43	5485	5.722	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	11800	4.787	ug/l	# 91
20) Methylene Chloride	4.922	84	34017	13.397	ug/l	97
21) trans-1,2-Dichloroethene	5.434	96	10785	5.082	ug/l	98
22) Diisopropyl ether	6.312	45	24046	4.465	ug/l	# 88
23) Vinyl Acetate	6.263	43	62675	21.334	ug/l	100
24) 1,1-Dichloroethane	6.226	63	19554	5.128	ug/l	97
25) 2-Butanone	7.183	43	13586	28.065	ug/l	96
26) 2,2-Dichloropropane	7.165	77	13725	5.952	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	11131	4.911	ug/l	91
28) Bromochloromethane	7.513	49	7825	5.170	ug/l	93
29) Tetrahydrofuran	7.537	42	7366	24.458	ug/l	97
30) Chloroform	7.683	83	20131	5.010	ug/l	98
31) Cyclohexane	7.964	56	19488	5.686	ug/l	# 92
32) 1,1,1-Trichloroethane	7.878	97	16474	5.067	ug/l	97
36) 1,1-Dichloropropene	8.092	75	15419	4.833	ug/l	99
37) Ethyl Acetate	7.257	43	6477	5.522	ug/l	99
38) Carbon Tetrachloride	8.074	117	15493	4.763	ug/l	99
39) Methylcyclohexane	9.335	83	16234	4.391	ug/l	94
40) Benzene	8.330	78	42657	4.854	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	3201	4.930	ug/l #	69
42) 1,2-Dichloroethane	8.403	62	13323	4.938	ug/l	99
43) Isopropyl Acetate	8.433	43	10631	4.776	ug/l	100
44) Trichloroethene	9.098	130	11253	4.880	ug/l	99
45) 1,2-Dichloropropane	9.372	63	10308	4.824	ug/l	100
46) Dibromomethane	9.464	93	5653	4.690	ug/l	96
47) Bromodichloromethane	9.646	83	14008	4.664	ug/l	97
48) Methyl methacrylate	9.439	41	4071	4.180	ug/l	94
49) 1,4-Dioxane	9.457	88	1435	93.205	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	28059	24.309	ug/l	97
52) Toluene	10.390	92	27380	4.921	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	12549	4.356	ug/l	93
54) cis-1,3-Dichloropropene	10.073	75	14411	4.297	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	8017	4.907	ug/l	96
56) Ethyl methacrylate	10.646	69	7734	4.232	ug/l	96
57) 1,3-Dichloropropane	10.933	76	13343	4.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	19921	23.881	ug/l	99
59) 2-Hexanone	10.969	43	17356	22.500	ug/l	96
60) Dibromochloromethane	11.128	129	8972	4.744	ug/l	95
61) 1,2-Dibromoethane	11.238	107	7383	4.827	ug/l	97
64) Tetrachloroethene	10.860	164	9877	5.153	ug/l	92
65) Chlorobenzene	11.658	112	29304	4.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	9923	4.689	ug/l	97
67) Ethyl Benzene	11.731	91	47622	4.546	ug/l	97
68) m/p-Xylenes	11.841	106	36427	8.812	ug/l	99
69) o-Xylene	12.164	106	16480	4.351	ug/l	95
70) Styrene	12.183	104	25600	3.988	ug/l	98
71) Bromoform	12.353	173	4744	4.554	ug/l #	97
73) Isopropylbenzene	12.463	105	43481	4.459	ug/l	100
74) N-amyl acetate	12.274	43	8407	4.200	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	9341	5.216	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	11831	9.241	ug/l #	100
77) Bromobenzene	12.750	156	11454	5.063	ug/l	98
78) n-propylbenzene	12.804	91	57428	4.676	ug/l	100
79) 2-Chlorotoluene	12.890	91	33703	4.715	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	37650	4.380	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2424	4.583	ug/l	97
82) 4-Chlorotoluene	12.987	91	35293	4.697	ug/l	97
83) tert-Butylbenzene	13.207	119	31786	4.414	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	37702	4.478	ug/l	99
85) sec-Butylbenzene	13.384	105	50085	4.582	ug/l	100
86) p-Isopropyltoluene	13.499	119	40431	4.392	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	23000	4.795	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	24229	5.090	ug/l	96
89) n-Butylbenzene	13.823	91	39396	4.467	ug/l	98
90) Hexachloroethane	14.091	117	8001	4.548	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	20764	4.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1503	5.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	11986	4.719	ug/l	98
94) Hexachlorobutadiene	15.231	225	7177	4.757	ug/l	93
95) Naphthalene	15.365	128	19227	4.375	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	10771	4.838	ug/l	98

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ClientSampleId :
LOQ-SOIL-02-QT3-2021

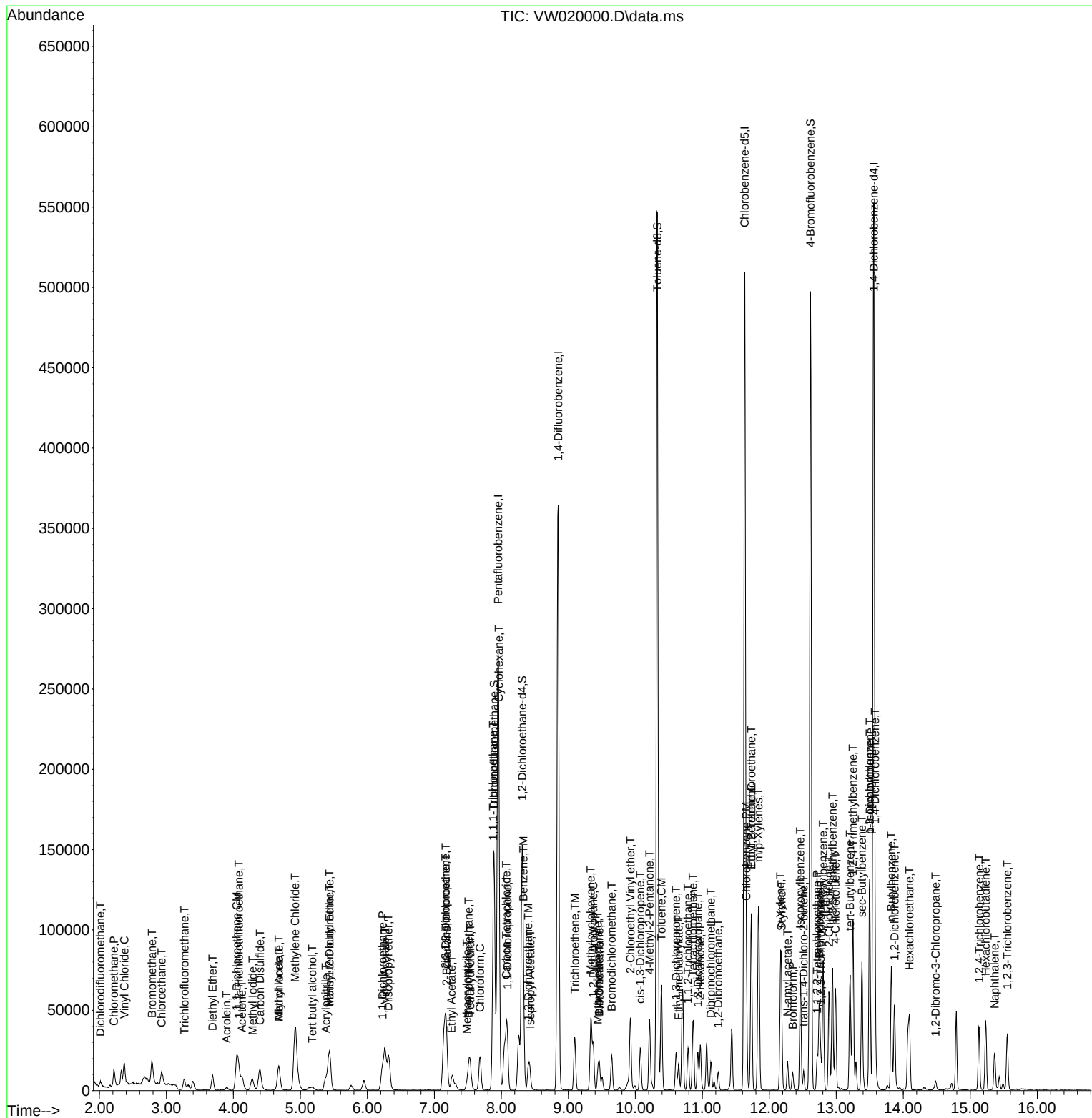
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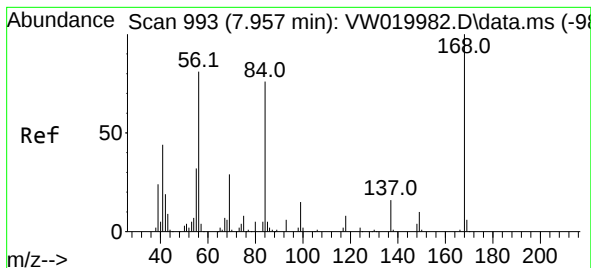
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-OT3-2021

Quant Time: Sep 09 04:28:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 04:27:17 2021
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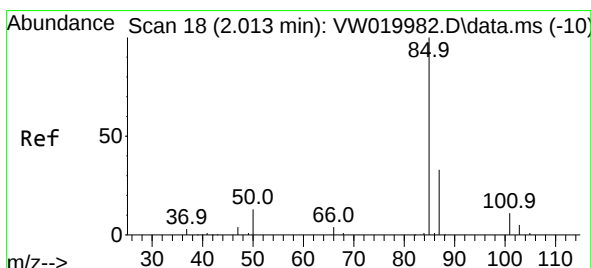
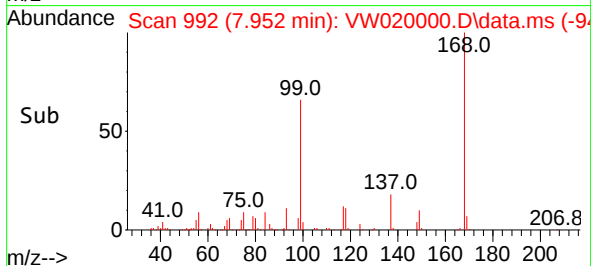
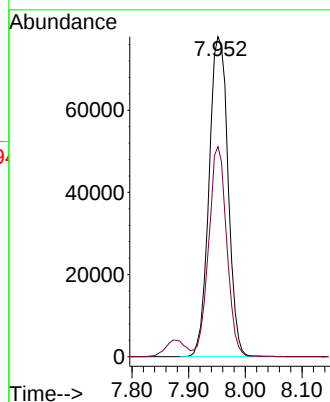
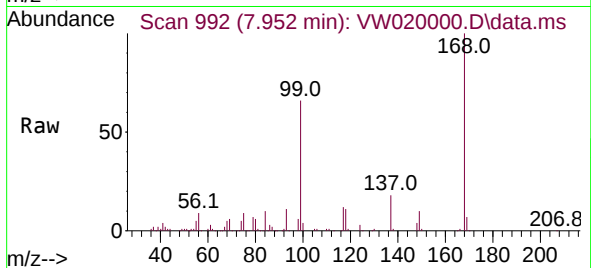




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.005 min
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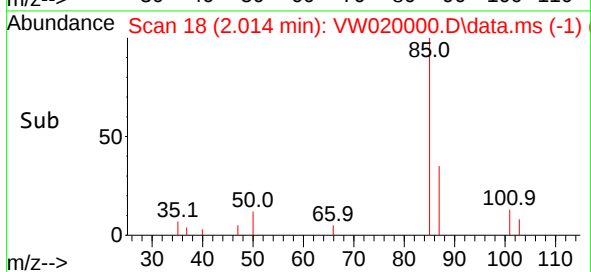
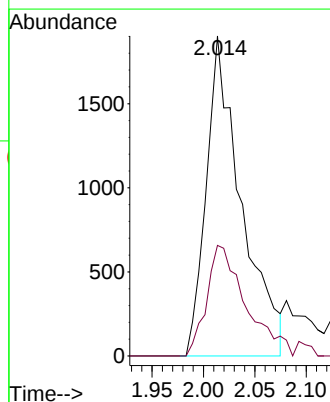
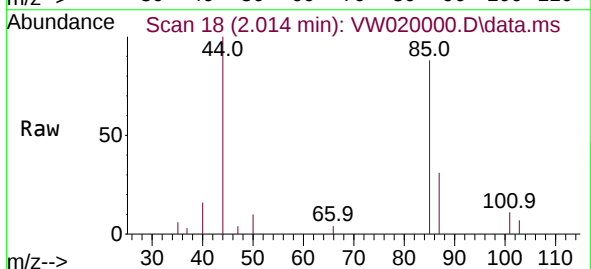
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

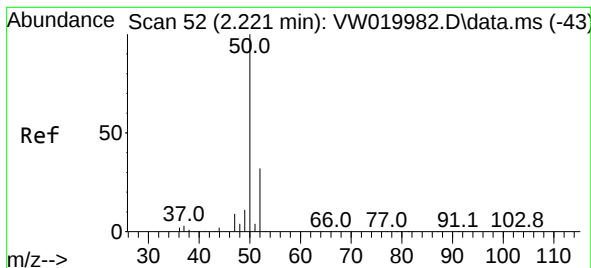
Tgt Ion:168 Resp: 181090
Ion Ratio Lower Upper
168 100
99 65.5 42.9 64.3#



#2
Dichlorodifluoromethane
Concen: 4.094 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 85 Resp: 4502
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.0





#3

Chloromethane

Concen: 5.536 ug/l

RT: 2.215 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW020000.D

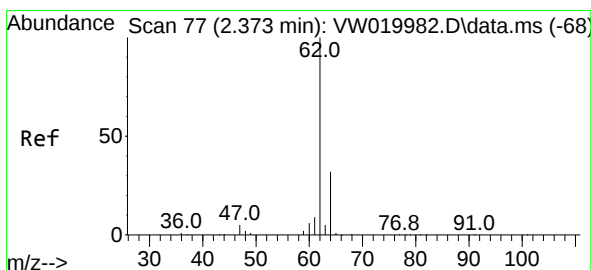
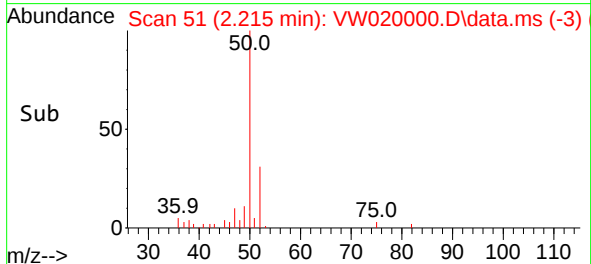
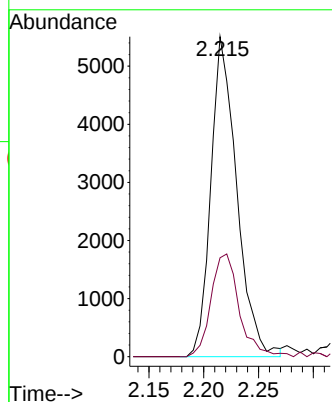
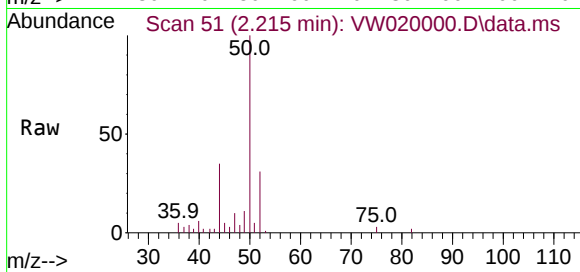
Acq: 08 Sep 2021 14:10

Tgt Ion: 50 Resp: 9063

Ion Ratio Lower Upper

50 100

52 30.9 25.5 38.3



#4

Vinyl Chloride

Concen: 5.139 ug/l

RT: 2.373 min Scan# 77

Delta R.T. 0.000 min

Lab File: VW020000.D

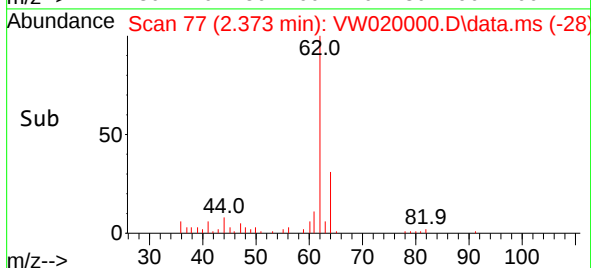
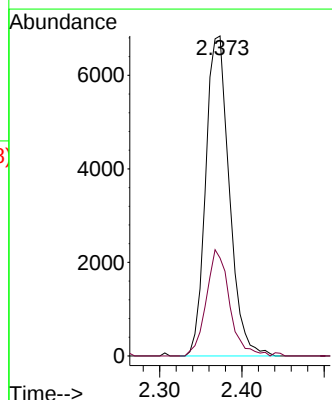
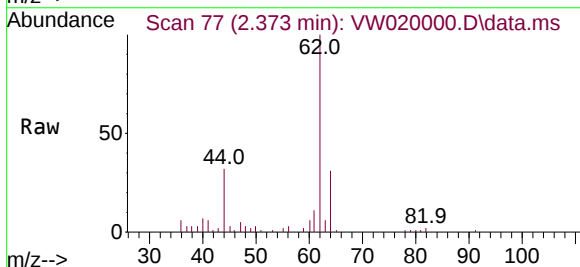
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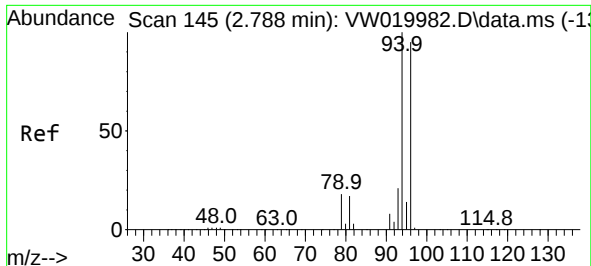
Tgt Ion: 62 Resp: 13642

Ion Ratio Lower Upper

62 100

64 30.6 25.3 37.9

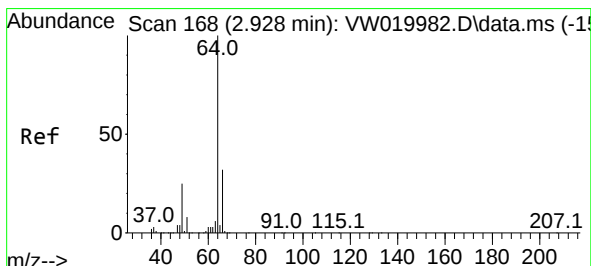
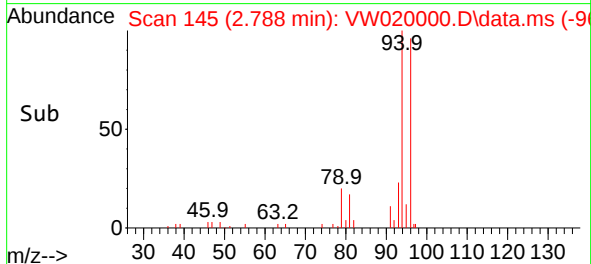
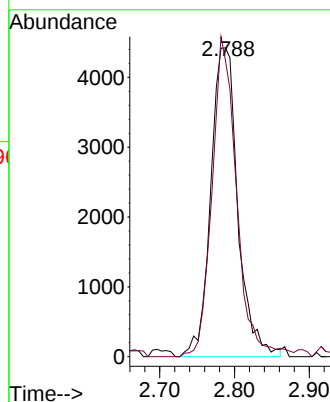
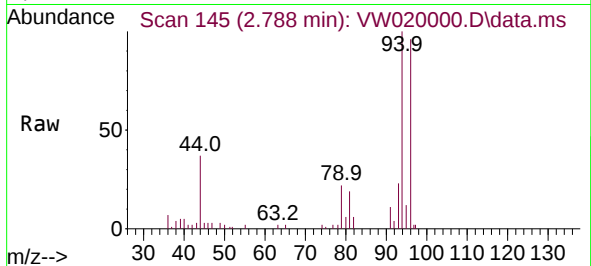




#5
Bromomethane
Concen: 5.177 ug/l
RT: 2.788 min Scan# 145
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

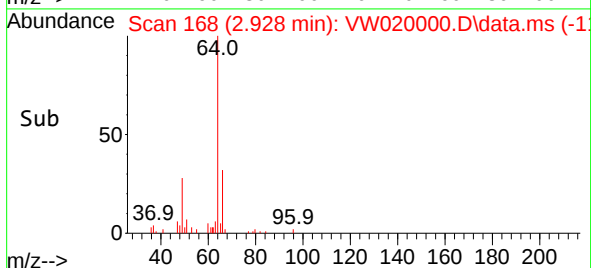
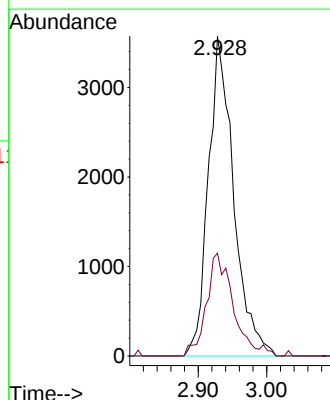
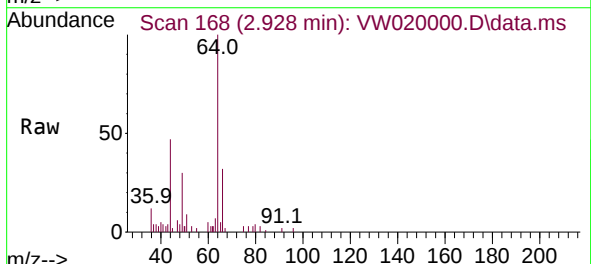
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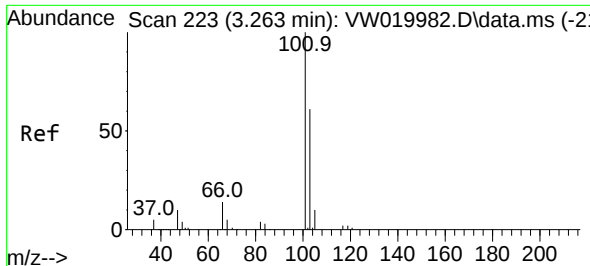
Tgt Ion: 94 Resp: 11140
Ion Ratio Lower Upper
94 100
96 95.9 75.7 113.5



#6
Chloroethane
Concen: 5.014 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 64 Resp: 9168
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

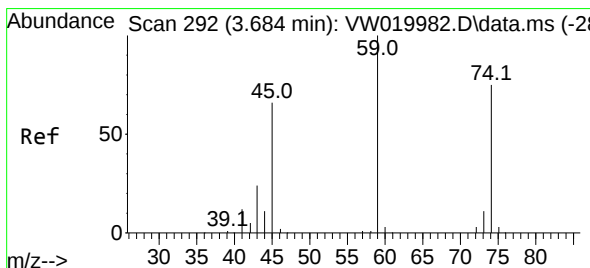
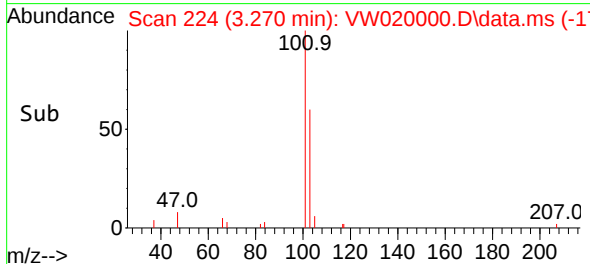
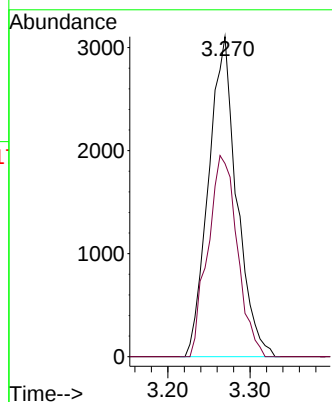
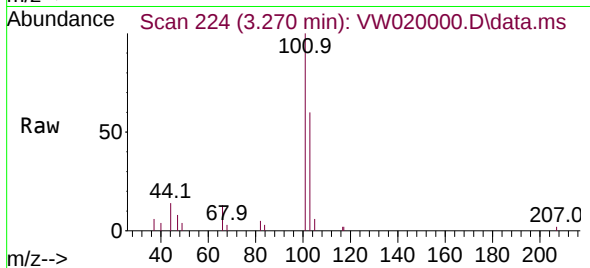




#7
Trichlorofluoromethane
Concen: 4.891 ug/l
RT: 3.270 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

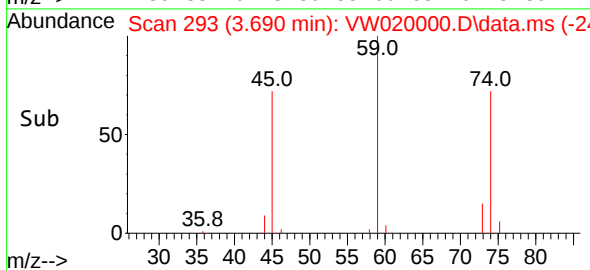
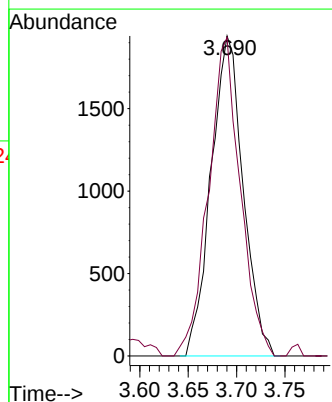
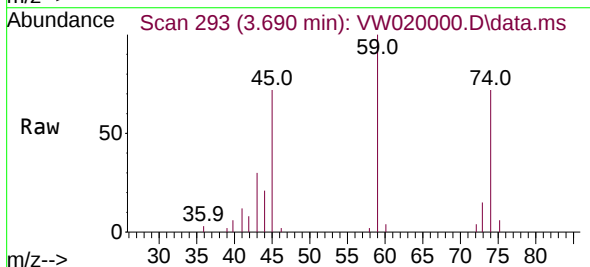
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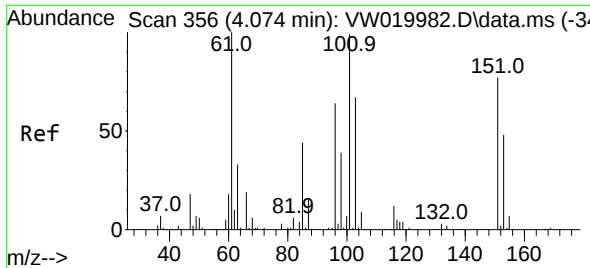
Tgt Ion:101 Resp: 7428
Ion Ratio Lower Upper
101 100
103 60.4 48.8 73.2



#8
Diethyl Ether
Concen: 4.818 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.006 min
Lab File: VW020000.D
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Tgt Ion: 74 Resp: 4481
Ion Ratio Lower Upper
74 100
45 98.3 44.5 133.7

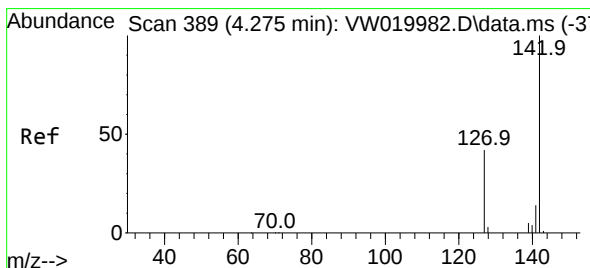
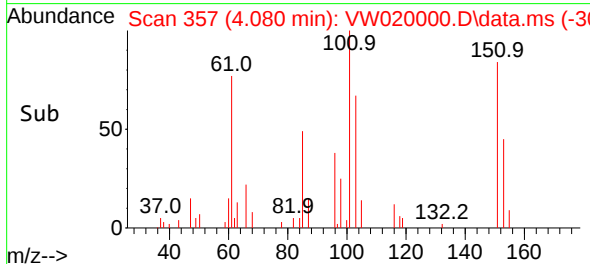
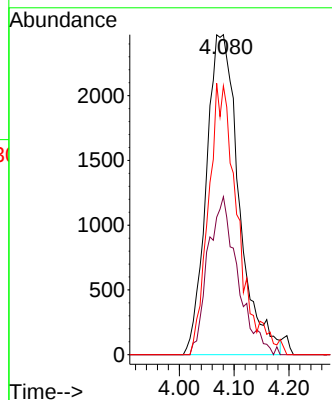
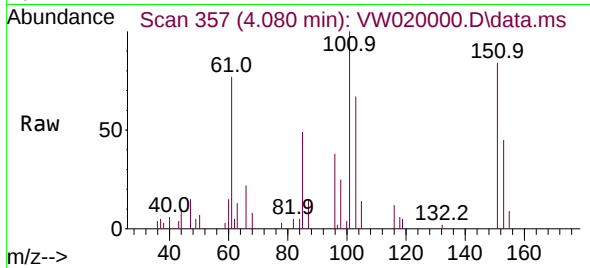




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.163 ug/l
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

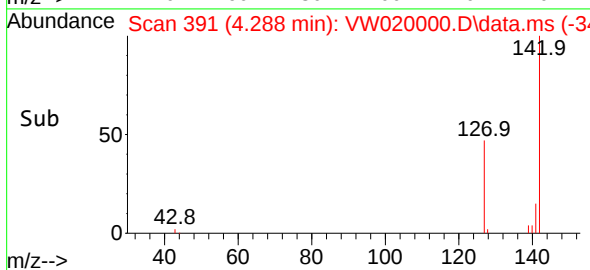
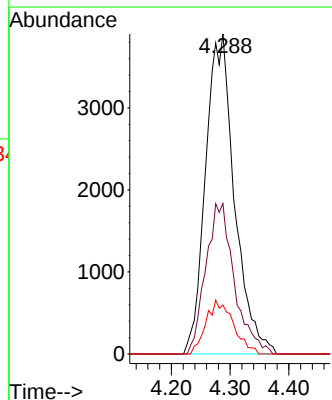
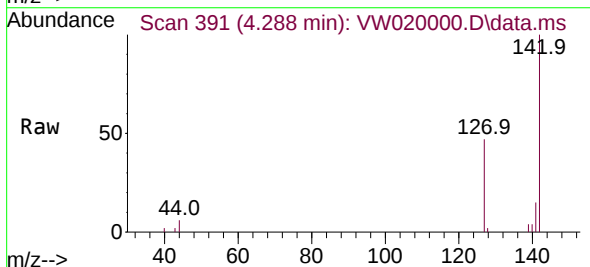
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

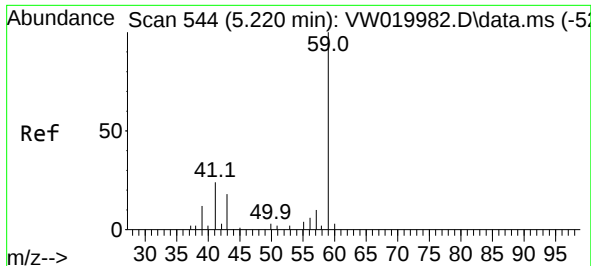
Tgt Ion:	101	Resp:	10238
Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.6	54.8
151	76.0	59.9	89.9



#10
Methyl Iodide
Concen: 4.907 ug/l
RT: 4.288 min Scan# 391
Delta R.T. 0.012 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:	142	Resp:	13325
Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.4	54.6
141	15.9	11.8	17.8

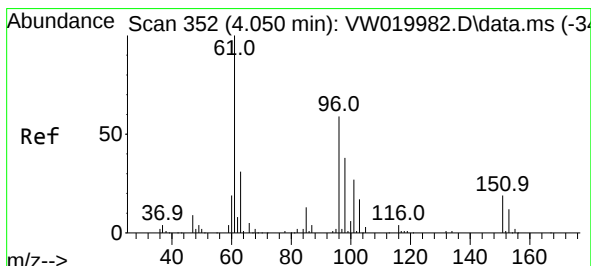
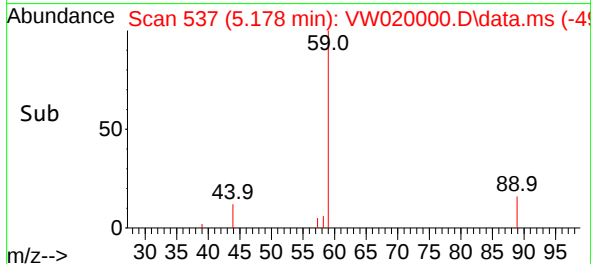
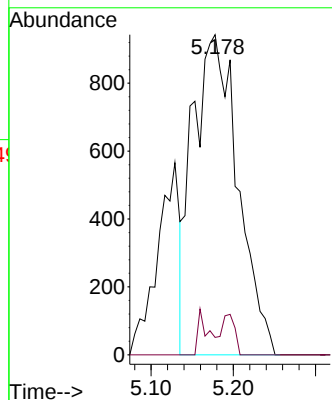
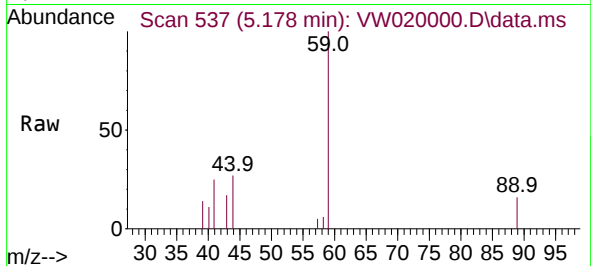




#11
Tert butyl alcohol
Concen: 35.787 ug/l
RT: 5.178 min Scan# 537
Delta R.T. -0.042 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

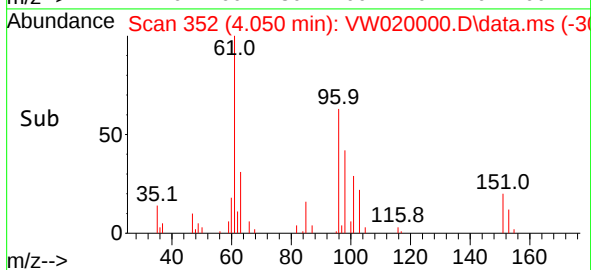
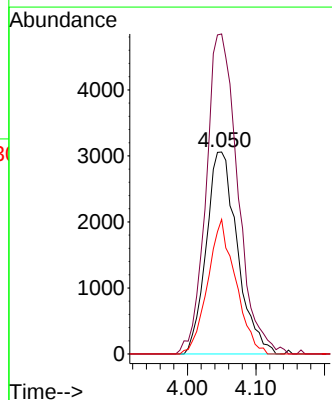
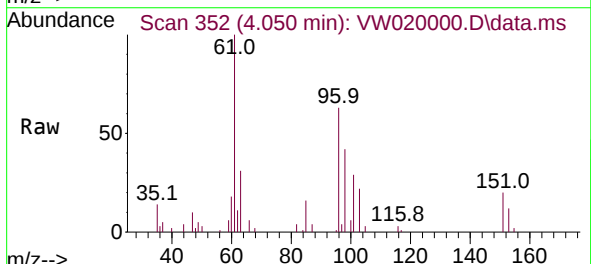
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

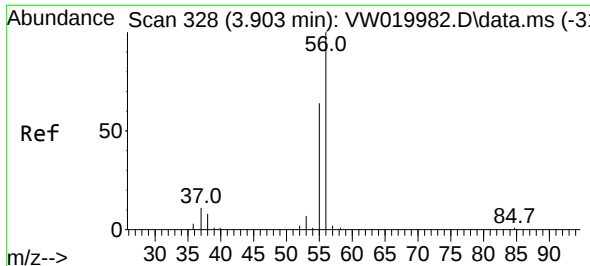
Tgt Ion: 59 Resp: 3601
Ion Ratio Lower Upper
59 100
57 3.2 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 5.162 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

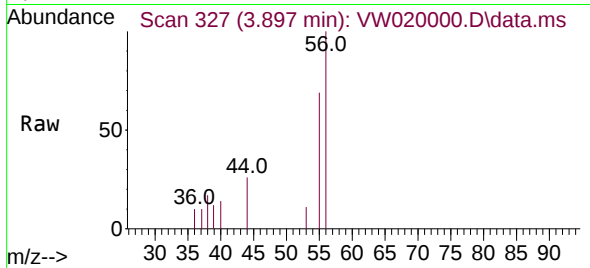
Tgt Ion: 96 Resp: 9646
Ion Ratio Lower Upper
96 100
61 156.7 136.0 204.0
98 66.7 51.5 77.3



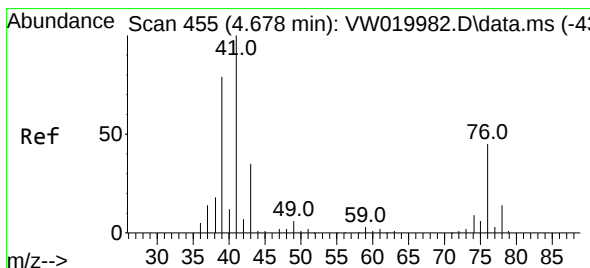
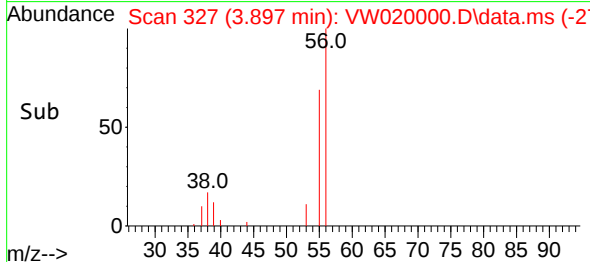
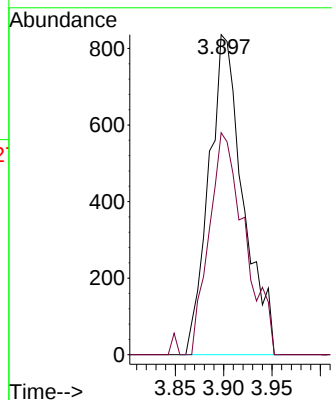


#13
Acrolein
Concen: 26.828 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

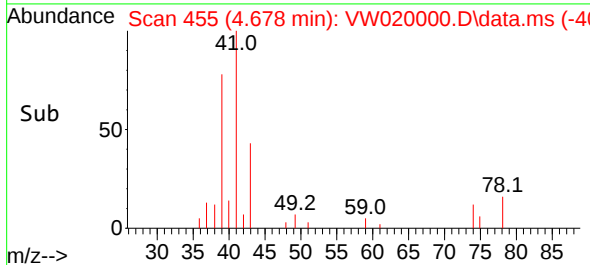
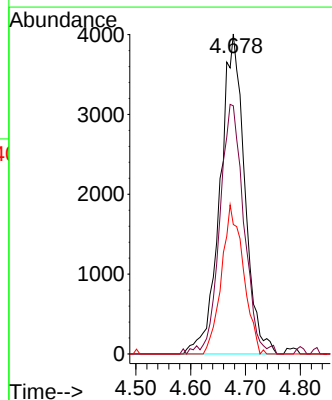
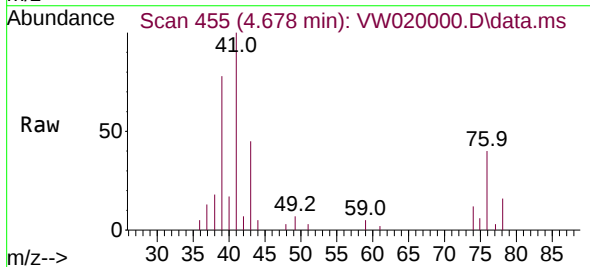


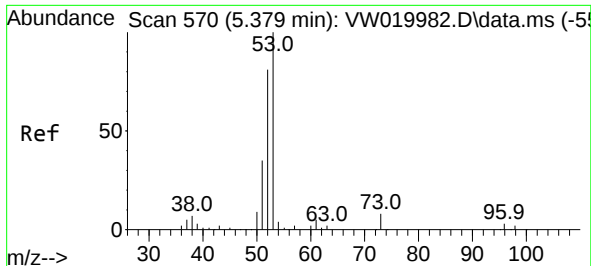
Tgt Ion: 56 Resp: 2057
Ion Ratio Lower Upper
56 100
55 72.6 56.2 84.2



#14
Allyl chloride
Concen: 4.921 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 41 Resp: 12506
Ion Ratio Lower Upper
41 100
39 76.7 62.5 93.7
76 41.3 33.8 50.8

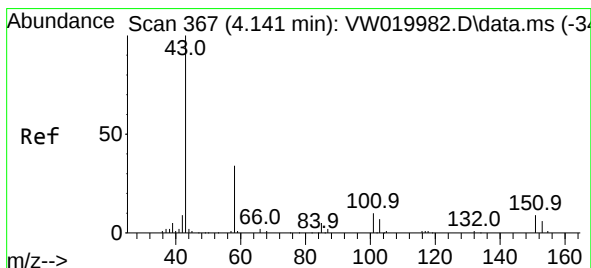
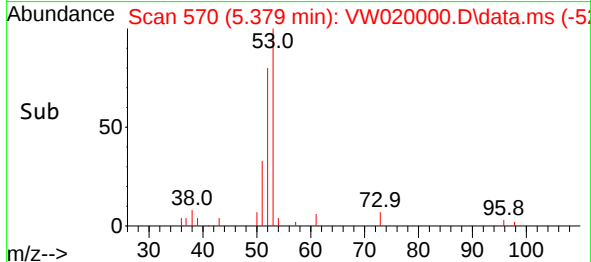
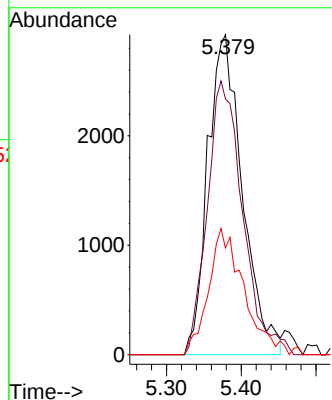
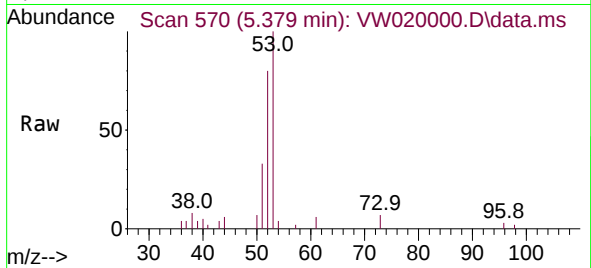




#15
Acrylonitrile
Concen: 24.393 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

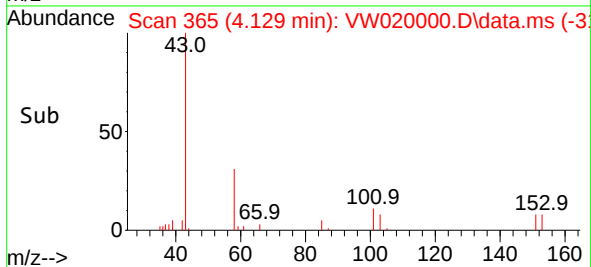
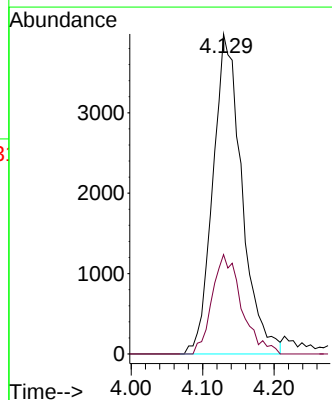
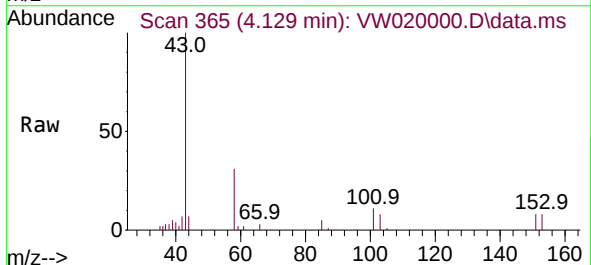
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

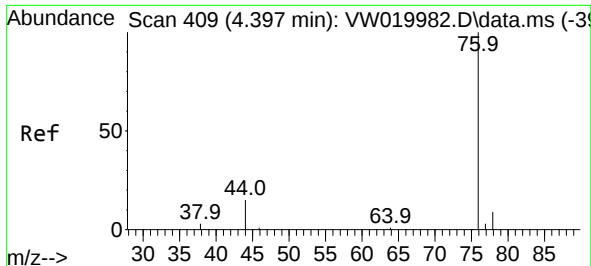
Tgt Ion:	53	Resp:	9453
Ion	Ratio	Lower	Upper
53	100		
52	87.2	65.9	98.9
51	40.1	29.8	44.8



#16
Acetone
Concen: 33.161 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:	43	Resp:	11197
Ion	Ratio	Lower	Upper
43	100		
58	31.1	27.2	40.8

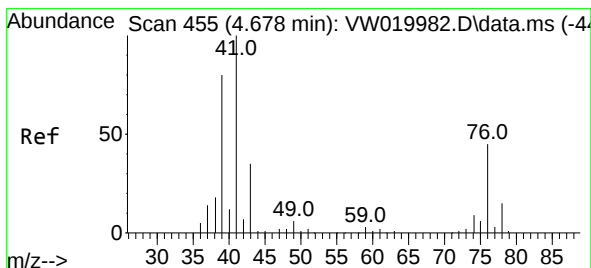
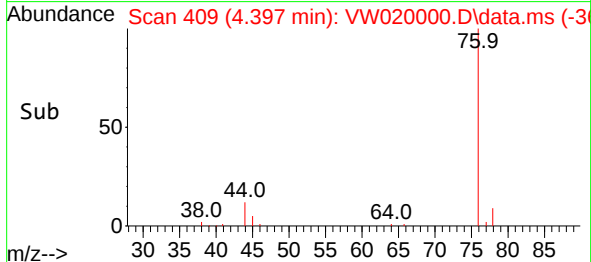
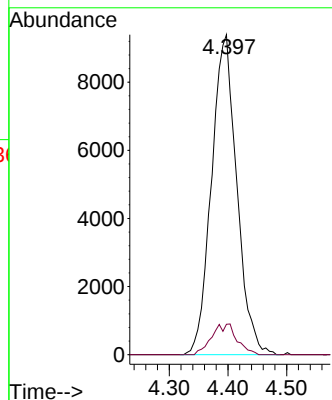
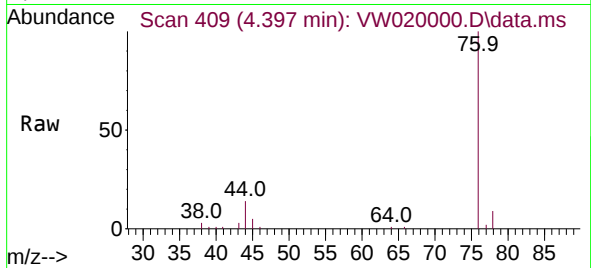




#17
Carbon Disulfide
Concen: 4.947 ug/l
RT: 4.397 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

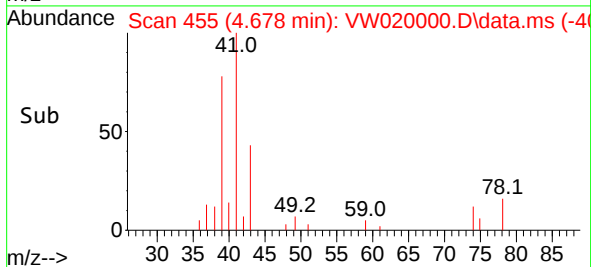
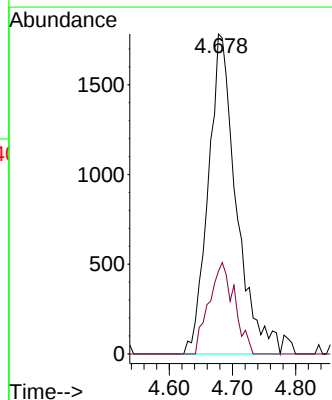
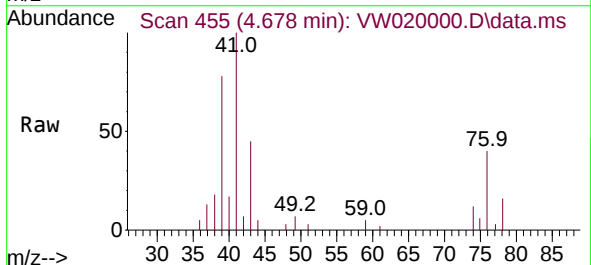
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

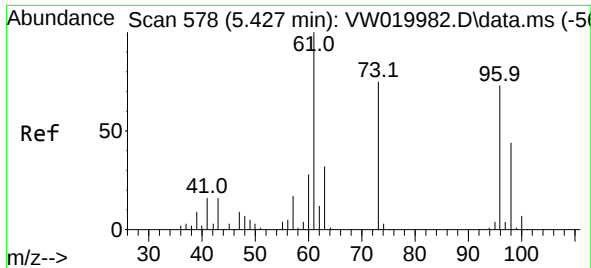
Tgt Ion: 76 Resp: 28130
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 5.722 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 43 Resp: 5485
Ion Ratio Lower Upper
43 100
74 25.9 21.0 31.6

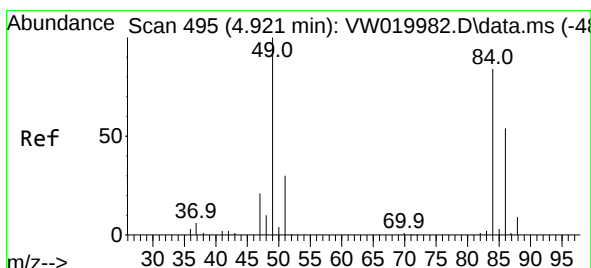
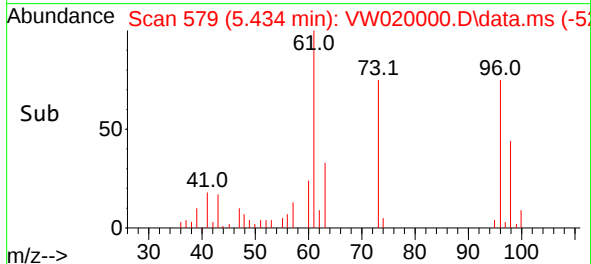
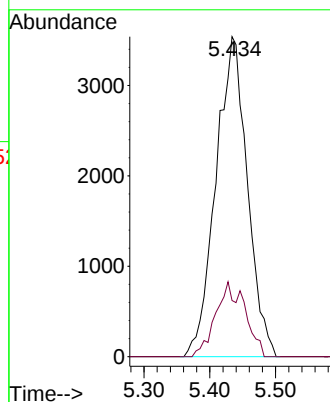
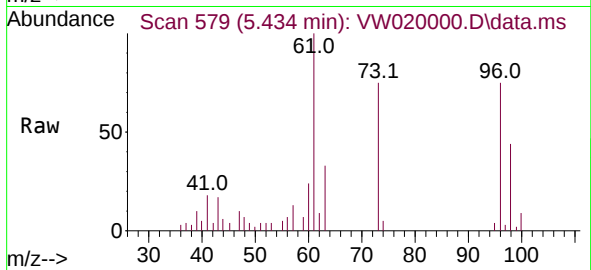




#19
Methyl tert-butyl Ether
Concen: 4.787 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

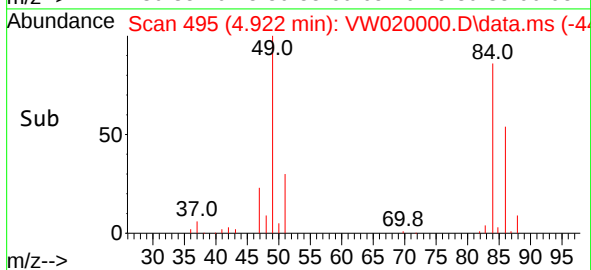
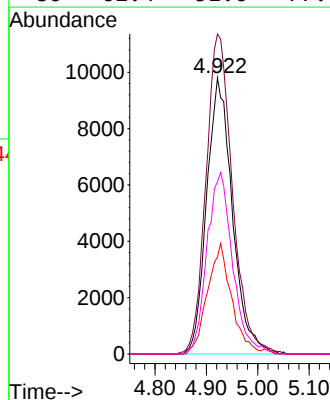
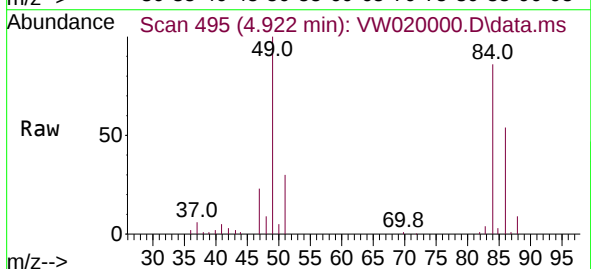
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

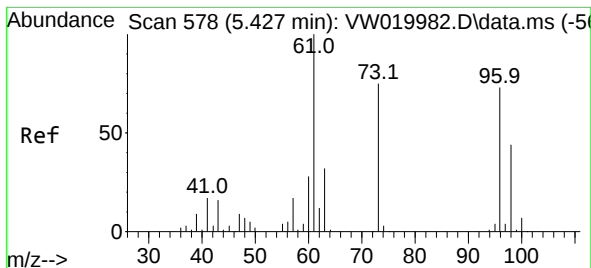
Tgt Ion: 73 Resp: 11800
Ion Ratio Lower Upper
73 100
57 17.6 17.7 26.5#



#20
Methylene Chloride
Concen: 13.397 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 84 Resp: 34017
Ion Ratio Lower Upper
84 100
49 115.3 95.4 143.0
51 35.2 28.9 43.3
86 62.4 51.6 77.4

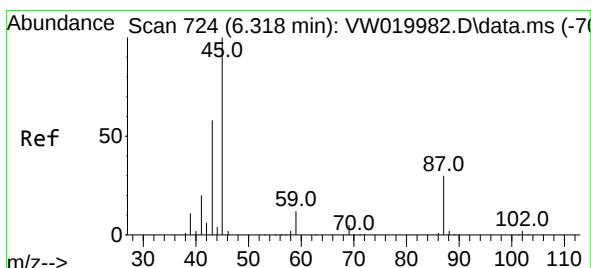
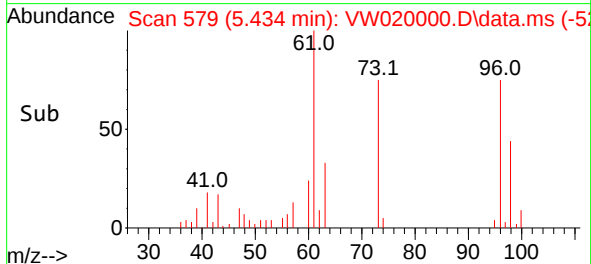
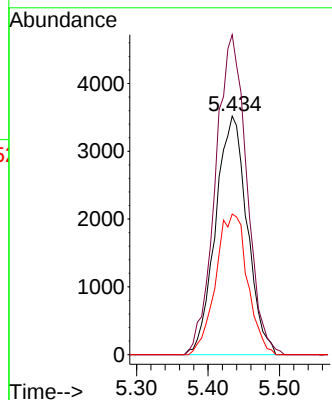
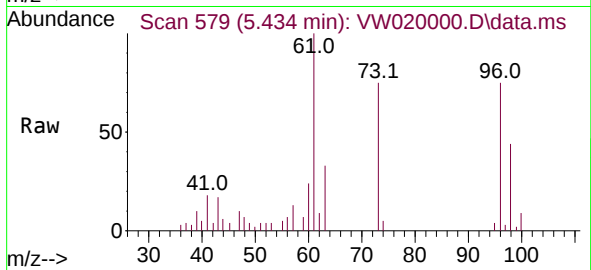




#21
trans-1,2-Dichloroethene
Concen: 5.082 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

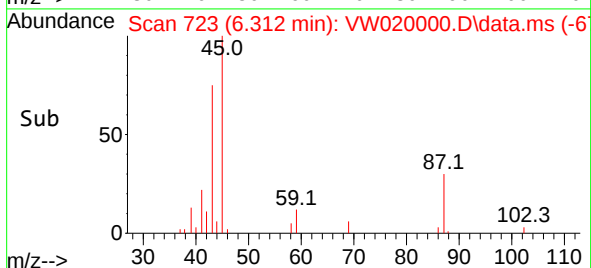
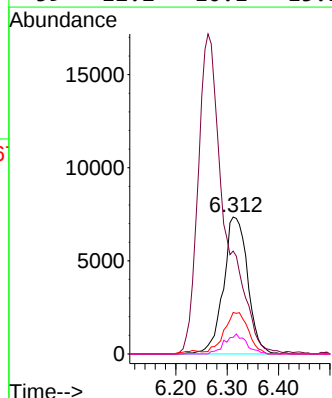
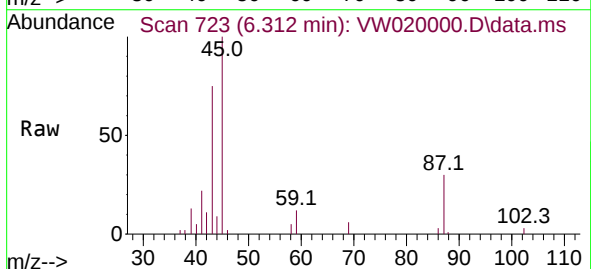
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

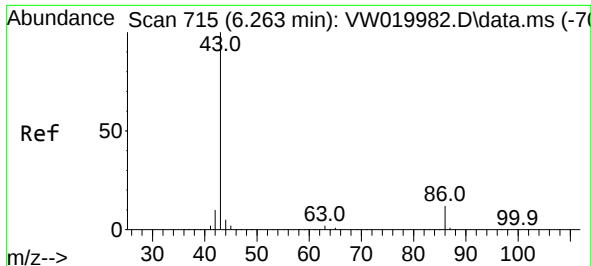
Tgt Ion: 96 Resp: 10785
Ion Ratio Lower Upper
96 100
61 134.1 109.3 163.9
98 59.0 48.3 72.5



#22
Diisopropyl ether
Concen: 4.465 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 45 Resp: 24046
Ion Ratio Lower Upper
45 100
43 73.7 46.8 70.2#
87 30.3 24.3 36.5
59 12.2 10.1 15.1

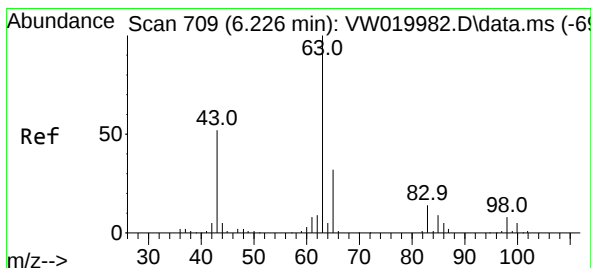
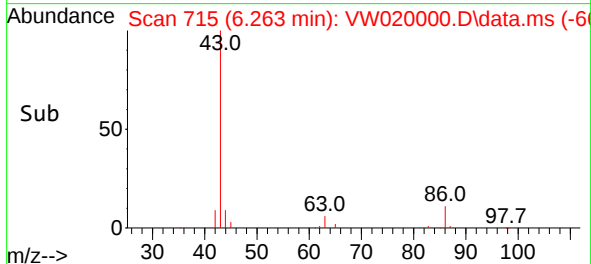
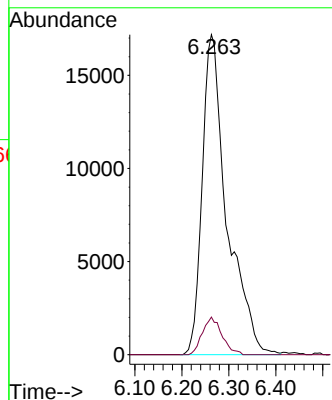
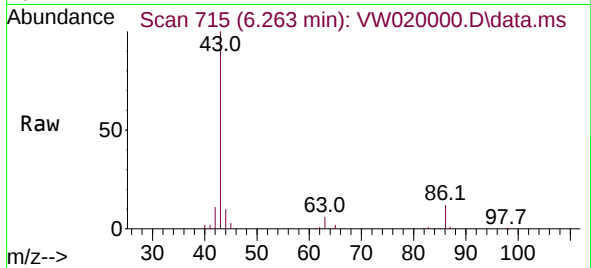




#23
 Vinyl Acetate
 Concen: 21.334 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW020000.D
 Acq: 08 Sep 2021 14:10

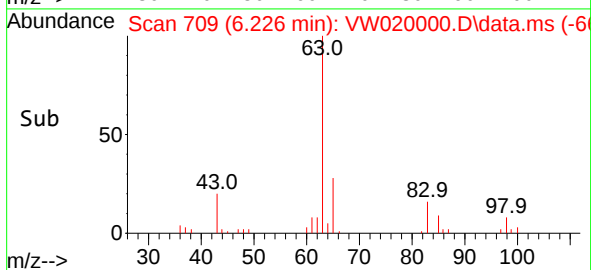
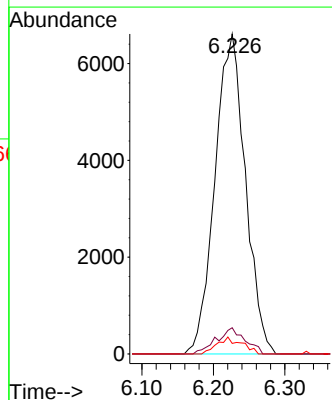
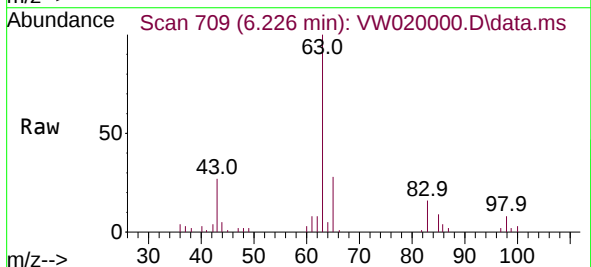
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

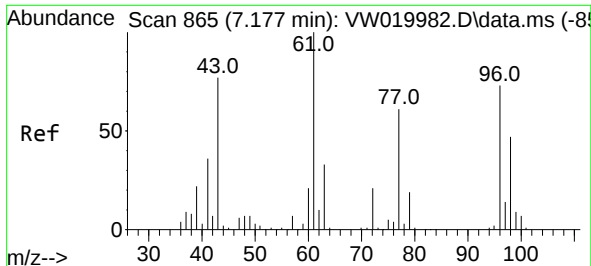
Tgt Ion: 43 Resp: 62675
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 5.128 ug/l
 RT: 6.226 min Scan# 709
 Delta R.T. 0.000 min
 Lab File: VW020000.D
 Acq: 08 Sep 2021 14:10

Tgt Ion: 63 Resp: 19554
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.4
 100 3.3 2.5 7.4





#25

2-Butanone

Concen: 28.065 ug/l

RT: 7.183 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW020000.D

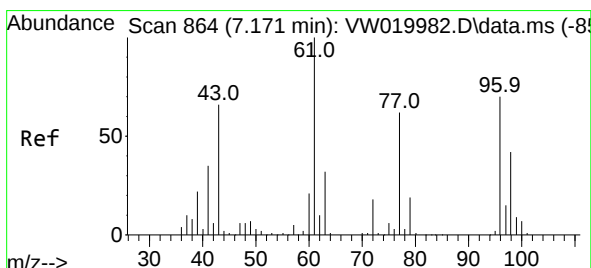
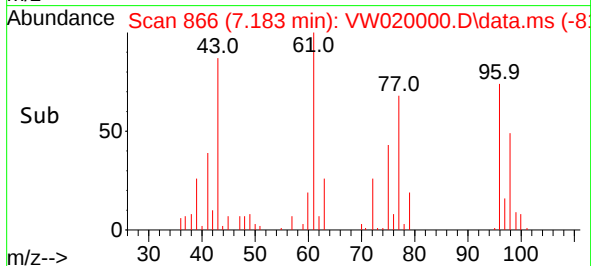
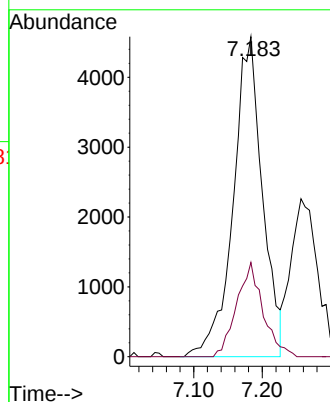
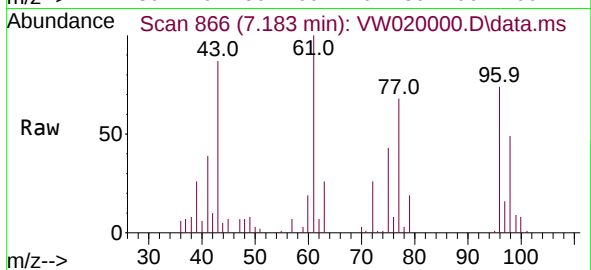
Acq: 08 Sep 2021 14:10

Tgt Ion: 43 Resp: 13586

Ion Ratio Lower Upper

43 100

72 29.5 21.9 32.9



#26

2,2-Dichloropropane

Concen: 5.952 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW020000.D

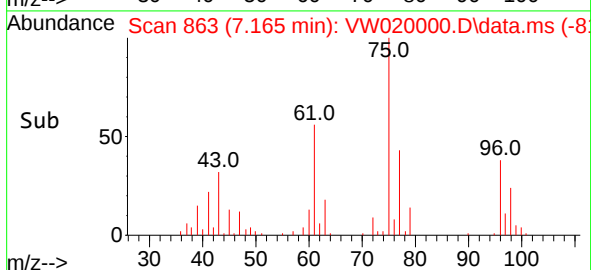
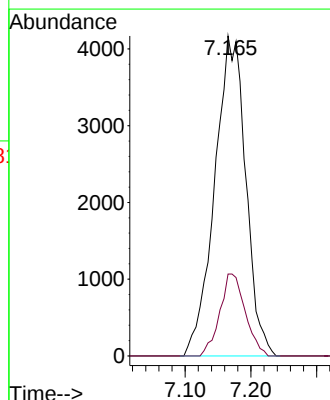
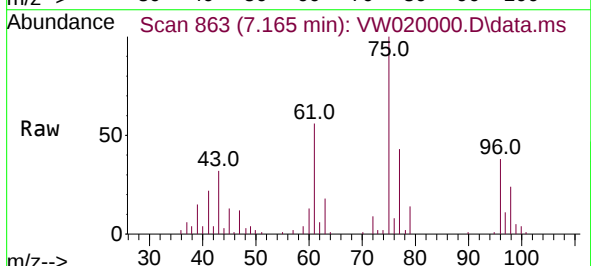
Acq: 08 Sep 2021 14:10

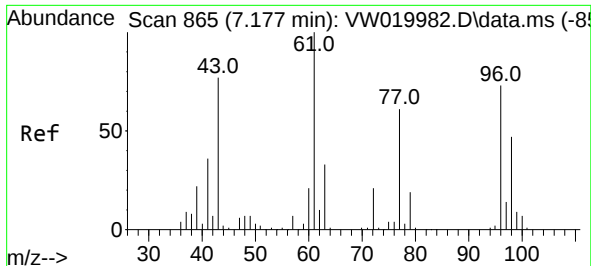
Tgt Ion: 77 Resp: 13725

Ion Ratio Lower Upper

77 100

97 21.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.911 ug/l

RT: 7.171 min Scan# 864

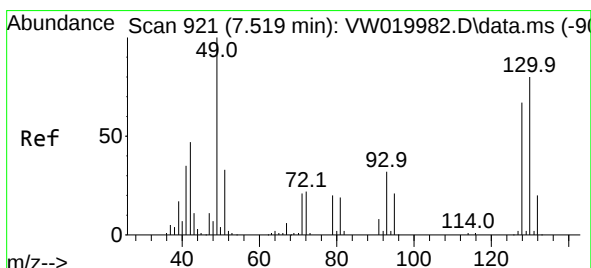
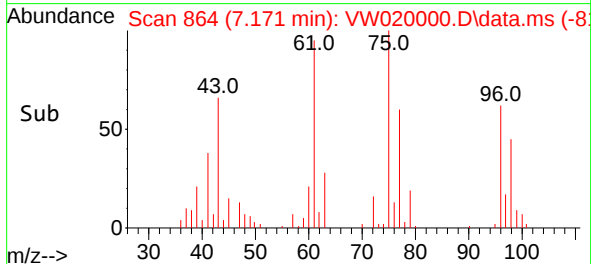
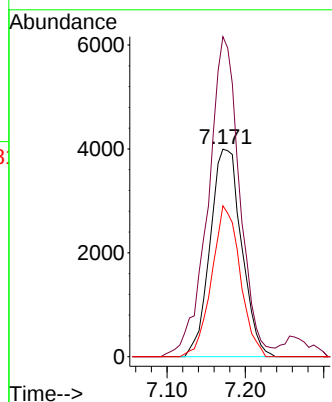
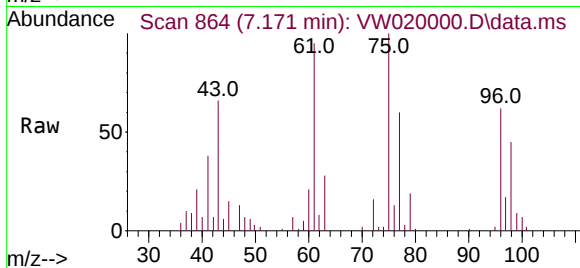
Delta R.T. -0.006 min

Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Tgt Ion: 96 Resp: 11131

Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	282.6
98	65.9	0.0	127.6



#28

Bromochloromethane

Concen: 5.170 ug/l

RT: 7.513 min Scan# 920

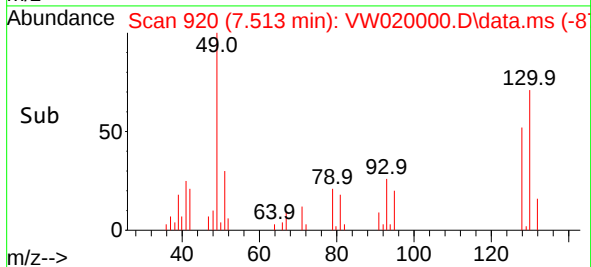
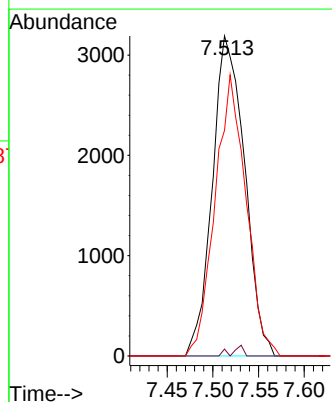
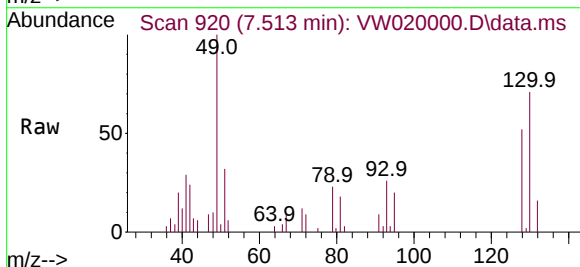
Delta R.T. -0.006 min

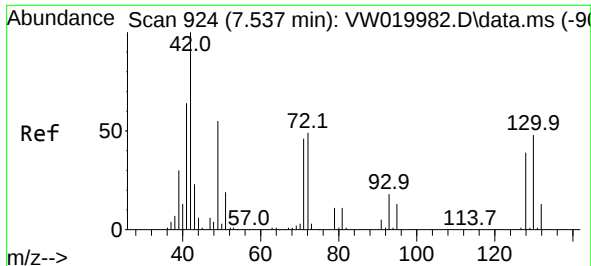
Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Tgt Ion: 49 Resp: 7825

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.2
130	84.3	62.6	93.8





#29

Tetrahydrofuran

Concen: 24.458 ug/l

RT: 7.537 min Scan# 924

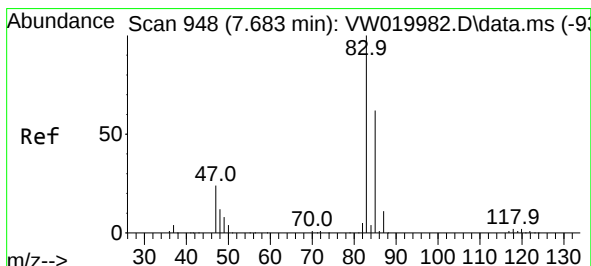
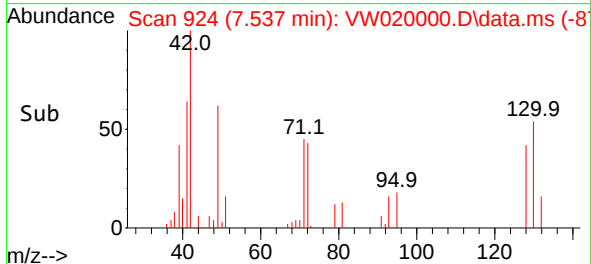
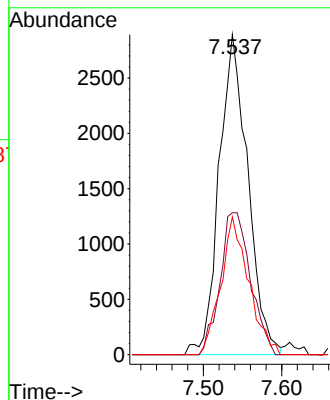
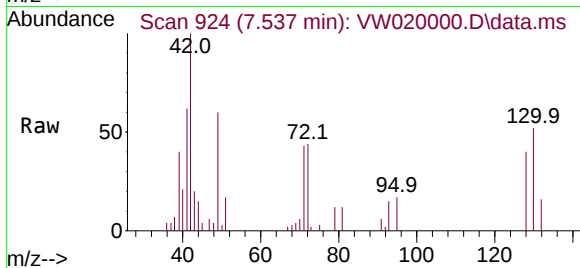
Delta R.T. 0.000 min

Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Tgt Ion: 42 Resp: 7366

Ion	Ratio	Lower	Upper
42	100		
72	47.0	38.4	57.6
71	41.9	35.4	53.2



#30

Chloroform

Concen: 5.010 ug/l

RT: 7.683 min Scan# 948

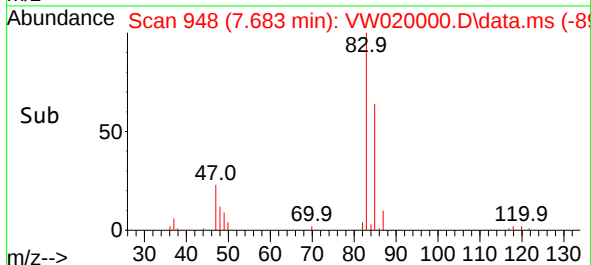
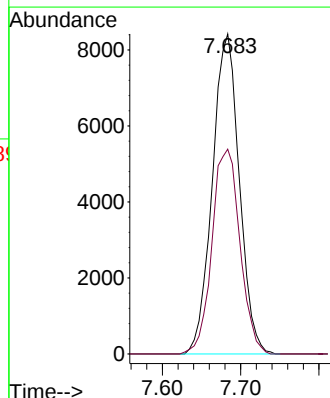
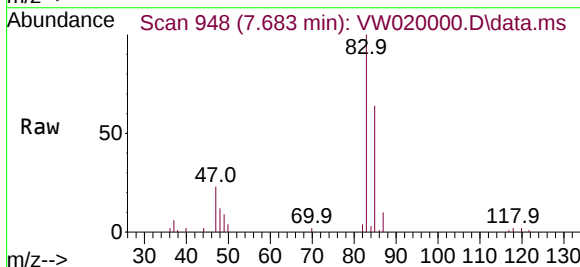
Delta R.T. 0.000 min

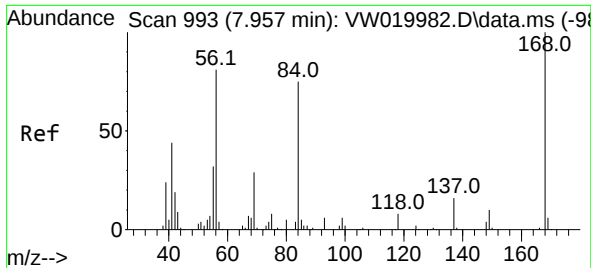
Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Tgt Ion: 83 Resp: 20131

Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.8	74.8

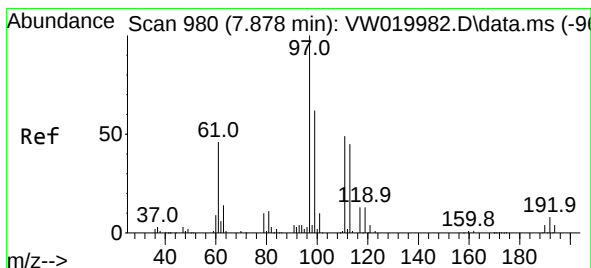
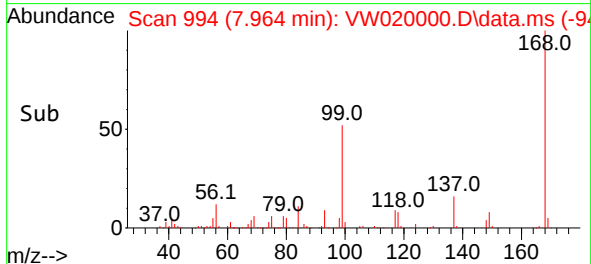
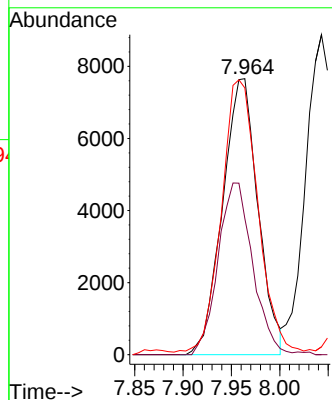
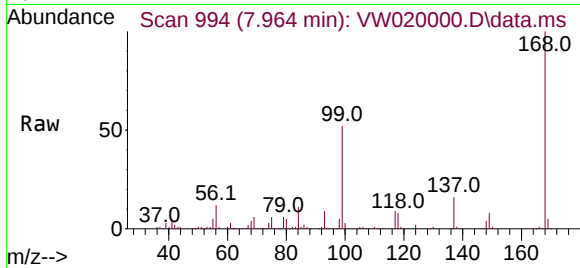




#31
Cyclohexane
Concen: 5.686 ug/l
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

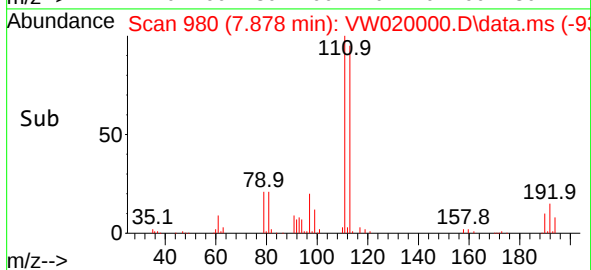
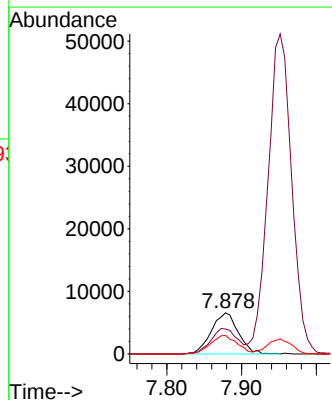
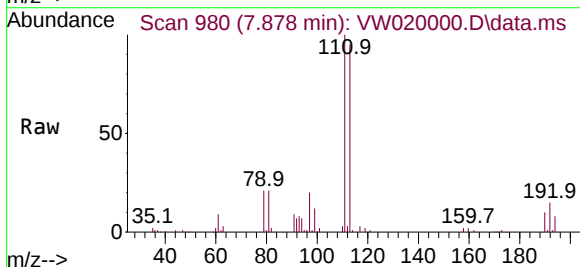
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

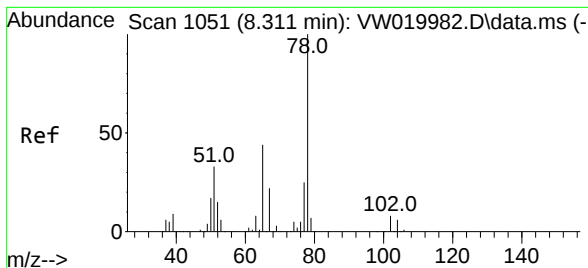
Tgt Ion: 56 Resp: 19488
Ion Ratio Lower Upper
56 100
69 49.4 28.6 42.8#
84 95.1 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 5.067 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 97 Resp: 16474
Ion Ratio Lower Upper
97 100
99 60.1 50.9 76.3
61 44.8 36.1 54.1

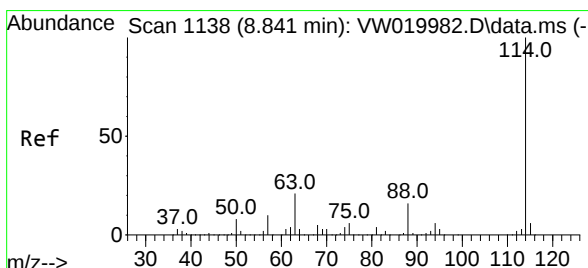
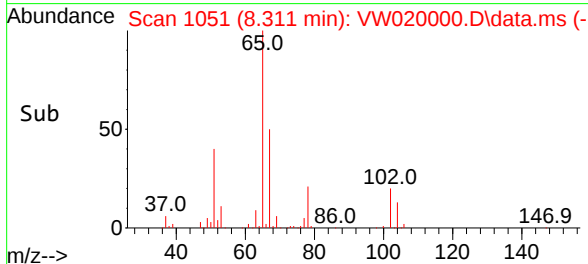
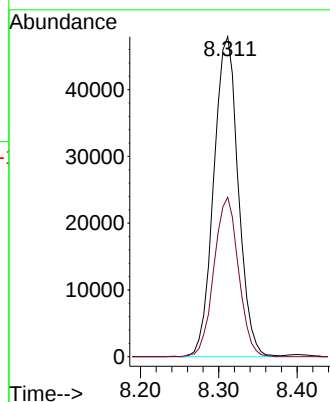
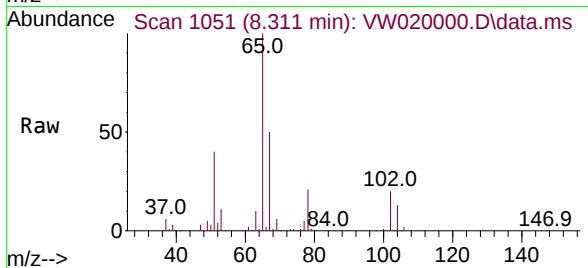




#33
1,2-Dichloroethane-d4
Concen: 49.603 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

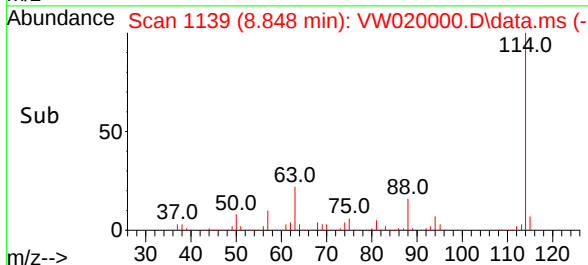
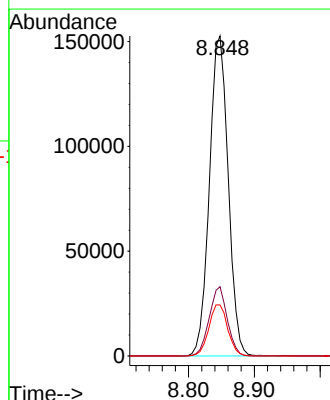
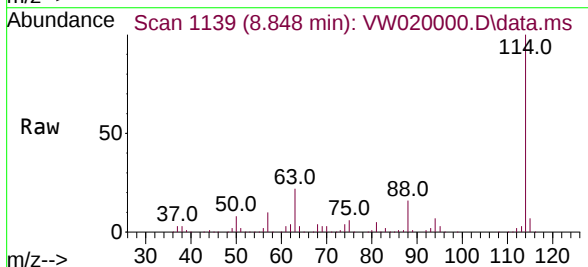
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

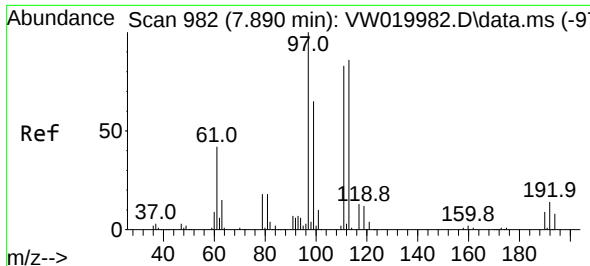
Tgt Ion: 65 Resp: 104278
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 114 Resp: 303262
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.6
88 15.9 0.0 31.8

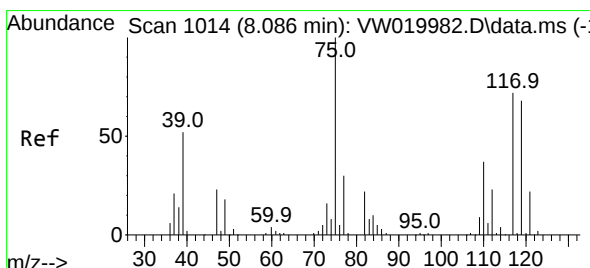
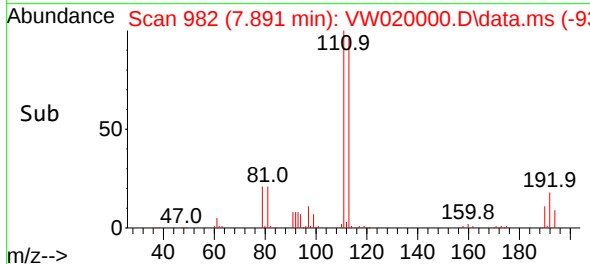
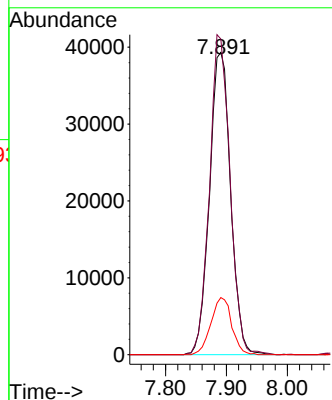
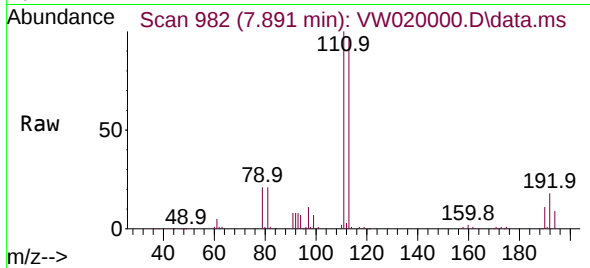




#35
Dibromofluoromethane
Concen: 47.529 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

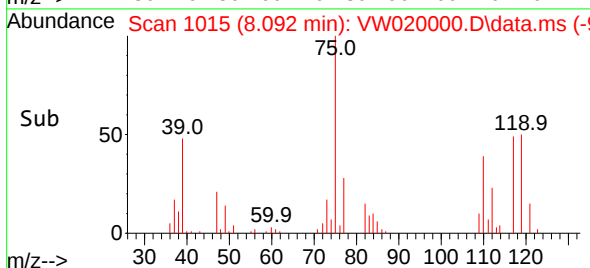
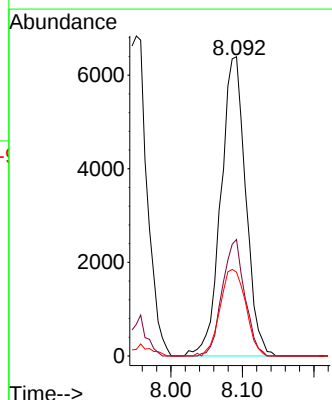
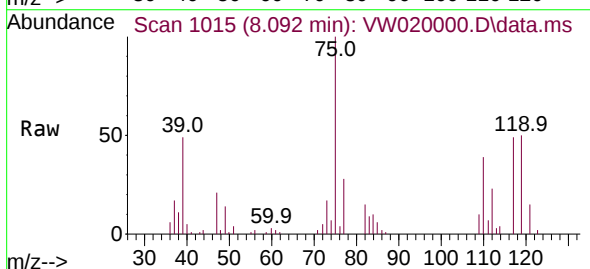
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

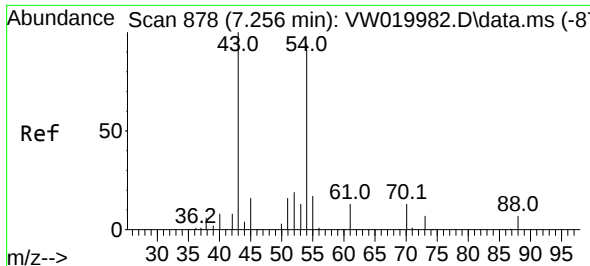
Tgt Ion:113 Resp: 94656
Ion Ratio Lower Upper
113 100
111 103.0 81.6 122.4
192 18.6 14.6 22.0



#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 8.092 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 75 Resp: 15419
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 29.9 24.8 37.2





#37

Ethyl Acetate

Concen: 5.522 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Instrument :

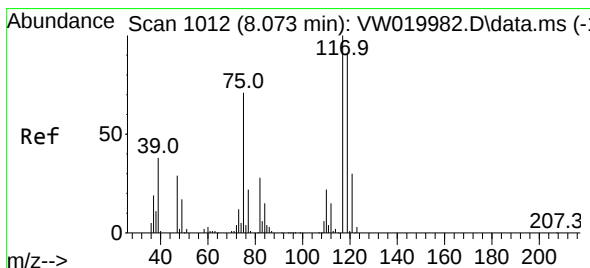
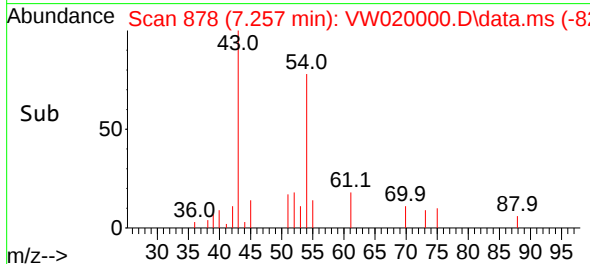
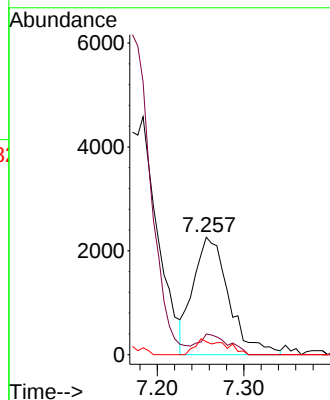
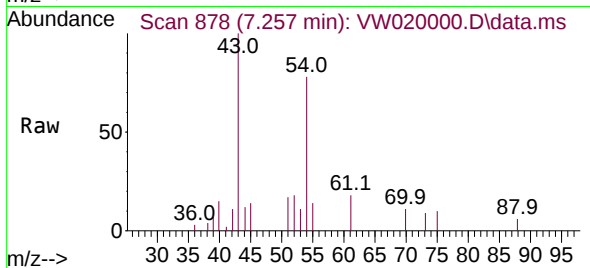
MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion: 43 Resp: 6477

Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	11.0	9.3	13.9



#38

Carbon Tetrachloride

Concen: 4.763 ug/l

RT: 8.074 min Scan# 1012

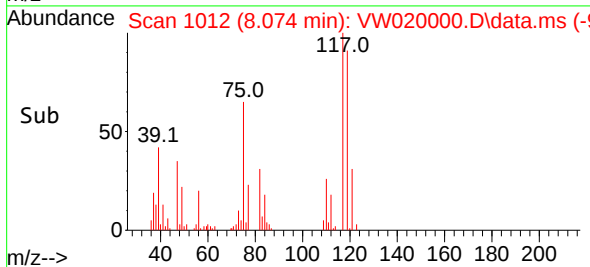
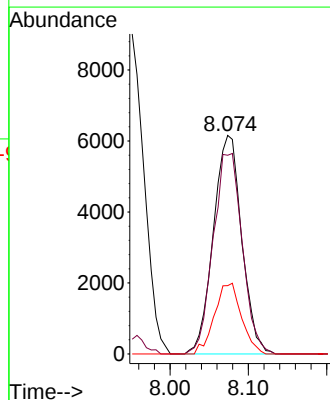
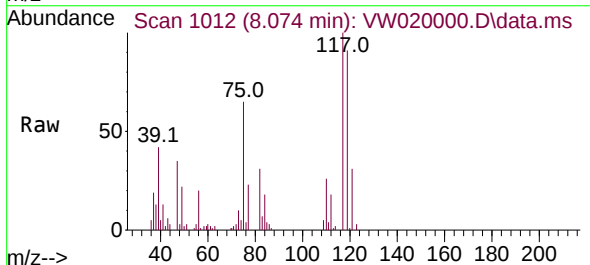
Delta R.T. 0.000 min

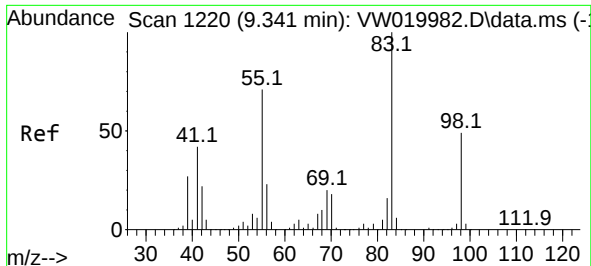
Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Tgt Ion: 117 Resp: 15493

Ion	Ratio	Lower	Upper
117	100		
119	91.0	73.0	109.4
121	31.3	23.9	35.9





#39

Methylcyclohexane

Concen: 4.391 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.006 min

Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Tgt Ion: 83 Resp: 16234

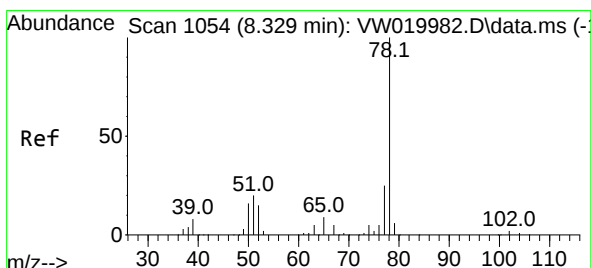
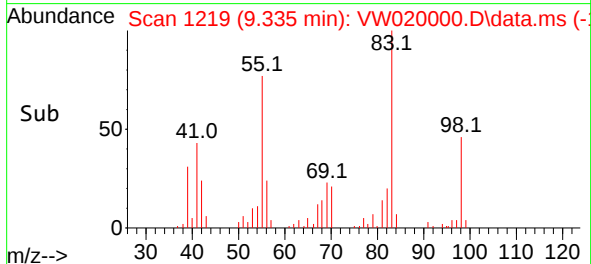
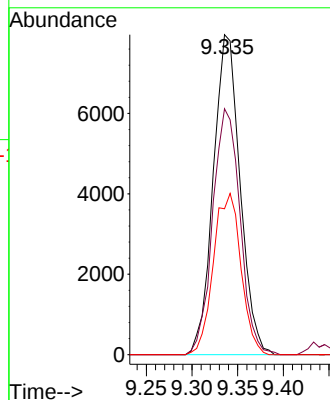
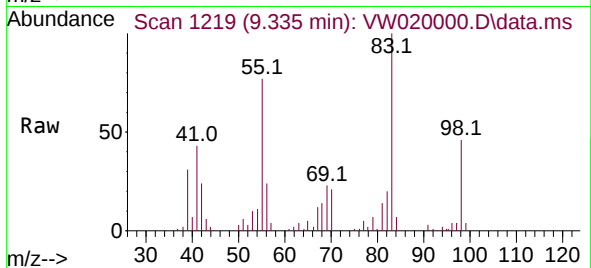
Ion	Ratio	Lower	Upper
83	100		
55	76.8	56.9	85.3
98	45.6	39.0	58.4

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#40

Benzene

Concen: 4.854 ug/l

RT: 8.330 min Scan# 1054

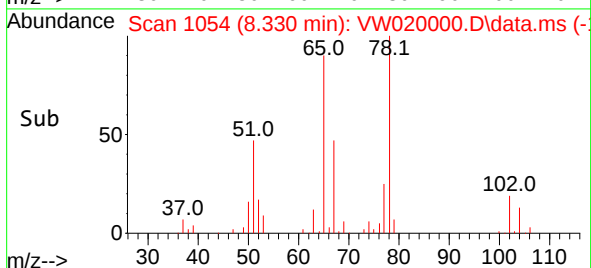
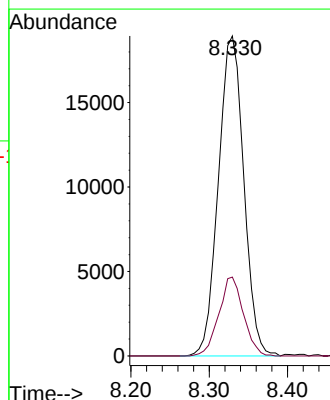
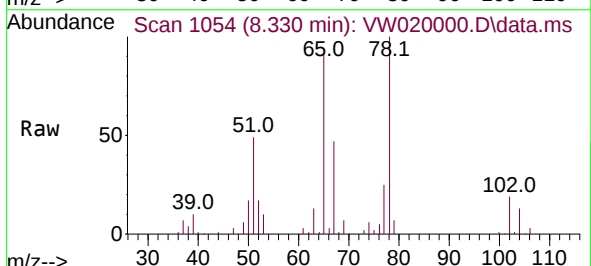
Delta R.T. 0.000 min

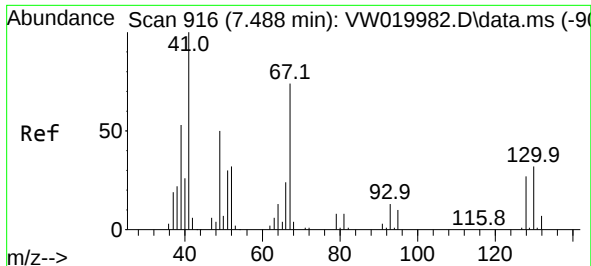
Lab File: VW020000.D

Acq: 08 Sep 2021 14:10

Tgt Ion: 78 Resp: 42657

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.7	29.5

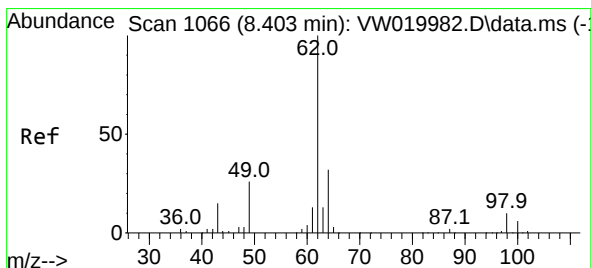
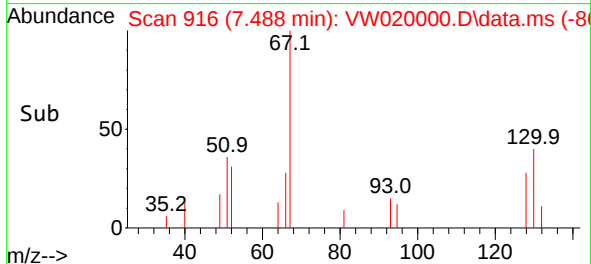
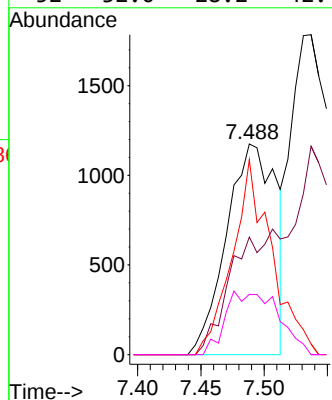
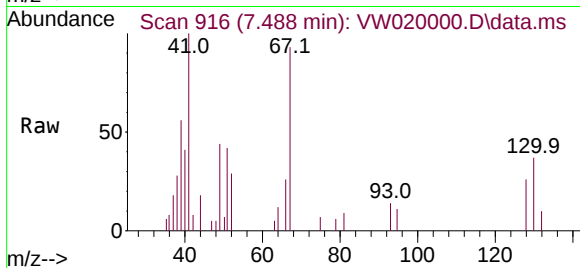




#41
Methacrylonitrile
Concen: 4.930 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

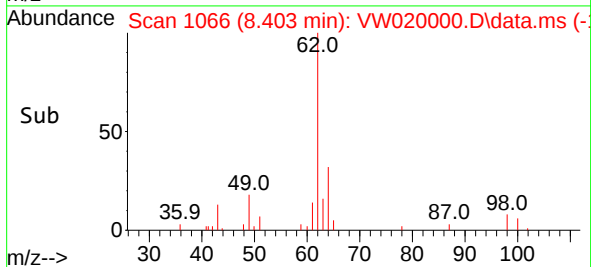
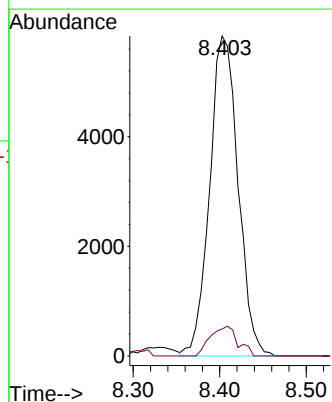
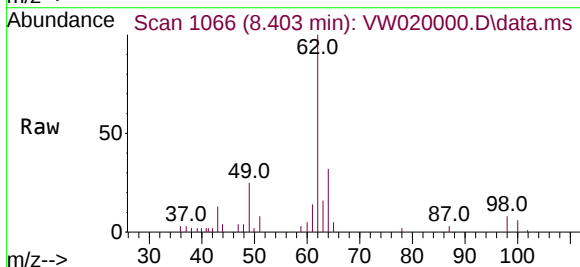
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

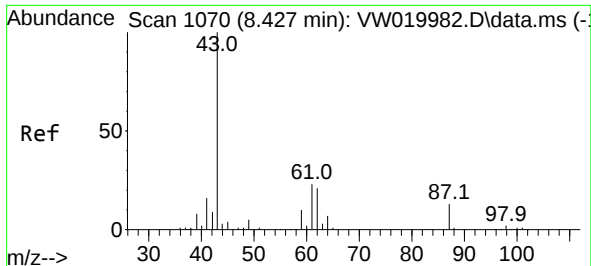
Tgt Ion:	41	Resp:	3201
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	73.5	65.3	97.9
52	32.0	28.2	42.4



#42
1,2-Dichloroethane
Concen: 4.938 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:	62	Resp:	13323
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6

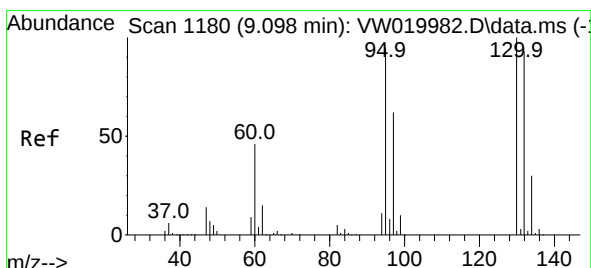
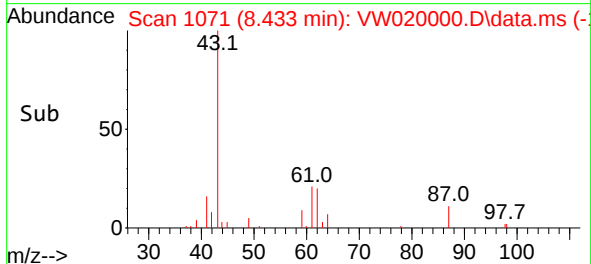
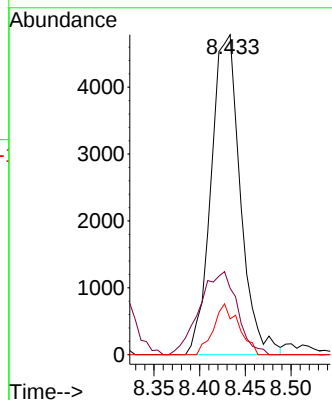
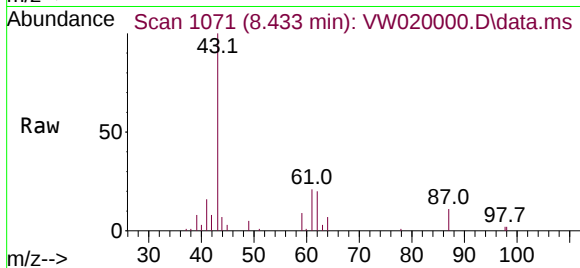




#43
Isopropyl Acetate
Concen: 4.776 ug/l
RT: 8.433 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

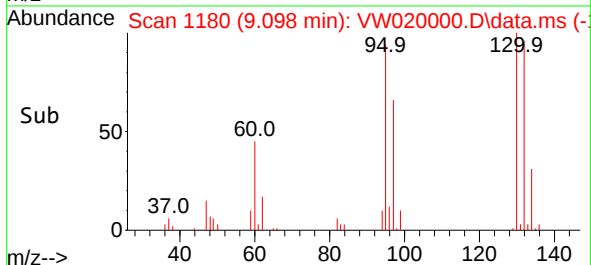
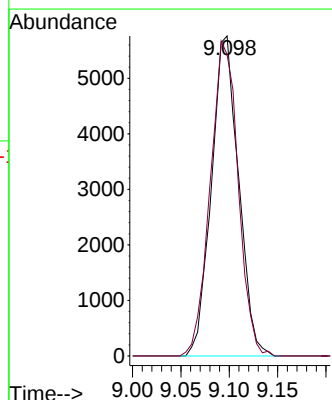
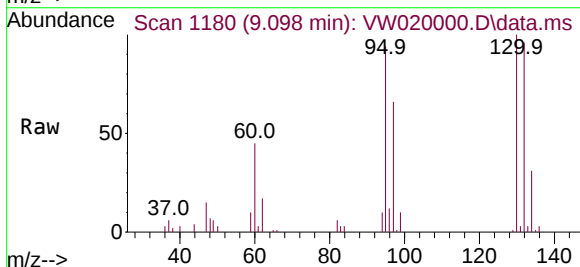
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

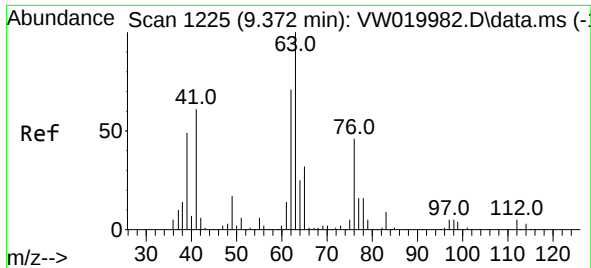
Tgt Ion: 43	Resp: 10631
Ion Ratio	Lower Upper
43	100
61	33.4 26.6 39.8
87	13.7 11.0 16.6



#44
Trichloroethene
Concen: 4.880 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 130	Resp: 11253
Ion Ratio	Lower Upper
130	100
95	94.2 0.0 190.0

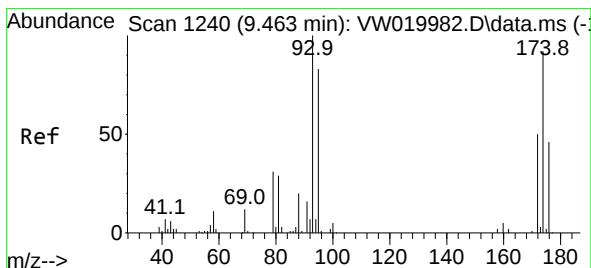
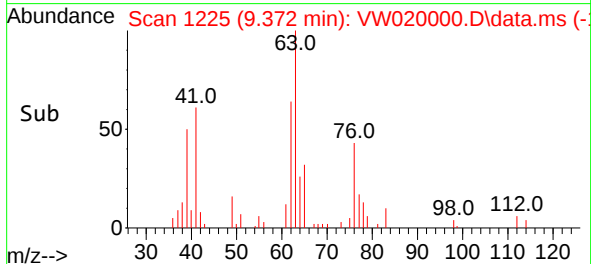
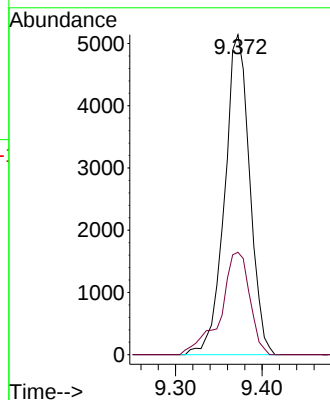
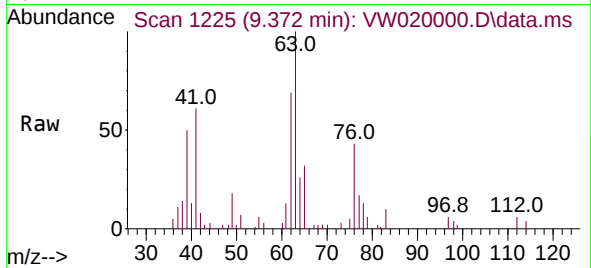




#45
1,2-Dichloropropane
Concen: 4.824 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

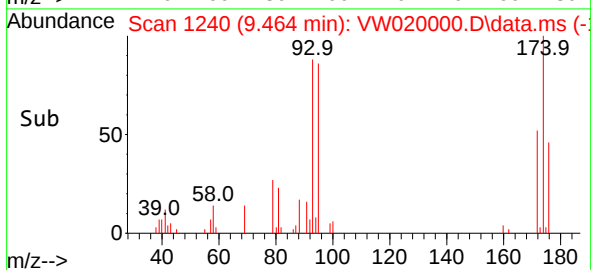
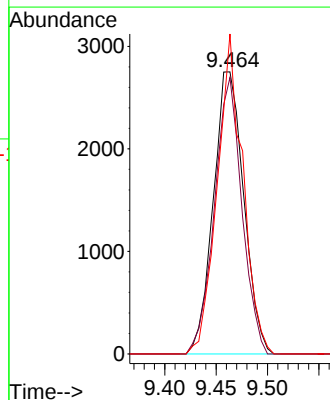
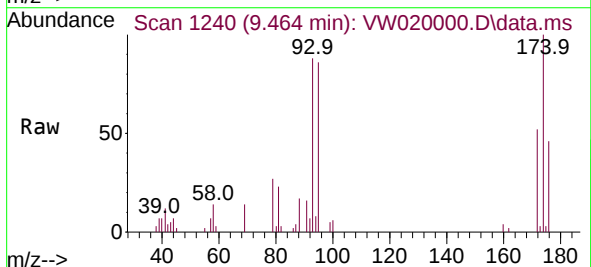
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

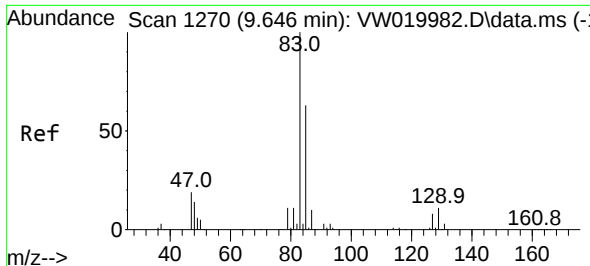
Tgt Ion: 63 Resp: 10308
Ion Ratio Lower Upper
63 100
65 32.0 25.5 38.3



#46
Dibromomethane
Concen: 4.690 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

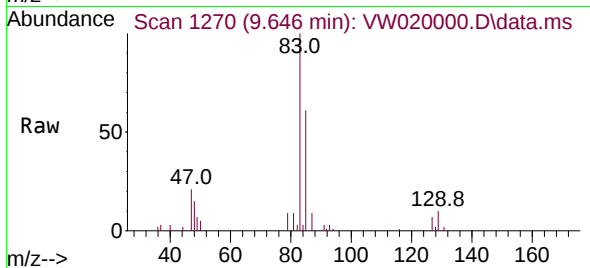
Tgt Ion: 93 Resp: 5653
Ion Ratio Lower Upper
93 100
95 88.5 65.2 97.8
174 95.6 75.8 113.6



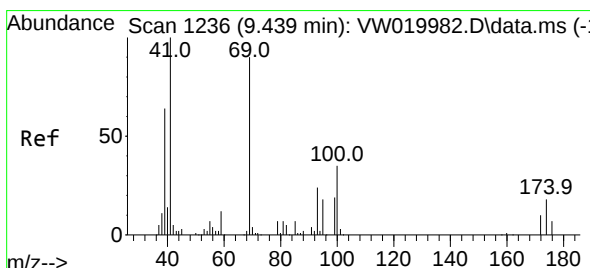
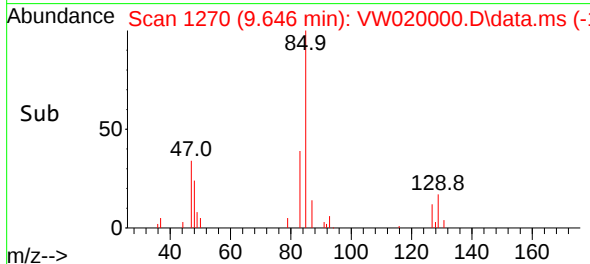
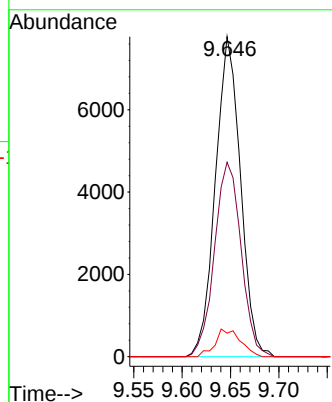


#47
Bromodichloromethane
Concen: 4.664 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

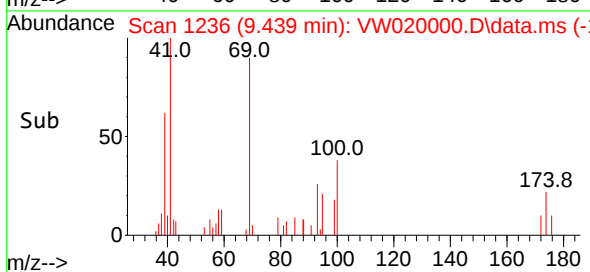
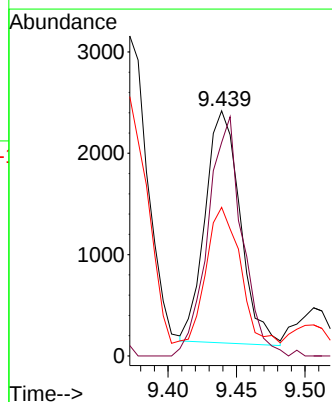
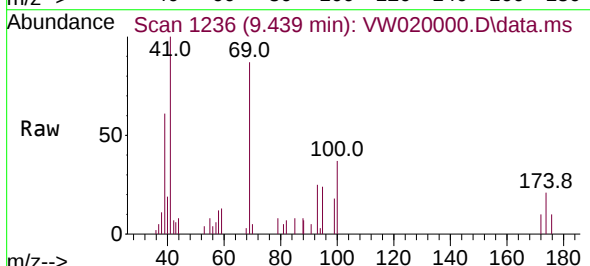


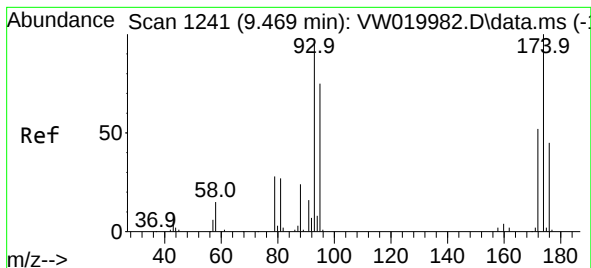
Tgt Ion: 83 Resp: 14008
Ion Ratio Lower Upper
83 100
85 60.8 50.3 75.5
127 7.3 6.5 9.7



#48
Methyl methacrylate
Concen: 4.180 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 41 Resp: 4071
Ion Ratio Lower Upper
41 100
69 101.0 76.7 115.1
39 58.9 51.4 77.0

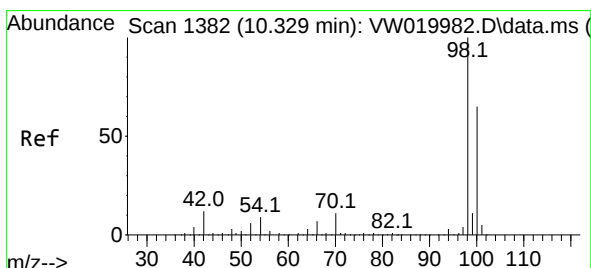
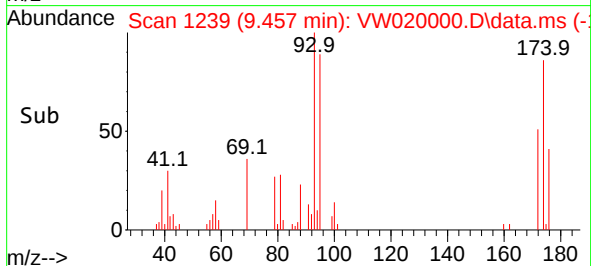
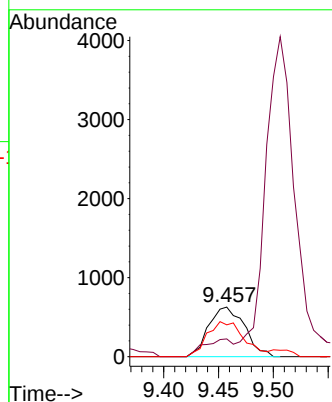
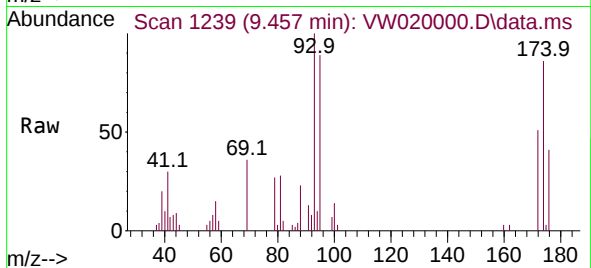




#49
1,4-Dioxane
Concen: 93.205 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.012 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

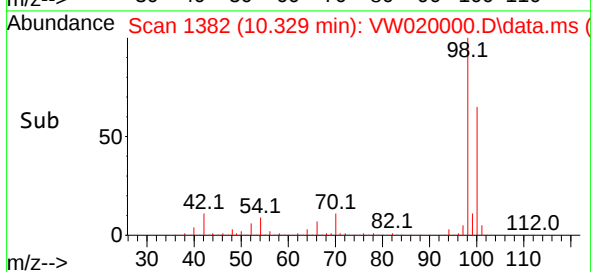
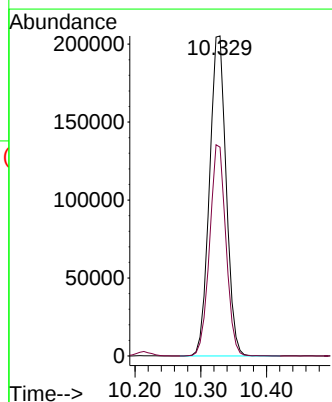
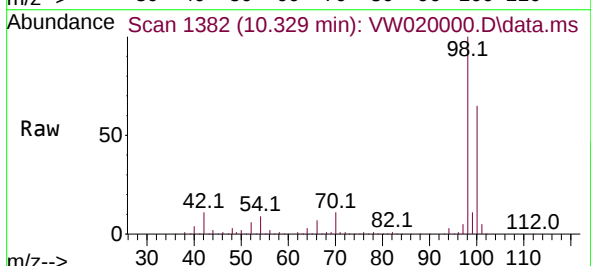
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

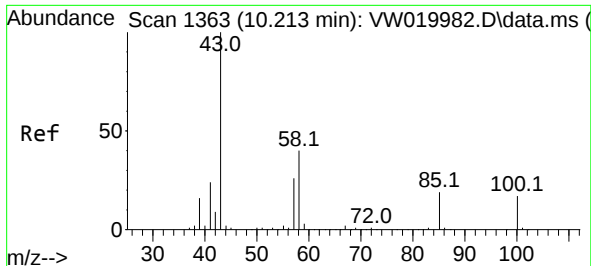
Tgt Ion: 88 Resp: 1435
Ion Ratio Lower Upper
88 100
43 28.9 0.0 0.0#
58 72.0 54.7 82.1



#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 98 Resp: 361693
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

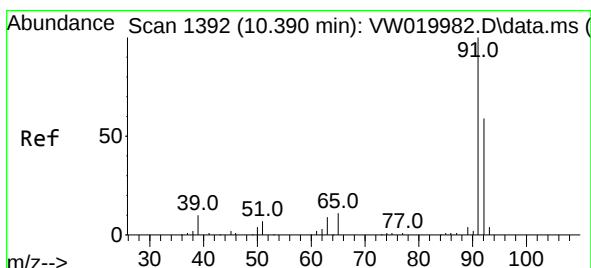
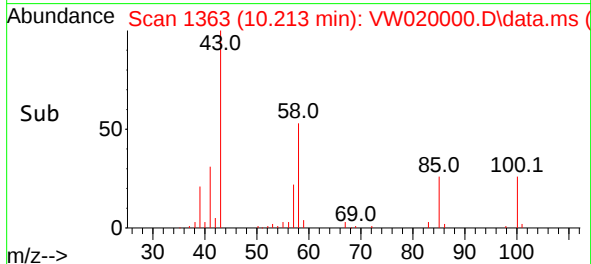
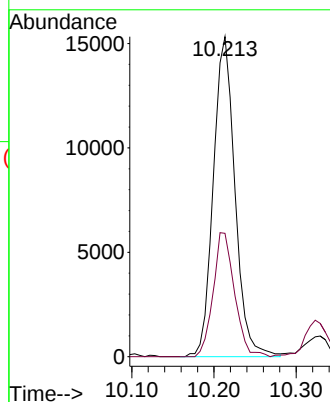
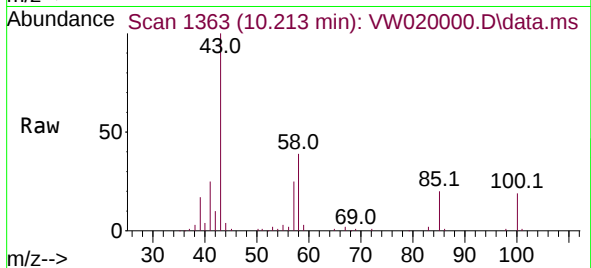




#51
4-Methyl-2-Pentanone
Concen: 24.309 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

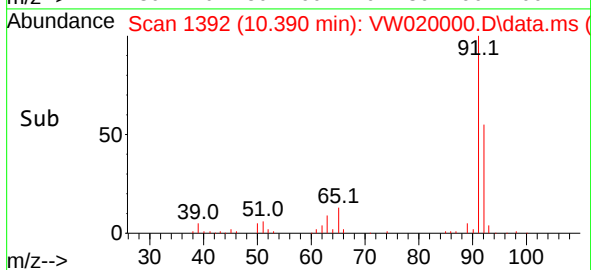
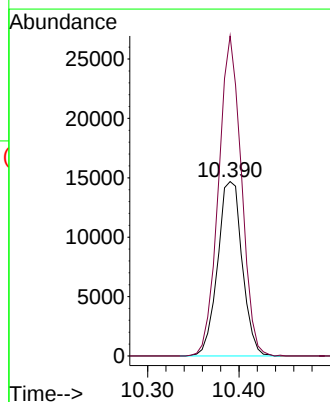
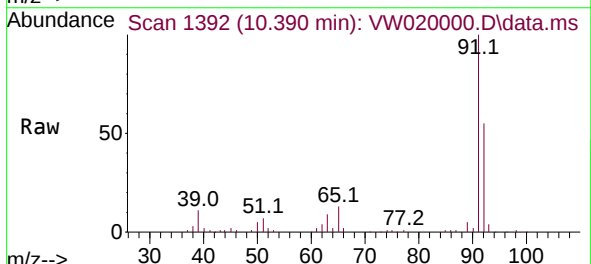
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

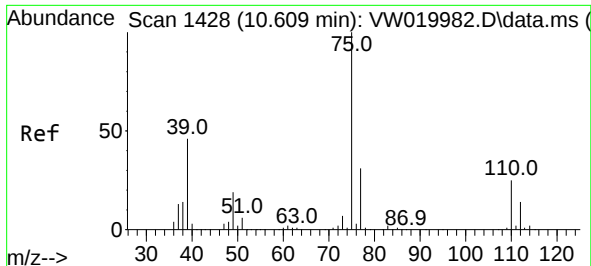
Tgt Ion: 43 Resp: 28059
Ion Ratio Lower Upper
43 100
58 38.2 32.1 48.1



#52
Toluene
Concen: 4.921 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 92 Resp: 27380
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0

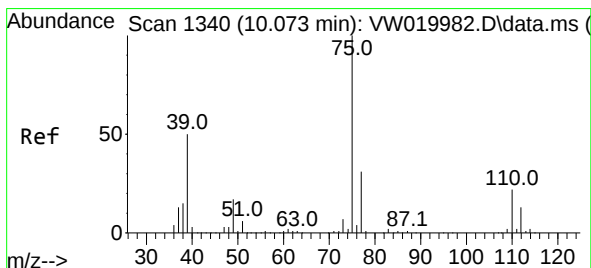
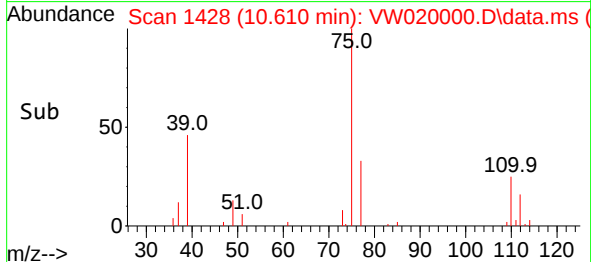
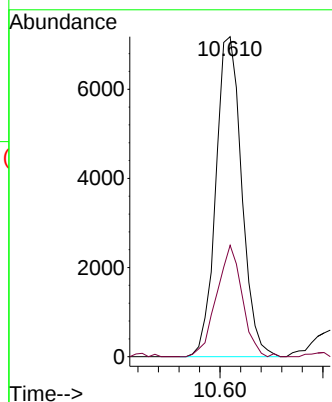
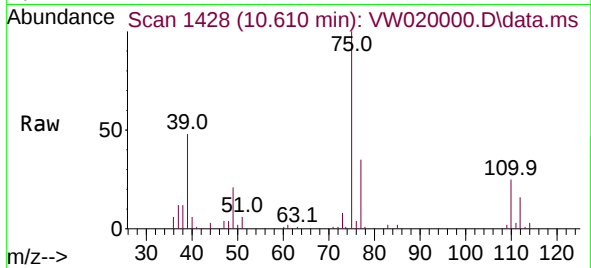




#53
t-1,3-Dichloropropene
Concen: 4.356 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

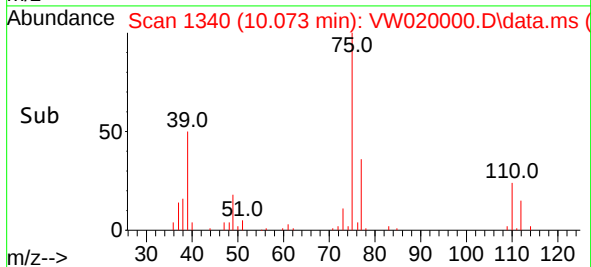
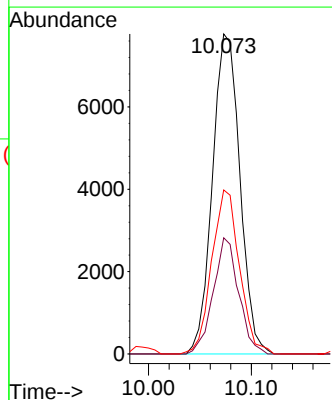
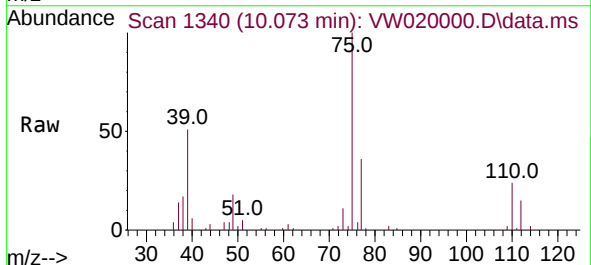
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

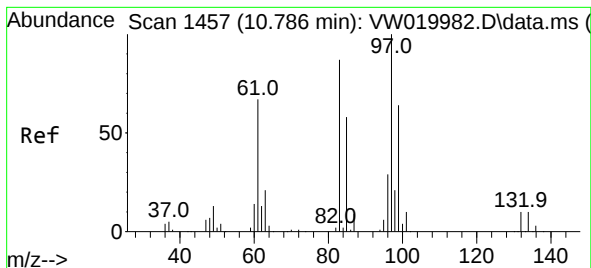
Tgt Ion: 75 Resp: 12549
Ion Ratio Lower Upper
75 100
77 34.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 4.297 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 75 Resp: 14411
Ion Ratio Lower Upper
75 100
77 36.3 24.8 37.2
39 51.3 39.9 59.9

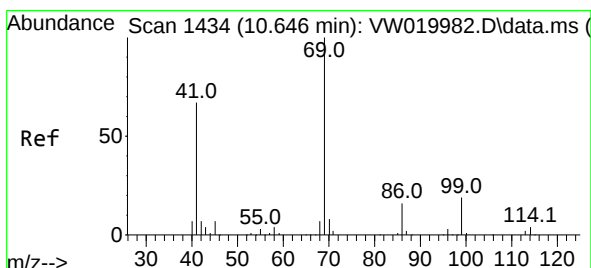
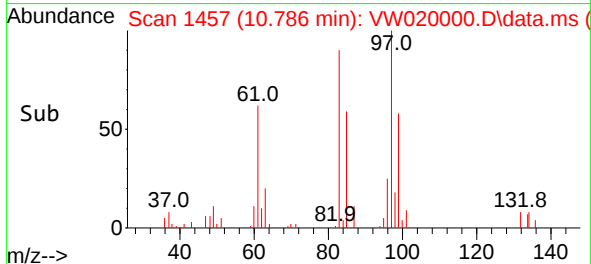
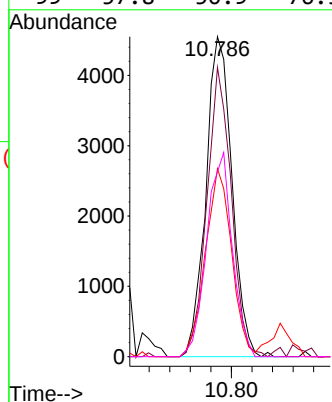
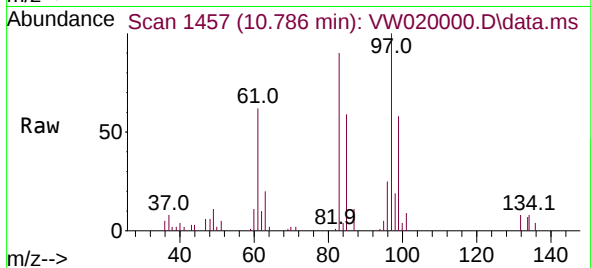




#55
1,1,2-Trichloroethane
Concen: 4.907 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

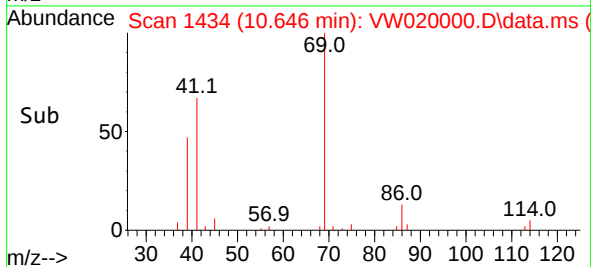
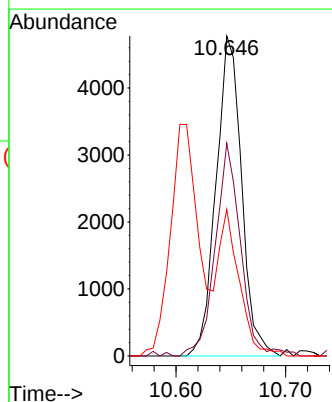
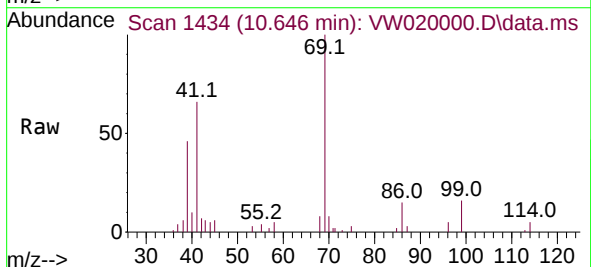
Instrument :
MSVOA_W
ClientSampleId :
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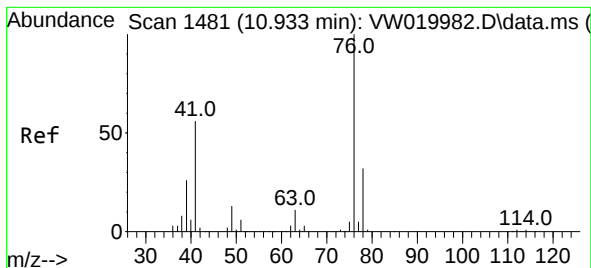
Tgt Ion: 97	Resp: 8017
Ion Ratio	Lower Upper
97 100	
83 90.4	69.8 104.6
85 58.8	46.6 69.8
99 57.8	50.9 76.3



#56
Ethyl methacrylate
Concen: 4.232 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 69	Resp: 7734
Ion Ratio	Lower Upper
69 100	
41 65.9	50.6 76.0
39 36.1	31.2 46.8

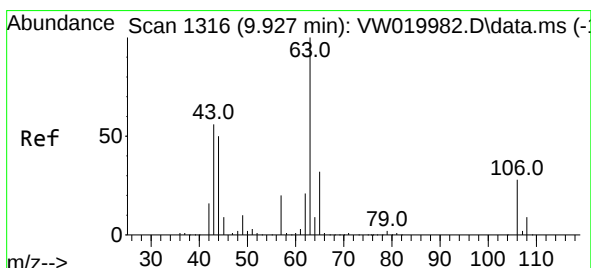
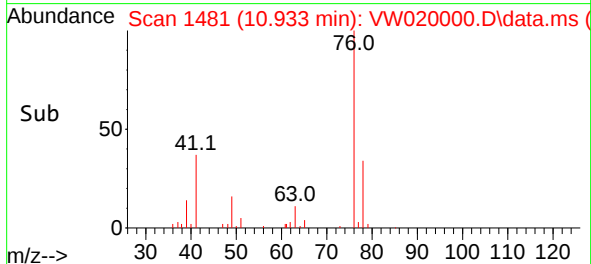
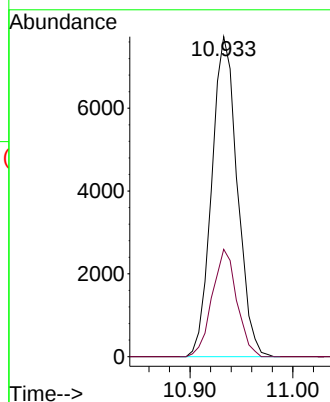
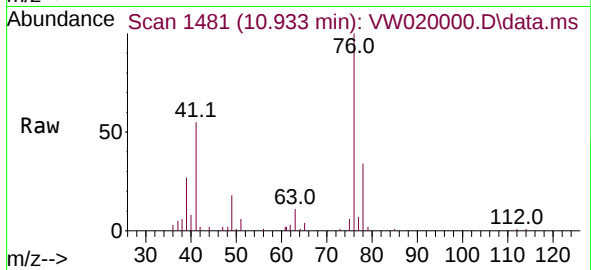




#57
1,3-Dichloropropane
Concen: 4.761 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

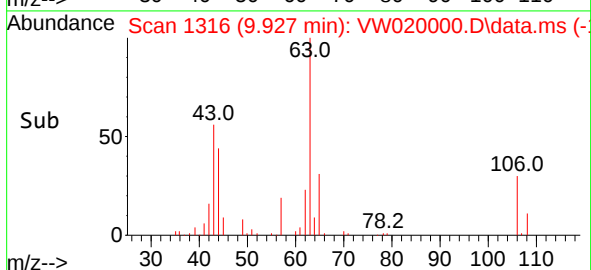
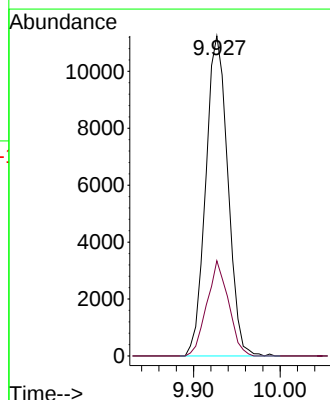
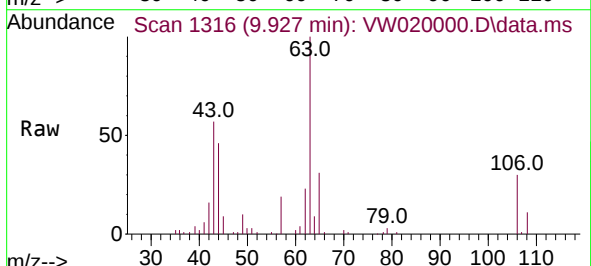
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

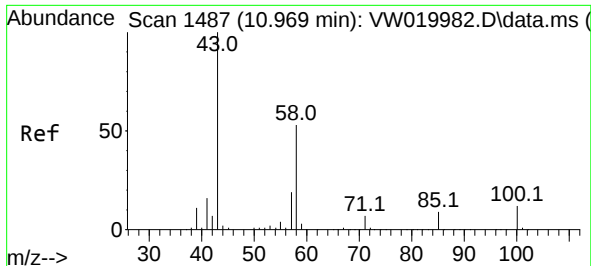
Tgt Ion: 76 Resp: 13343
Ion Ratio Lower Upper
76 100
78 32.3 26.6 40.0



#58
2-Chloroethyl Vinyl ether
Concen: 23.881 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 63 Resp: 19921
Ion Ratio Lower Upper
63 100
106 29.2 22.9 34.3

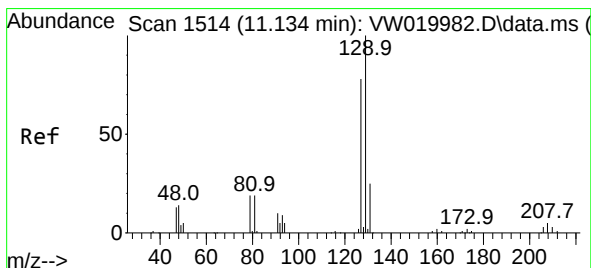
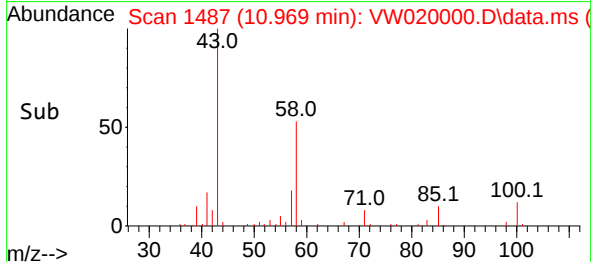
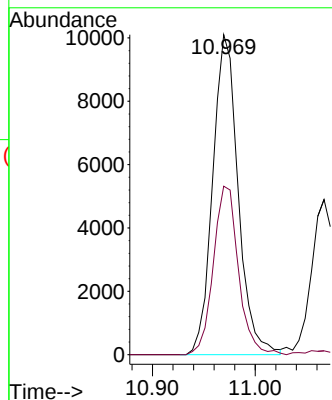
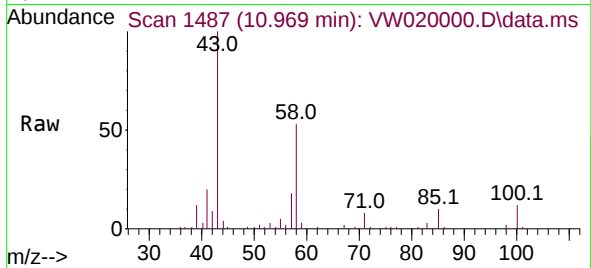




#59
2-Hexanone
Concen: 22.500 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

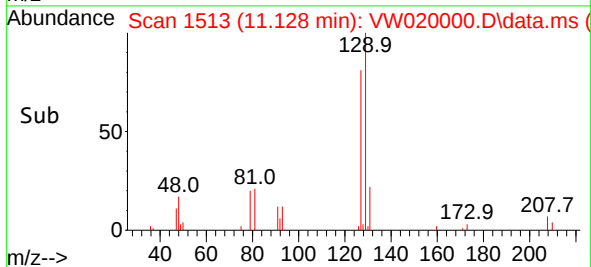
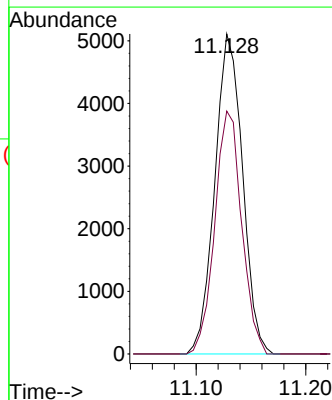
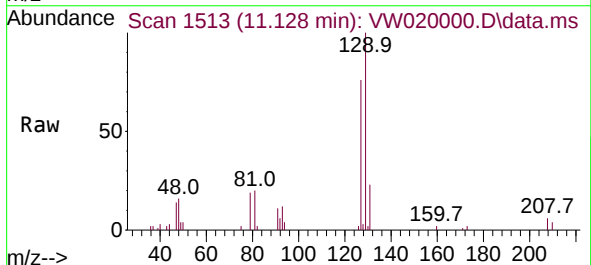
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

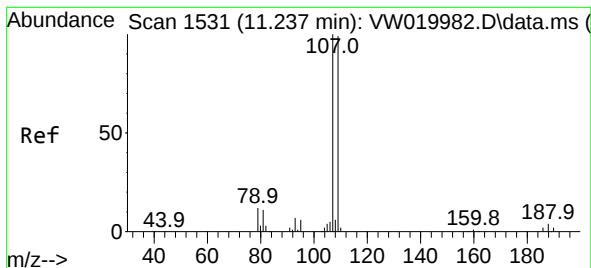
Tgt Ion: 43 Resp: 17356
Ion Ratio Lower Upper
43 100
58 51.9 27.4 82.0



#60
Dibromochloromethane
Concen: 4.744 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 129 Resp: 8972
Ion Ratio Lower Upper
129 100
127 73.7 38.9 116.7

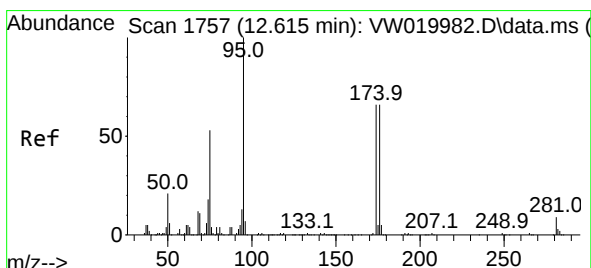
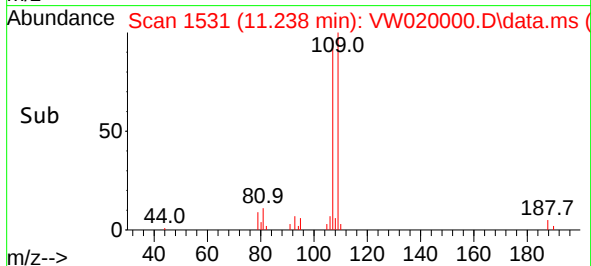
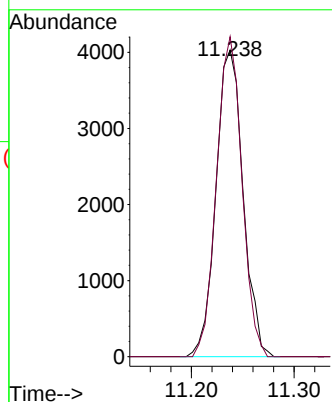
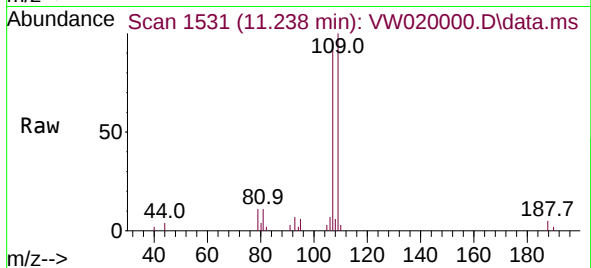




#61
1,2-Dibromoethane
Concen: 4.827 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

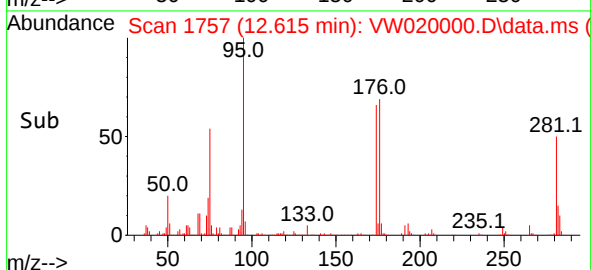
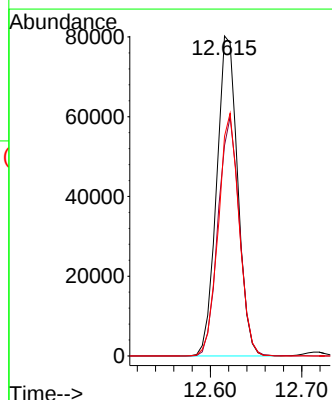
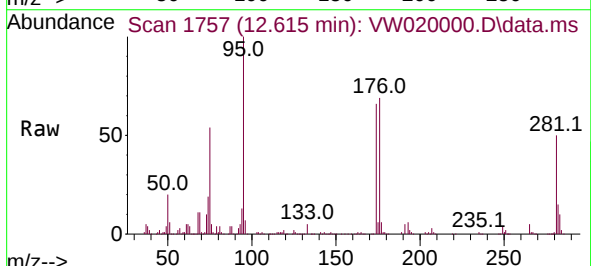
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

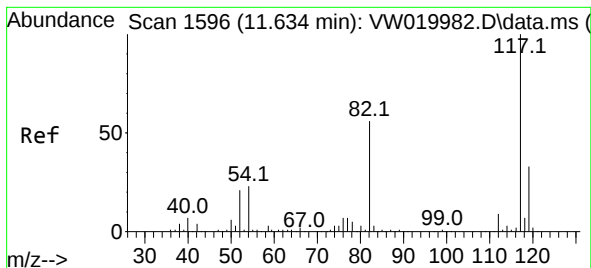
Tgt Ion:107 Resp: 7383
Ion Ratio Lower Upper
107 100
109 98.0 76.4 114.6



#62
4-Bromofluorobenzene
Concen: 46.952 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 95 Resp: 128612
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 74.9 0.0 146.4

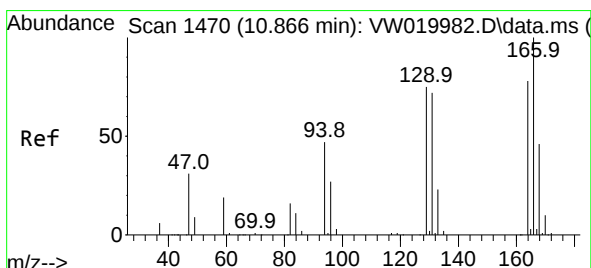
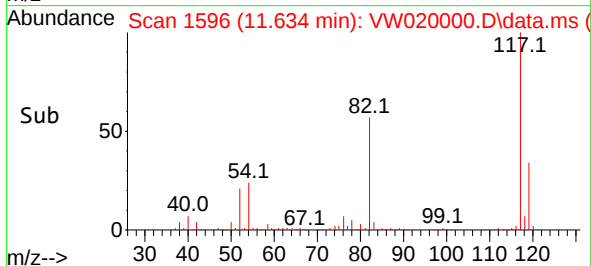
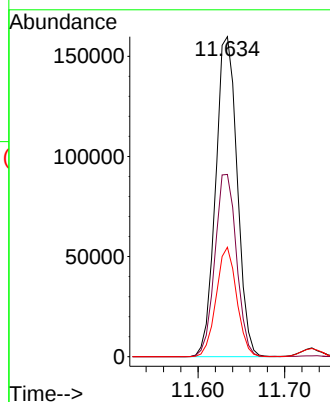
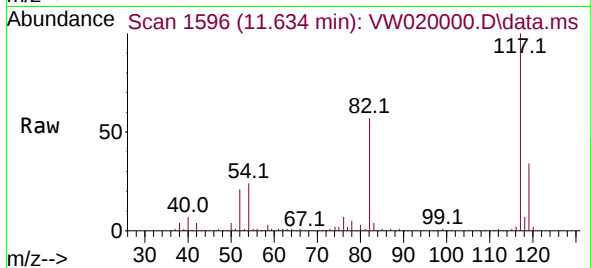




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

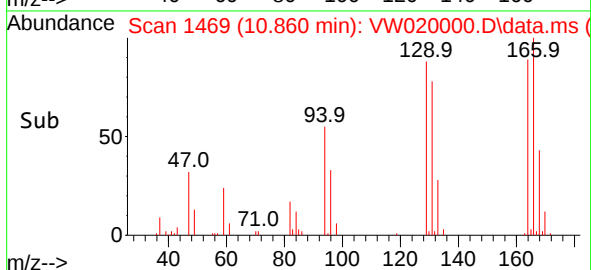
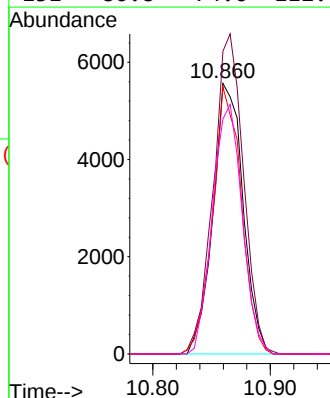
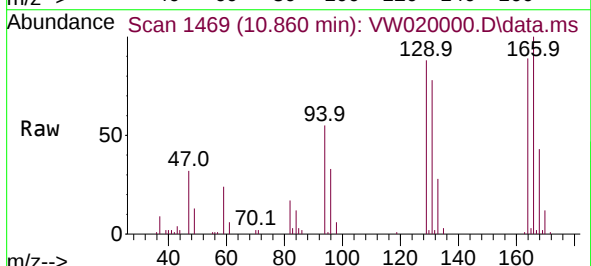
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

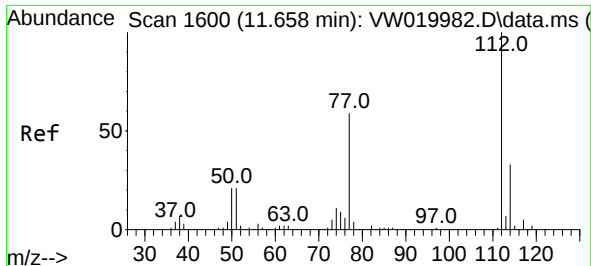
Tgt Ion:	117	Resp:	276250
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	34.2	26.2	39.2



#64
Tetrachloroethene
Concen: 5.153 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:	164	Resp:	9877
Ion	Ratio	Lower	Upper
164	100		
166	111.9	103.1	154.7
129	98.7	77.7	116.5
131	86.8	74.6	112.0

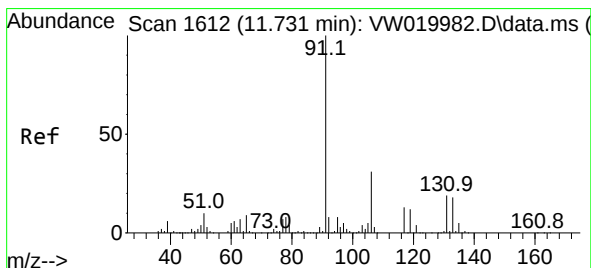
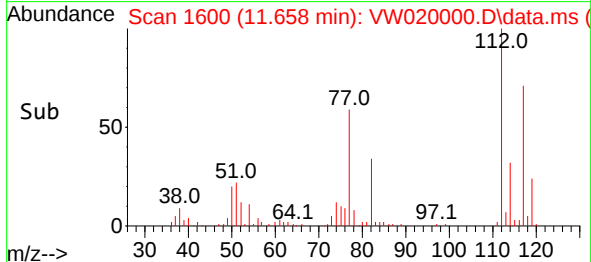
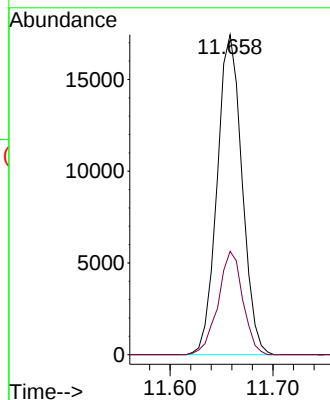
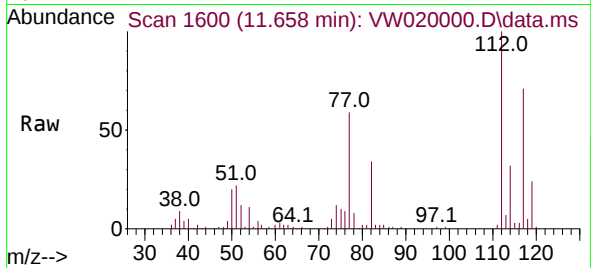




#65
Chlorobenzene
Concen: 4.935 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

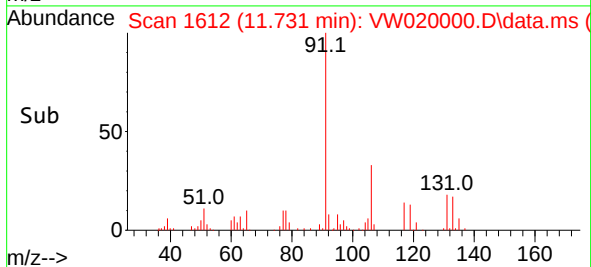
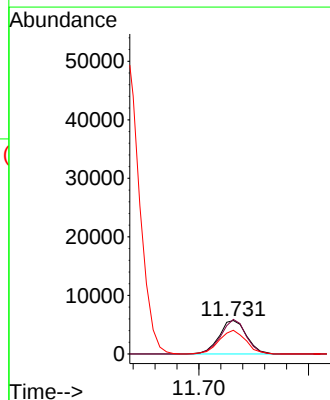
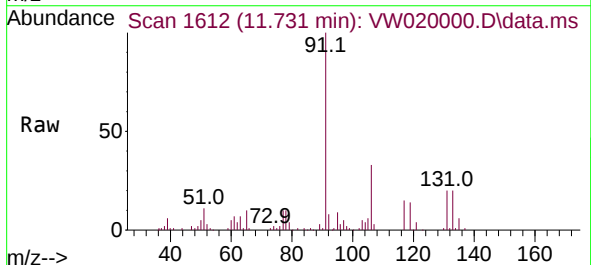
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

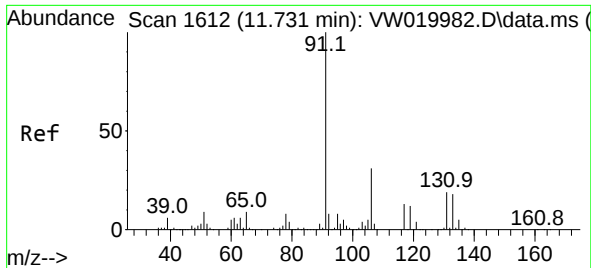
Tgt Ion:112 Resp: 29304
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.689 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:131 Resp: 9923
Ion Ratio Lower Upper
131 100
133 94.7 46.6 139.8
119 69.1 32.8 98.4

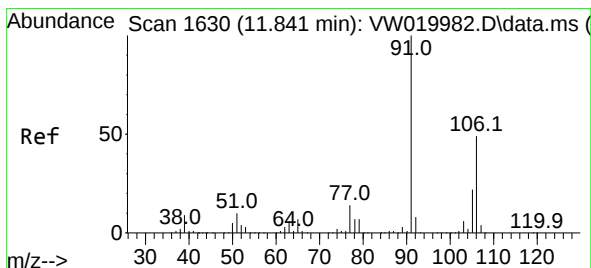
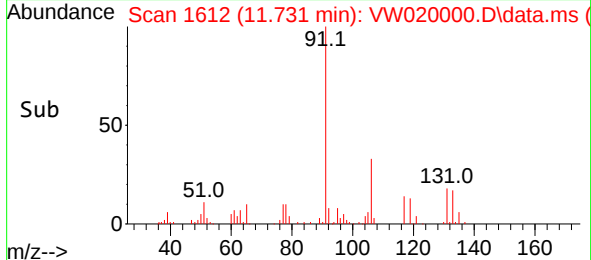
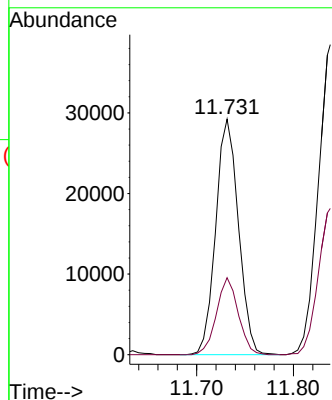
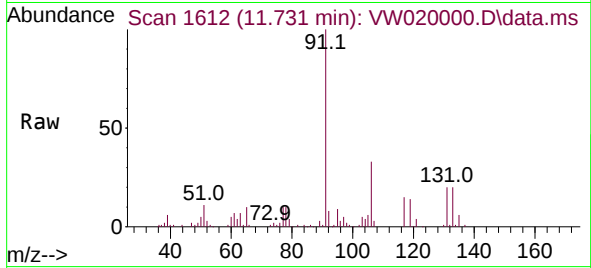




#67
Ethyl Benzene
Concen: 4.546 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

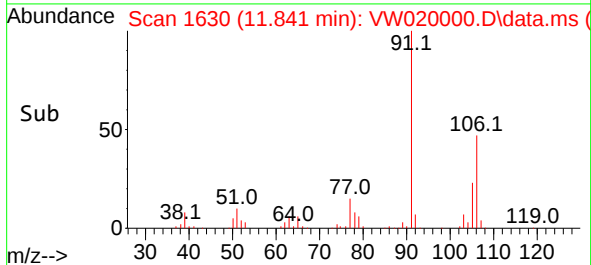
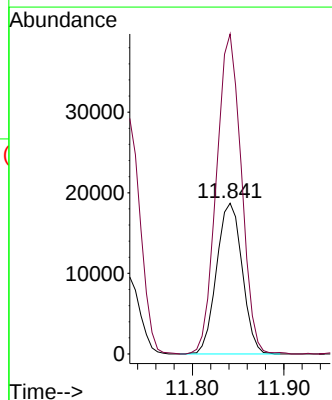
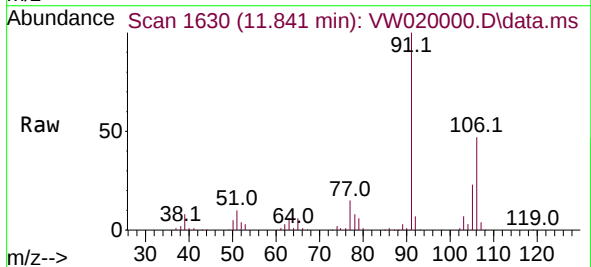
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

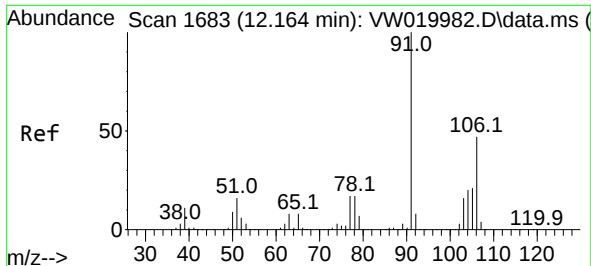
Tgt Ion: 91 Resp: 47622
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1



#68
m/p-Xylenes
Concen: 8.812 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 106 Resp: 36427
Ion Ratio Lower Upper
106 100
91 206.4 166.8 250.2

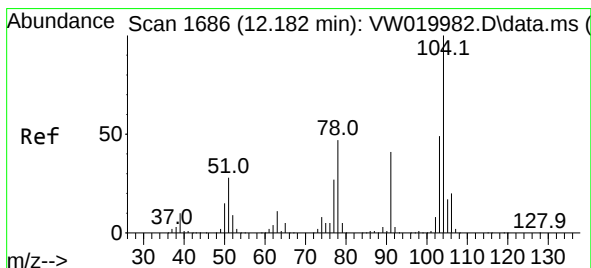
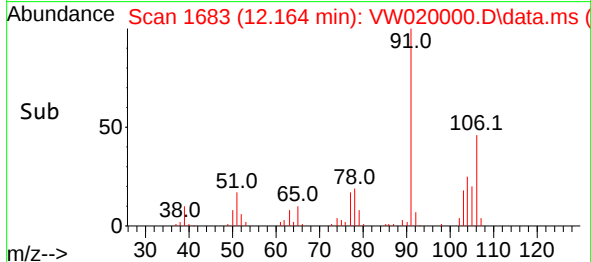
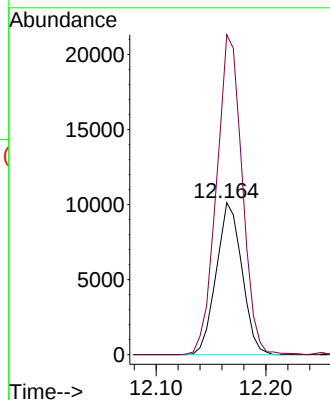
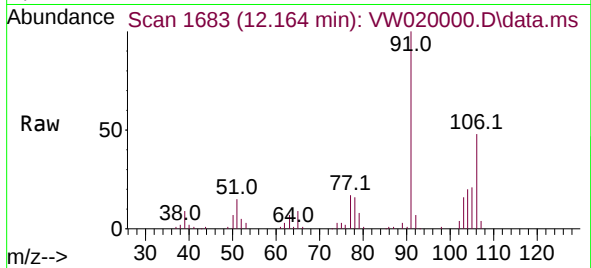




#69
o-Xylene
Concen: 4.351 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

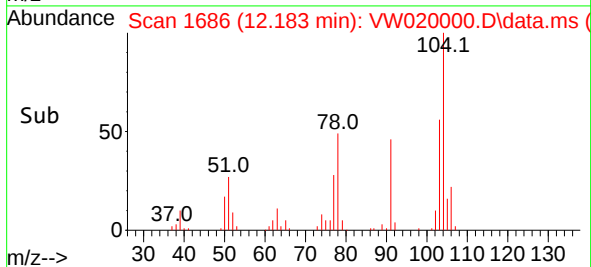
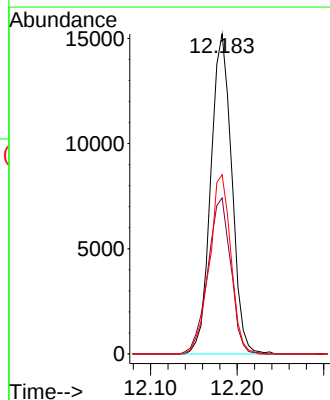
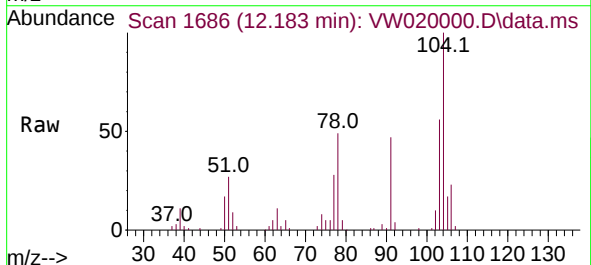
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

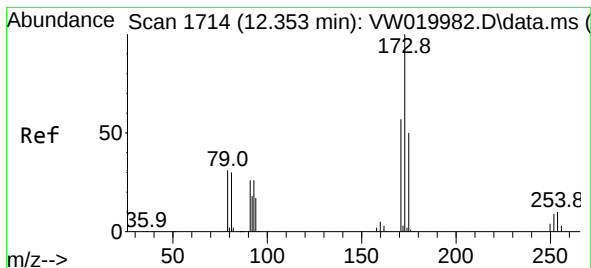
Tgt Ion:106 Resp: 16480
Ion Ratio Lower Upper
106 100
91 211.0 109.2 327.6



#70
Styrene
Concen: 3.988 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

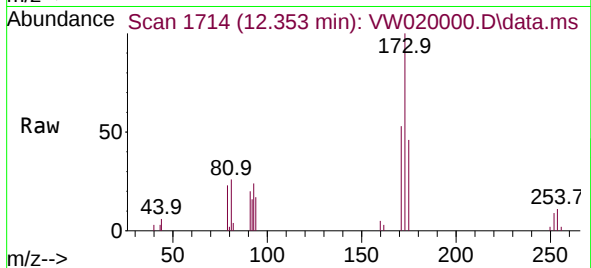
Tgt Ion:104 Resp: 25600
Ion Ratio Lower Upper
104 100
78 53.4 42.6 63.8
103 57.5 43.8 65.6



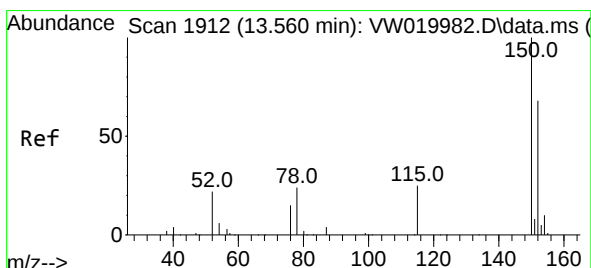
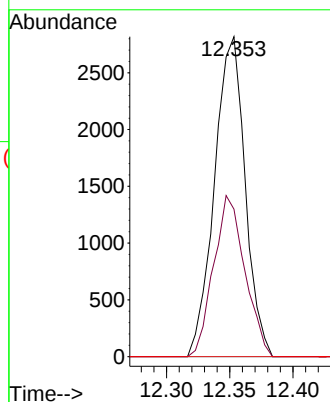
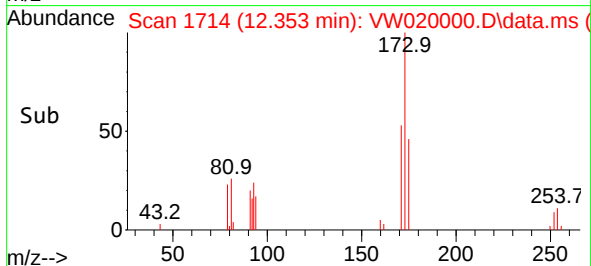


#71
Bromoform
Concen: 4.554 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

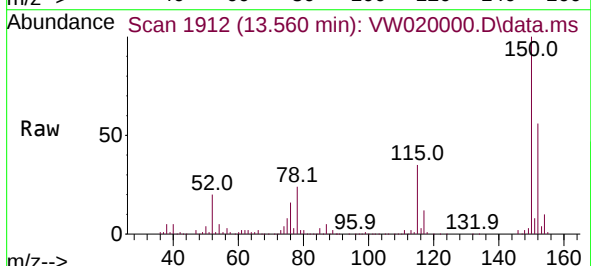
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



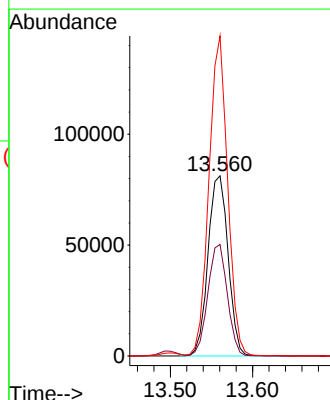
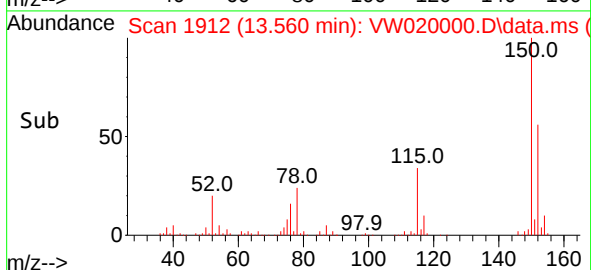
Tgt Ion:173 Resp: 4744
Ion Ratio Lower Upper
173 100
175 51.3 24.6 73.8
254 0.0 0.0 0.0

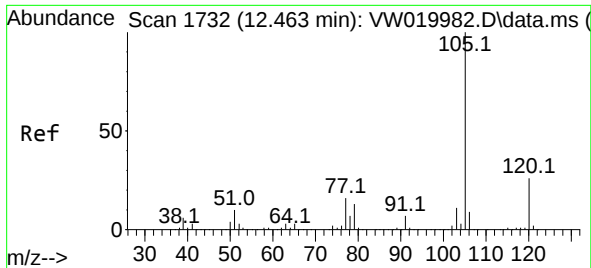


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10



Tgt Ion:152 Resp: 137828
Ion Ratio Lower Upper
152 100
115 60.1 30.8 92.3
150 165.4 0.0 359.2

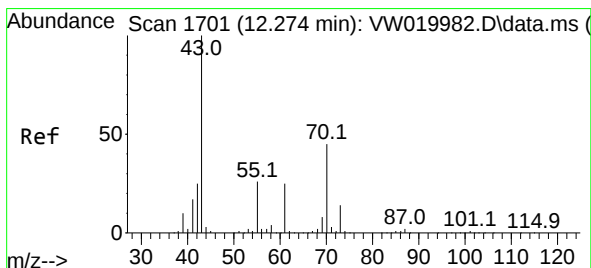
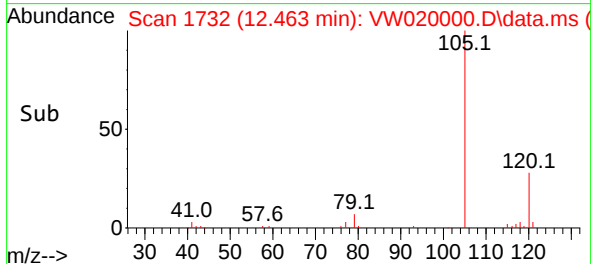
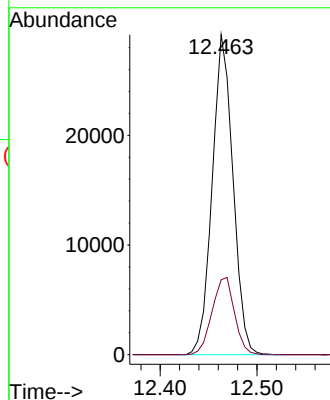
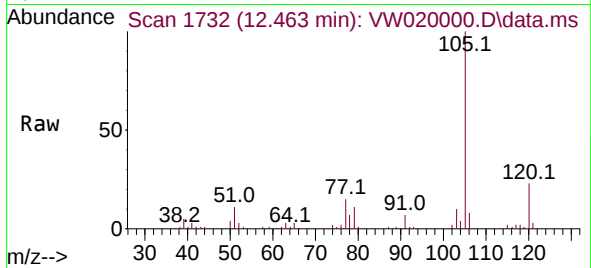




#73
Isopropylbenzene
Concen: 4.459 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

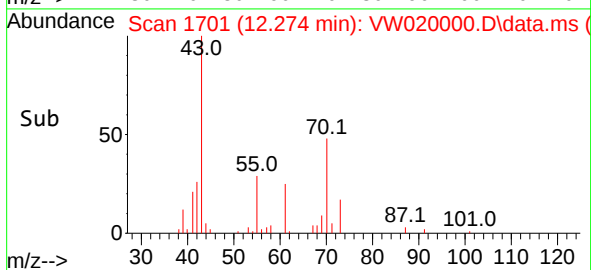
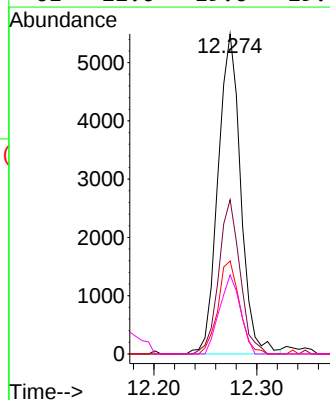
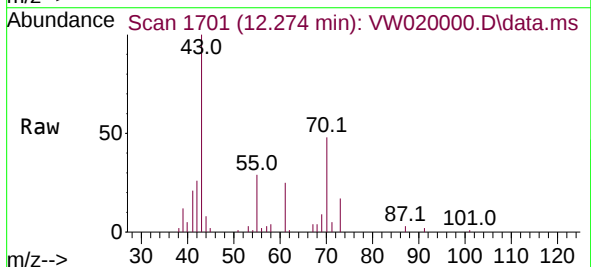
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

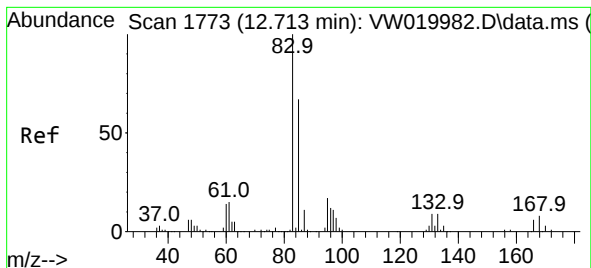
Tgt Ion:105 Resp: 43481
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 4.200 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 43 Resp: 8407
Ion Ratio Lower Upper
43 100
70 45.2 35.1 52.7
55 27.6 21.4 32.2
61 22.6 19.6 29.4

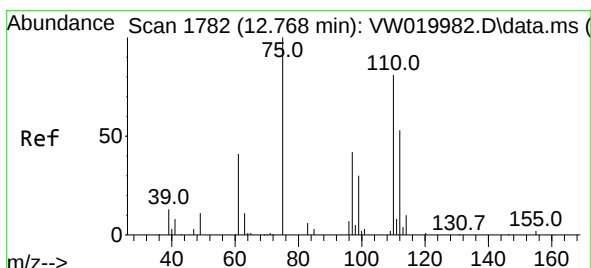
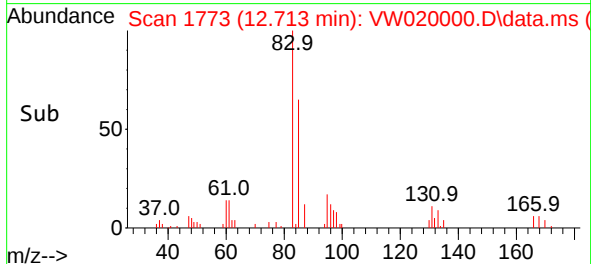
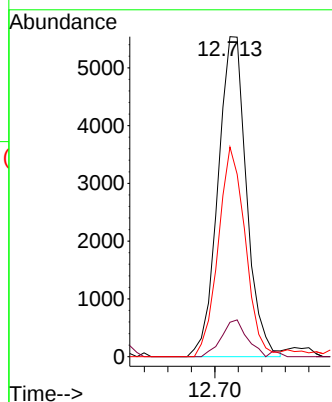
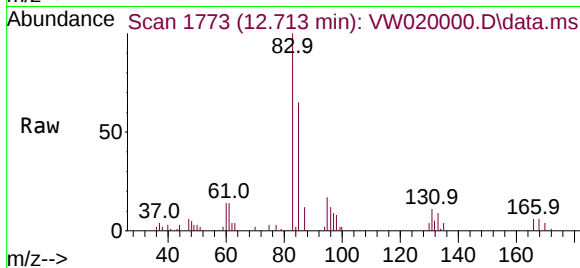




#75
1,1,2,2-Tetrachloroethane
Concen: 5.216 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

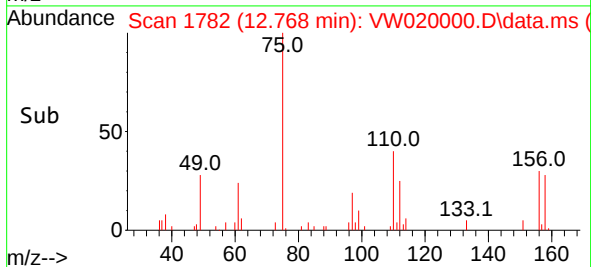
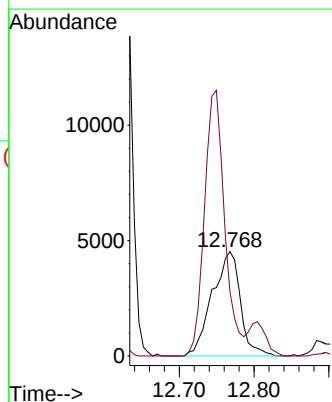
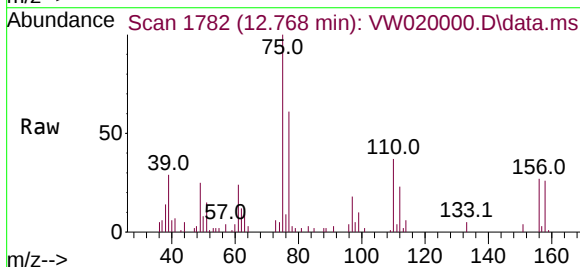
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

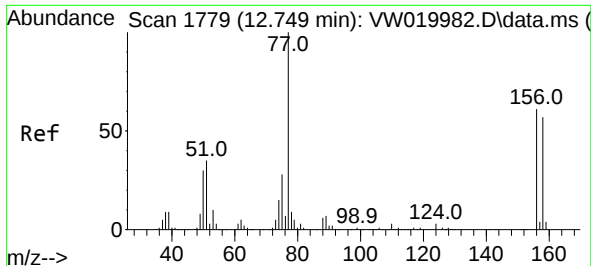
Tgt Ion: 83 Resp: 9341
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.8
85 62.1 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 9.241 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 75 Resp: 11831
Ion Ratio Lower Upper
75 100
77 183.4 0.0 0.0#

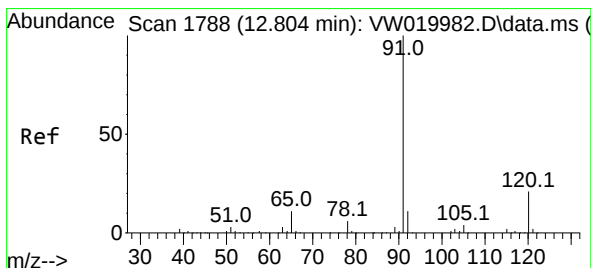
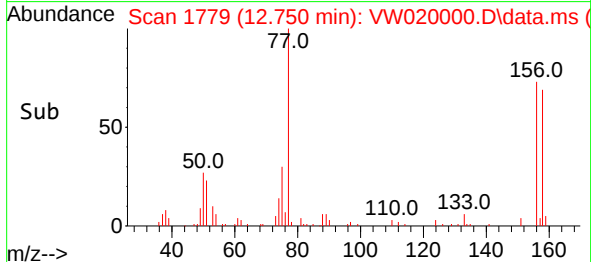
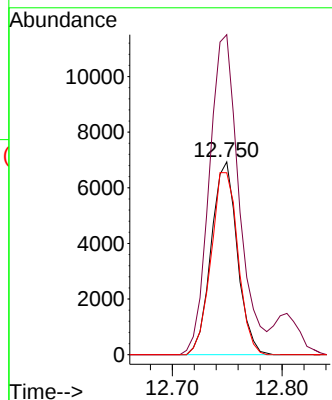
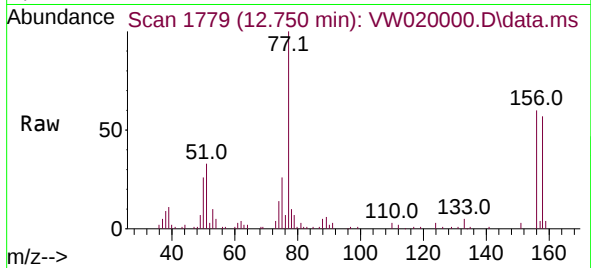




#77
Bromobenzene
Concen: 5.063 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

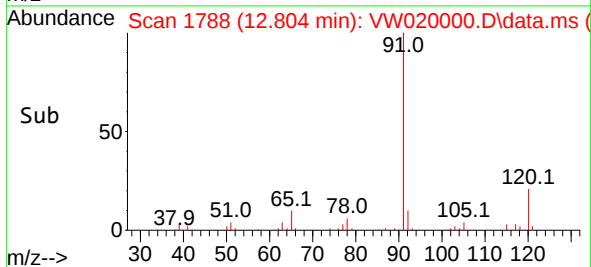
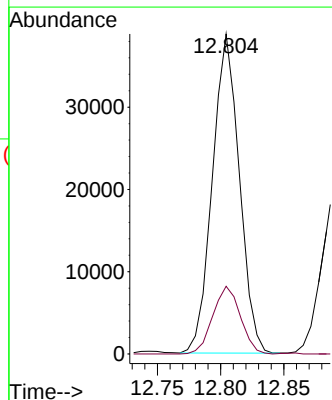
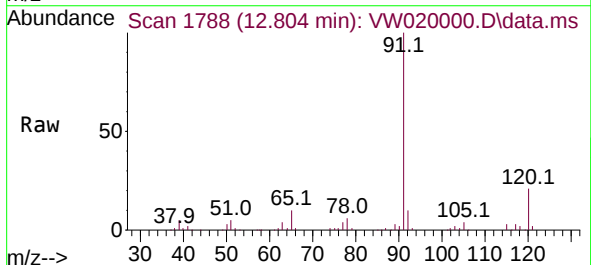
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

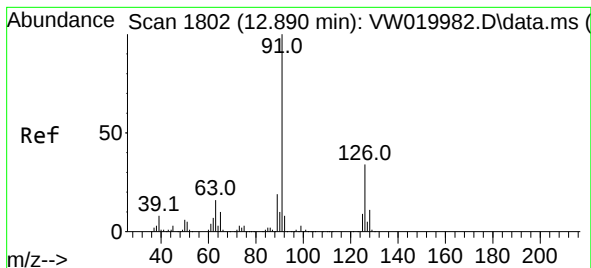
Tgt Ion:156 Resp: 11454
Ion Ratio Lower Upper
156 100
77 189.4 96.6 289.8
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 4.676 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 91 Resp: 57428
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7

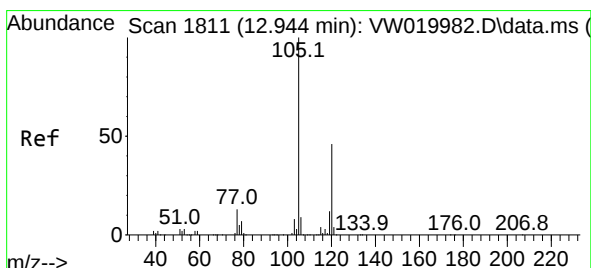
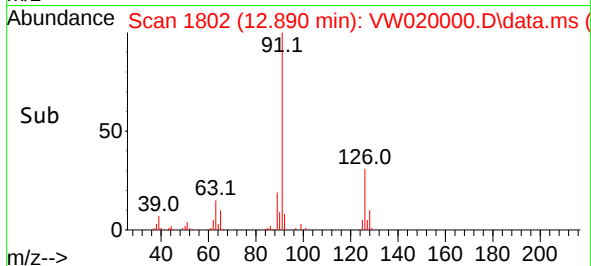
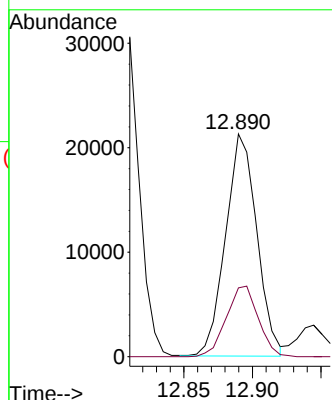
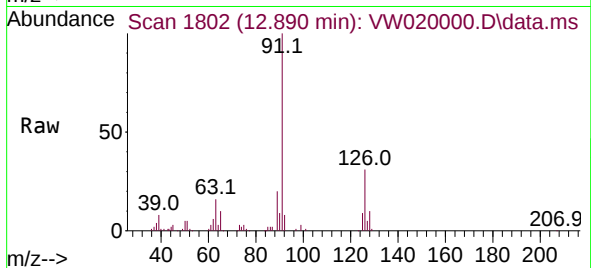




#79
2-Chlorotoluene
Concen: 4.715 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

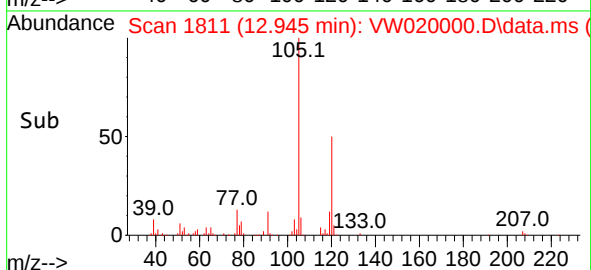
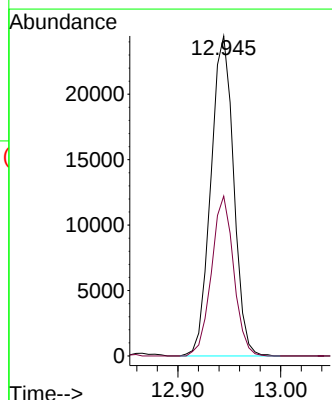
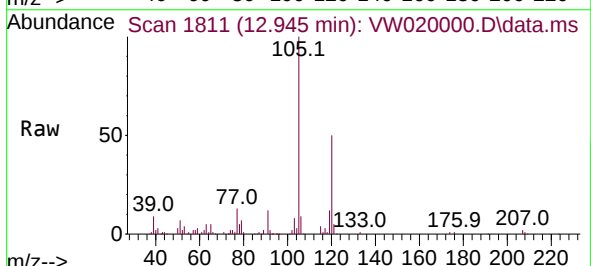
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

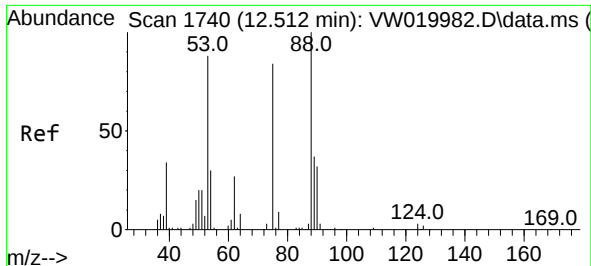
Tgt Ion: 91 Resp: 33703
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 4.380 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

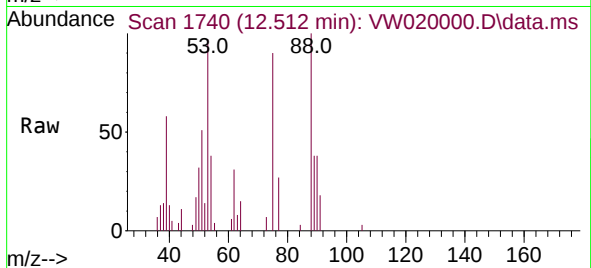
Tgt Ion: 105 Resp: 37650
Ion Ratio Lower Upper
105 100
120 48.6 23.8 71.4



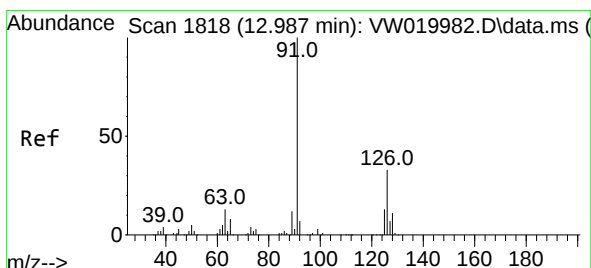
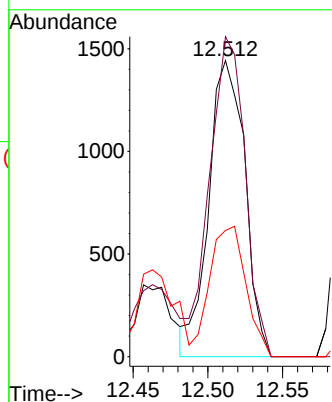
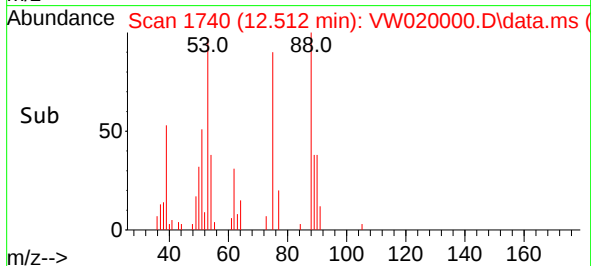


#81
trans-1,4-Dichloro-2-butene
Concen: 4.583 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

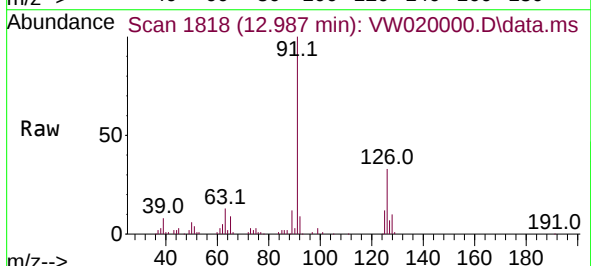
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



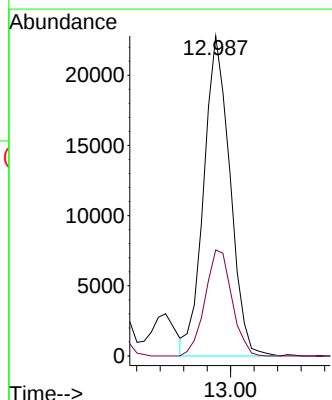
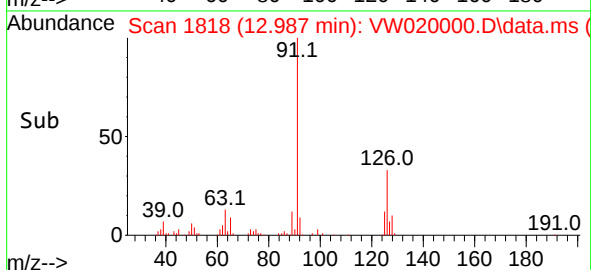
Tgt Ion:	75	Resp:	2424
Ion	Ratio	Lower	Upper
75	100		
53	104.5	86.1	129.1
89	44.3	37.7	56.5

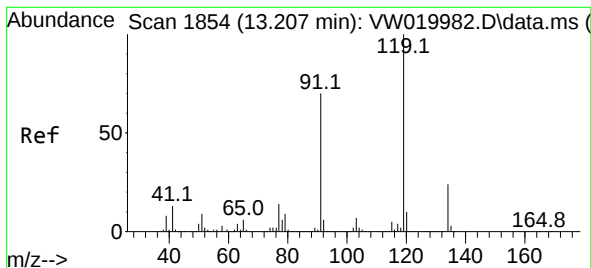


#82
4-Chlorotoluene
Concen: 4.697 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10



Tgt Ion:	91	Resp:	35293
Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.1	48.2

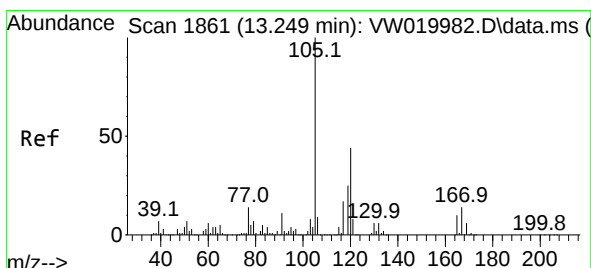
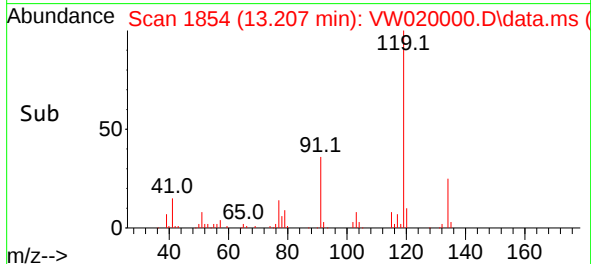
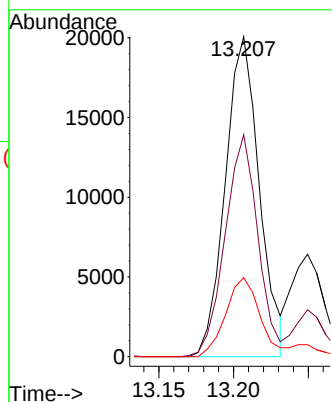
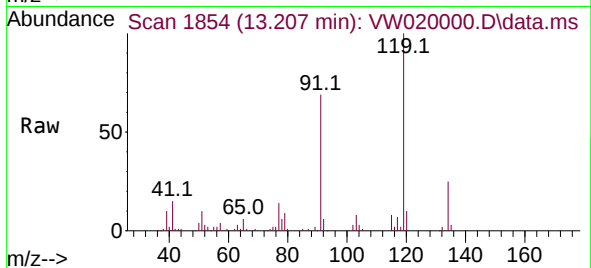




#83
tert-Butylbenzene
Concen: 4.414 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

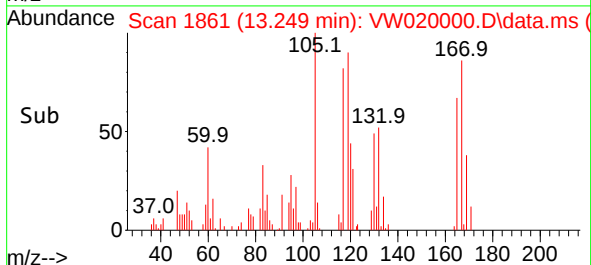
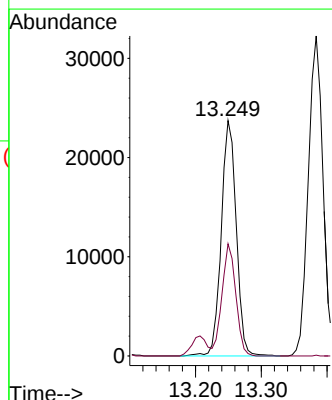
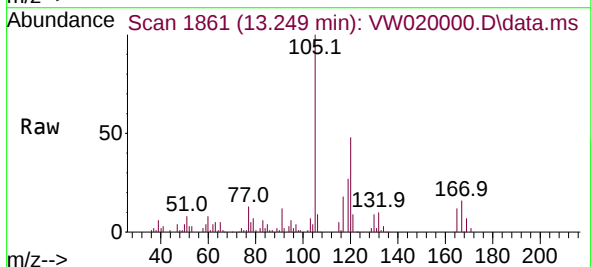
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

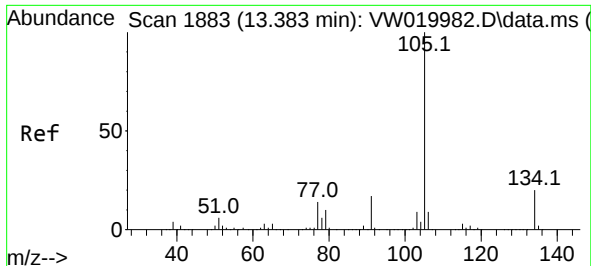
Tgt Ion:119 Resp: 31786
Ion Ratio Lower Upper
119 100
91 66.8 35.0 105.0
134 25.1 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 4.478 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:105 Resp: 37702
Ion Ratio Lower Upper
105 100
120 43.7 21.4 64.3

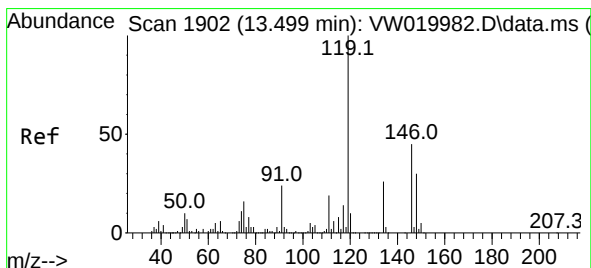
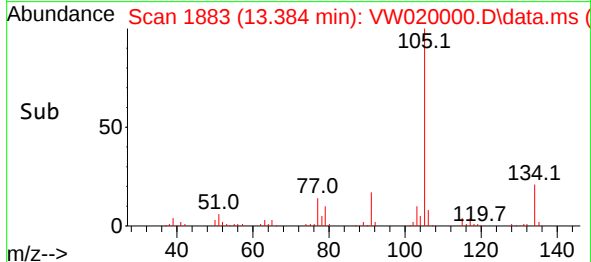
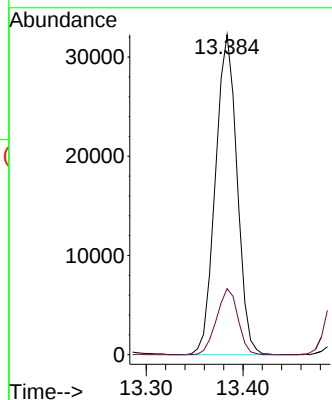
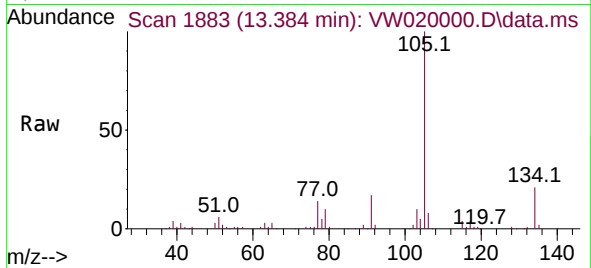




#85
 sec-Butylbenzene
 Concen: 4.582 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.001 min
 Lab File: VW020000.D
 Acq: 08 Sep 2021 14:10

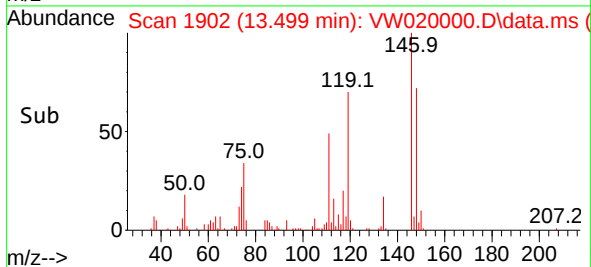
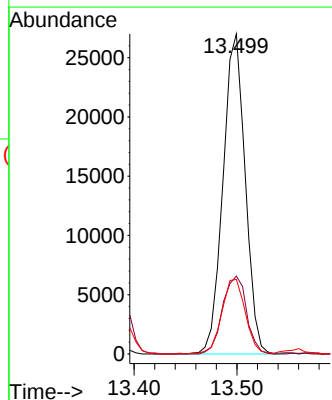
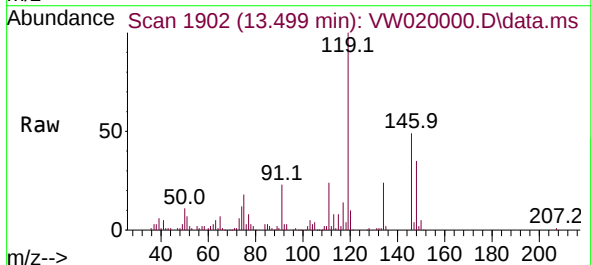
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

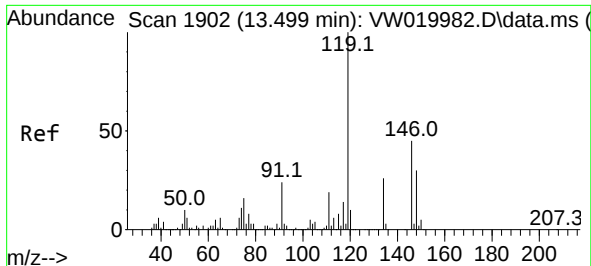
Tgt Ion:105 Resp: 50085
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.392 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW020000.D
 Acq: 08 Sep 2021 14:10

Tgt Ion:119 Resp: 40431
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 24.9 12.4 37.0



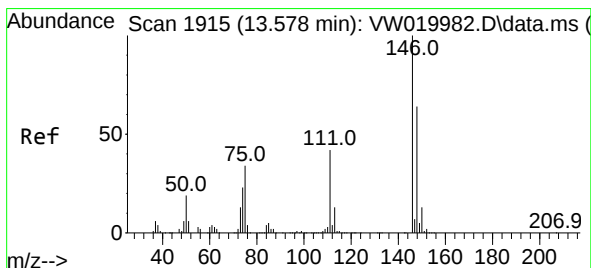
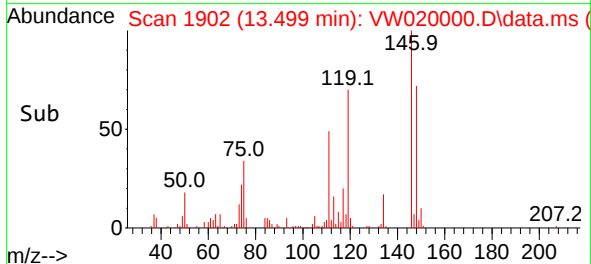
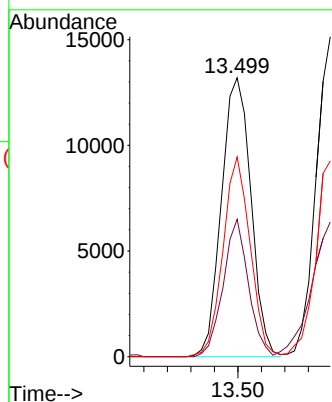
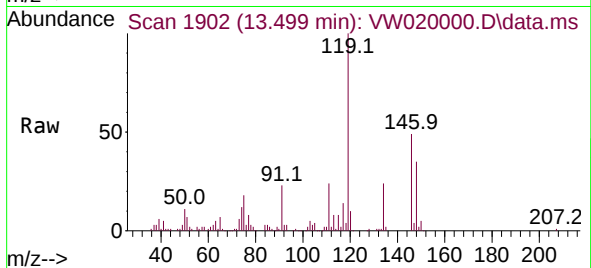


#87

1,3-Dichlorobenzene
Concen: 4.795 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

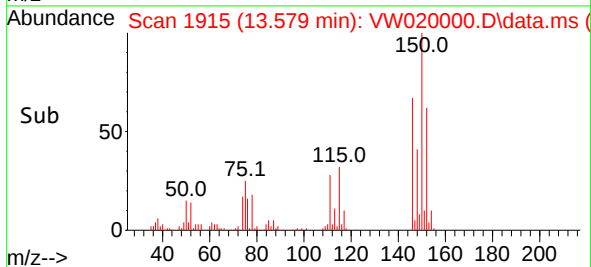
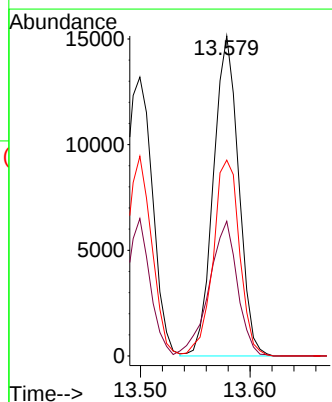
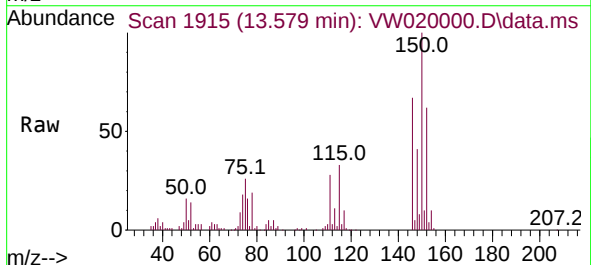
Tgt Ion:146 Resp: 23000
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 65.9 32.0 96.2

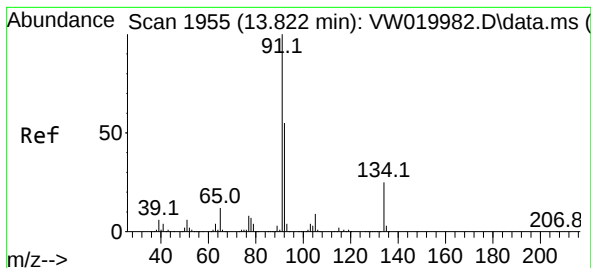


#88

1,4-Dichlorobenzene
Concen: 5.090 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

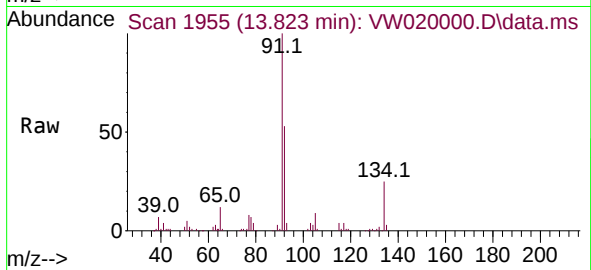
Tgt Ion:146 Resp: 24229
Ion Ratio Lower Upper
146 100
111 47.3 20.9 62.8
148 64.3 31.7 95.1



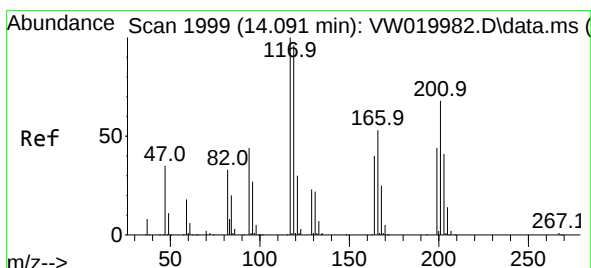
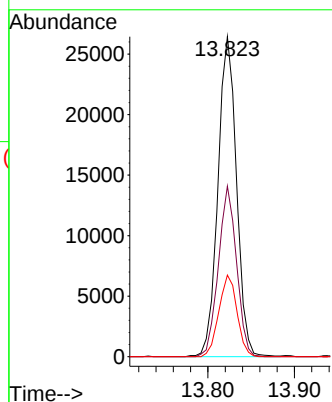
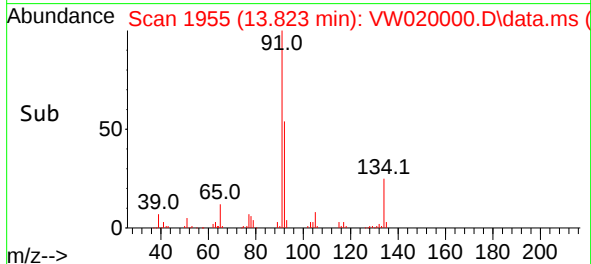


#89
n-Butylbenzene
Concen: 4.467 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

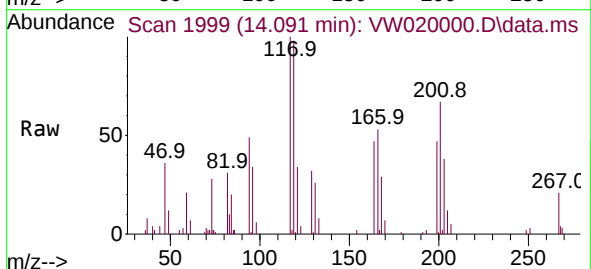
Instrument :
MSVOA_W
ClientSampleId :
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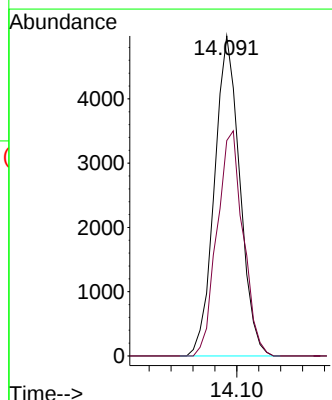
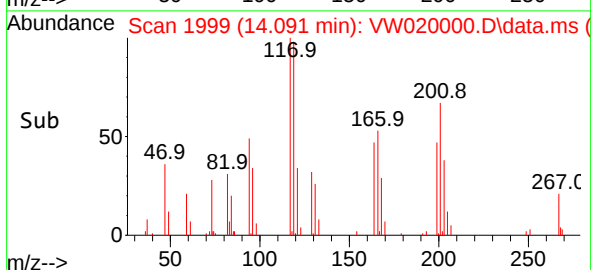
Tgt Ion: 91 Resp: 39396
Ion Ratio Lower Upper
91 100
92 52.0 27.1 81.3
134 24.9 12.4 37.2

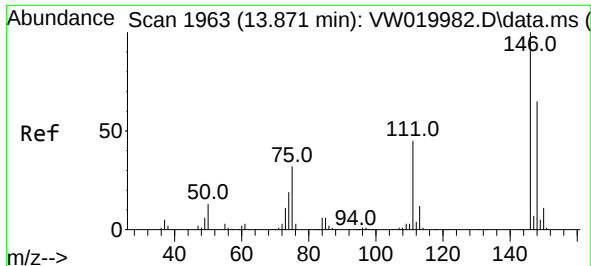


#90
Hexachloroethane
Concen: 4.548 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10



Tgt Ion: 117 Resp: 8001
Ion Ratio Lower Upper
117 100
201 72.6 34.7 104.1

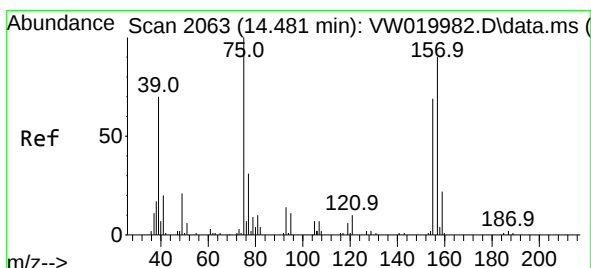
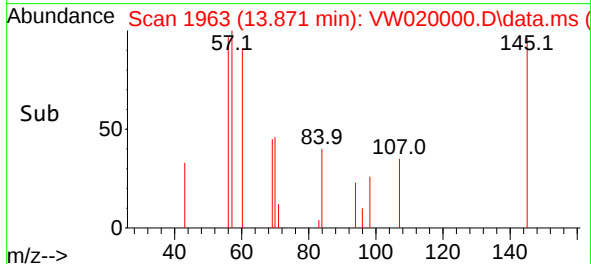
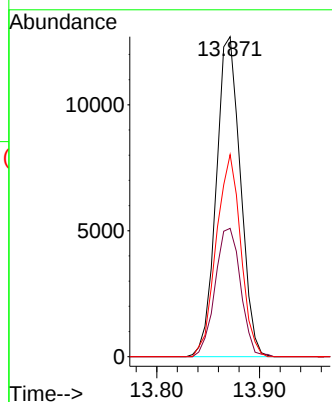
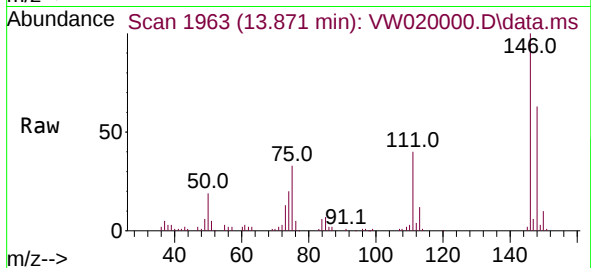




#91
1,2-Dichlorobenzene
Concen: 4.984 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

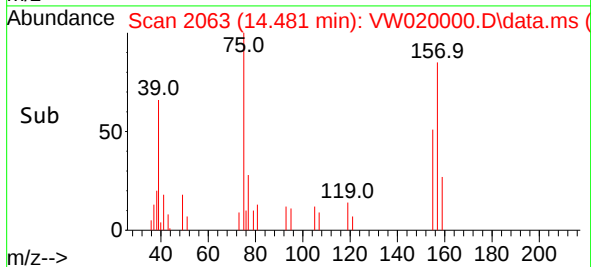
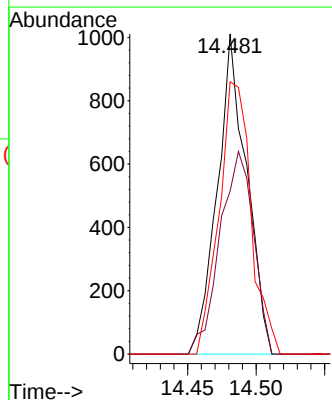
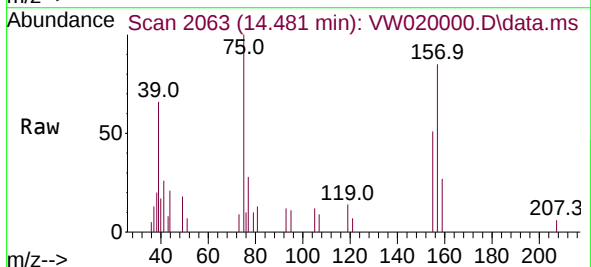
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

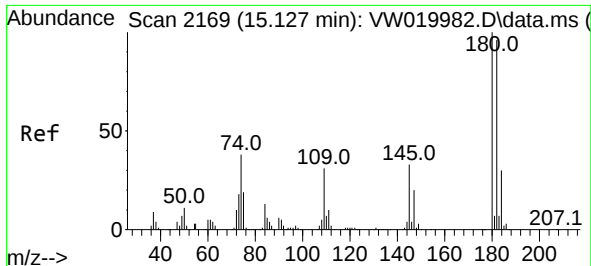
Tgt Ion:146 Resp: 20764
Ion Ratio Lower Upper
146 100
111 42.3 21.8 65.4
148 63.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.115 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion: 75 Resp: 1503
Ion Ratio Lower Upper
75 100
155 72.7 37.6 112.9
157 92.8 47.6 142.8

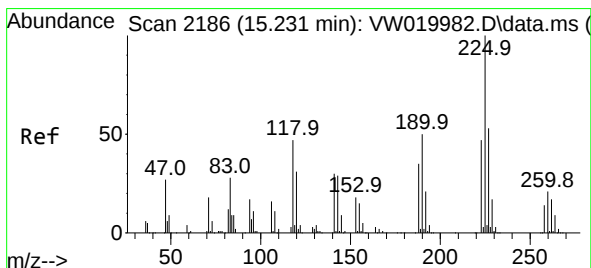
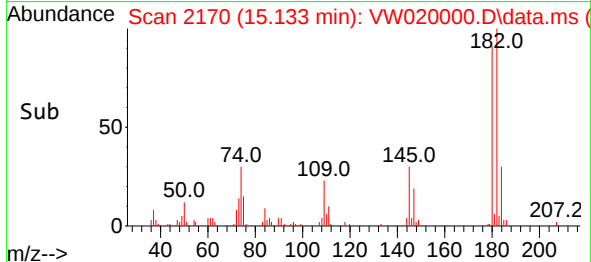
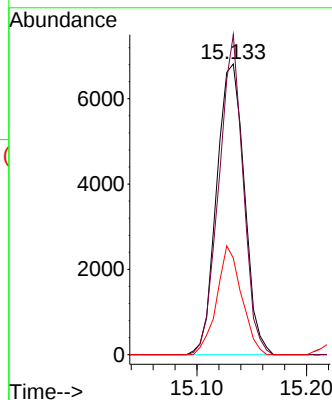
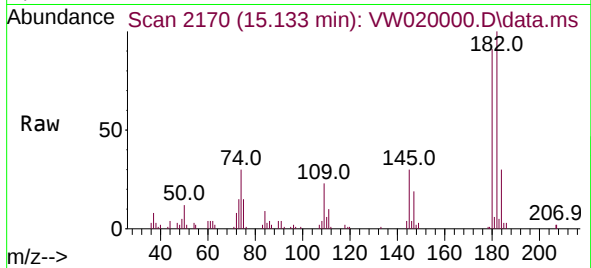




#93
1,2,4-Trichlorobenzene
Concen: 4.719 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

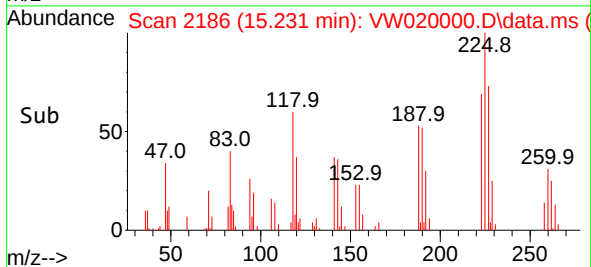
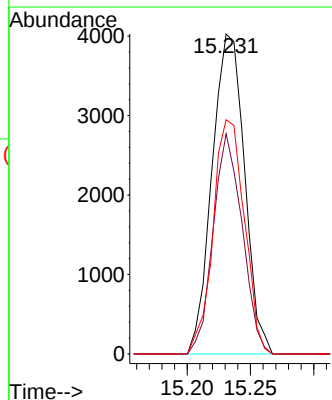
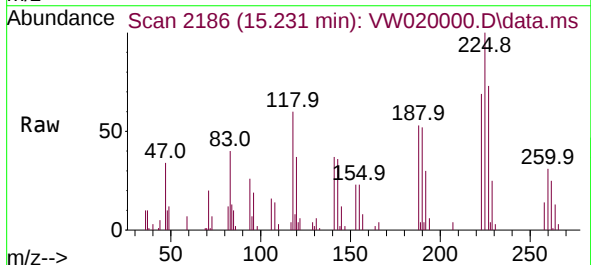
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

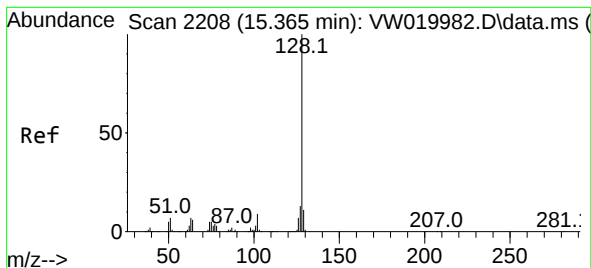
Tgt Ion:180 Resp: 11986
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.0
145 33.5 16.3 48.9



#94
Hexachlorobutadiene
Concen: 4.757 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:225 Resp: 7177
Ion Ratio Lower Upper
225 100
223 61.5 30.2 90.6
227 70.5 30.1 90.5

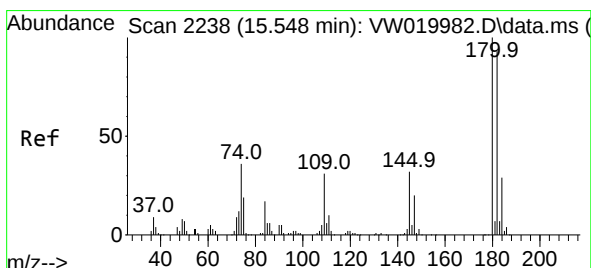
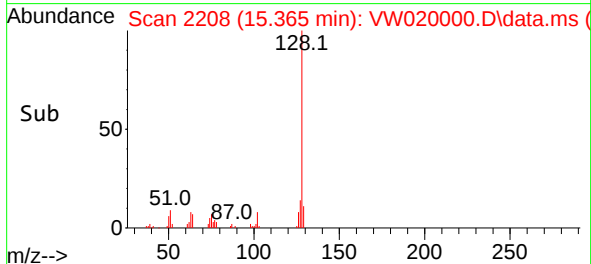
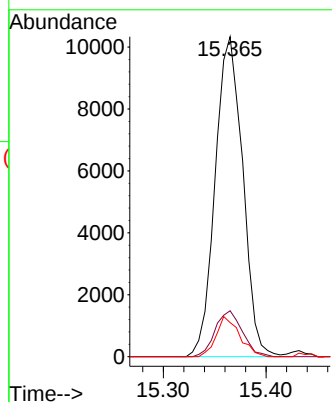
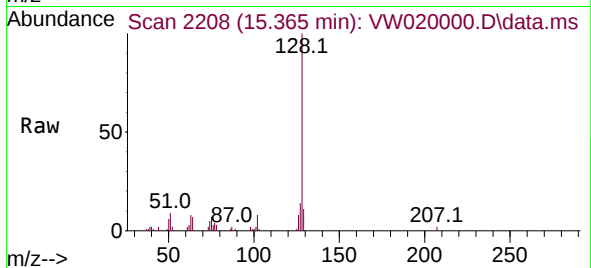




#95
Naphthalene
Concen: 4.375 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Tgt Ion:128	Resp:	19227
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.4 15.6
129	10.7	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.838 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020000.D
Acq: 08 Sep 2021 14:10

Tgt Ion:180	Resp:	10771
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.9 143.7
145	33.9	16.4 49.2

