

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069827.D
 Acq On : 23 Jul 2021 14:25
 Operator : VA/SY
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 24 02:18:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 24 02:17:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	523540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	977748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	905746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	408902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	354900	58.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.880%	
35) Dibromofluoromethane	7.914	113	353142	57.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.580%	
50) Toluene-d8	10.338	98	1343030	56.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.020%	
62) 4-Bromofluorobenzene	12.626	95	430547	54.205	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	33216	6.028	ug/l	99
3) Chloromethane	2.209	50	45992	5.754	ug/l	94
4) Vinyl Chloride	2.350	62	47983	5.707	ug/l	94
5) Bromomethane	2.768	94	36382	6.607	ug/l	92
6) Chloroethane	2.920	64	30455	5.589	ug/l	95
7) Trichlorofluoromethane	3.273	101	63618	6.129	ug/l	94
8) Diethyl Ether	3.703	74	17580	6.022	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	40810	6.191	ug/l	97
10) Methyl Iodide	4.303	142	28344	4.921	ug/l	97
11) Tert butyl alcohol	5.185	59	5214	16.735	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	33688	5.624	ug/l	97
13) Acrolein	3.914	56	12138	27.831	ug/l #	14
14) Allyl chloride	4.714	41	47009	5.353	ug/l	96
15) Acrylonitrile	5.432	53	36628	26.670	ug/l	97
16) Acetone	4.156	43	33813	31.087	ug/l	97
17) Carbon Disulfide	4.409	76	120376	5.620	ug/l	98
18) Methyl Acetate	4.720	43	20304	6.434	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	63720	5.134	ug/l	94
20) Methylene Chloride	4.967	84	200565	20.245	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	41667	5.903	ug/l	89
22) Diisopropyl ether	6.361	45	96323	5.047	ug/l	95
23) Vinyl Acetate	6.303	43	206388	22.576	ug/l	100
24) 1,1-Dichloroethane	6.267	63	75382	5.719	ug/l	99
25) 2-Butanone	7.208	43	38695	26.233	ug/l	97
26) 2,2-Dichloropropane	7.203	77	60932	6.079	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	41312	5.485	ug/l	97
28) Bromochloromethane	7.544	49	28229	5.641	ug/l	97
29) Tetrahydrofuran	7.561	42	23712	24.847	ug/l	99
30) Chloroform	7.708	83	77318	5.834	ug/l	93
31) Cyclohexane	7.985	56	71036	6.038	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	64830	5.910	ug/l	98
36) 1,1-Dichloropropene	8.108	75	53642	5.084	ug/l	97
37) Ethyl Acetate	7.285	43	18133	4.721	ug/l	95
38) Carbon Tetrachloride	8.097	117	51325	5.325	ug/l	99
39) Methylcyclohexane	9.355	83	58616	4.851	ug/l	95
40) Benzene	8.350	78	166017	5.431	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	11573	5.741	ug/l	92
42) 1,2-Dichloroethane	8.420	62	44467	5.500	ug/l	98
43) Isopropyl Acetate	8.455	43	35191	5.108	ug/l	94
44) Trichloroethene	9.108	130	42695	5.671	ug/l	94
45) 1,2-Dichloropropane	9.385	63	43613	5.432	ug/l	95
46) Dibromomethane	9.479	93	21682	5.493	ug/l	99
47) Bromodichloromethane	9.655	83	56925	5.551	ug/l	98
48) Methyl methacrylate	9.455	41	14499	4.375	ug/l	87
49) 1,4-Dioxane	9.455	88	4127	98.971	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	88828	24.778	ug/l	95
52) Toluene	10.402	92	100102	5.398	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	48132	5.592	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	56128	5.386	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	30672	5.502	ug/l	96
56) Ethyl methacrylate	10.655	69	30404	4.981	ug/l	95
57) 1,3-Dichloropropane	10.938	76	49974	5.298	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	65563	25.075	ug/l	98
59) 2-Hexanone	10.979	43	55932	23.587	ug/l	92
60) Dibromochloromethane	11.138	129	34417	5.451	ug/l	99
61) 1,2-Dibromoethane	11.238	107	25773	5.135	ug/l	91
64) Tetrachloroethene	10.873	164	34003	5.889	ug/l	95
65) Chlorobenzene	11.667	112	108771	5.796	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.738	131	39172	5.803	ug/l	97
67) Ethyl Benzene	11.738	91	165203	5.001	ug/l	98
68) m/p-Xylenes	11.843	106	123763	9.664	ug/l	98
69) o-Xylene	12.173	106	54160	4.652	ug/l	97
70) Styrene	12.191	104	93716	4.645	ug/l	98
71) Bromoform	12.349	173	17667	5.389	ug/l #	100
73) Isopropylbenzene	12.473	105	140808	4.793	ug/l	97
74) N-amyl acetate	12.279	43	29484	4.879	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	35174	5.995	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	42262	9.724	ug/l #	1
77) Bromobenzene	12.749	156	37353	5.645	ug/l	98
78) n-propylbenzene	12.814	91	195886	5.191	ug/l	100
79) 2-Chlorotoluene	12.902	91	118207	5.393	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	121908	4.851	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	7964	5.559	ug/l	94
82) 4-Chlorotoluene	12.996	91	117387	5.123	ug/l	97
83) tert-Butylbenzene	13.214	119	96226	4.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	116643	4.704	ug/l	97
85) sec-Butylbenzene	13.390	105	157297	4.869	ug/l	98
86) p-Isopropyltoluene	13.508	119	120795	4.603	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	76467	5.504	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	77266	5.580	ug/l	95
89) n-Butylbenzene	13.832	91	125167	4.833	ug/l	99
90) Hexachloroethane	14.102	117	30752	5.532	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	65550	5.467	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5136	6.079	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	33561	5.188	ug/l	98
94) Hexachlorobutadiene	15.255	225	22486	5.682	ug/l	96
95) Naphthalene	15.384	128	54453	4.715	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	28910	5.167	ug/l	98

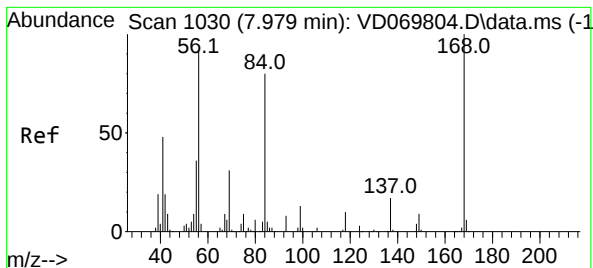
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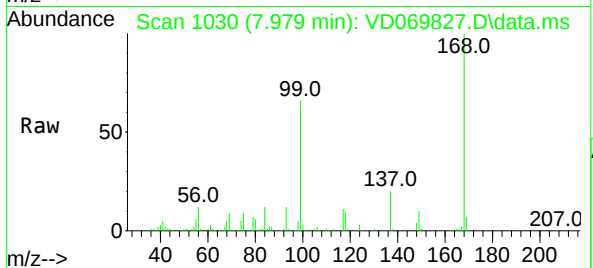
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

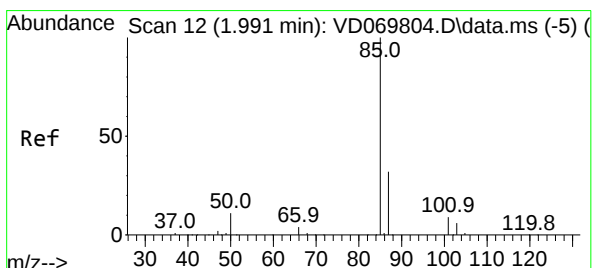
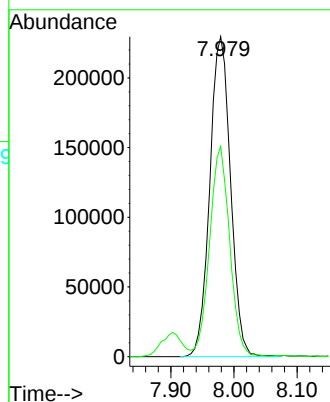
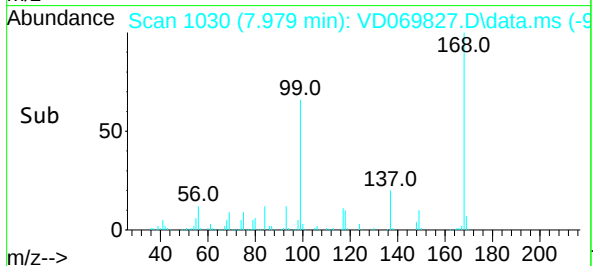


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

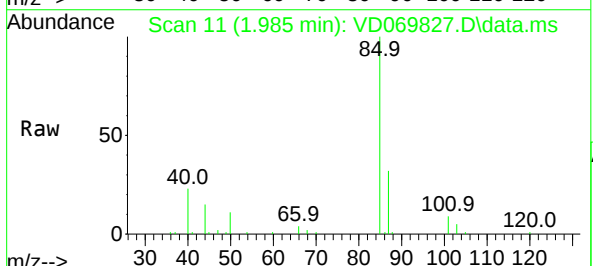
Instrument :
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ClientSampleId :
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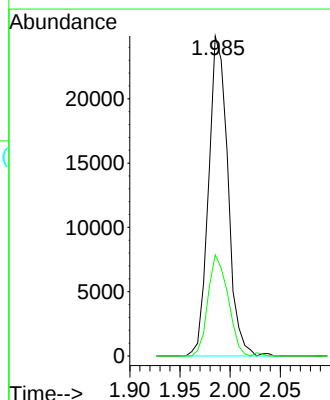
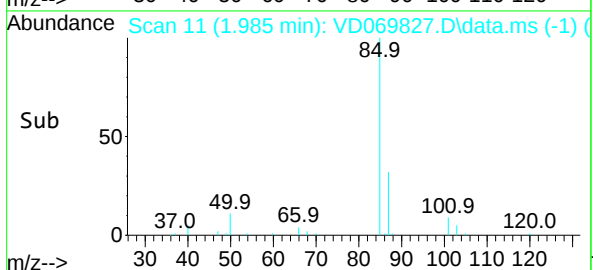
Tgt Ion:168 Resp: 523540
Ion Ratio Lower Upper
168 100
99 65.4 51.1 76.7

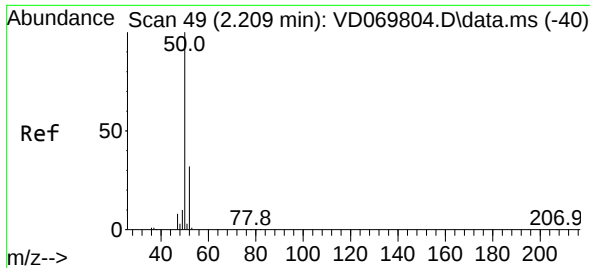


#2
Dichlorodifluoromethane
Concen: 6.028 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25



Tgt Ion: 85 Resp: 33216
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.3

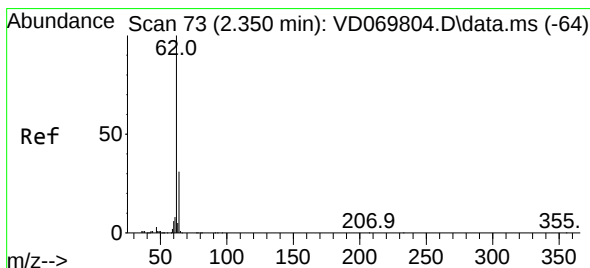
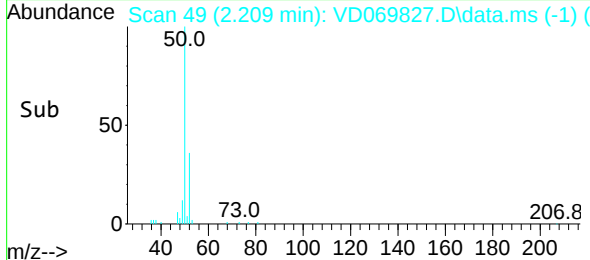
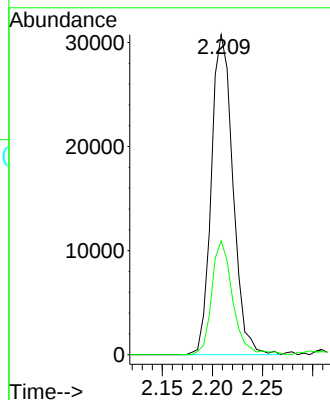
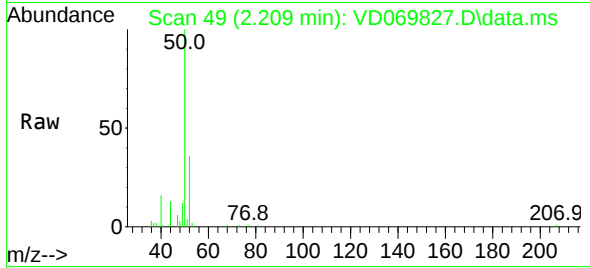




#3
Chloromethane
Concen: 5.754 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

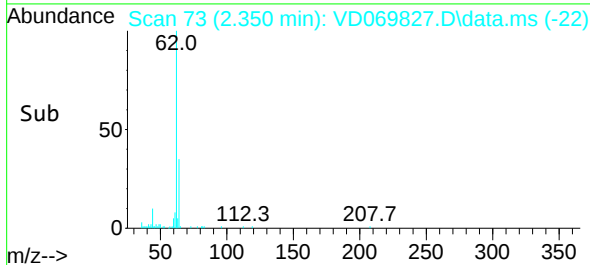
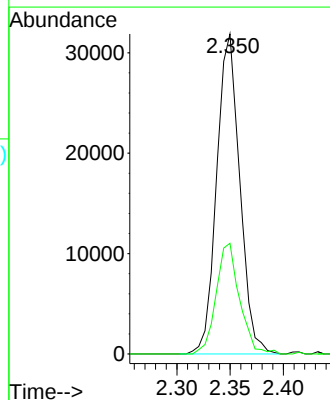
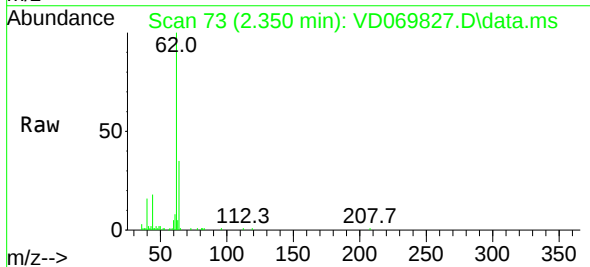
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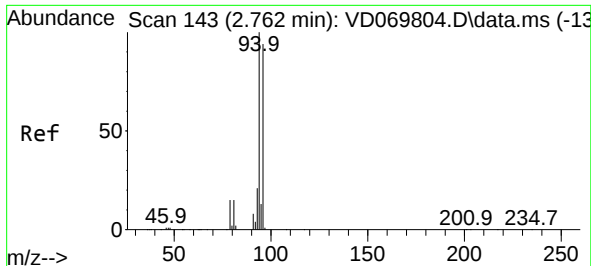
Tgt Ion: 50 Resp: 45992
Ion Ratio Lower Upper
50 100
52 35.6 25.7 38.5



#4
Vinyl Chloride
Concen: 5.707 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 62 Resp: 47983
Ion Ratio Lower Upper
62 100
64 34.6 25.0 37.4

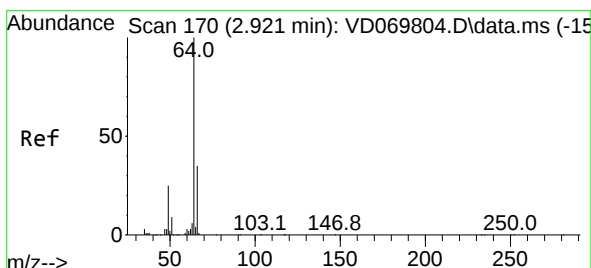
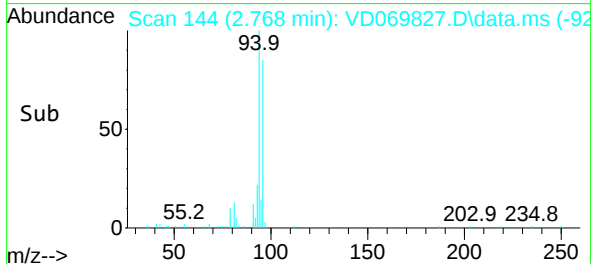
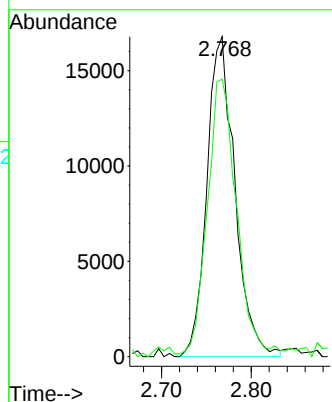
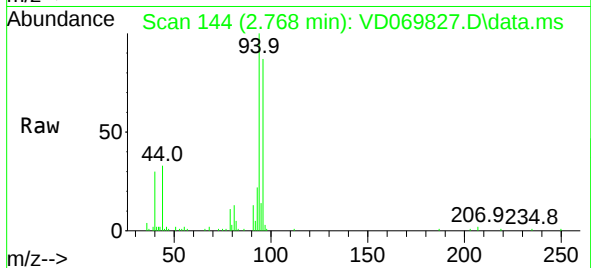




#5
Bromomethane
Concen: 6.607 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

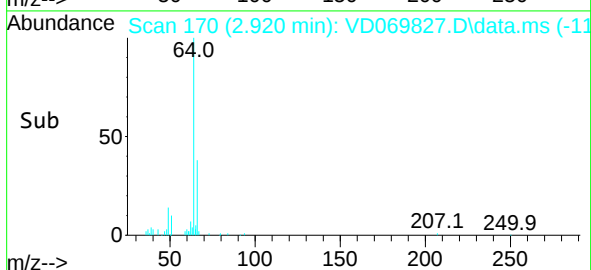
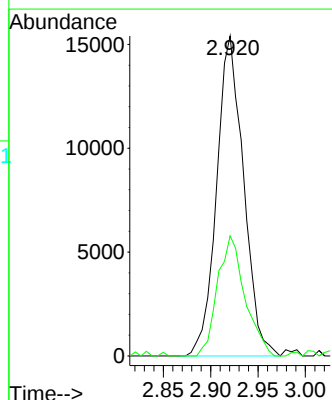
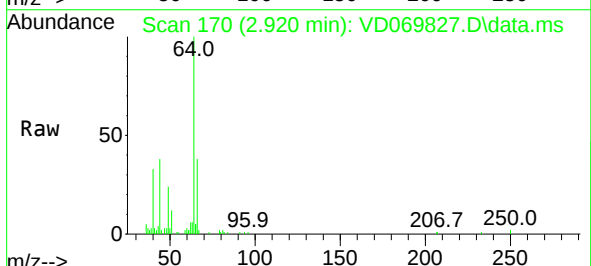
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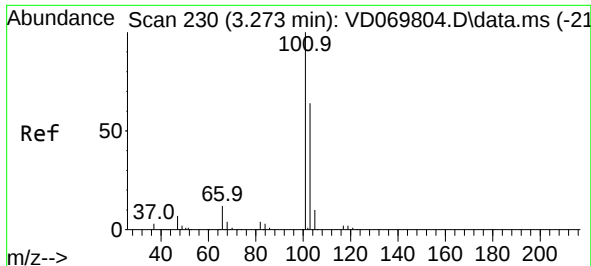
Tgt Ion: 94 Resp: 36382
Ion Ratio Lower Upper
94 100
96 85.8 74.8 112.2



#6
Chloroethane
Concen: 5.589 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 64 Resp: 30455
Ion Ratio Lower Upper
64 100
66 37.6 27.8 41.6

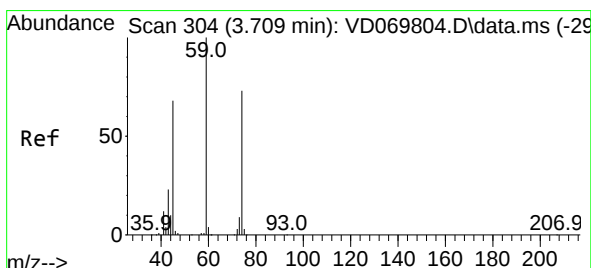
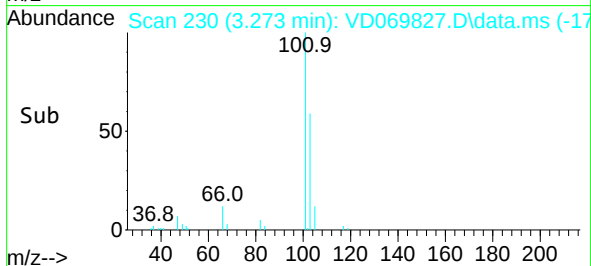
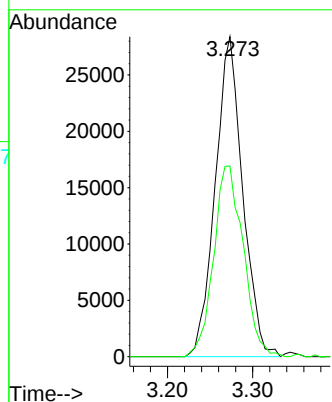
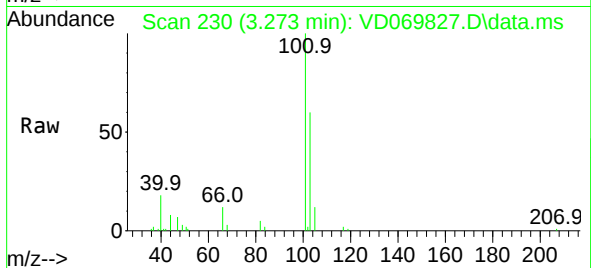




#7
Trichlorofluoromethane
Concen: 6.129 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

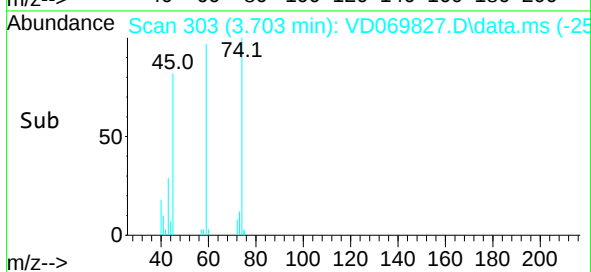
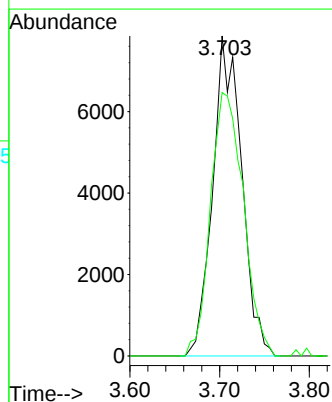
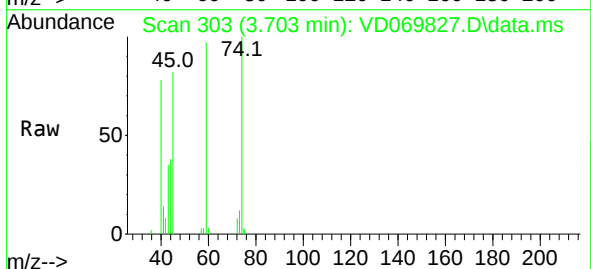
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

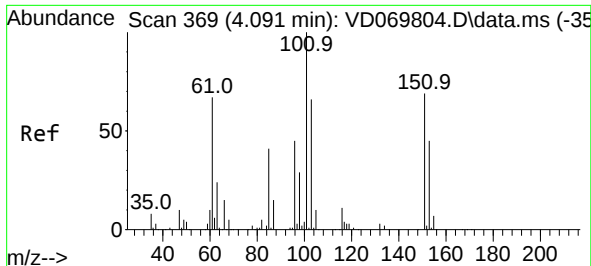
Tgt Ion:101 Resp: 63618
Ion Ratio Lower Upper
101 100
103 59.6 51.3 76.9



#8
Diethyl Ether
Concen: 6.022 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 74 Resp: 17580
Ion Ratio Lower Upper
74 100
45 93.7 46.8 140.4

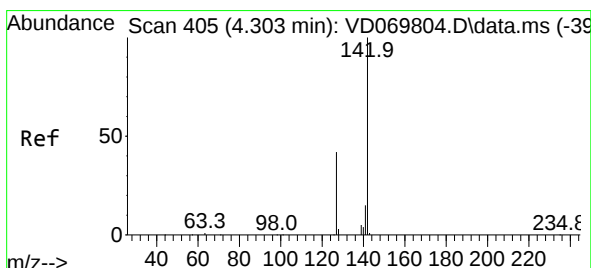
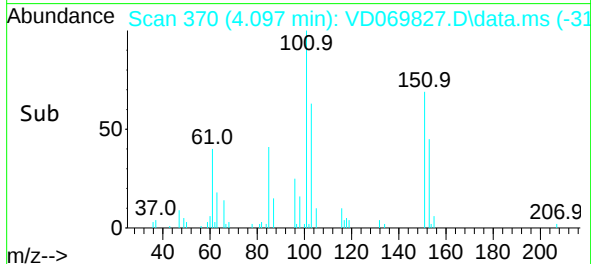
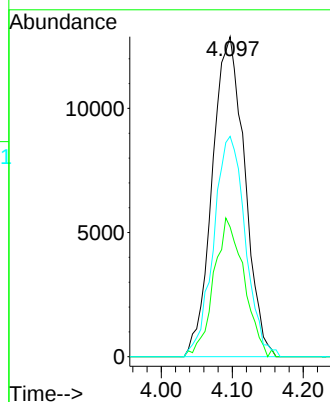
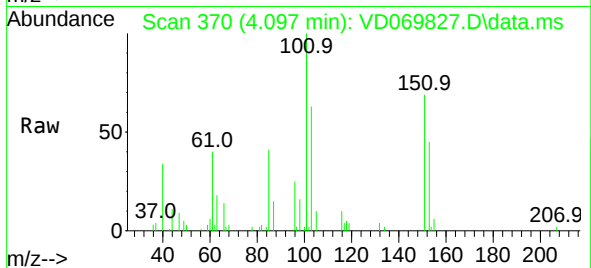




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.191 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

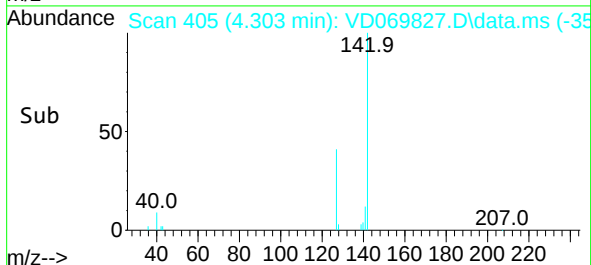
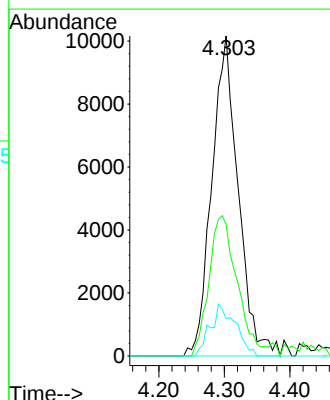
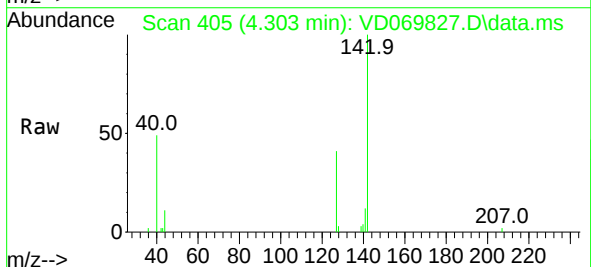
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

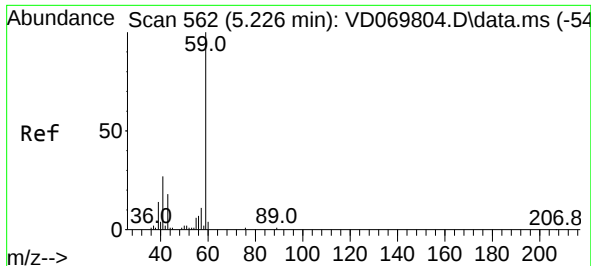
Tgt Ion:101 Resp: 40810
Ion Ratio Lower Upper
101 100
85 40.5 34.7 52.1
151 67.6 55.4 83.0



#10
Methyl Iodide
Concen: 4.921 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

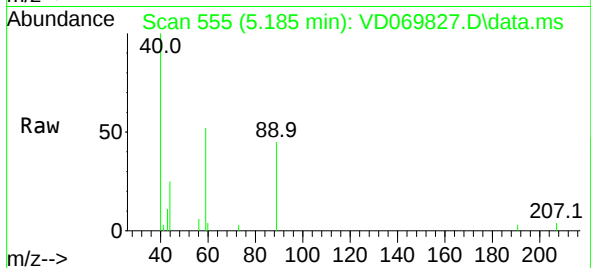
Tgt Ion:142 Resp: 28344
Ion Ratio Lower Upper
142 100
127 47.1 35.7 53.5
141 15.4 12.0 18.0



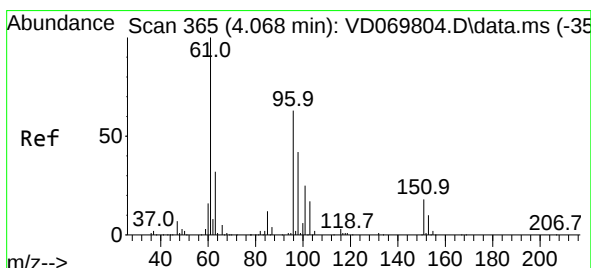
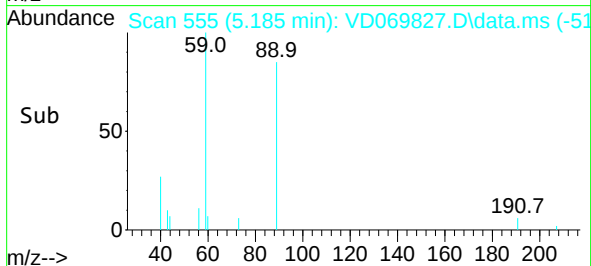
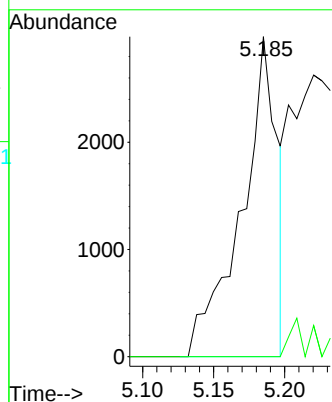


#11
Tert butyl alcohol
Concen: 16.735 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

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

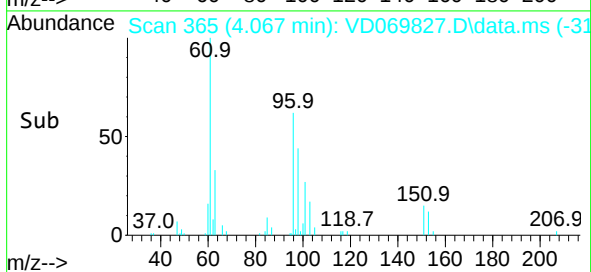
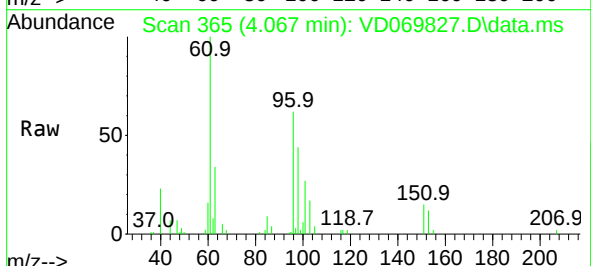
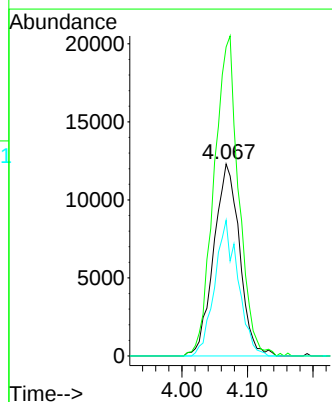


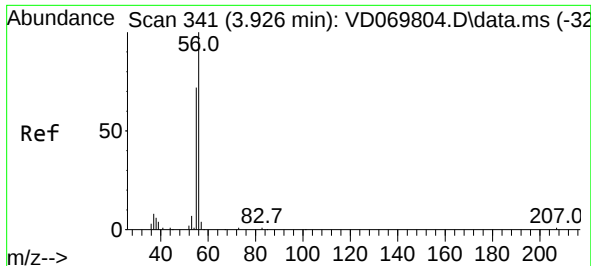
Tgt Ion: 59 Resp: 5214
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 5.624 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 96 Resp: 33688
Ion Ratio Lower Upper
96 100
61 160.9 126.9 190.3
98 70.7 53.2 79.8

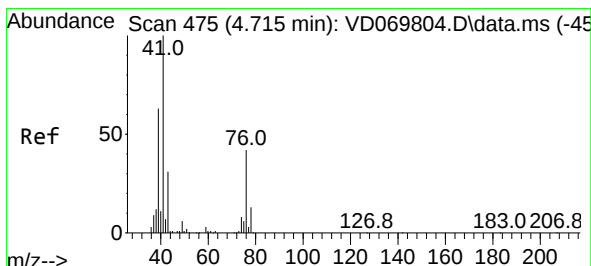
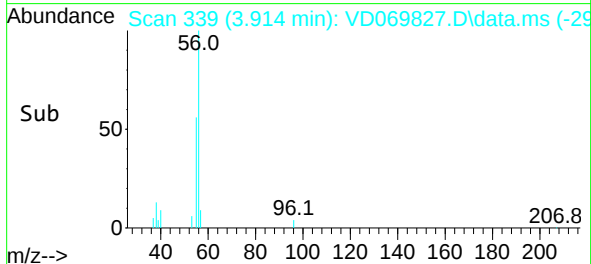
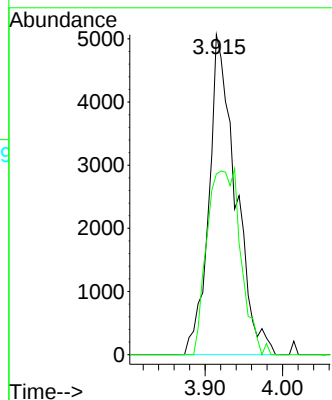
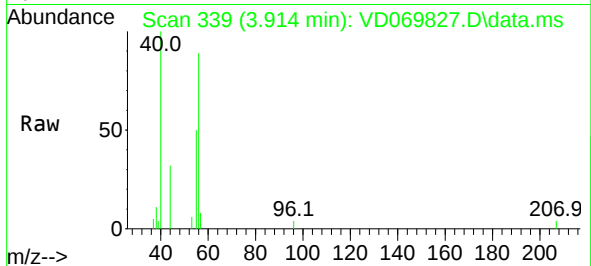




#13
Acrolein
Concen: 27.831 ug/l
RT: 3.914 min Scan# 339
Delta R.T. -0.012 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

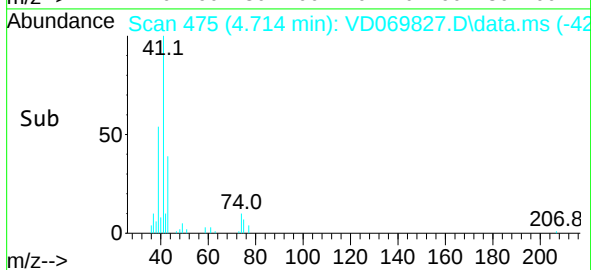
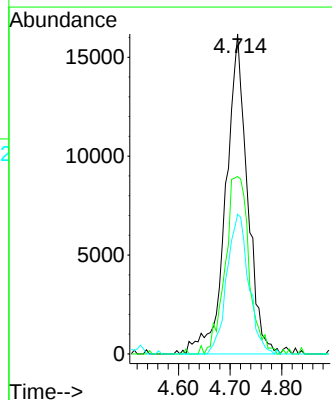
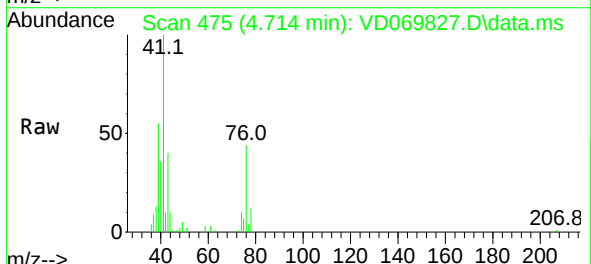
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

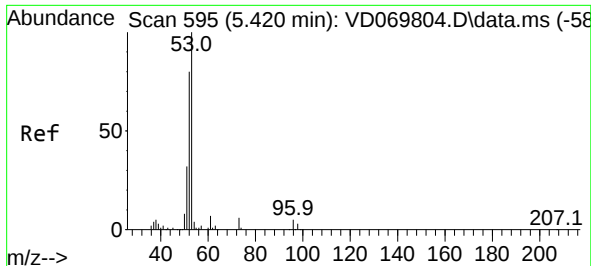
Tgt Ion: 56 Resp: 12138
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



#14
Allyl chloride
Concen: 5.353 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 41 Resp: 47009
Ion Ratio Lower Upper
41 100
39 60.8 49.8 74.6
76 43.9 31.8 47.8

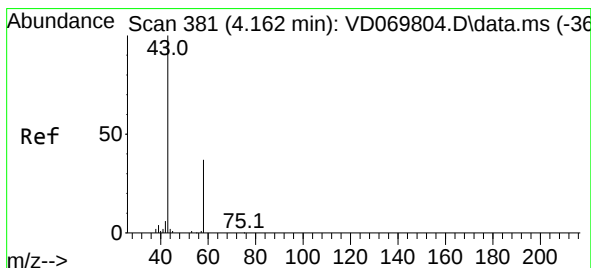
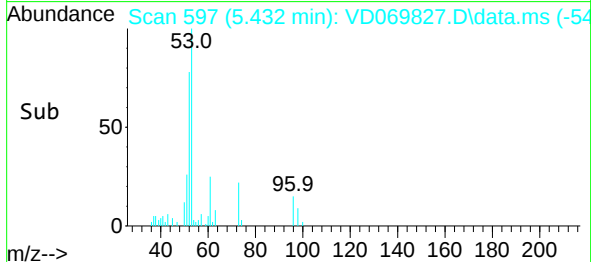
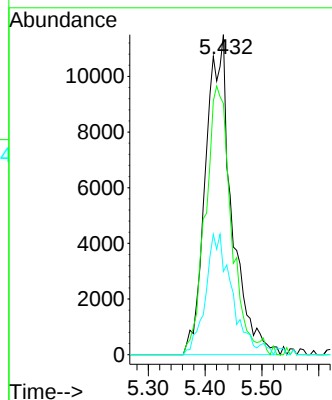
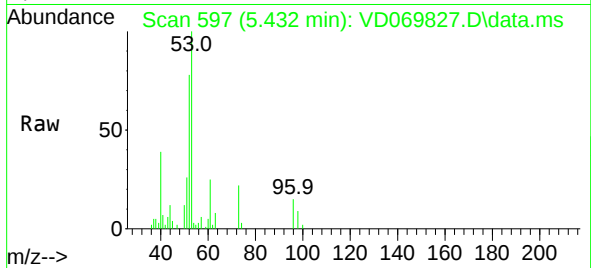




#15
Acrylonitrile
Concen: 26.670 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.012 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

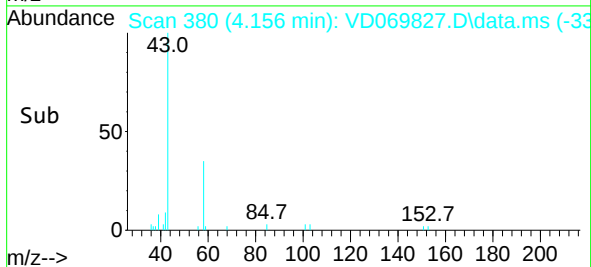
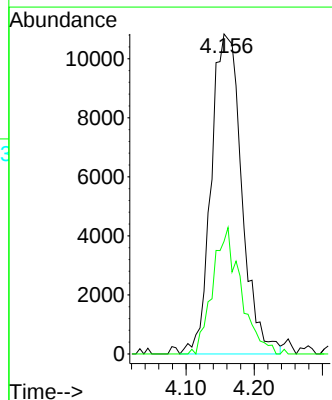
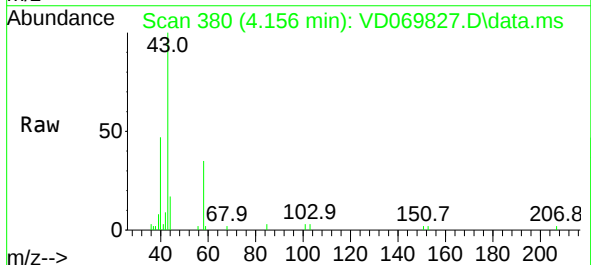
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

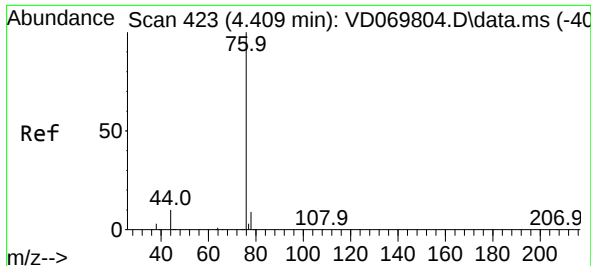
Tgt Ion:	53	Resp:	36628
Ion Ratio	Lower	Upper	
53	100		
52	83.5	65.3	97.9
51	37.7	28.3	42.5



#16
Acetone
Concen: 31.087 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:	43	Resp:	33813
Ion Ratio	Lower	Upper	
43	100		
58	35.2	29.4	44.0

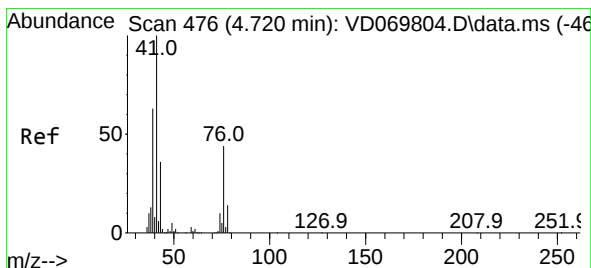
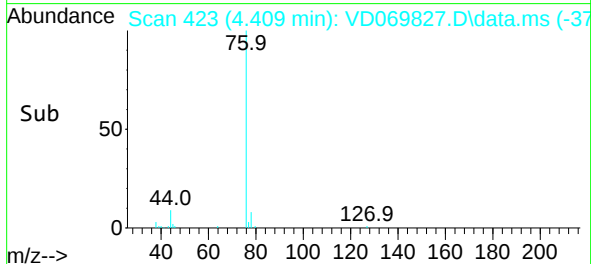
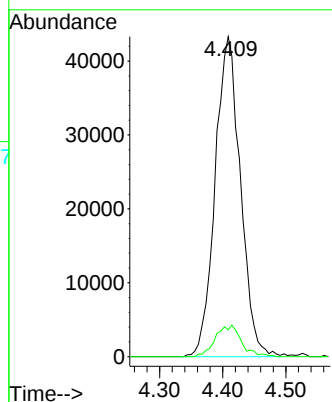
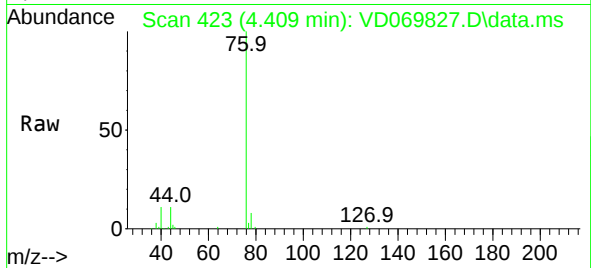




#17
Carbon Disulfide
Concen: 5.620 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

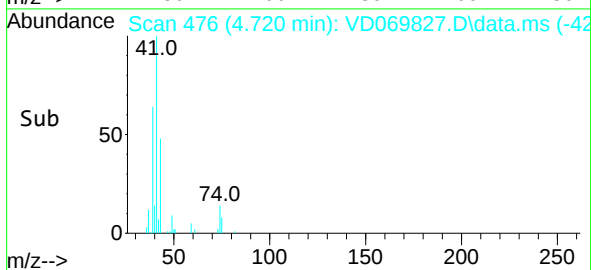
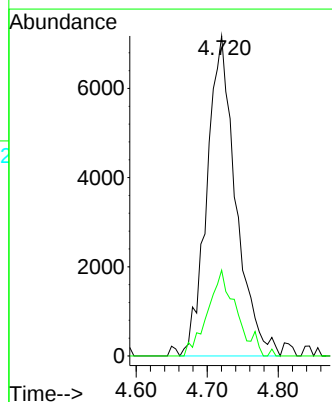
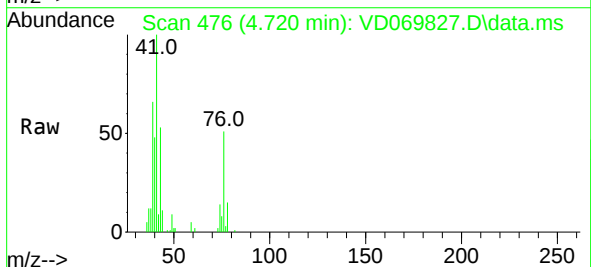
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

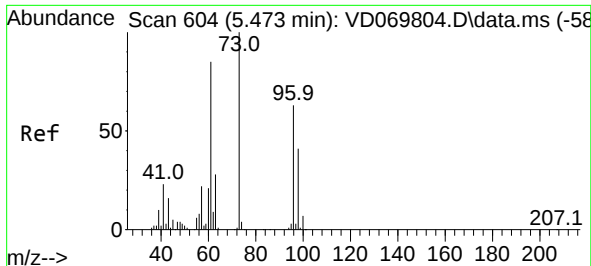
Tgt Ion: 76 Resp: 120376
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 6.434 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 43 Resp: 20304
Ion Ratio Lower Upper
43 100
74 26.6 21.4 32.2



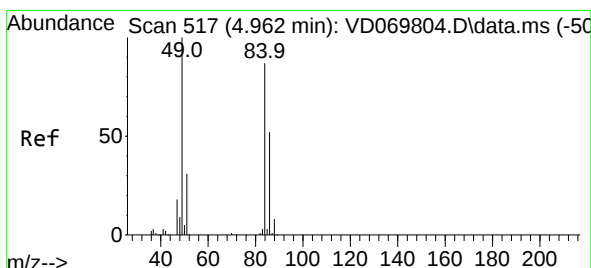
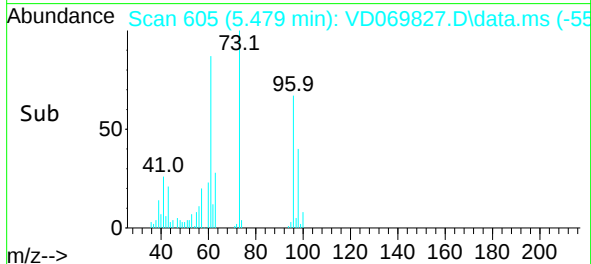
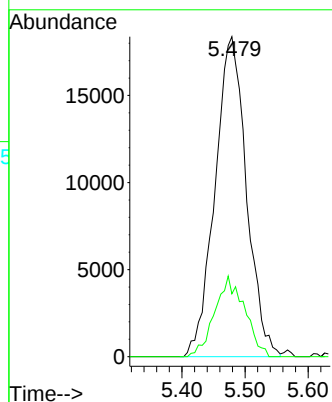
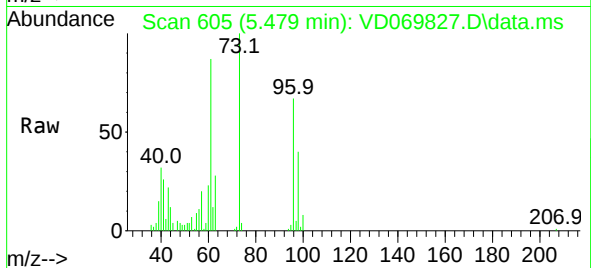


#19

Methyl tert-butyl Ether
Concen: 5.134 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

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

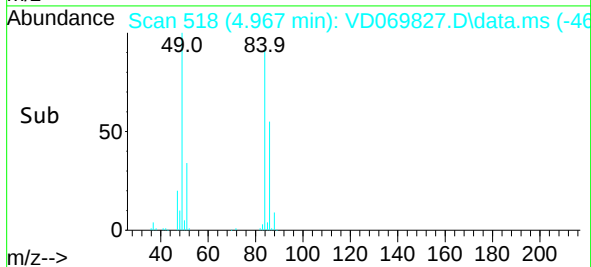
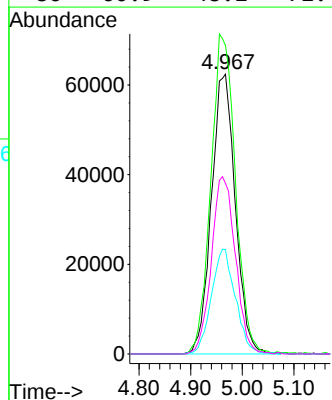
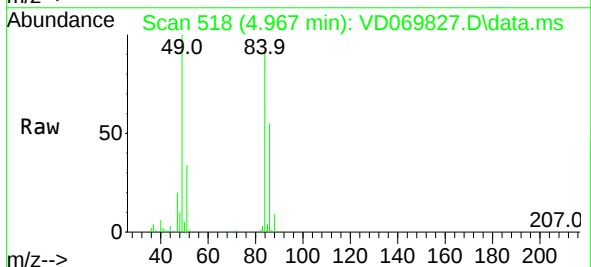
Tgt Ion: 73 Resp: 63720
Ion Ratio Lower Upper
73 100
57 19.6 17.8 26.8

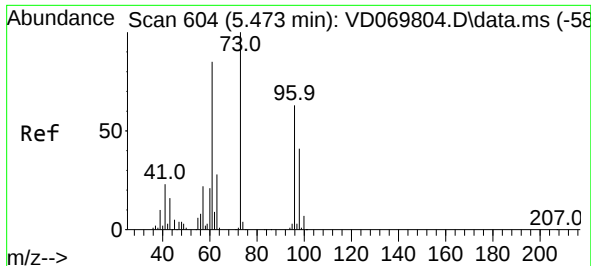


#20

Methylene Chloride
Concen: 20.245 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

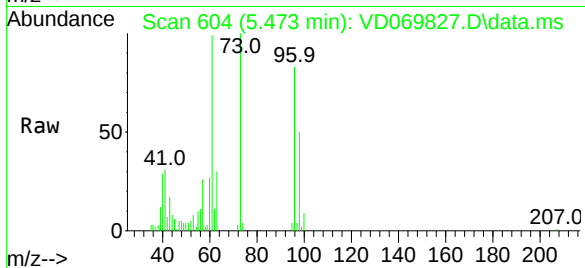
Tgt Ion: 84 Resp: 200565
Ion Ratio Lower Upper
84 100
49 110.2 92.4 138.6
51 37.3 28.5 42.7
86 60.9 48.2 72.4



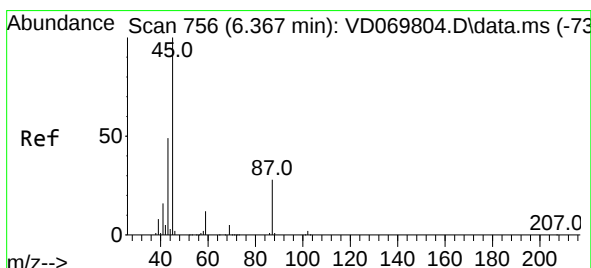
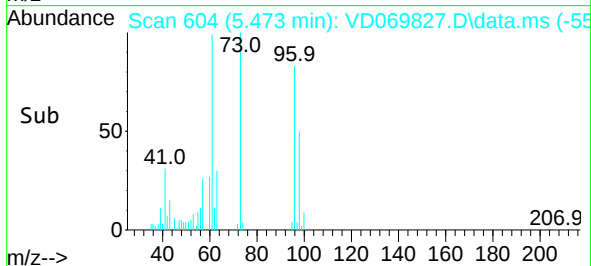
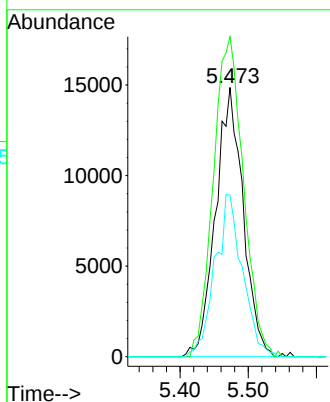


#21
trans-1,2-Dichloroethene
Concen: 5.903 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

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

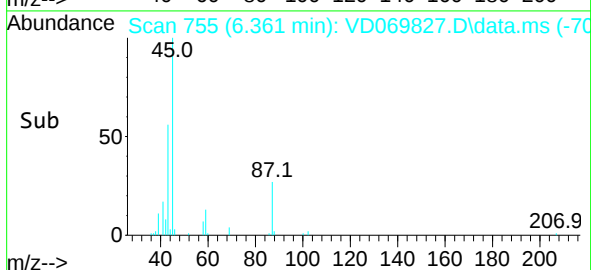
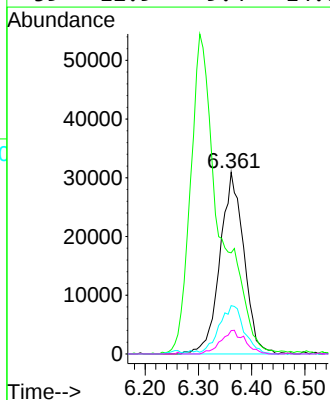
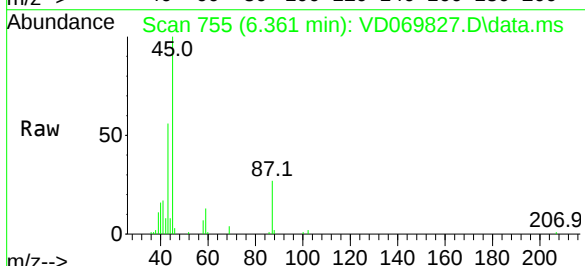


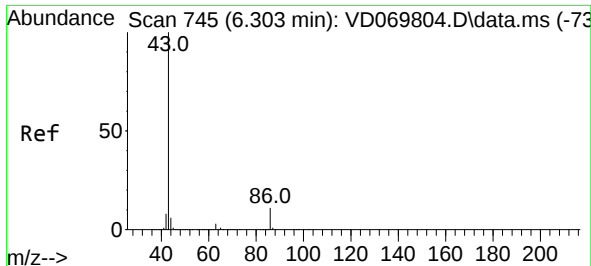
Tgt Ion:	96	Resp:	41667
Ion	Ratio	Lower	Upper
96	100		
61	118.9	107.0	160.6
98	60.0	52.3	78.5



#22
Diisopropyl ether
Concen: 5.047 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:	45	Resp:	96323
Ion	Ratio	Lower	Upper
45	100		
43	54.3	39.2	58.8
87	26.7	22.3	33.5
59	12.9	9.4	14.0

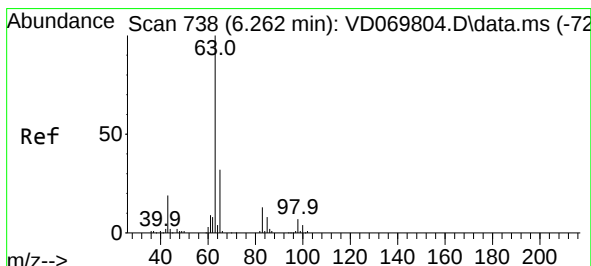
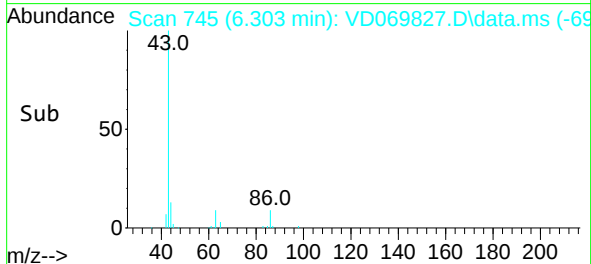
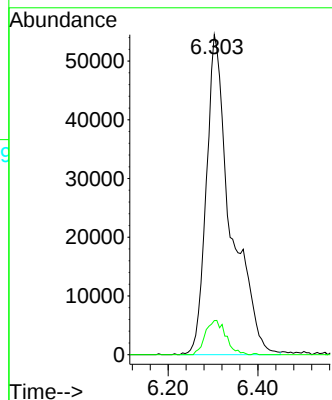
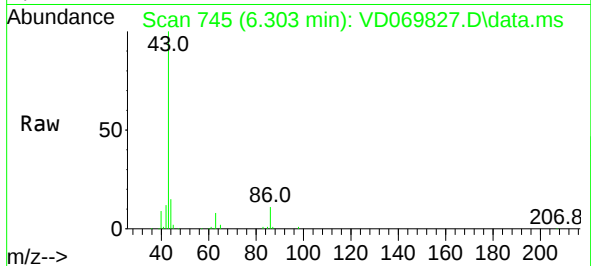




#23
 Vinyl Acetate
 Concen: 22.576 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069827.D
 Acq: 23 Jul 2021 14:25

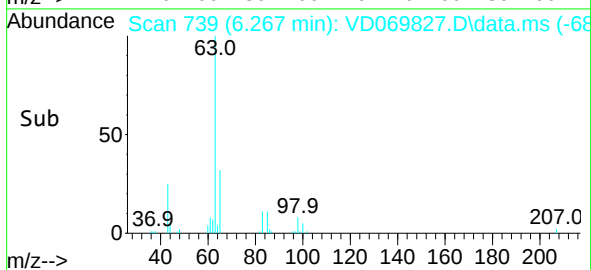
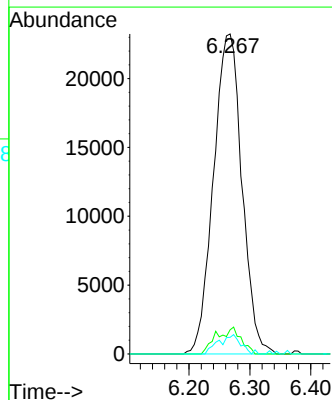
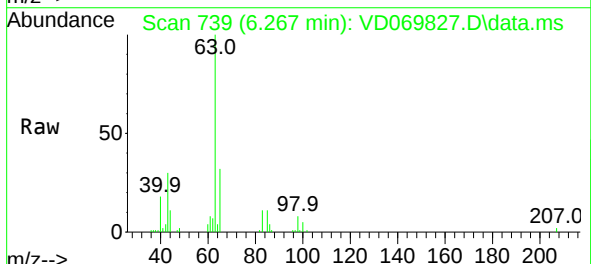
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

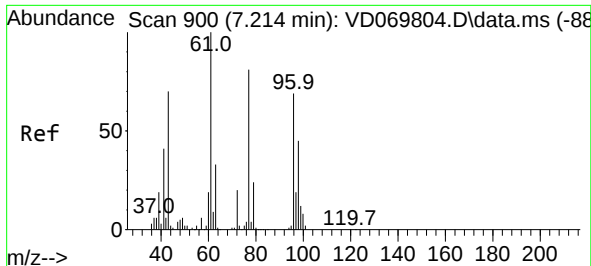
Tgt Ion: 43 Resp: 206388
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 5.719 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD069827.D
 Acq: 23 Jul 2021 14:25

Tgt Ion: 63 Resp: 75382
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 5.2 2.2 6.6

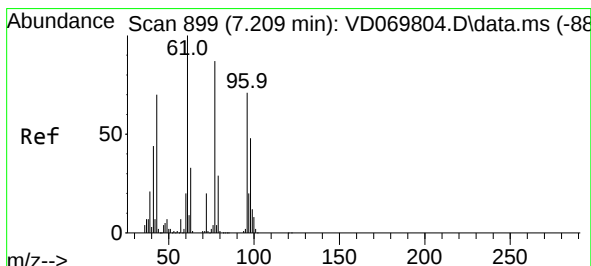
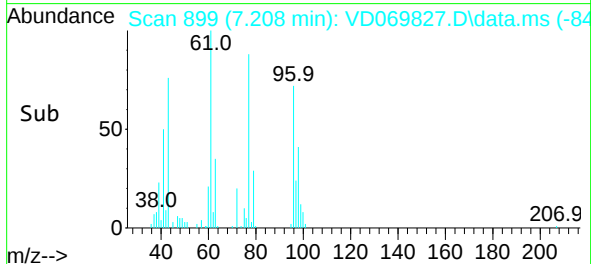
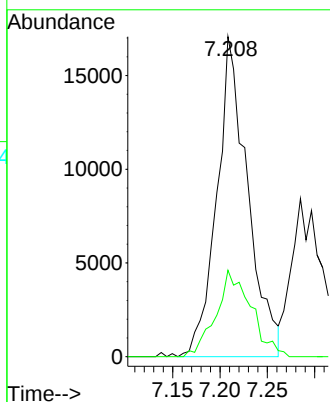
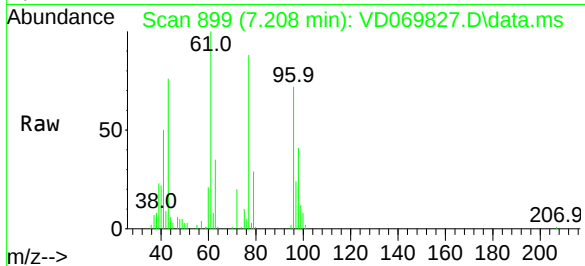




#25
2-Butanone
Concen: 26.233 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

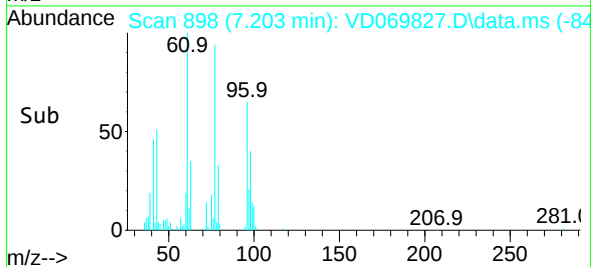
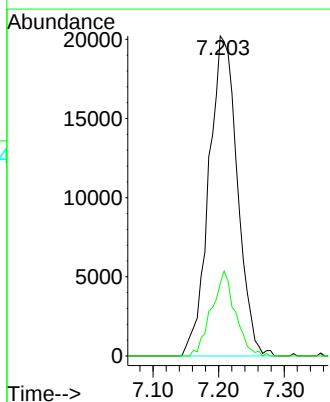
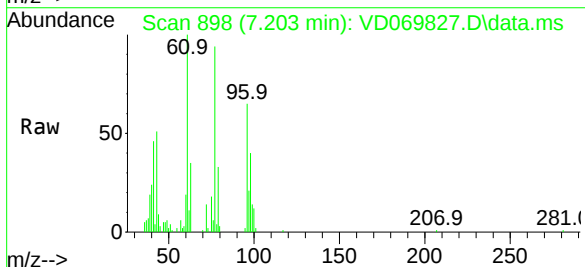
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

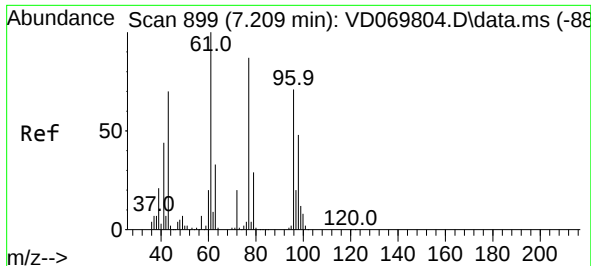
Tgt Ion: 43 Resp: 38695
Ion Ratio Lower Upper
43 100
72 27.0 22.8 34.2



#26
2,2-Dichloropropane
Concen: 6.079 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 77 Resp: 60932
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7

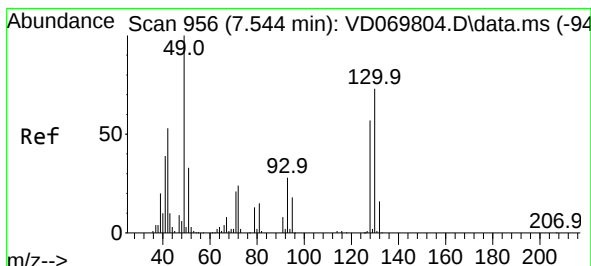
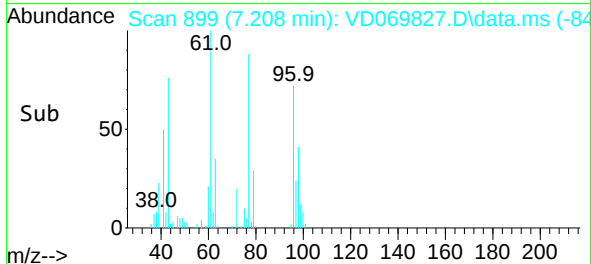
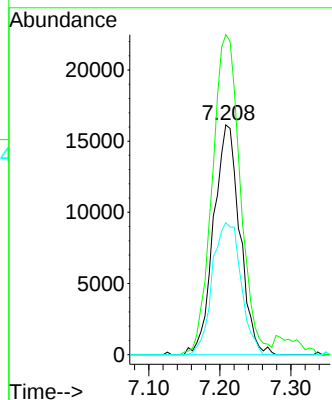
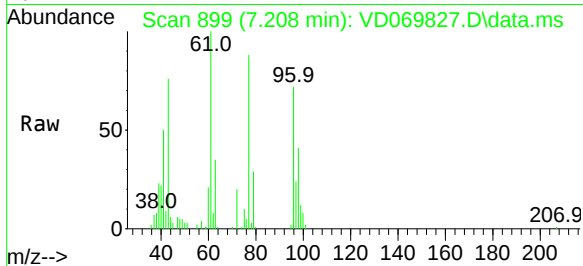




#27
 cis-1,2-Dichloroethene
 Concen: 5.485 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD069827.D
 Acq: 23 Jul 2021 14:25

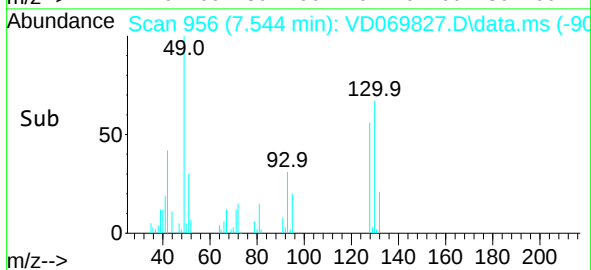
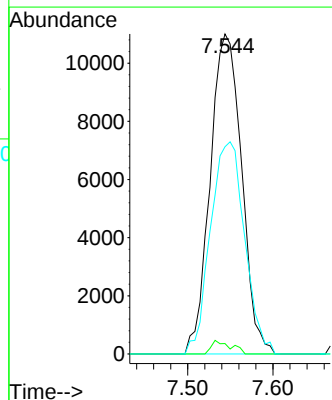
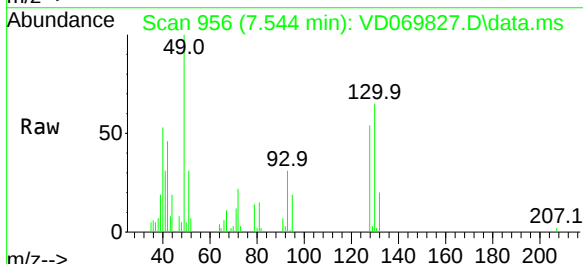
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

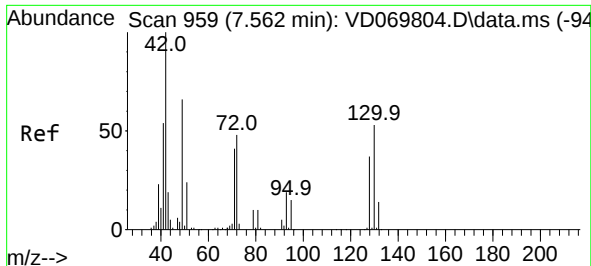
Tgt Ion:	96	Resp:	41312
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	291.6
98	62.8	0.0	132.0



#28
 Bromochloromethane
 Concen: 5.641 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD069827.D
 Acq: 23 Jul 2021 14:25

Tgt Ion:	49	Resp:	28229
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	72.0	59.6	89.4





#29

Tetrahydrofuran

Concen: 24.847 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

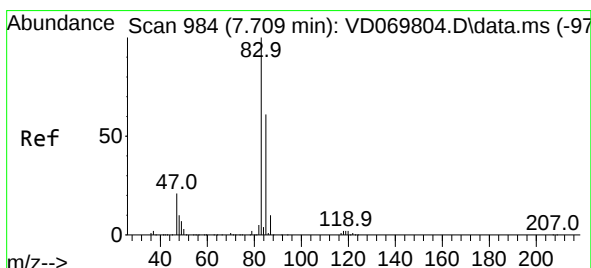
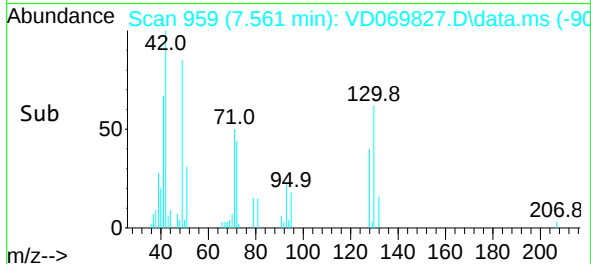
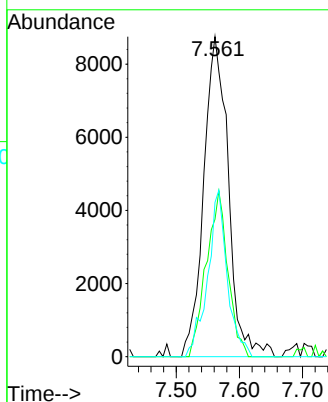
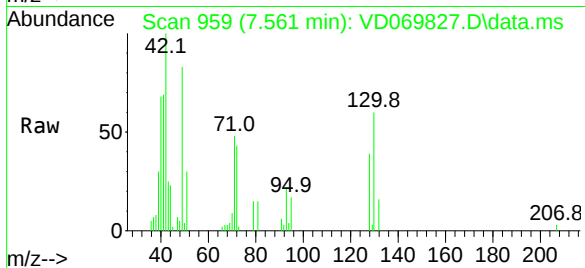
Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:	42	Resp:	23712
Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.5	54.7
71	41.3	33.5	50.3



#30

Chloroform

Concen: 5.834 ug/l

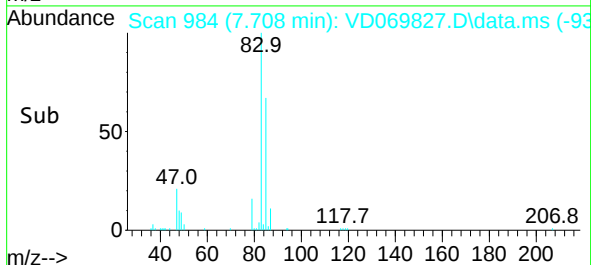
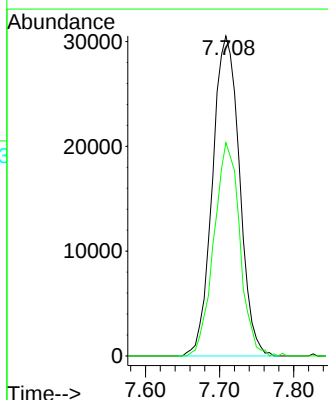
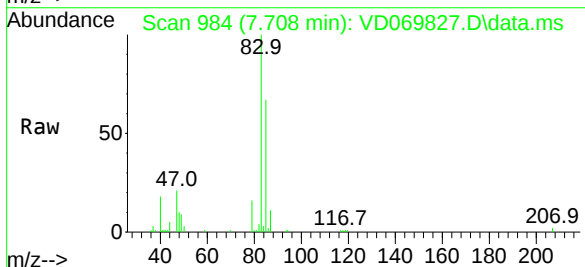
RT: 7.708 min Scan# 984

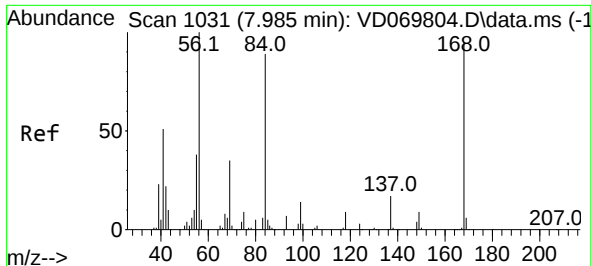
Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

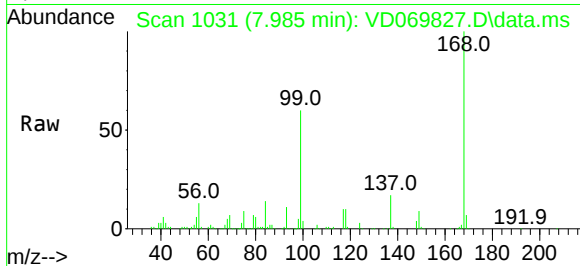
Tgt Ion:	83	Resp:	77318
Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.1	73.7



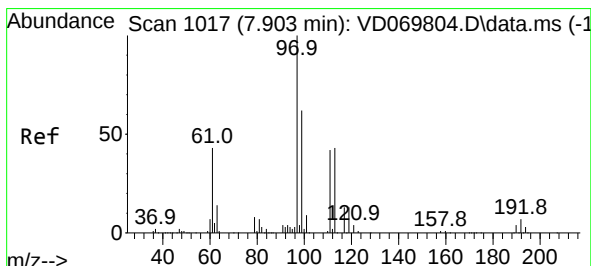
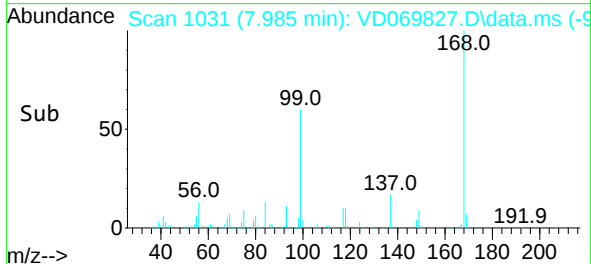
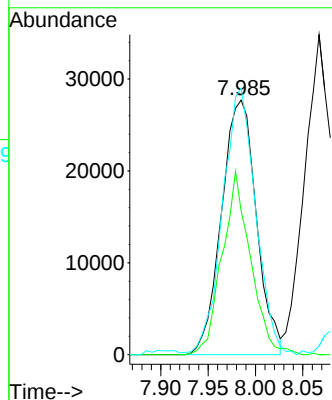


#31
Cyclohexane
Concen: 6.038 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

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

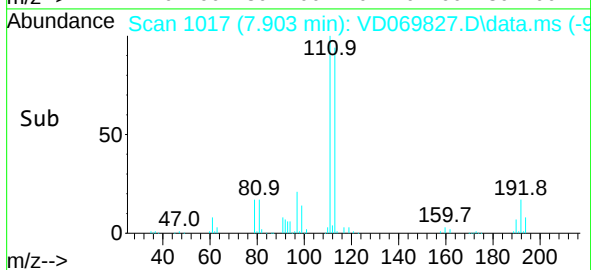
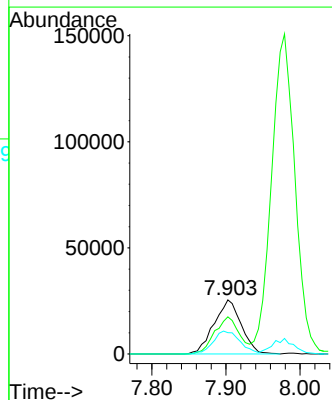
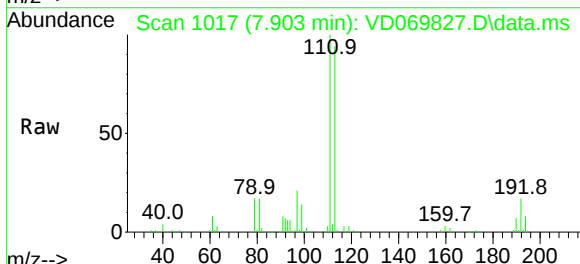


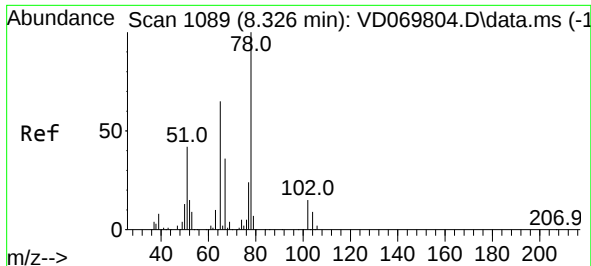
Tgt Ion: 56 Resp: 71036
Ion Ratio Lower Upper
56 100
69 56.4 27.9 41.9#
84 103.9 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 5.910 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 97 Resp: 64830
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 41.7 34.5 51.7

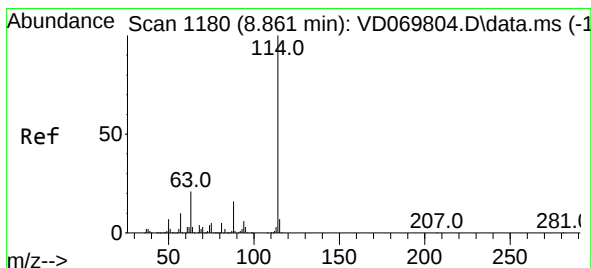
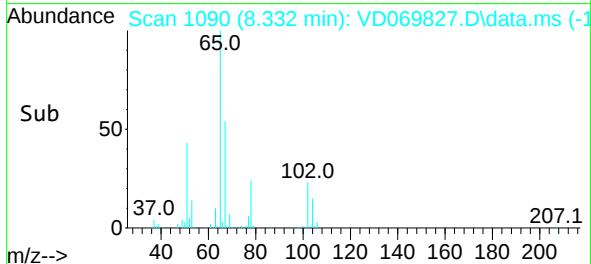
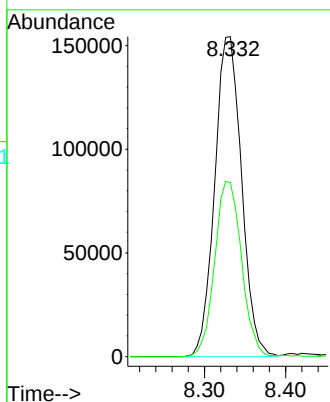
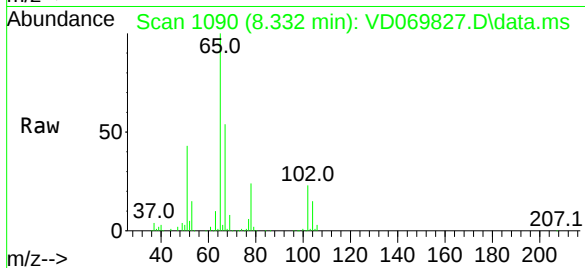




#33
1,2-Dichloroethane-d4
Concen: 58.942 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

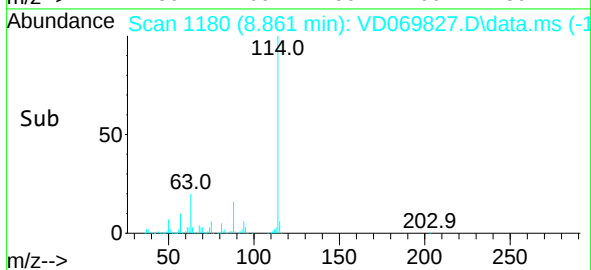
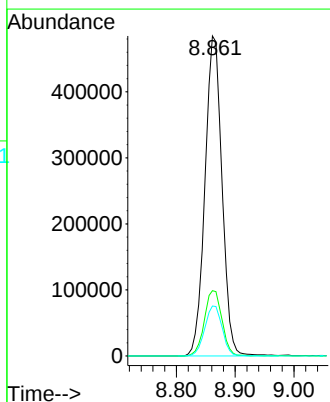
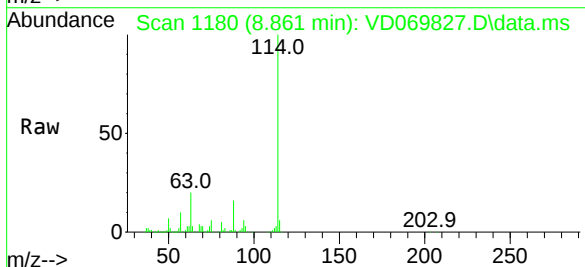
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

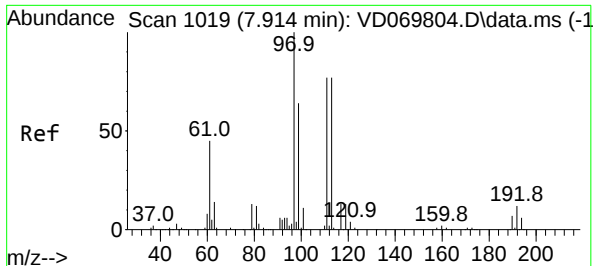
Tgt Ion: 65 Resp: 354900
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 114 Resp: 977748
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.294 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion:113 Resp: 353142

Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

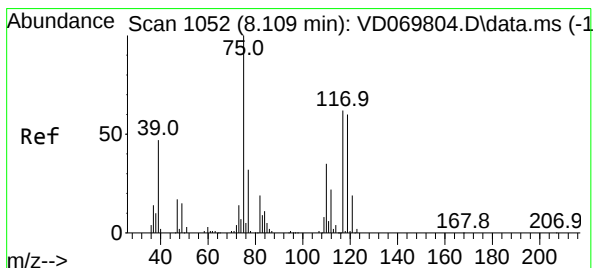
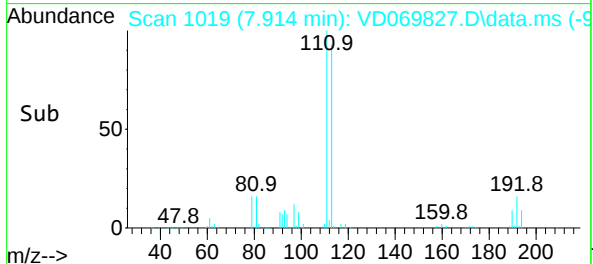
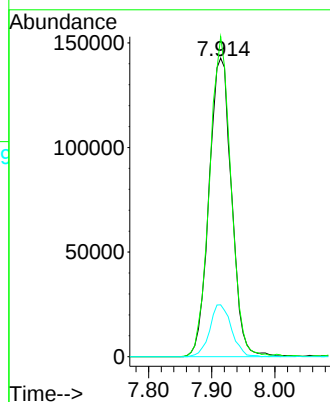
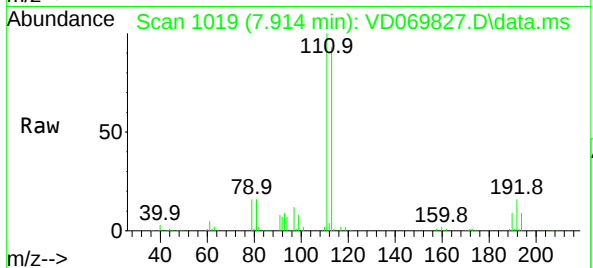
192 16.8 12.6 19.0

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

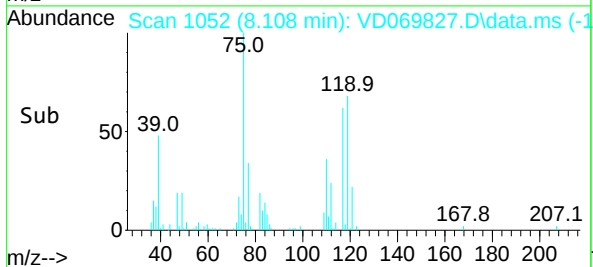
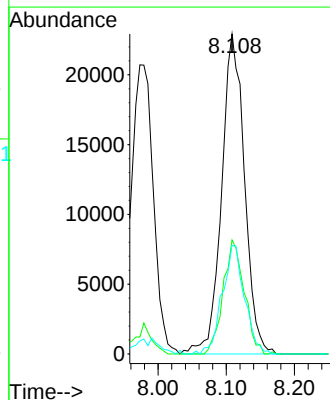
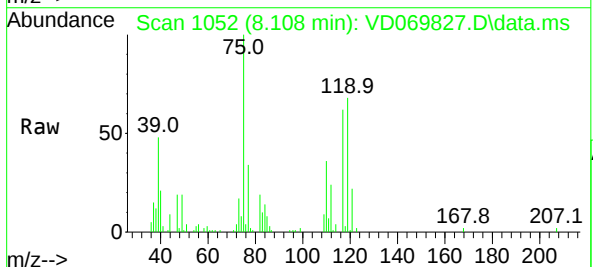
Tgt Ion: 75 Resp: 53642

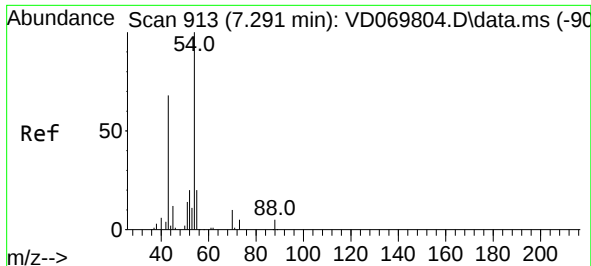
Ion Ratio Lower Upper

75 100

110 32.8 16.9 50.7

77 33.1 24.9 37.3





#37

Ethyl Acetate

Concen: 4.721 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.006 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

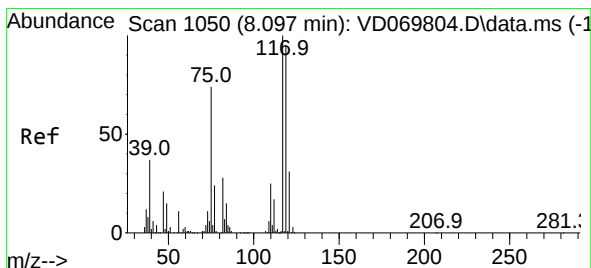
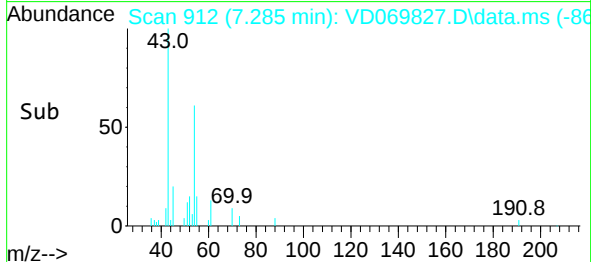
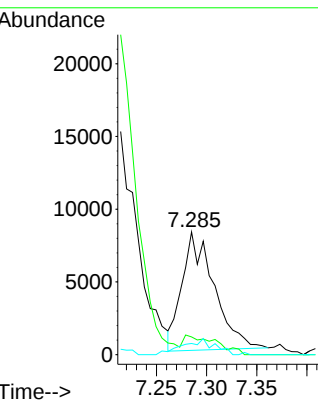
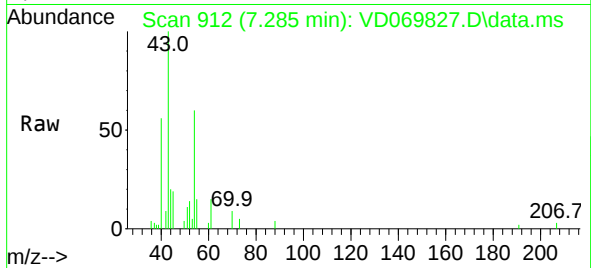
Tgt Ion: 43 Resp: 18133

Ion Ratio Lower Upper

43 100

61 16.7 11.8 17.8

70 13.2 8.9 13.3



#38

Carbon Tetrachloride

Concen: 5.325 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

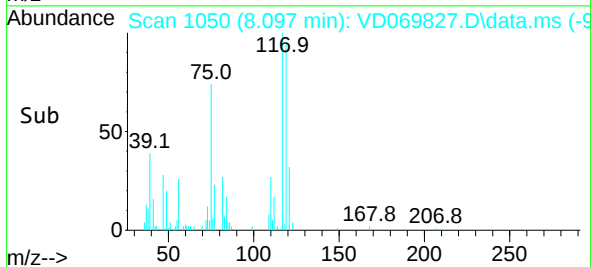
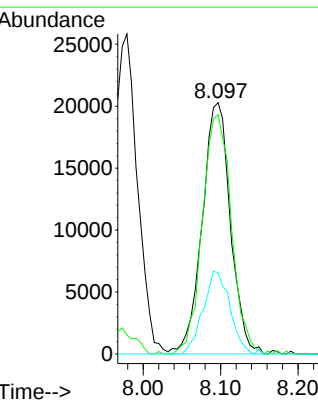
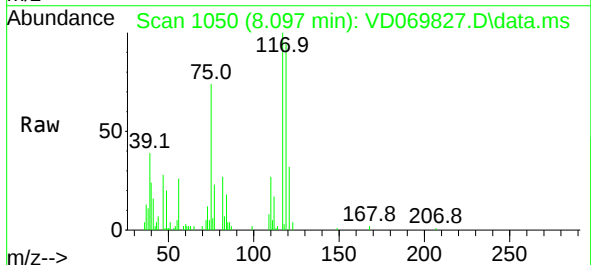
Tgt Ion: 117 Resp: 51325

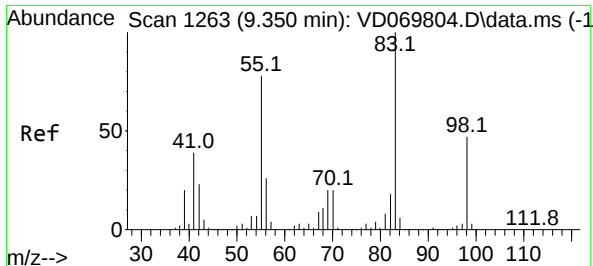
Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.2

121 32.1 24.5 36.7





#39

Methylcyclohexane

Concen: 4.851 ug/l

RT: 9.355 min Scan# 1264

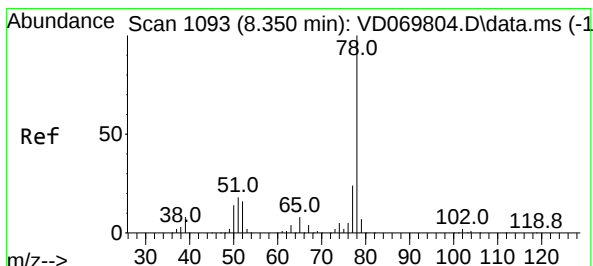
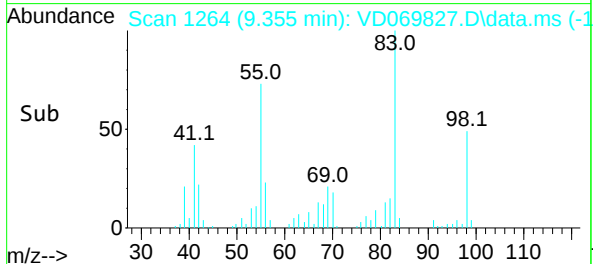
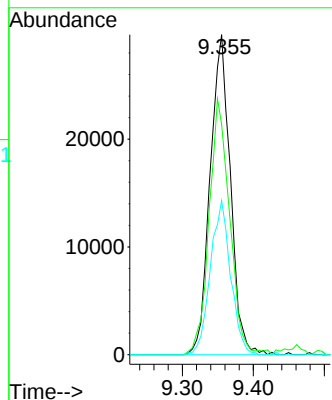
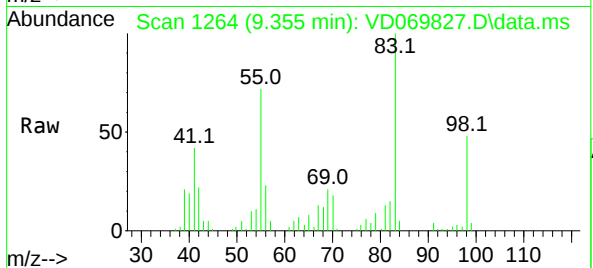
Delta R.T. 0.006 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion:	83	Resp:	58616
Ion	Ratio	Lower	Upper
83	100		
55	72.0	62.2	93.2
98	48.2	37.8	56.8

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



#40

Benzene

Concen: 5.431 ug/l

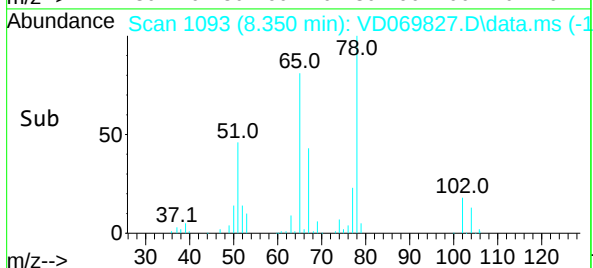
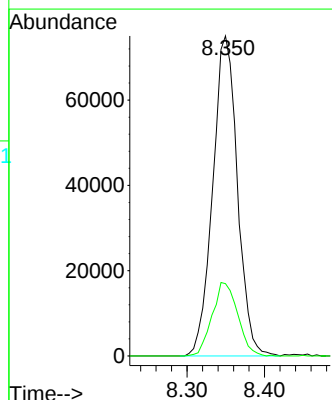
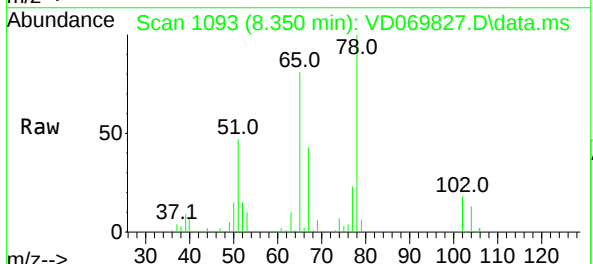
RT: 8.350 min Scan# 1093

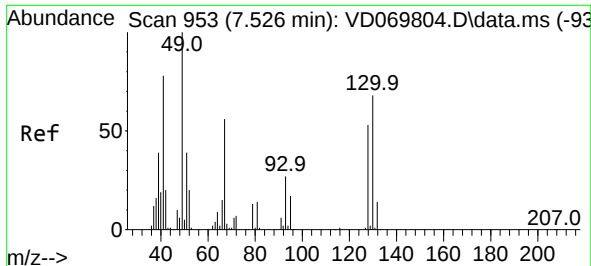
Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion:	78	Resp:	166017
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0

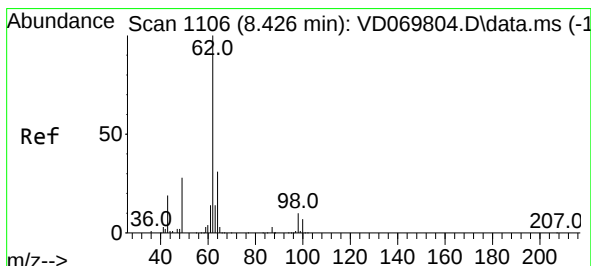
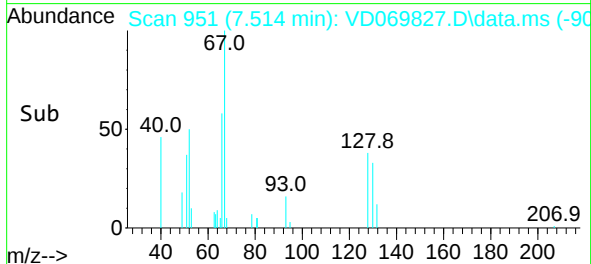
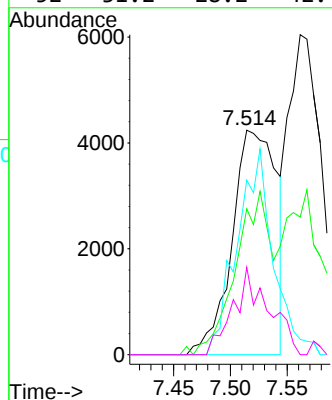
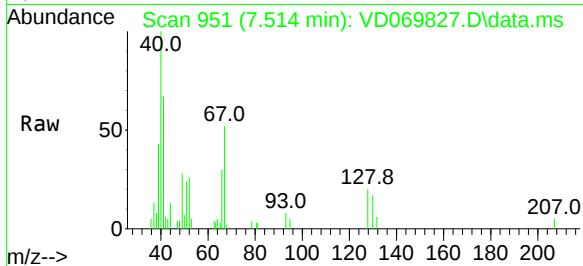




#41
Methacrylonitrile
Concen: 5.741 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.012 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

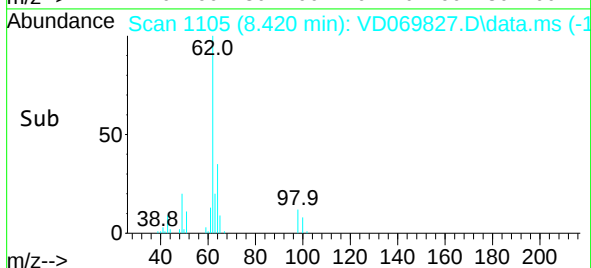
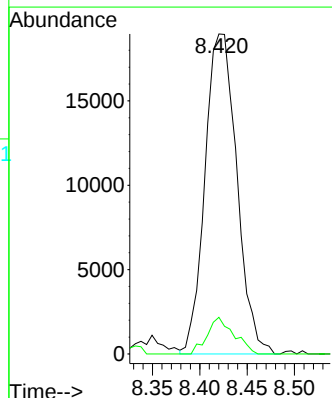
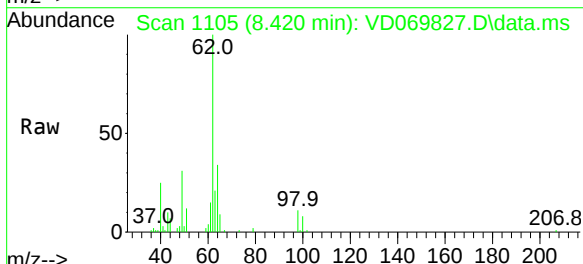
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

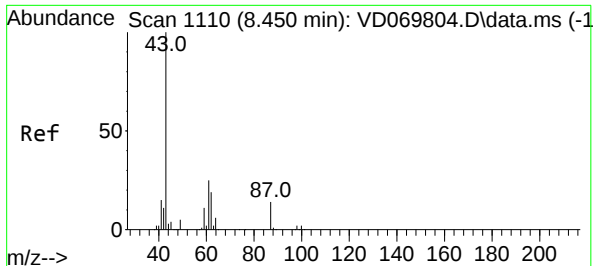
Tgt Ion:	41	Resp:	11573
Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.7	70.1
67	74.5	69.3	103.9
52	31.2	28.2	42.4



#42
1,2-Dichloroethane
Concen: 5.500 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:	62	Resp:	44467
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4

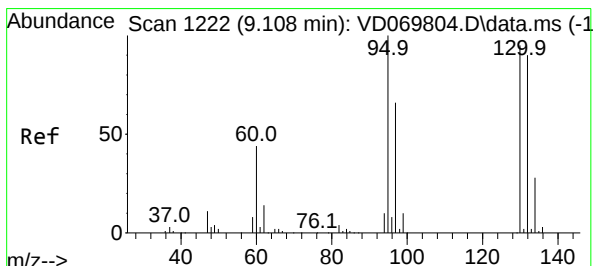
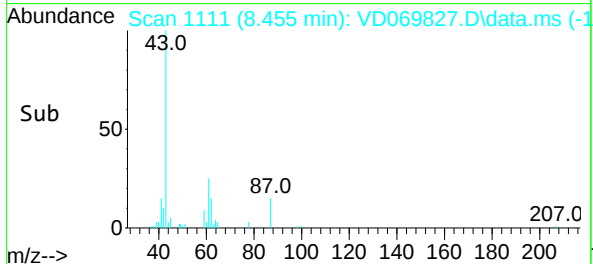
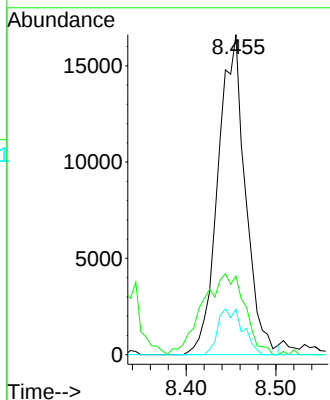
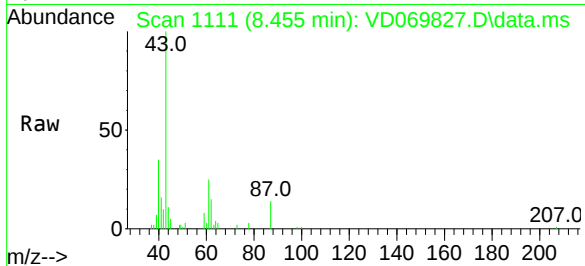




#43
Isopropyl Acetate
Concen: 5.108 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

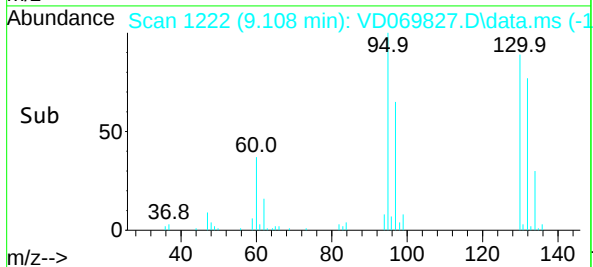
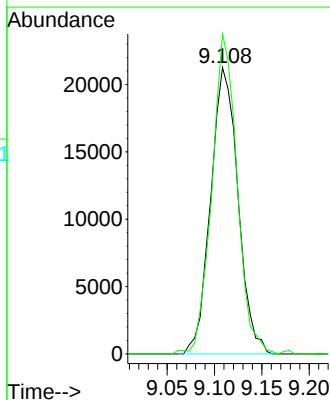
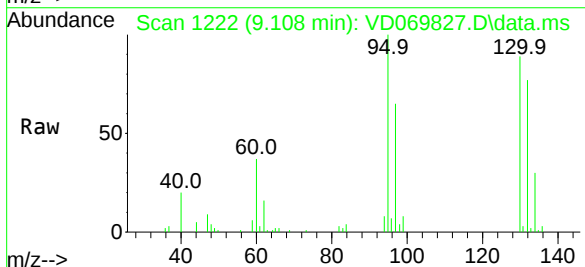
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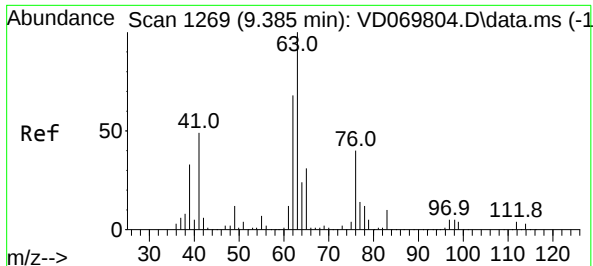
Tgt Ion: 43	Resp: 35191
Ion Ratio	Lower Upper
43 100	
61 39.2	27.8 41.6
87 13.1	11.3 16.9



#44
Trichloroethene
Concen: 5.671 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:130	Resp:	42695	
Ion	Ratio	Lower	Upper
130	100		
95	111.7	0.0	210.8





#45

1,2-Dichloropropane

Concen: 5.432 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion: 63 Resp: 43613

Ion Ratio Lower Upper

63 100

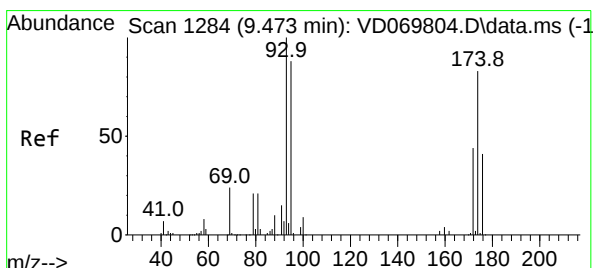
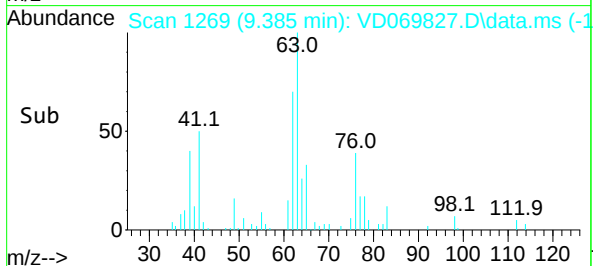
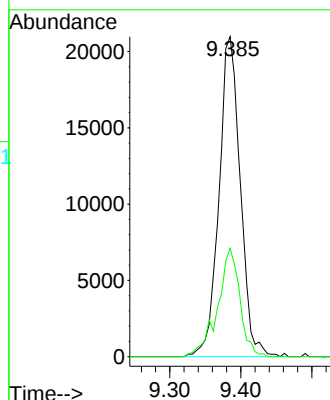
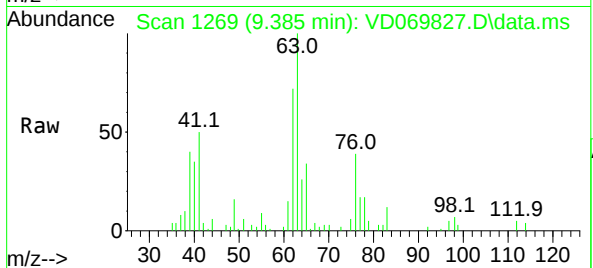
65 33.9 24.9 37.3

Instrument :

MSVOA_D

ClientSampleId :

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#46

Dibromomethane

Concen: 5.493 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

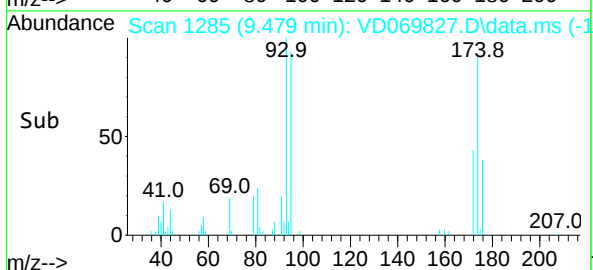
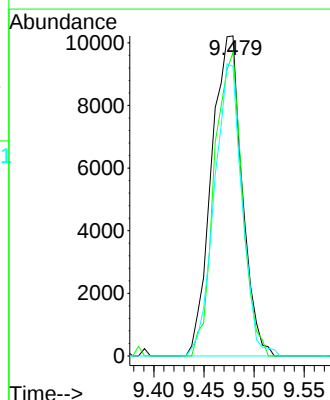
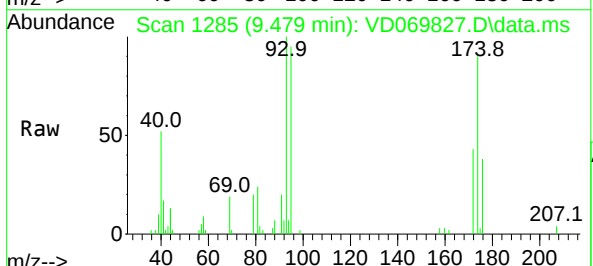
Tgt Ion: 93 Resp: 21682

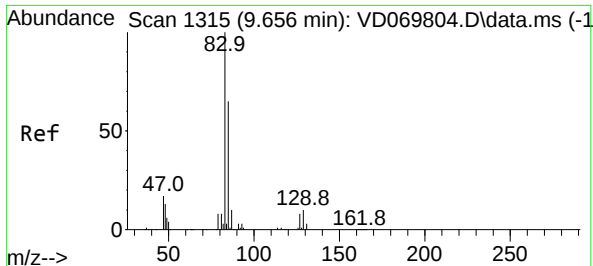
Ion Ratio Lower Upper

93 100

95 86.0 67.5 101.3

174 82.9 66.3 99.5





#47

Bromodichloromethane

Concen: 5.551 ug/l

RT: 9.655 min Scan# 1315

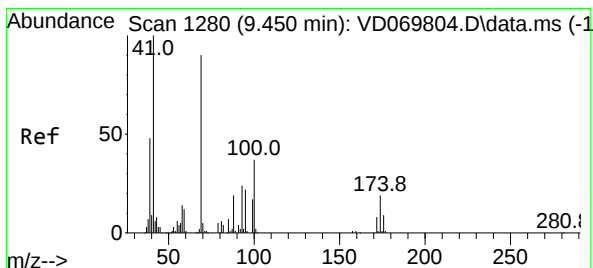
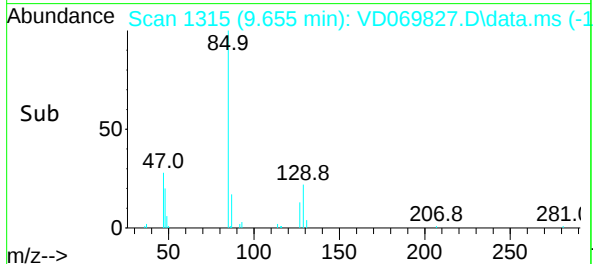
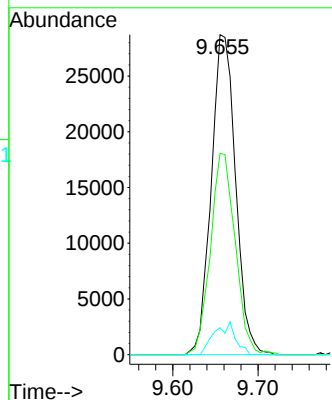
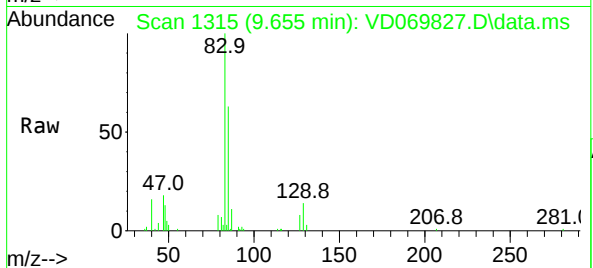
Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion: 83 Resp: 56925

Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.0	78.0
127	8.4	6.6	10.0



#48

Methyl methacrylate

Concen: 4.375 ug/l

RT: 9.455 min Scan# 1281

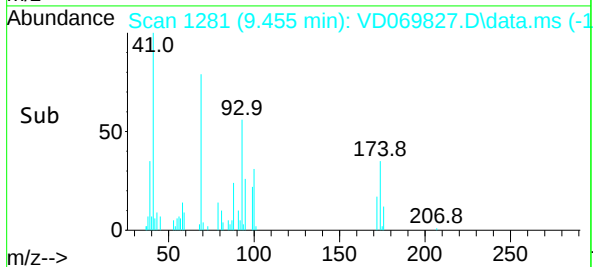
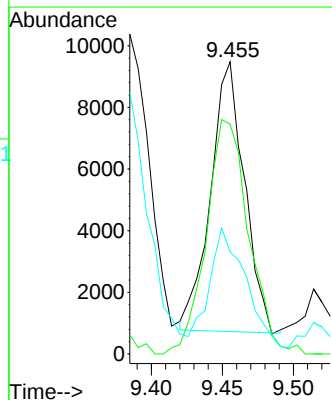
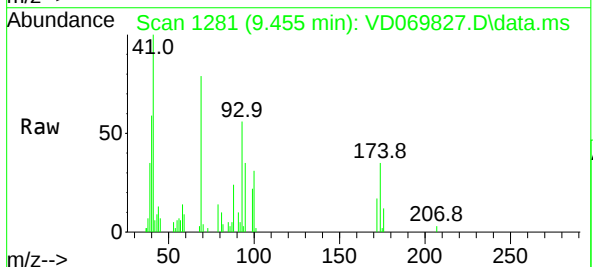
Delta R.T. 0.005 min

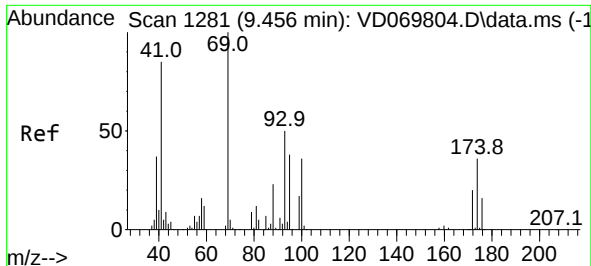
Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion: 41 Resp: 14499

Ion	Ratio	Lower	Upper
41	100		
69	108.8	73.4	110.2
39	47.1	36.6	55.0

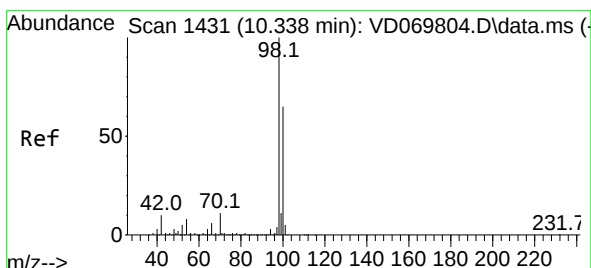
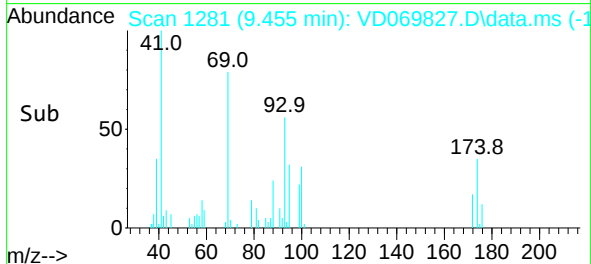
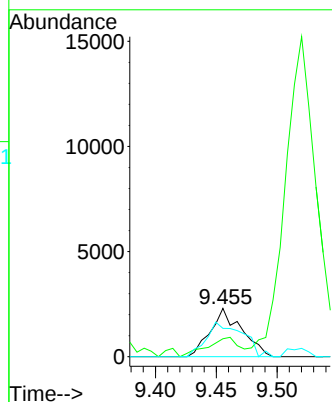
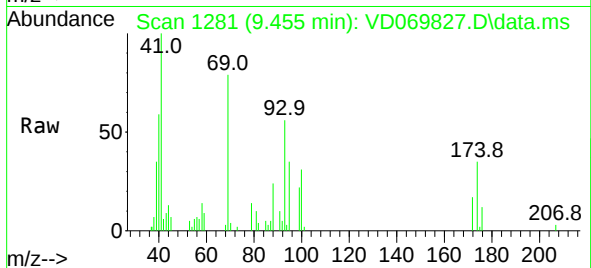




#49
1,4-Dioxane
Concen: 98.971 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

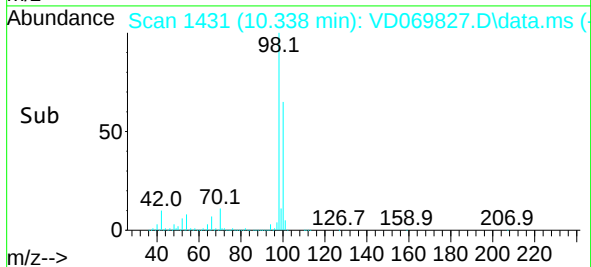
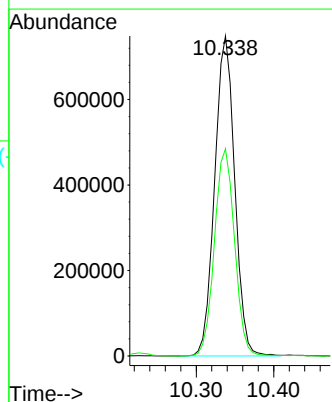
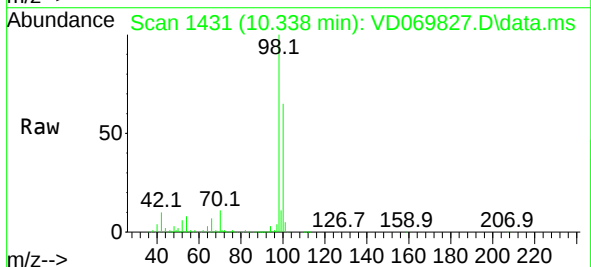
Instrument :
MSVOA_D
ClientSampleId :
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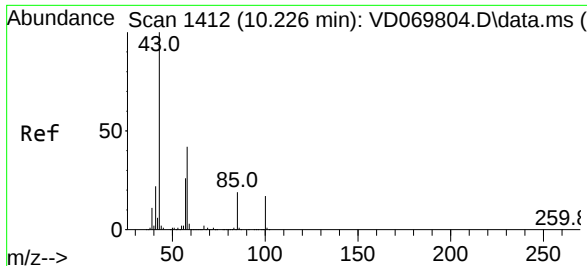
Tgt Ion: 88 Resp: 4127
Ion Ratio Lower Upper
88 100
43 39.7 26.8 40.2
58 82.8 59.8 89.6



#50
Toluene-d8
Concen: 56.508 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 98 Resp: 1343030
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

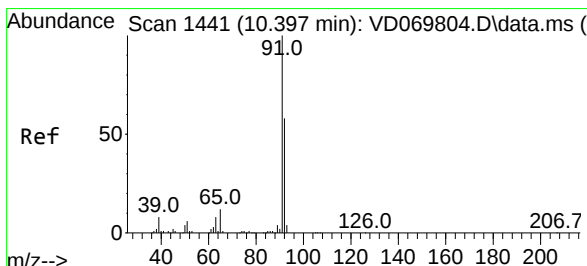
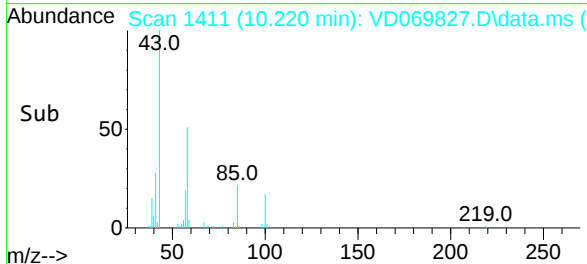
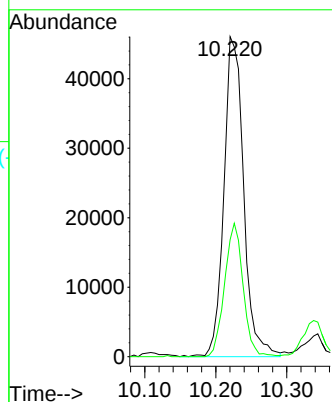
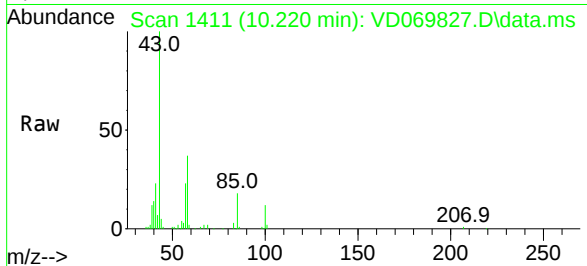




#51
4-Methyl-2-Pentanone
Concen: 24.778 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

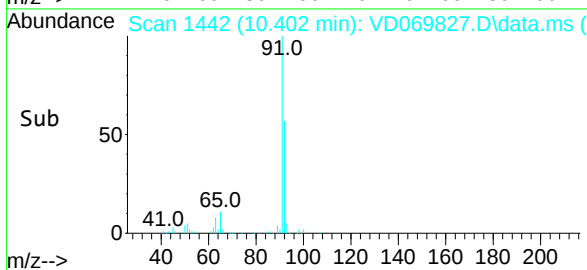
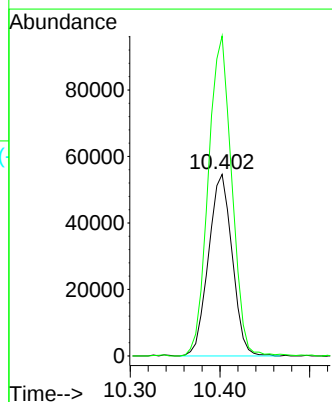
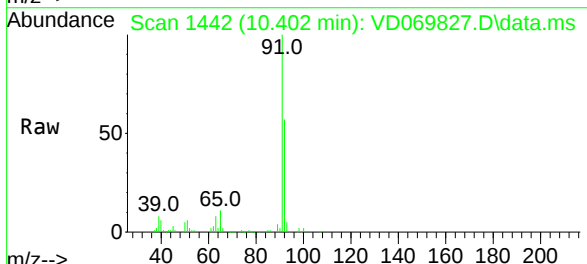
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

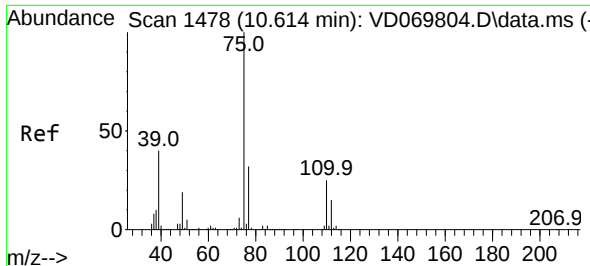
Tgt Ion: 43 Resp: 88828
Ion Ratio Lower Upper
43 100
58 39.1 33.7 50.5



#52
Toluene
Concen: 5.398 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 92 Resp: 100102
Ion Ratio Lower Upper
92 100
91 174.8 138.7 208.1

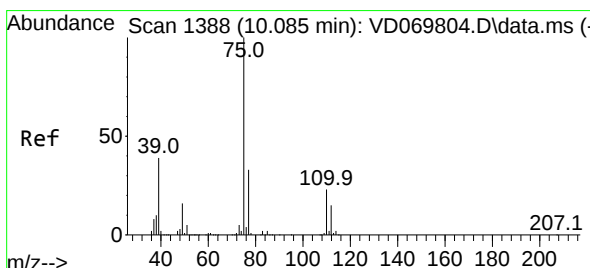
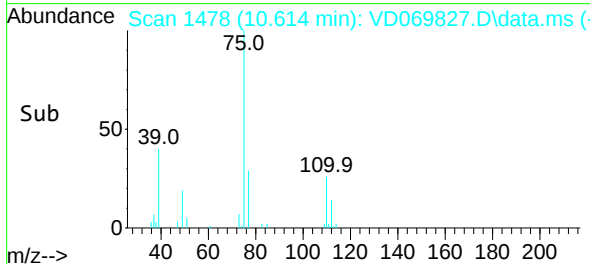
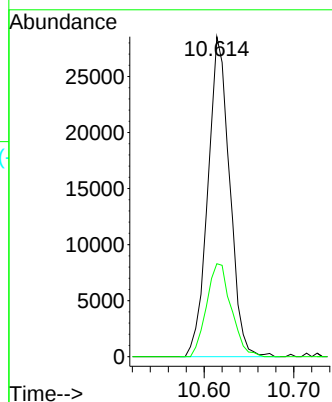
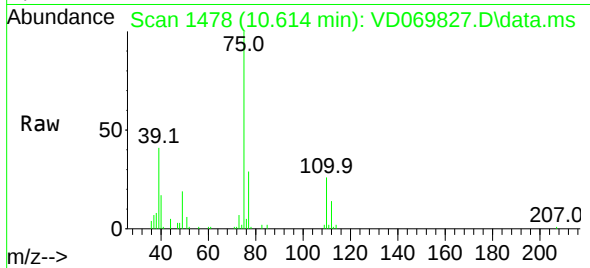




#53
t-1,3-Dichloropropene
Concen: 5.592 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

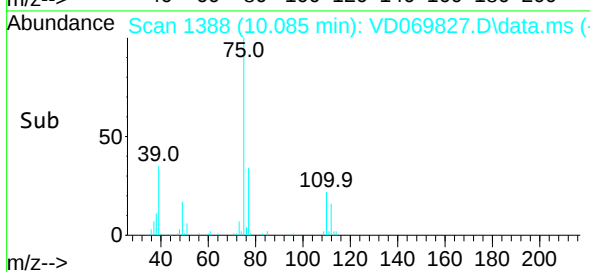
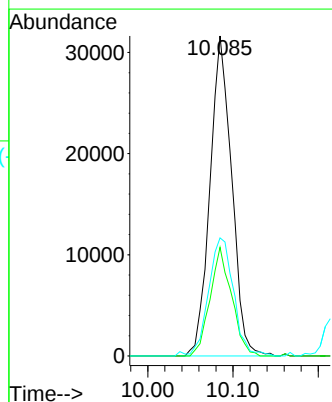
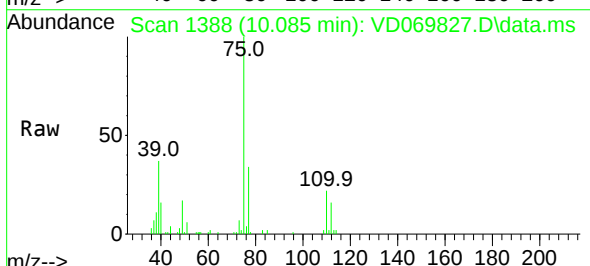
Instrument :
MSVOA_D
ClientSampleId :
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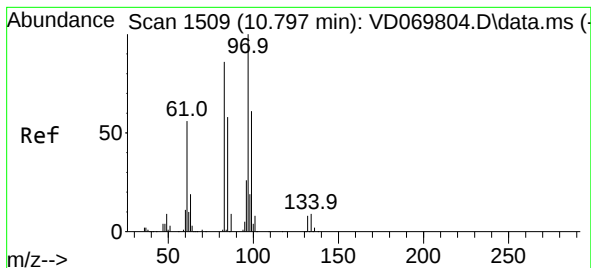
Tgt Ion: 75 Resp: 48132
Ion Ratio Lower Upper
75 100
77 29.1 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 5.386 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 75 Resp: 56128
Ion Ratio Lower Upper
75 100
77 34.0 26.3 39.5
39 36.9 31.0 46.6

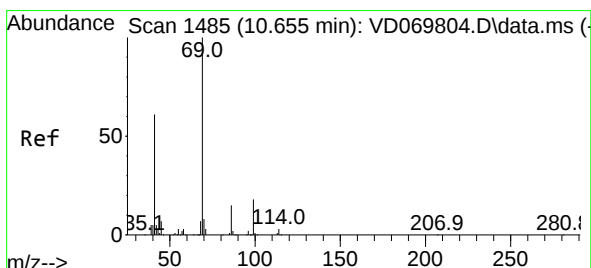
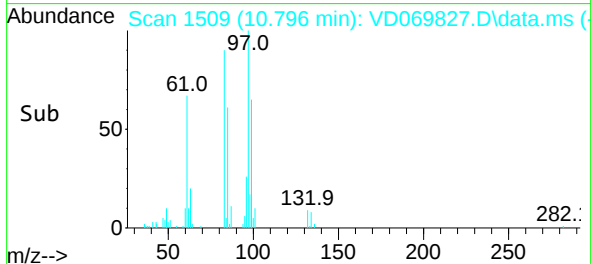
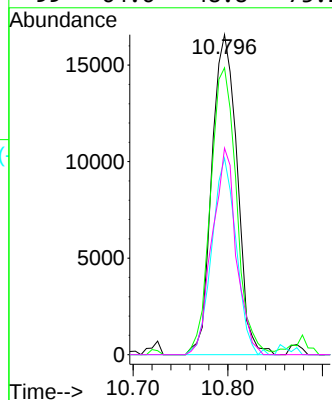
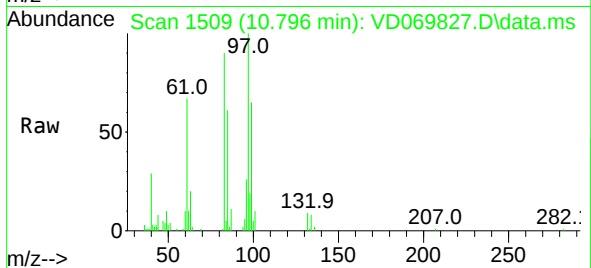




#55
1,1,2-Trichloroethane
Concen: 5.502 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

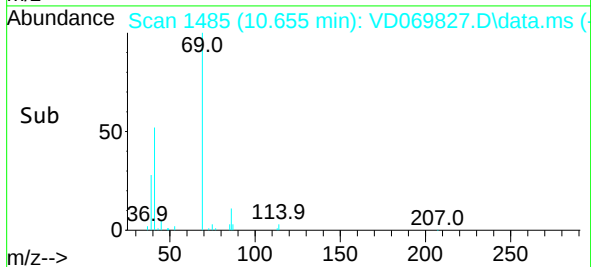
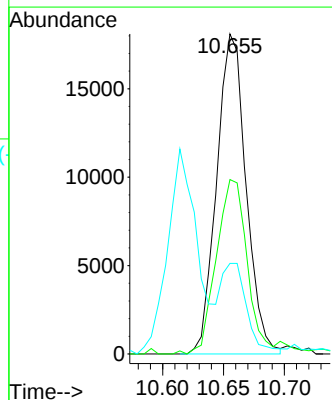
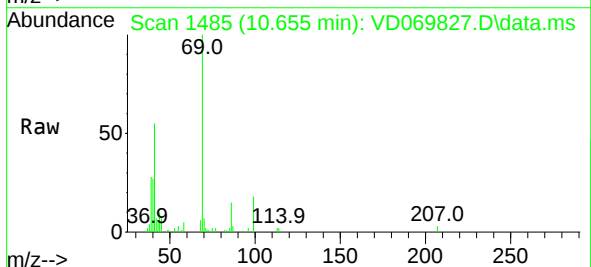
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

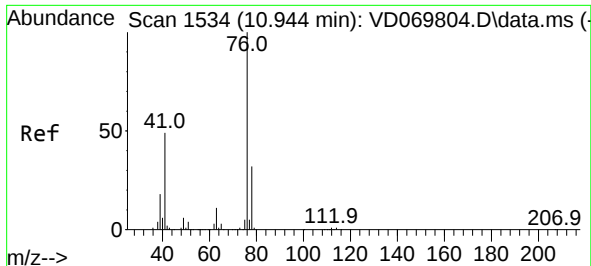
Tgt Ion:	97	Resp:	30672
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.1	103.7
85	61.4	46.2	69.2
99	64.6	48.8	73.2



#56
Ethyl methacrylate
Concen: 4.981 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:	69	Resp:	30404
Ion	Ratio	Lower	Upper
69	100		
41	59.1	50.2	75.2
39	24.8	22.0	33.0

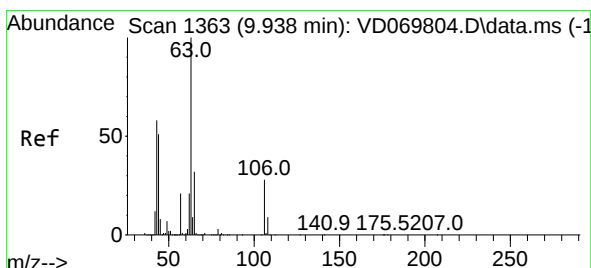
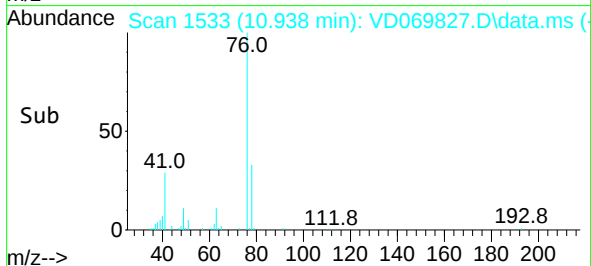
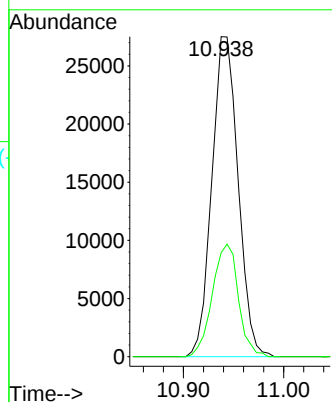
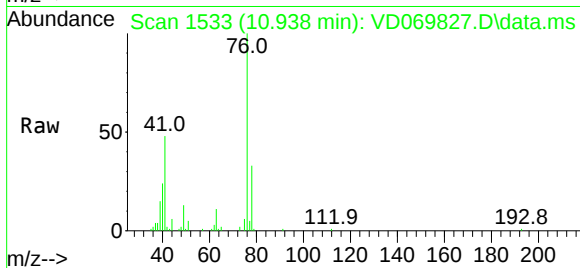




#57
1,3-Dichloropropane
Concen: 5.298 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

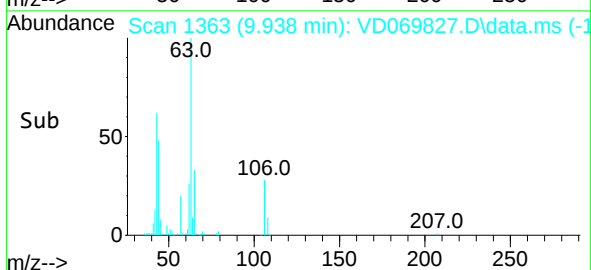
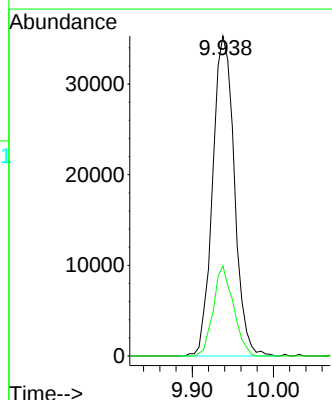
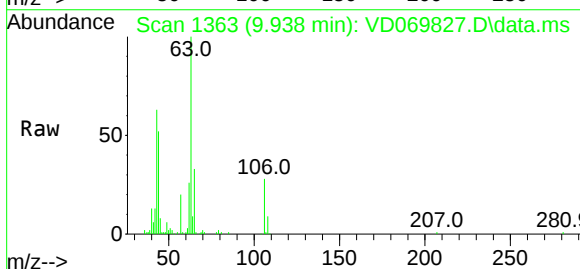
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

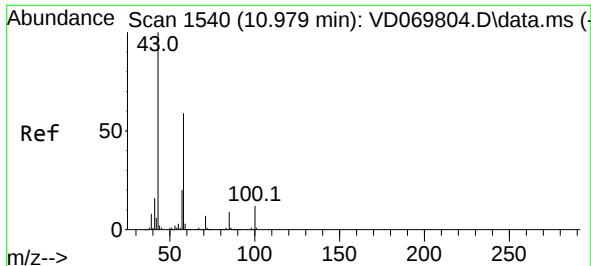
Tgt Ion: 76 Resp: 49974
Ion Ratio Lower Upper
76 100
78 34.8 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 25.075 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 63 Resp: 65563
Ion Ratio Lower Upper
63 100
106 26.0 21.8 32.6

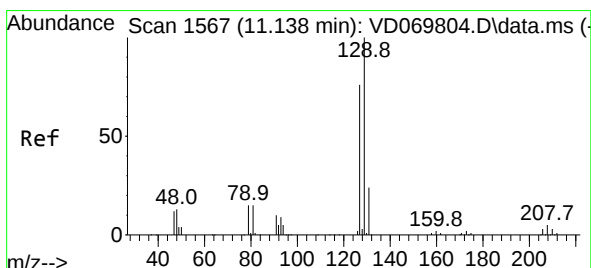
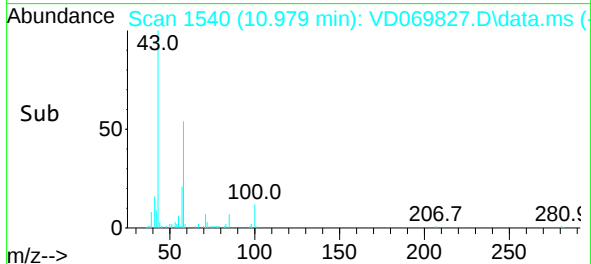
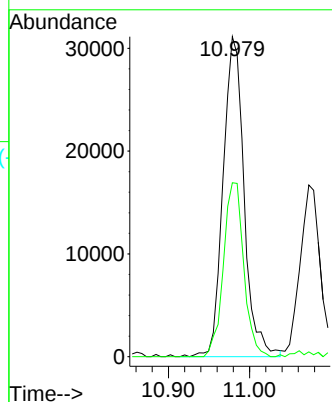
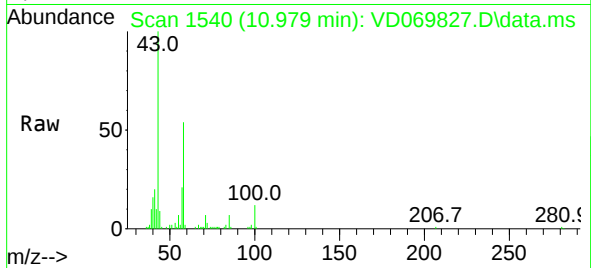




#59
2-Hexanone
Concen: 23.587 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

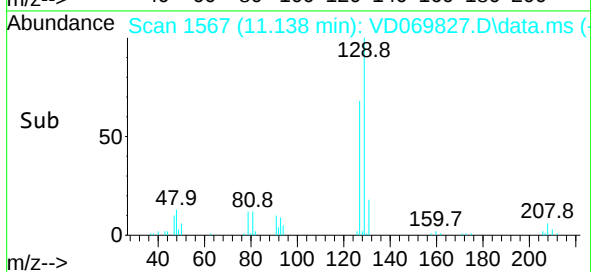
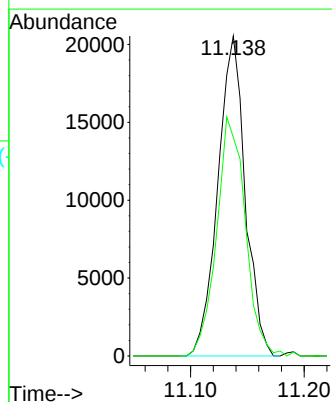
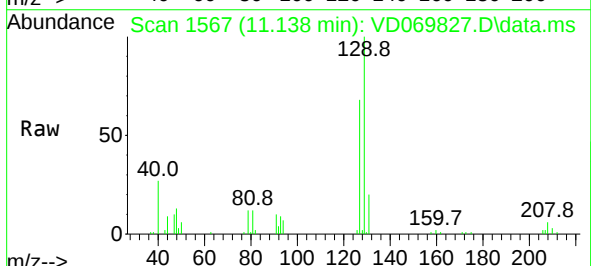
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

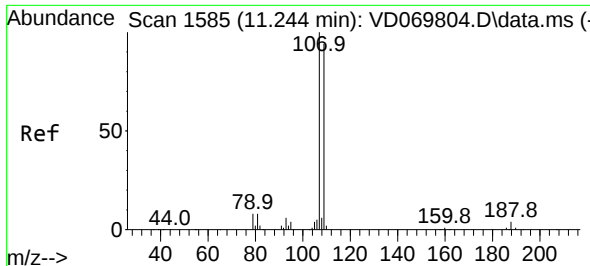
Tgt Ion: 43 Resp: 55932
Ion Ratio Lower Upper
43 100
58 52.6 29.4 88.3



#60
Dibromochloromethane
Concen: 5.451 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

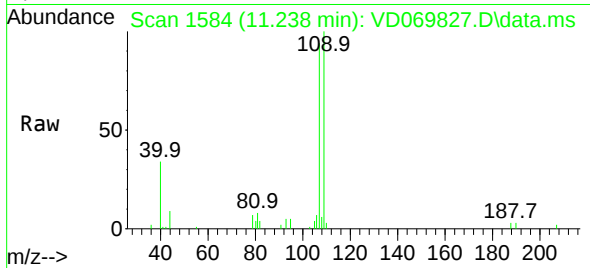
Tgt Ion: 129 Resp: 34417
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1



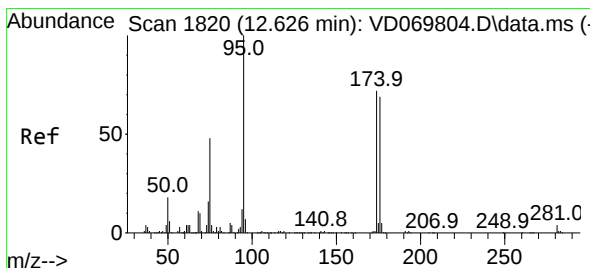
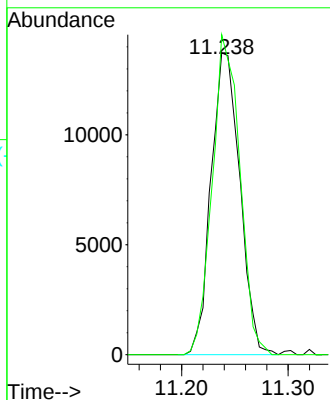
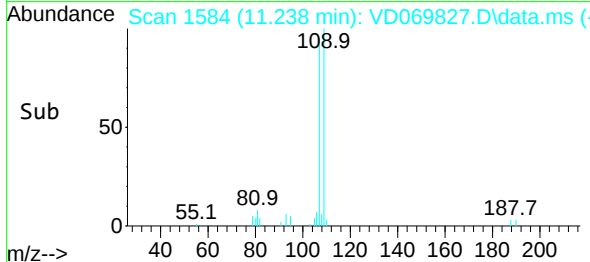


#61
1,2-Dibromoethane
Concen: 5.135 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

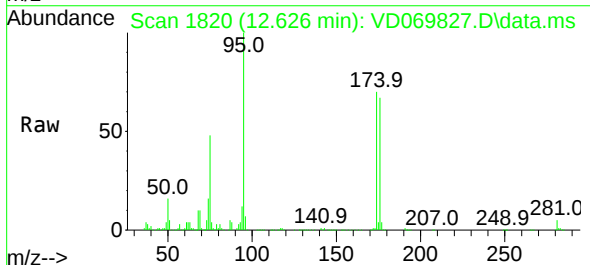
Instrument :
MSVOA_D
ClientSampleId :
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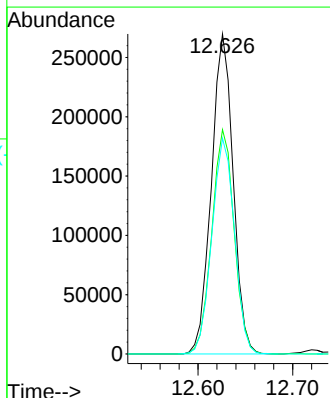
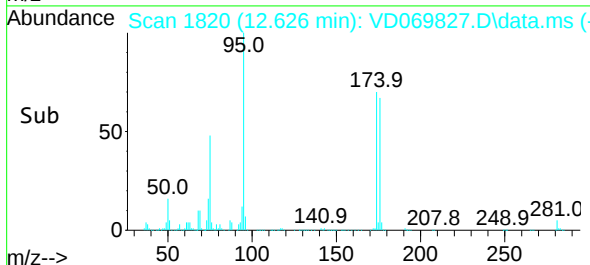
Tgt Ion:107 Resp: 25773
Ion Ratio Lower Upper
107 100
109 101.6 74.5 111.7

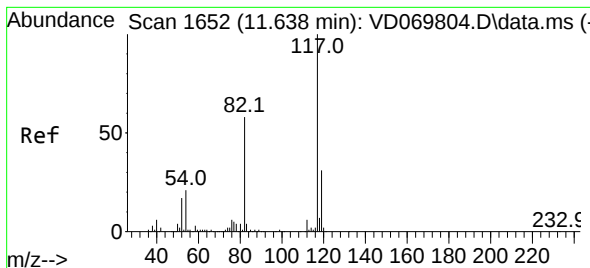


#62
4-Bromofluorobenzene
Concen: 54.205 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25



Tgt Ion: 95 Resp: 430547
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.6
176 69.9 0.0 134.2

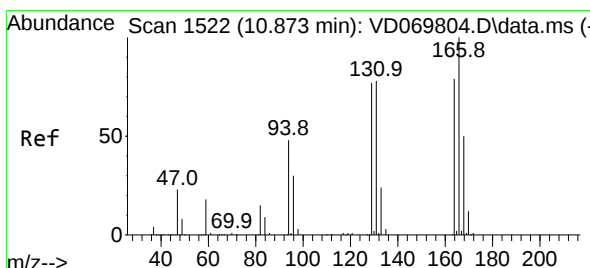
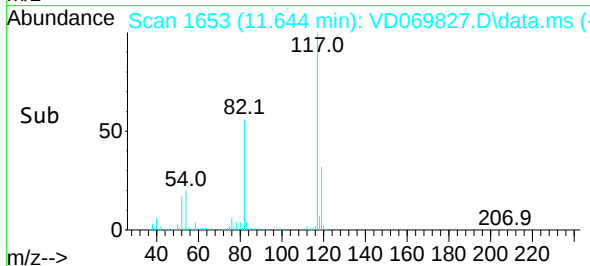
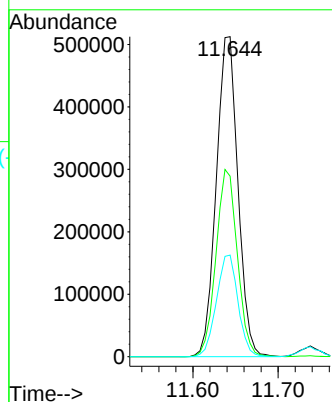
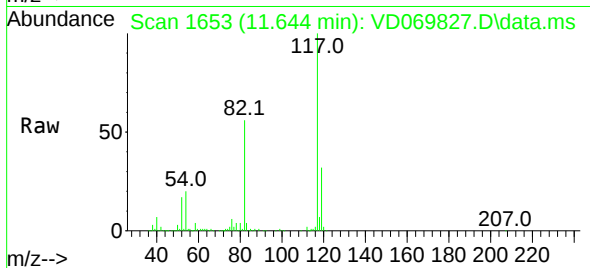




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

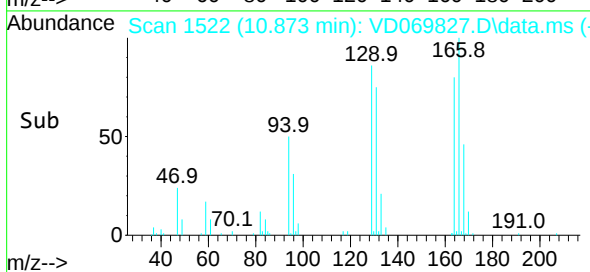
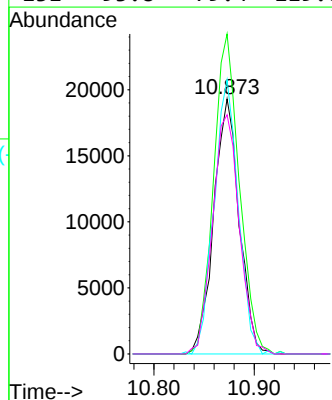
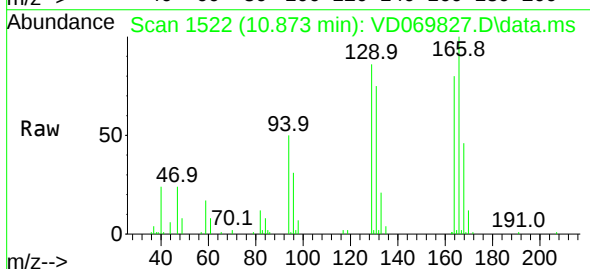
Instrument :
MSVOA_D
ClientSampleId :
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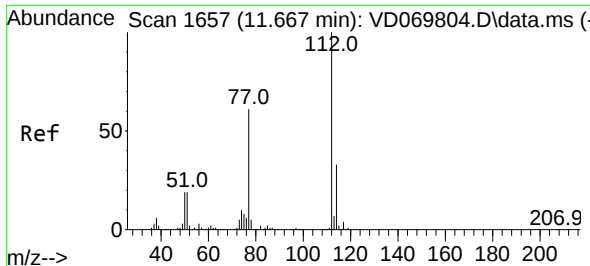
Tgt Ion:117 Resp: 905746
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 31.7 24.7 37.1



#64
Tetrachloroethene
Concen: 5.889 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:164 Resp: 34003
Ion Ratio Lower Upper
164 100
166 125.5 101.8 152.8
129 107.5 78.8 118.2
131 93.8 79.4 119.0

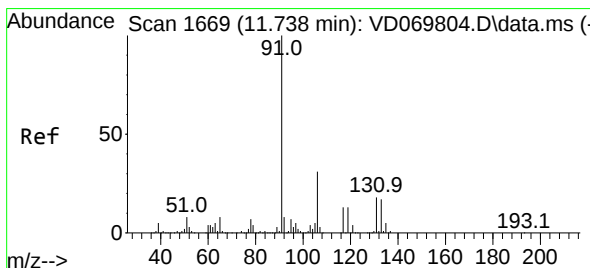
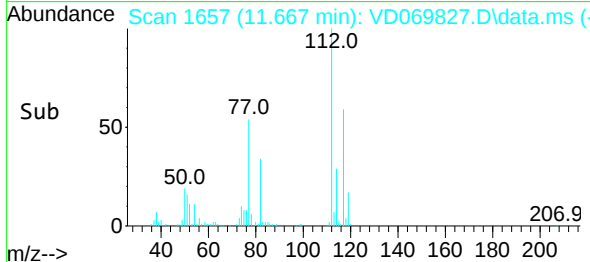
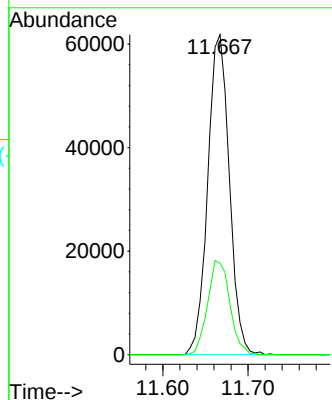
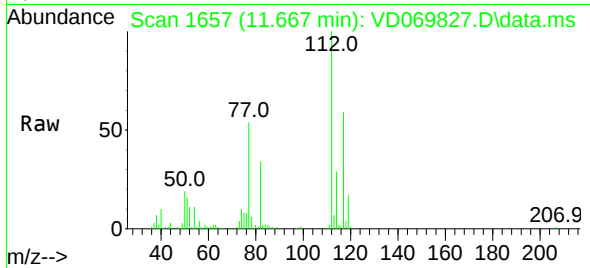




#65
Chlorobenzene
Concen: 5.796 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

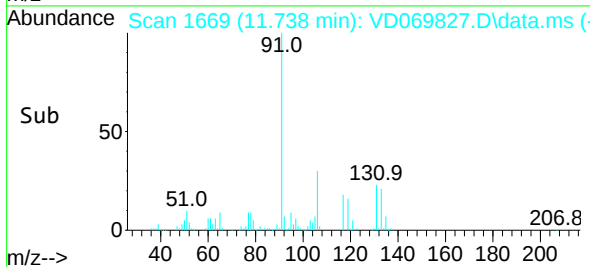
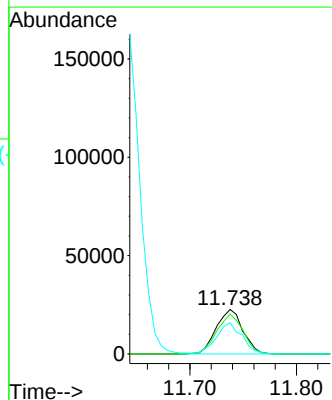
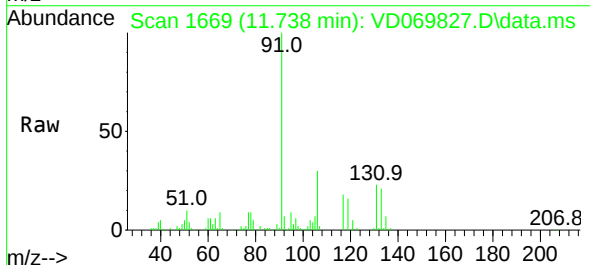
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

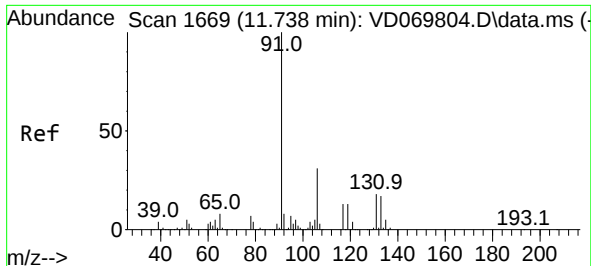
Tgt Ion:112 Resp: 108771
Ion Ratio Lower Upper
112 100
114 28.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.803 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:131 Resp: 39172
Ion Ratio Lower Upper
131 100
133 89.2 46.4 139.1
119 67.0 34.2 102.5

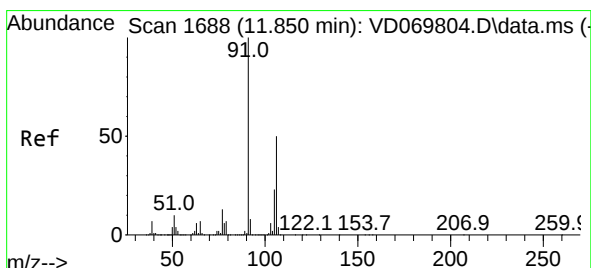
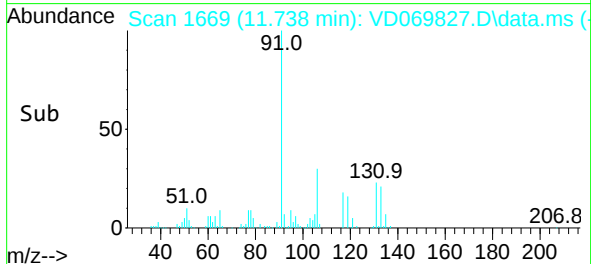
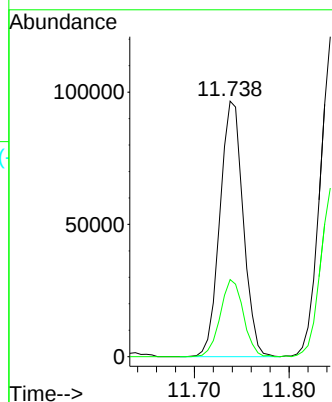
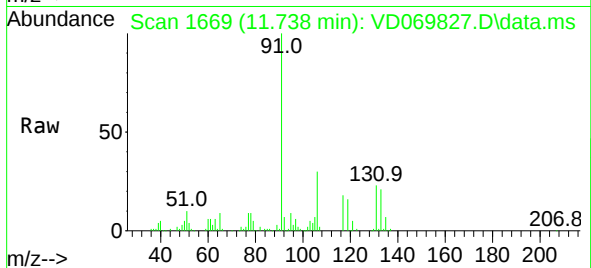




#67
Ethyl Benzene
Concen: 5.001 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

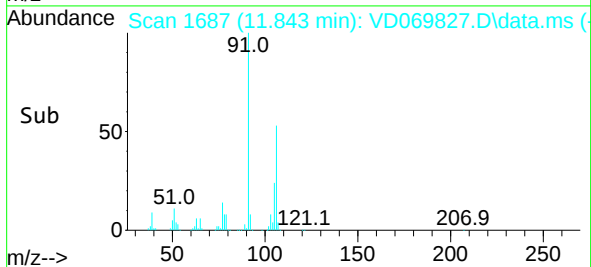
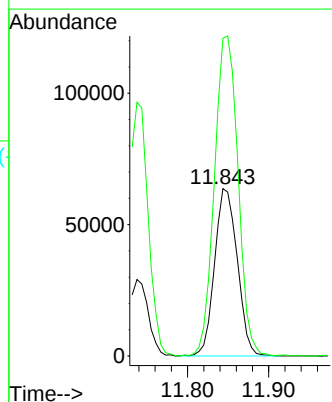
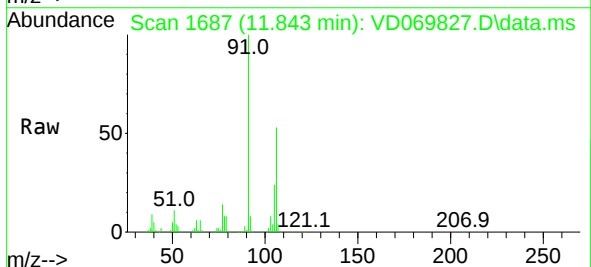
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

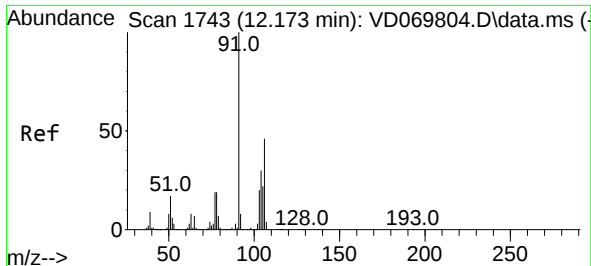
Tgt Ion: 91 Resp: 165203
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#68
m/p-Xylenes
Concen: 9.664 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 106 Resp: 123763
Ion Ratio Lower Upper
106 100
91 199.2 162.4 243.6

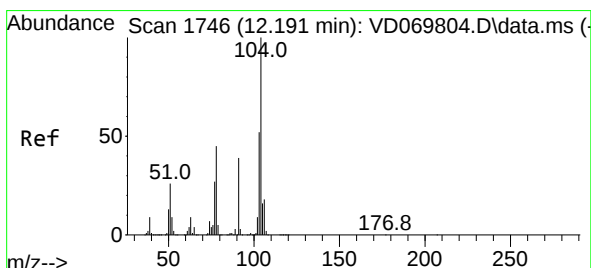
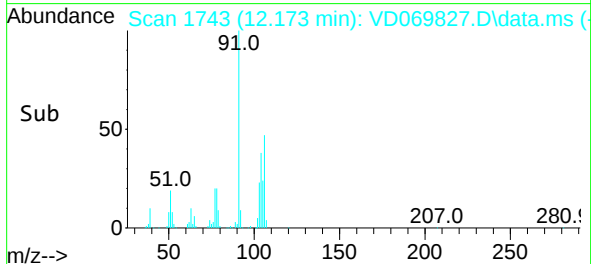
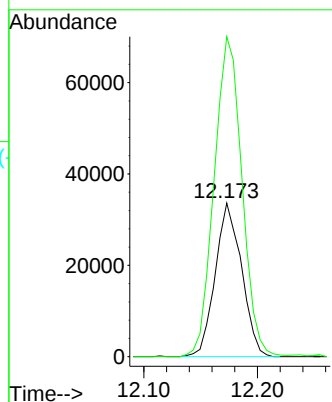
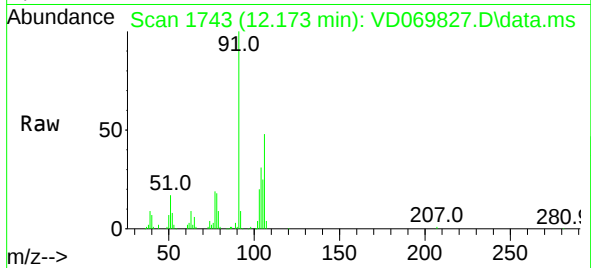




#69
o-Xylene
Concen: 4.652 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

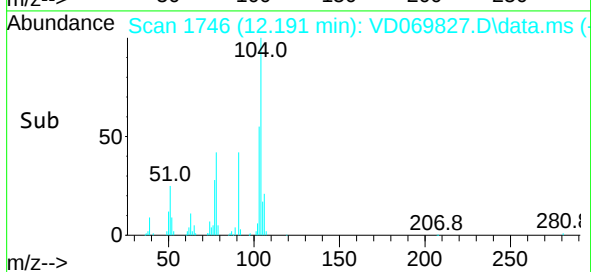
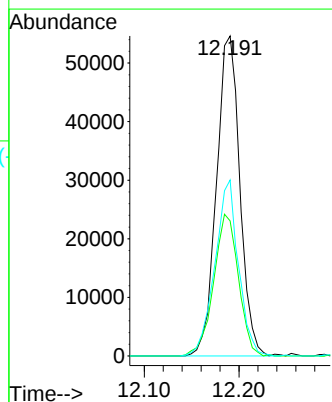
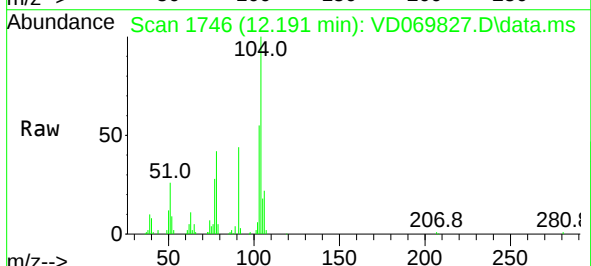
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

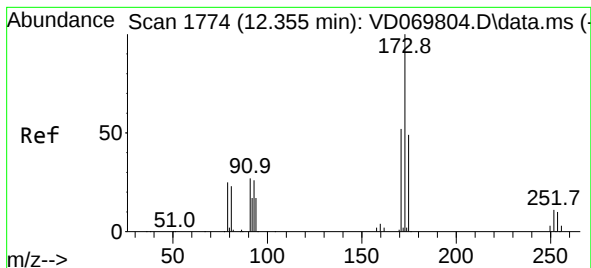
Tgt Ion:106 Resp: 54160
Ion Ratio Lower Upper
106 100
91 220.2 107.6 322.8



#70
Styrene
Concen: 4.645 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:104 Resp: 93716
Ion Ratio Lower Upper
104 100
78 47.0 39.7 59.5
103 55.4 44.0 66.0





#71

Bromoform

Concen: 5.389 ug/l

RT: 12.349 min Scan# 1773

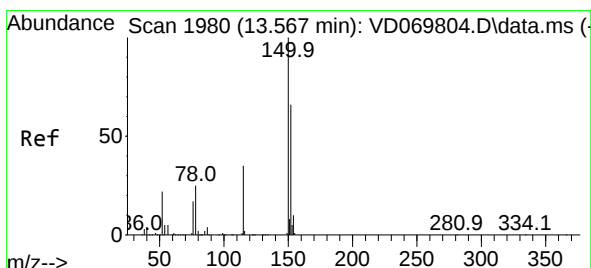
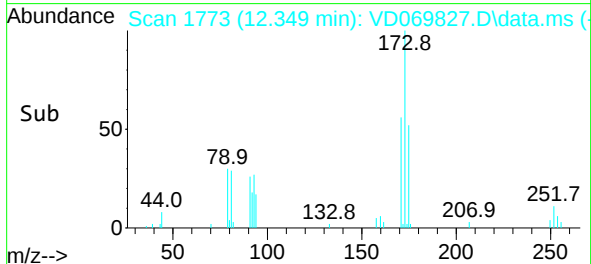
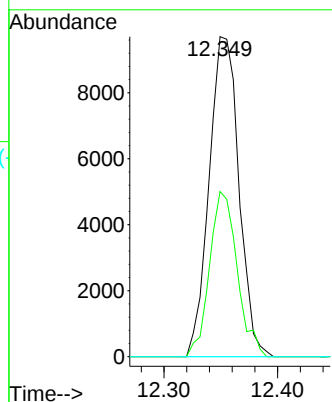
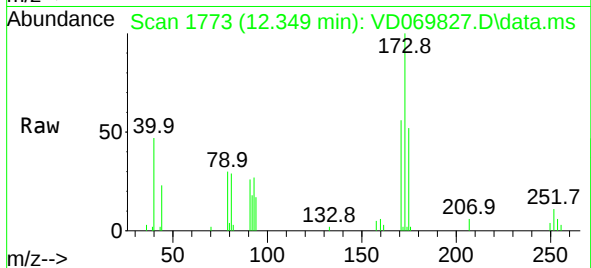
Delta R.T. -0.006 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion:	173	Resp:	17667
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.1	72.3
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

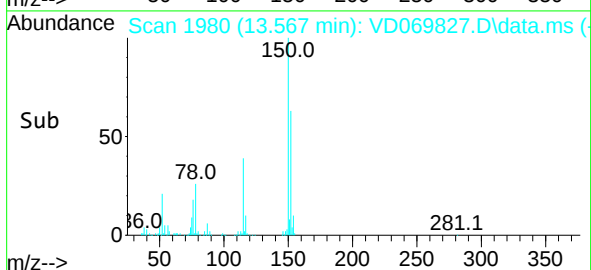
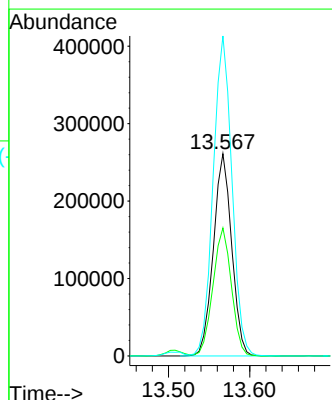
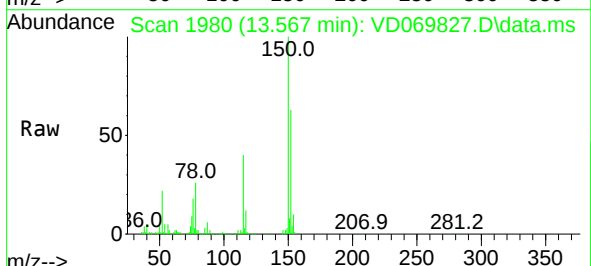
RT: 13.567 min Scan# 1980

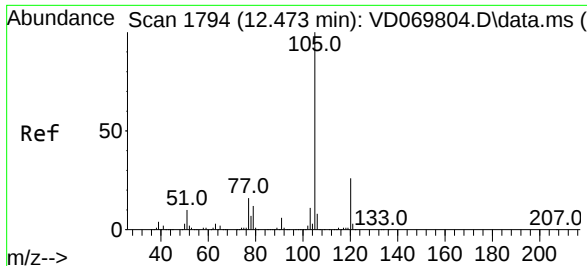
Delta R.T. -0.000 min

Lab File: VD069827.D

Acq: 23 Jul 2021 14:25

Tgt Ion:	152	Resp:	408902
Ion Ratio	Lower	Upper	
152	100		
115	63.9	31.1	93.3
150	162.0	0.0	343.0

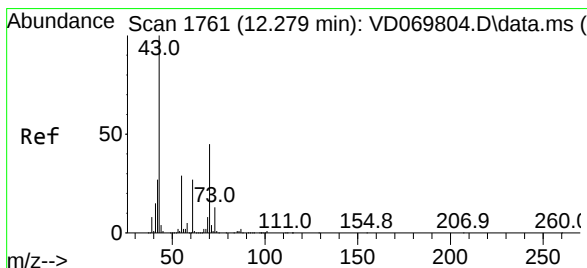
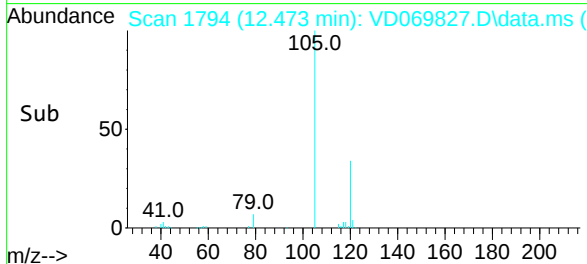
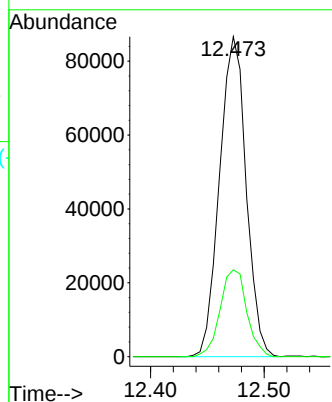
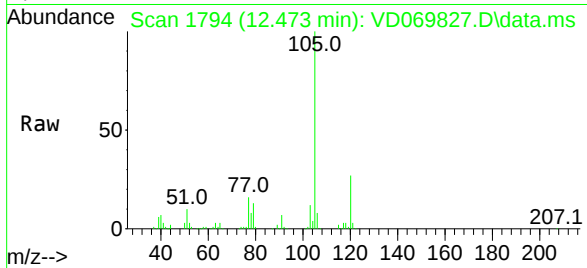




#73
Isopropylbenzene
Concen: 4.793 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

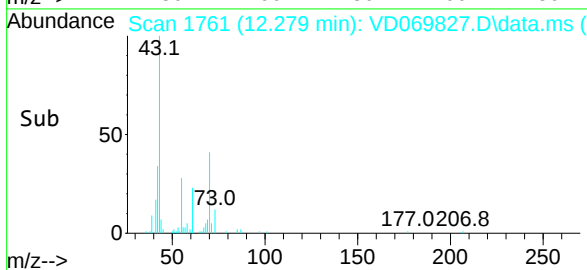
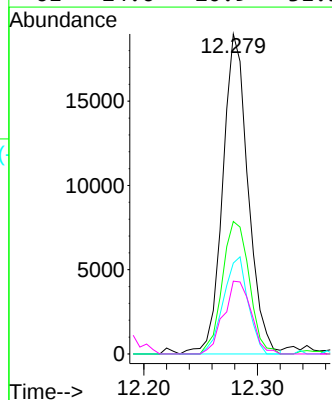
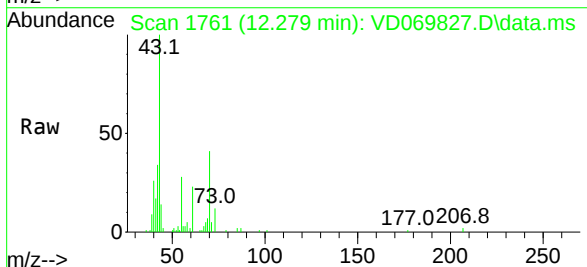
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

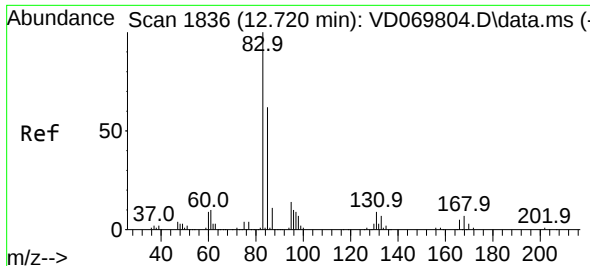
Tgt Ion:105 Resp: 140808
Ion Ratio Lower Upper
105 100
120 27.3 13.0 38.9



#74
N-ethyl acetate
Concen: 4.879 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 43 Resp: 29484
Ion Ratio Lower Upper
43 100
70 43.9 37.9 56.9
55 29.3 23.7 35.5
61 24.6 20.9 31.3

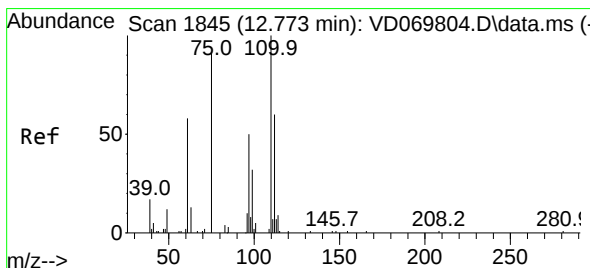
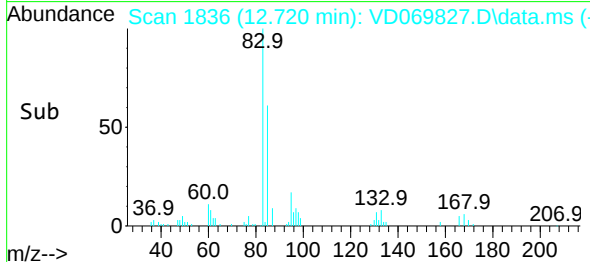
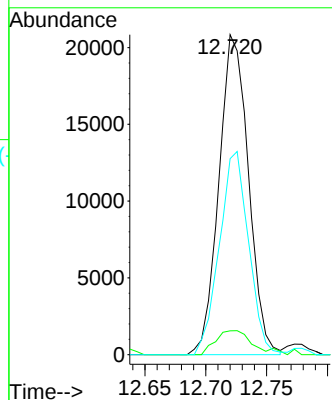
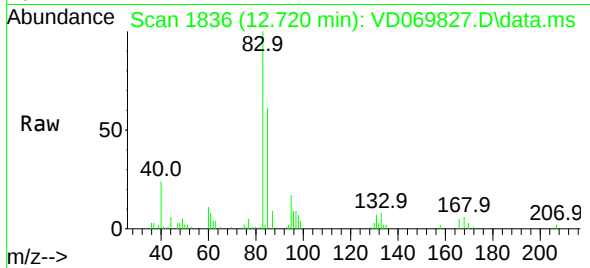




#75
1,1,2,2-Tetrachloroethane
Concen: 5.995 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

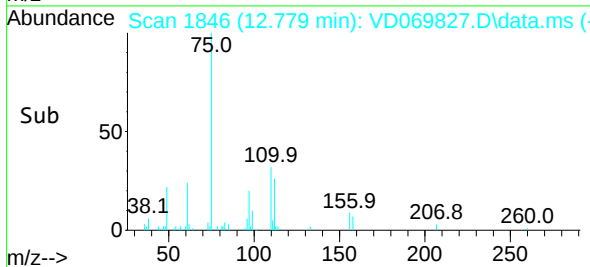
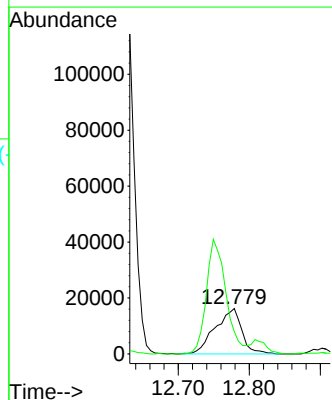
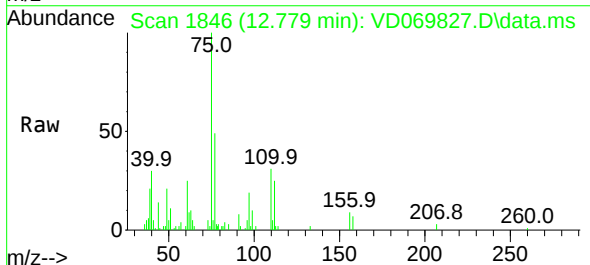
Instrument :
MSVOA_D
ClientSampleId :
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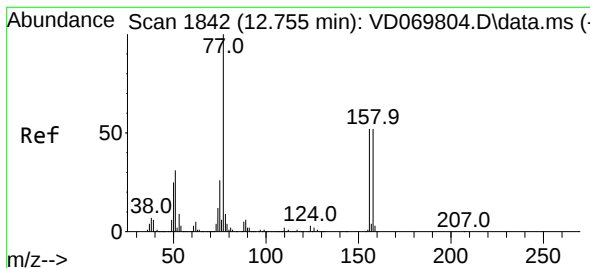
Tgt Ion: 83 Resp: 35174
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 63.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 9.724 ug/l
RT: 12.779 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 75 Resp: 42262
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#

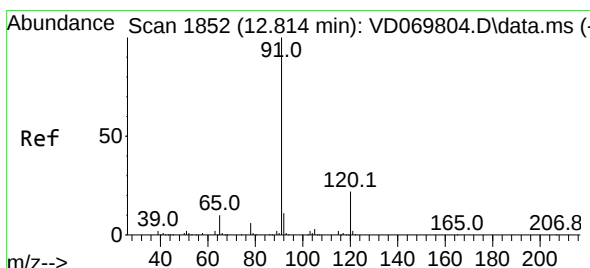
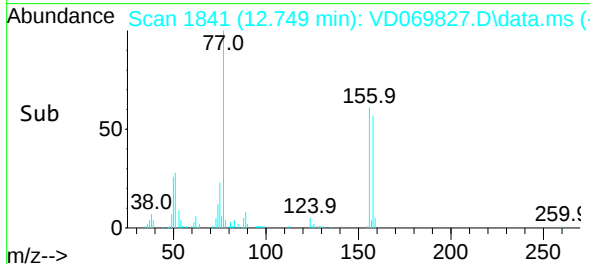
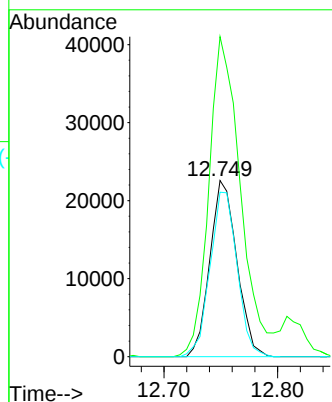
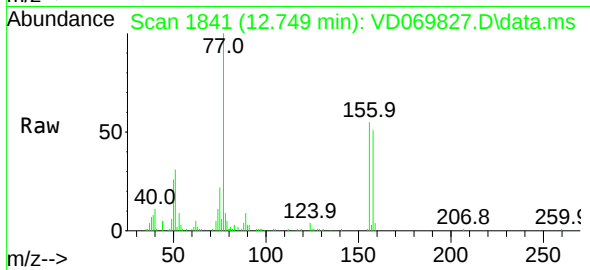




#77
Bromobenzene
Concen: 5.645 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

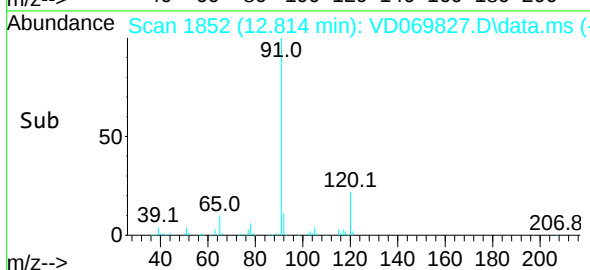
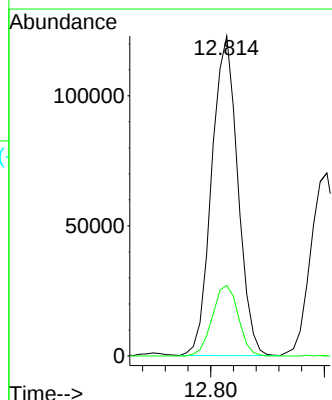
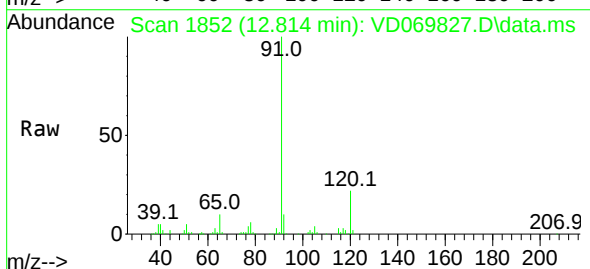
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

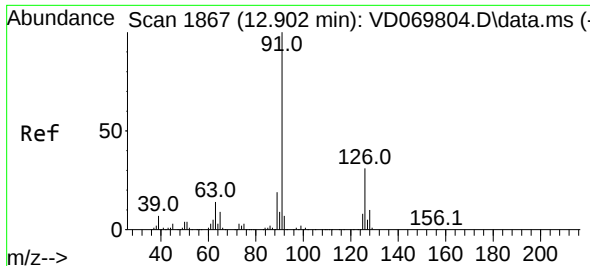
Tgt Ion:156 Resp: 37353
Ion Ratio Lower Upper
156 100
77 212.2 107.1 321.3
158 93.6 48.1 144.3



#78
n-propylbenzene
Concen: 5.191 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 91 Resp: 195886
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.7

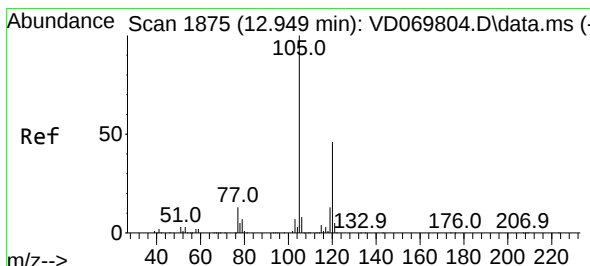
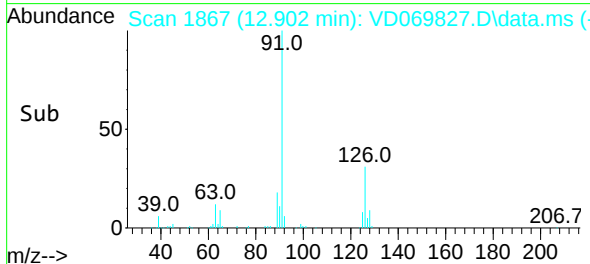
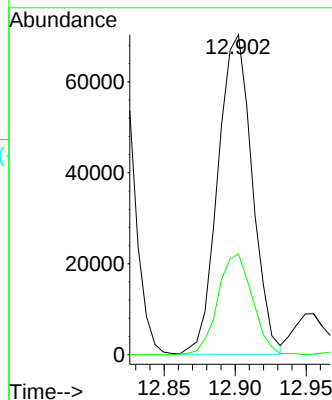
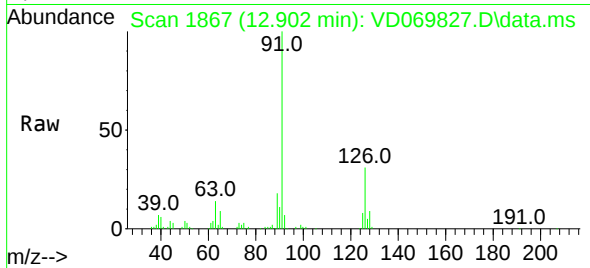




#79
2-Chlorotoluene
Concen: 5.393 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

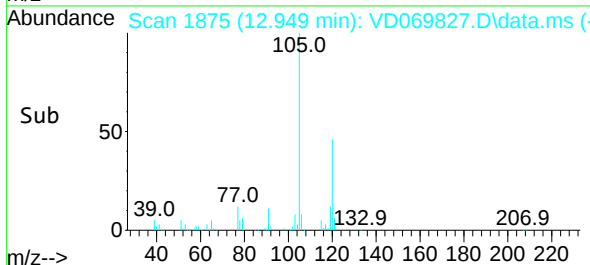
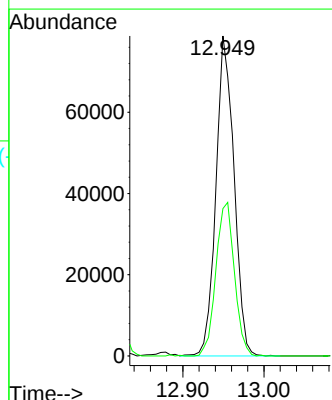
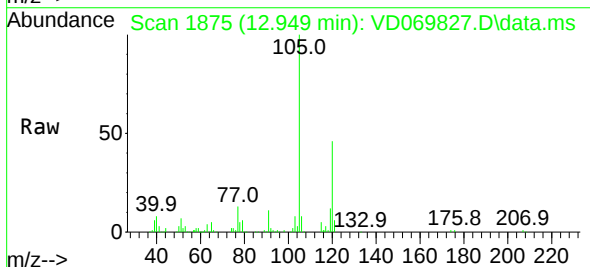
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

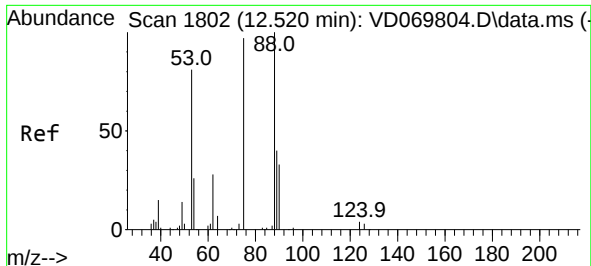
Tgt Ion: 91 Resp: 118207
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 4.851 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 105 Resp: 121908
Ion Ratio Lower Upper
105 100
120 49.2 23.8 71.2

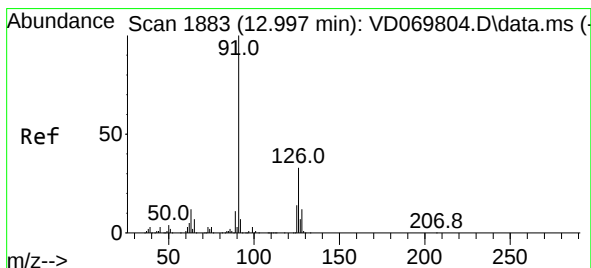
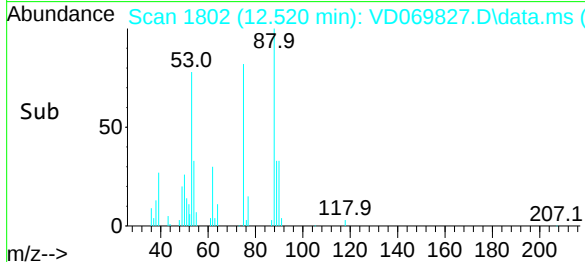
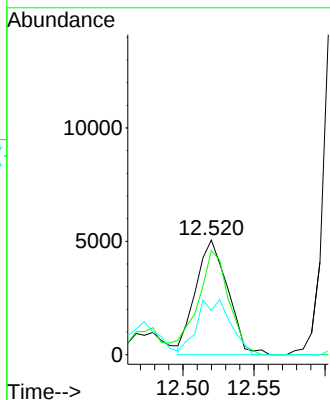
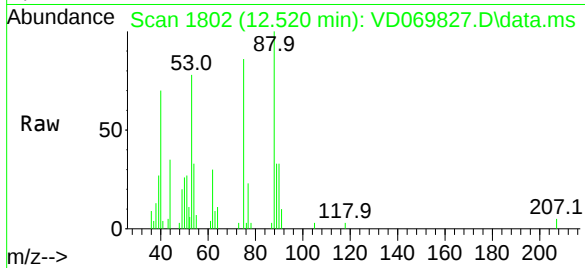




#81
trans-1,4-Dichloro-2-butene
Concen: 5.559 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

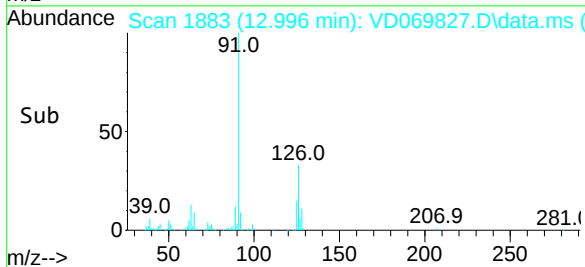
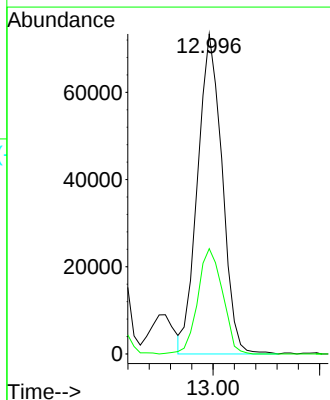
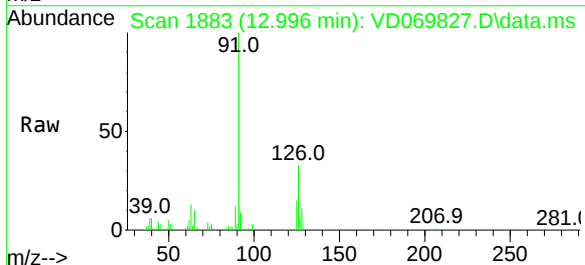
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

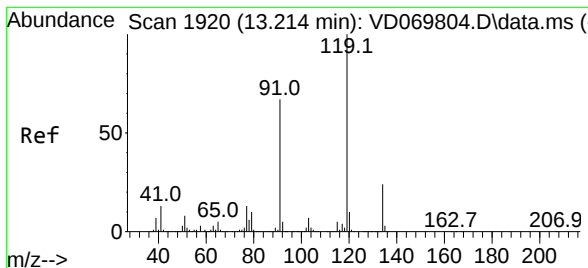
Tgt Ion:	75	Resp:	7964
Ion	Ratio	Lower	Upper
75	100		
53	88.5	67.2	100.8
89	49.8	35.8	53.6



#82
4-Chlorotoluene
Concen: 5.123 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:	91	Resp:	117387
Ion	Ratio	Lower	Upper
91	100		
126	33.2	15.9	47.6

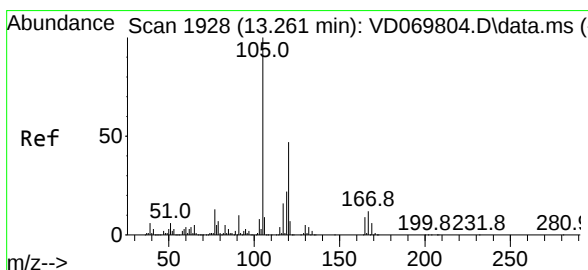
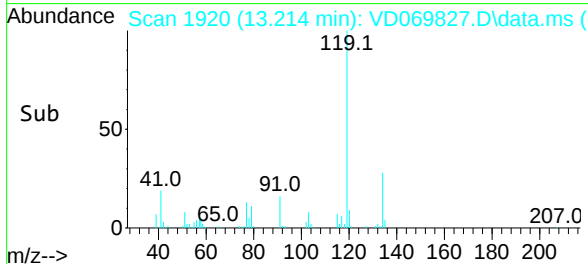
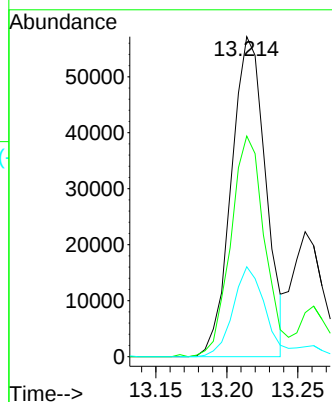
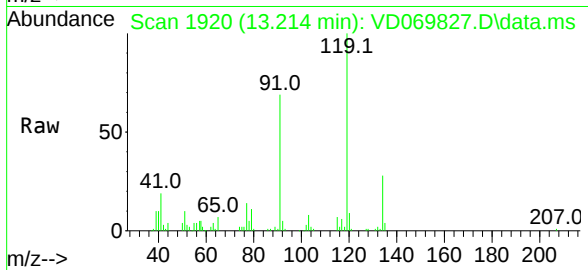




#83
tert-Butylbenzene
Concen: 4.709 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

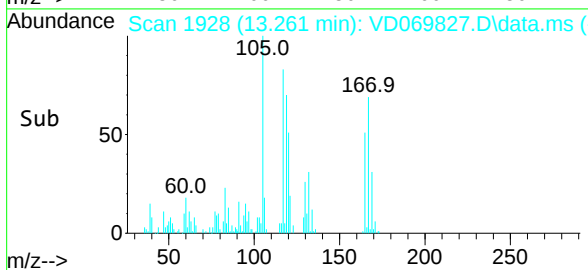
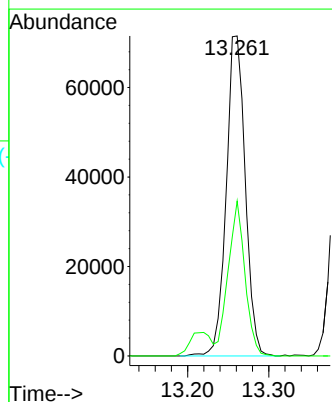
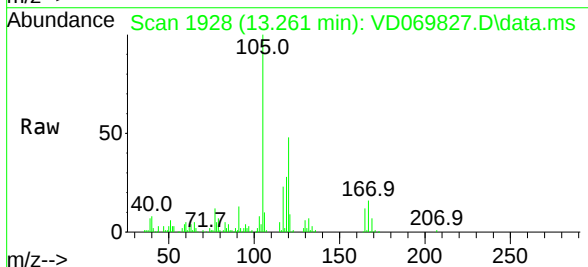
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

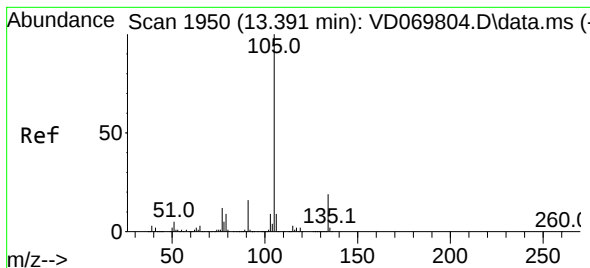
Tgt Ion:119 Resp: 96226
Ion Ratio Lower Upper
119 100
91 68.5 33.7 101.1
134 26.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 4.704 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:105 Resp: 116643
Ion Ratio Lower Upper
105 100
120 43.0 22.6 67.8

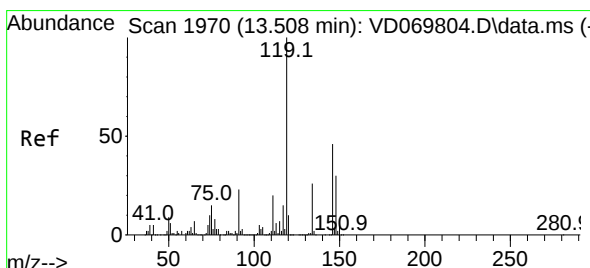
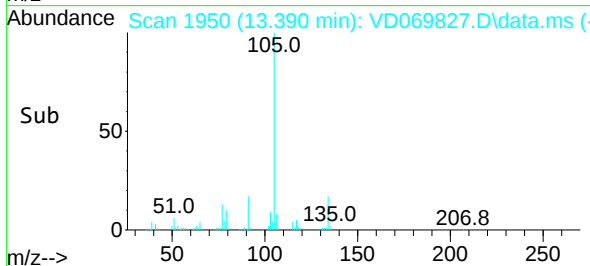
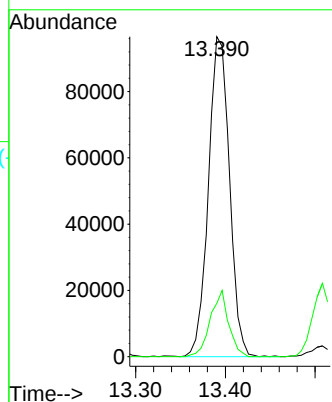
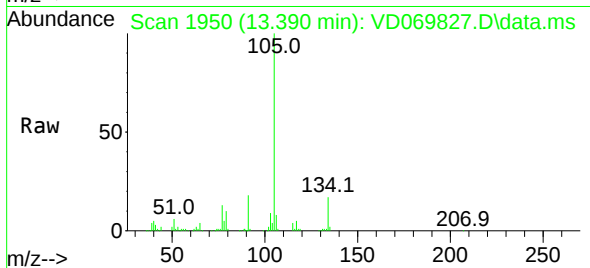




#85
 sec-Butylbenzene
 Concen: 4.869 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD069827.D
 Acq: 23 Jul 2021 14:25

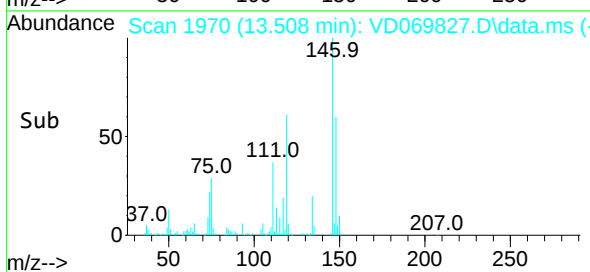
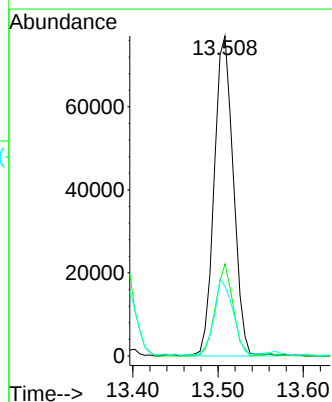
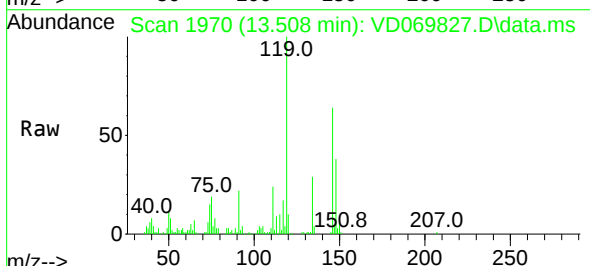
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

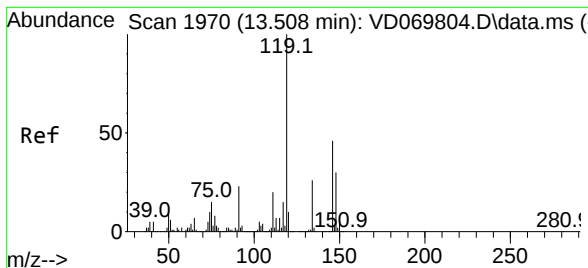
Tgt Ion:105 Resp: 157297
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 4.603 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069827.D
 Acq: 23 Jul 2021 14:25

Tgt Ion:119 Resp: 120795
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 23.9 11.7 35.1



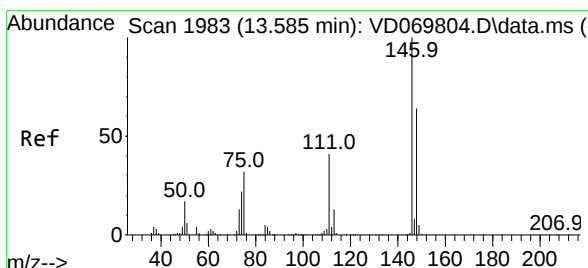
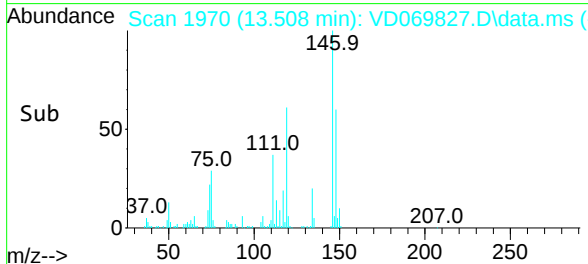
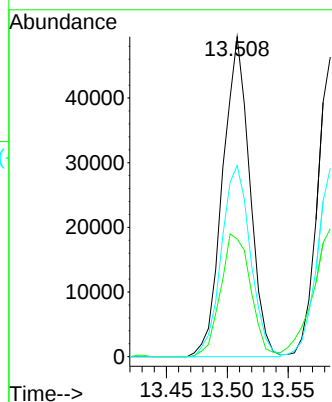
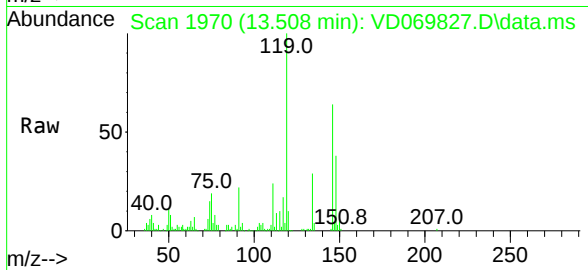


#87

1,3-Dichlorobenzene
Concen: 5.504 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

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

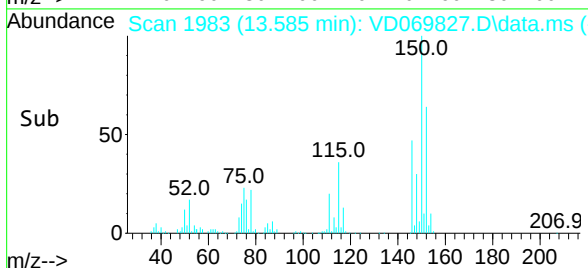
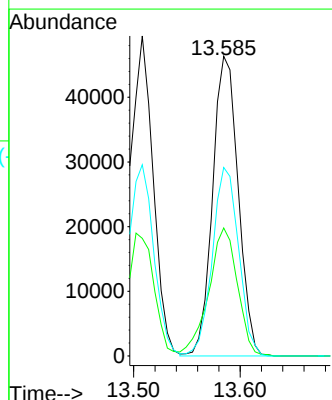
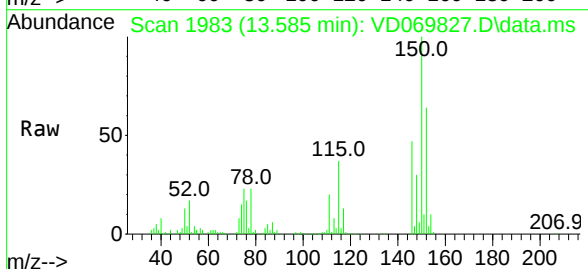
Tgt Ion:146 Resp: 76467
Ion Ratio Lower Upper
146 100
111 42.7 21.7 65.1
148 64.1 32.1 96.3

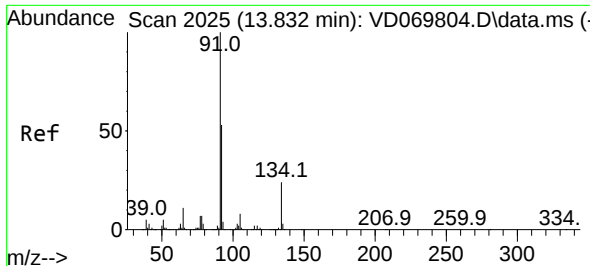


#88

1,4-Dichlorobenzene
Concen: 5.580 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:146 Resp: 77266
Ion Ratio Lower Upper
146 100
111 48.0 20.8 62.4
148 64.7 31.6 95.0

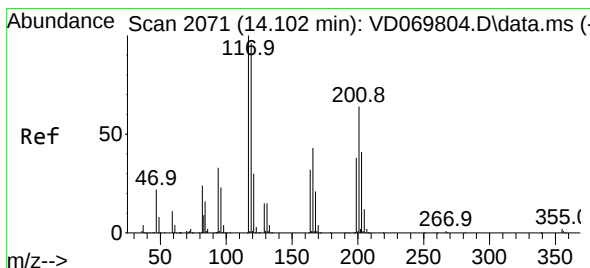
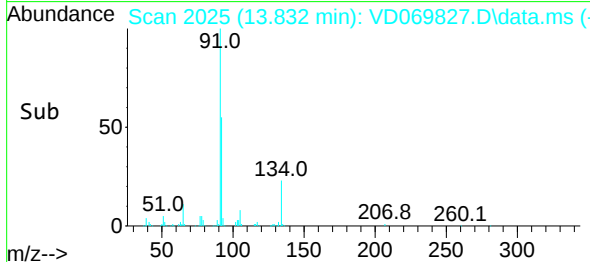
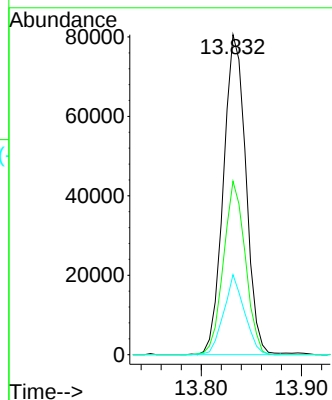
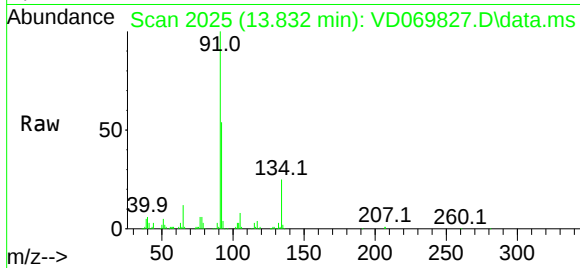




#89
n-Butylbenzene
Concen: 4.833 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

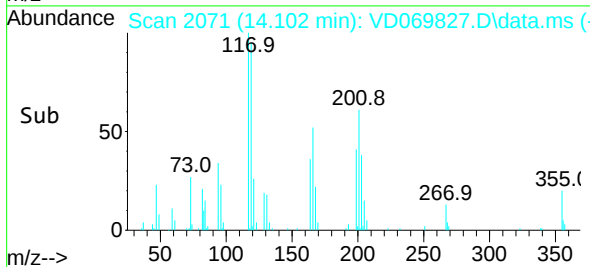
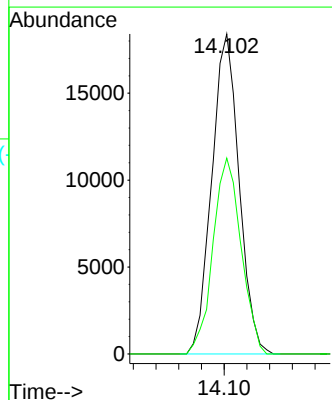
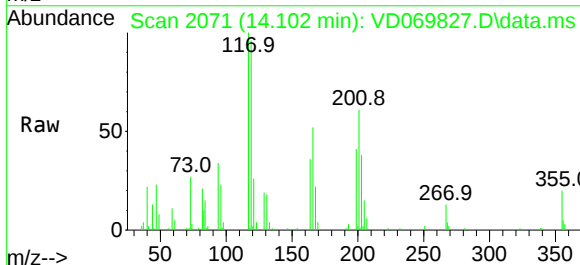
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

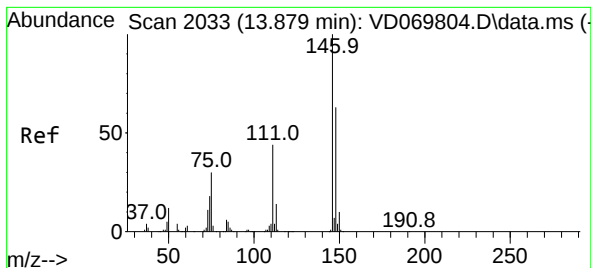
Tgt Ion: 91	Resp: 125167
Ion Ratio	Lower Upper
91	100
92	52.7 26.6 79.7
134	23.2 11.9 35.7



#90
Hexachloroethane
Concen: 5.532 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 117	Resp: 30752
Ion Ratio	Lower Upper
117	100
201	63.0 31.9 95.5

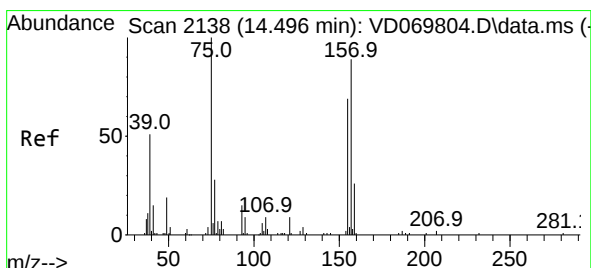
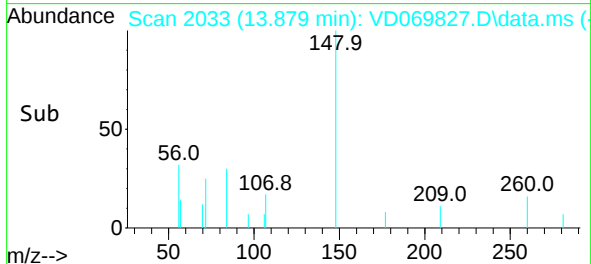
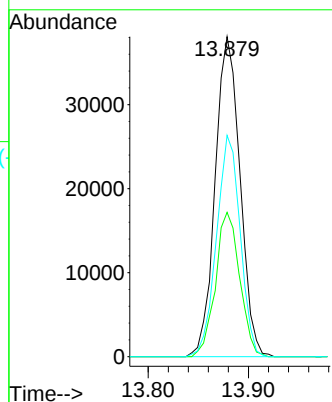
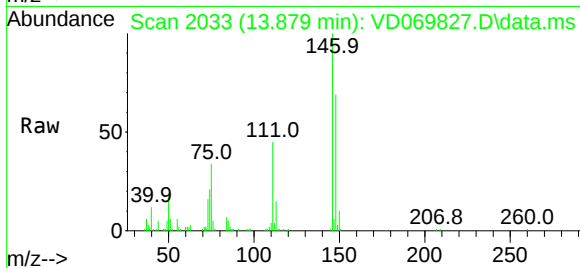




#91
1,2-Dichlorobenzene
Concen: 5.467 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

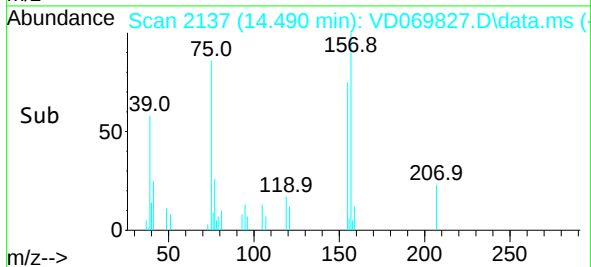
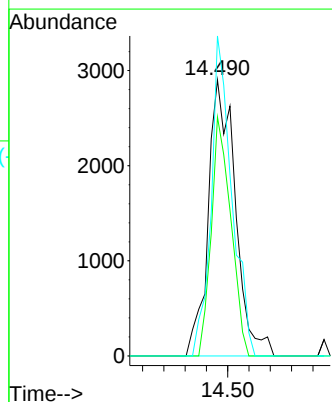
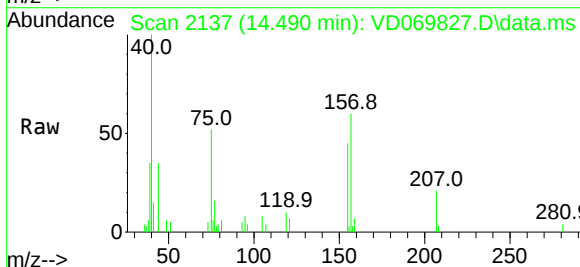
Instrument :
MSVOA_D
ClientSampleId :
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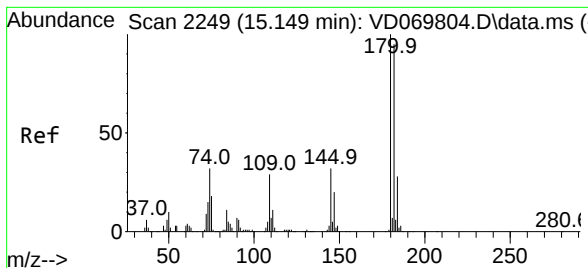
Tgt Ion:146 Resp: 65550
Ion Ratio Lower Upper
146 100
111 43.9 21.7 65.1
148 65.9 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.079 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.006 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion: 75 Resp: 5136
Ion Ratio Lower Upper
75 100
155 62.3 36.3 108.9
157 88.8 47.0 141.0

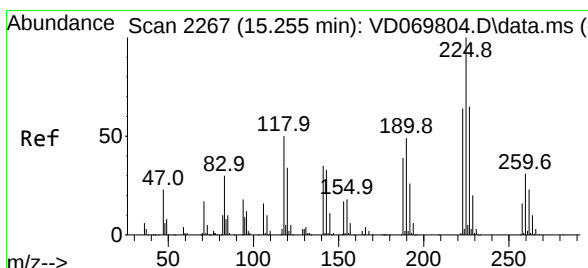
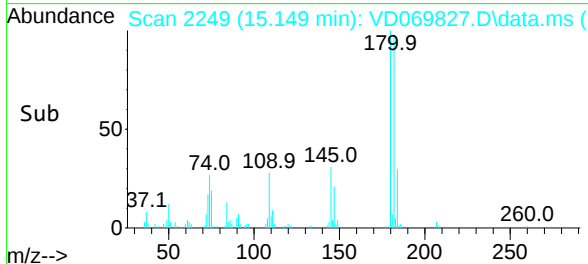
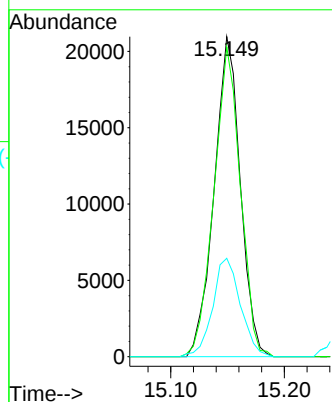
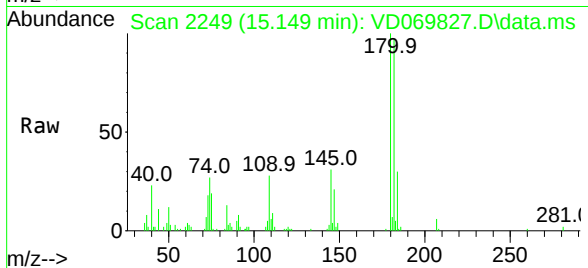




#93
1,2,4-Trichlorobenzene
Concen: 5.188 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

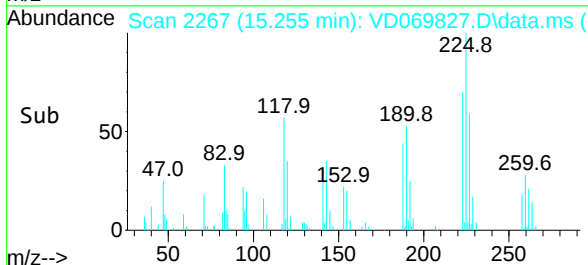
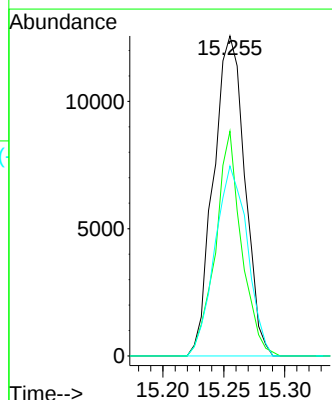
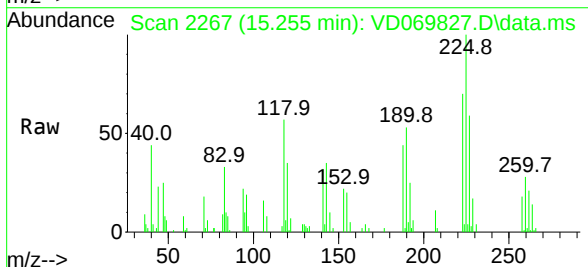
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

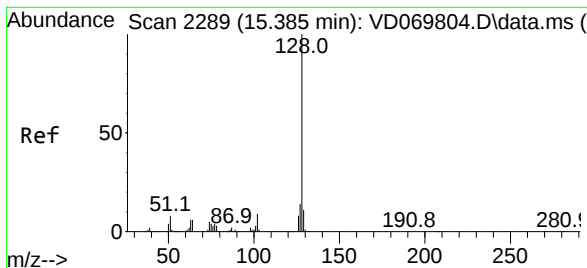
Tgt Ion:	180	Resp:	33561
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.6	142.9
145	32.6	16.4	49.2



#94
Hexachlorobutadiene
Concen: 5.682 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:	225	Resp:	22486
Ion Ratio	Lower	Upper	
225	100		
223	58.1	31.5	94.5
227	61.8	31.9	95.7

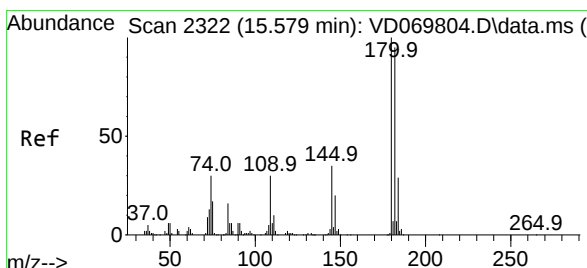
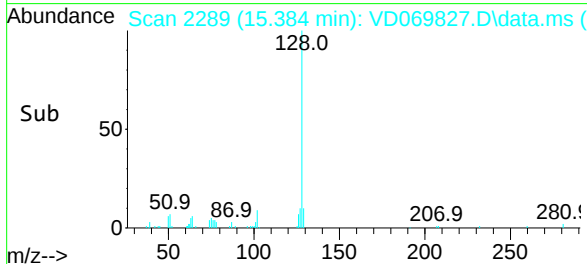
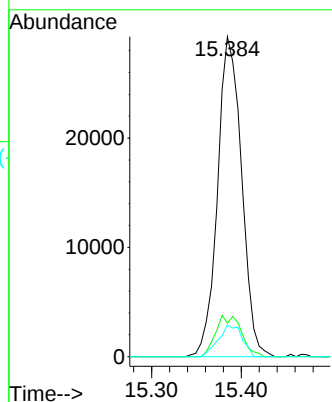
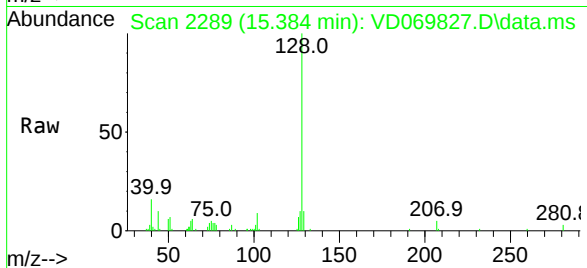




#95
Naphthalene
Concen: 4.715 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

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

Tgt Ion:128 Resp: 54453
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 9.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 5.167 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069827.D
Acq: 23 Jul 2021 14:25

Tgt Ion:180 Resp: 28910
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 37.6 17.3 51.9

