

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069143.D
 Acq On : 12 May 2021 18:27
 Operator : VA/SY
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: May 13 04:37:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:37:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	277682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	497020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	465100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	211923	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152088	54.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.26%
35) Dibromofluoromethane	7.920	113	157368	48.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.30%
50) Toluene-d8	10.338	98	573495	48.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.52%
62) 4-Bromofluorobenzene	12.626	95	179836	47.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.06%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	11756	3.98	ug/l 97
3) Chloromethane	2.209	50	15033	4.43	ug/l 92
4) Vinyl Chloride	2.350	62	18342	4.10	ug/l 89
5) Bromomethane	2.773	94	16035	4.77	ug/l 98
6) Chloroethane	2.921	64	13121	4.56	ug/l 94
7) Trichlorofluoromethane	3.273	101	22874	4.19	ug/l 84
8) Diethyl Ether	3.709	74	5615	4.51	ug/l 96
9) 1,1,2-Trichlorotrifluo...	4.091	101	13355	4.32	ug/l 94
10) Methyl Iodide	4.297	142	10190	3.46	ug/l # 97
11) Tert butyl alcohol	5.185	59	12066	63.42	ug/l # 73
12) 1,1-Dichloroethene	4.079	96	12229	4.40	ug/l 84
13) Acrolein	3.920	56	4071	17.97	ug/l 93
14) Allyl chloride	4.720	41	12741	4.18	ug/l 96
15) Acrylonitrile	5.426	53	9406	20.23	ug/l 98
16) Acetone	4.173	43	9458	22.18	ug/l # 83
17) Carbon Disulfide	4.420	76	39047	4.24	ug/l # 93
18) Methyl Acetate	4.715	43	4629	4.47	ug/l # 79
19) Methyl tert-butyl Ether	5.473	73	20550	4.08	ug/l 99
20) Methylene Chloride	4.967	84	51179	11.34	ug/l 93
21) trans-1,2-Dichloroethene	5.473	96	13565	4.12	ug/l 84
22) Diisopropyl ether	6.361	45	22575	3.71	ug/l 93
23) Vinyl Acetate	6.309	43	50244	13.99	ug/l 99
24) 1,1-Dichloroethane	6.261	63	24056	4.58	ug/l 98
25) 2-Butanone	7.214	43	11696	20.24	ug/l # 83
26) 2,2-Dichloropropane	7.214	77	22397	4.55	ug/l 95
27) cis-1,2-Dichloroethene	7.220	96	15266	4.27	ug/l 97
28) Bromochloromethane	7.544	49	8927	4.76	ug/l 96
29) Tetrahydrofuran	7.579	42	6148	19.58	ug/l 92
30) Chloroform	7.708	83	25902	4.38	ug/l 100
31) Cyclohexane	7.985	56	20925	5.07	ug/l # 72
32) 1,1,1-Trichloroethane	7.908	97	22985	4.28	ug/l 97
36) 1,1-Dichloropropene	8.108	75	18006	3.73	ug/l 98
37) Ethyl Acetate	7.291	43	6817	4.39	ug/l # 75
38) Carbon Tetrachloride	8.103	117	19627	3.63	ug/l # 94
39) Methylcyclohexane	9.350	83	18429	3.62	ug/l 93
40) Benzene	8.350	78	55424	4.00	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	2443	2.96	ug/l #	74
42) 1,2-Dichloroethane	8.432	62	15288	4.05	ug/l	99
43) Isopropyl Acetate	8.450	43	10387	3.68	ug/l	91
44) Trichloroethene	9.114	130	15745	4.07	ug/l	87
45) 1,2-Dichloropropane	9.391	63	13918	4.26	ug/l #	80
46) Dibromomethane	9.473	93	7608	3.90	ug/l	95
47) Bromodichloromethane	9.661	83	18932	3.81	ug/l #	87
48) Methyl methacrylate	9.455	41	5079	3.90	ug/l	91
49) 1,4-Dioxane	9.461	88	1260	68.60	ug/l #	66
51) 4-Methyl-2-Pentanone	10.226	43	26608	18.34	ug/l	92
52) Toluene	10.402	92	33453	3.74	ug/l	91
53) t-1,3-Dichloropropene	10.620	75	15566	3.56	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	18576	3.56	ug/l #	92
55) 1,1,2-Trichloroethane	10.797	97	9866	3.75	ug/l #	89
56) Ethyl methacrylate	10.661	69	8526	3.24	ug/l	93
57) 1,3-Dichloropropane	10.949	76	17648	4.15	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.944	63	21755	16.69	ug/l	98
59) 2-Hexanone	10.985	43	16325	16.87	ug/l	90
60) Dibromochloromethane	11.138	129	12952	3.83	ug/l	98
61) 1,2-Dibromoethane	11.244	107	10649	4.09	ug/l	96
64) Tetrachloroethene	10.873	164	13636	4.22	ug/l	87
65) Chlorobenzene	11.667	112	38867	4.03	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.744	131	13983	3.85	ug/l	96
67) Ethyl Benzene	11.744	91	58372	3.52	ug/l	98
68) m/p-Xylenes	11.849	106	44900	6.91	ug/l	100
69) o-Xylene	12.179	106	20720	3.58	ug/l	89
70) Styrene	12.191	104	33494	3.32	ug/l	97
71) Bromoform	12.355	173	6966	3.68	ug/l #	97
73) Isopropylbenzene	12.479	105	52772	3.56	ug/l	98
74) N-amyl acetate	12.285	43	8392	3.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	11669	4.35	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	13358	8.39	ug/l #	100
77) Bromobenzene	12.755	156	15279	4.35	ug/l	97
78) n-propylbenzene	12.814	91	67106	3.75	ug/l	99
79) 2-Chlorotoluene	12.902	91	39133	3.94	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	43910	3.60	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	91868	116.49	ug/l #	14
82) 4-Chlorotoluene	13.002	91	40862	3.86	ug/l	98
83) tert-Butylbenzene	13.214	119	37018	3.64	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	40989	3.34	ug/l	98
85) sec-Butylbenzene	13.396	105	53321	3.48	ug/l	97
86) p-Isopropyltoluene	13.508	119	44786	3.33	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	28432	4.00	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	29474	4.18	ug/l	92
89) n-Butylbenzene	13.838	91	45177	3.61	ug/l	97
90) Hexachloroethane	14.108	117	9962	3.95	ug/l	100
91) 1,2-Dichlorobenzene	13.885	146	23939	3.92	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.508	75	1737	4.17	ug/l	92
93) 1,2,4-Trichlorobenzene	15.155	180	14309	3.82	ug/l	93
94) Hexachlorobutadiene	15.261	225	8572	3.82	ug/l	99
95) Naphthalene	15.396	128	22075	3.52	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	11796	3.68	ug/l	92

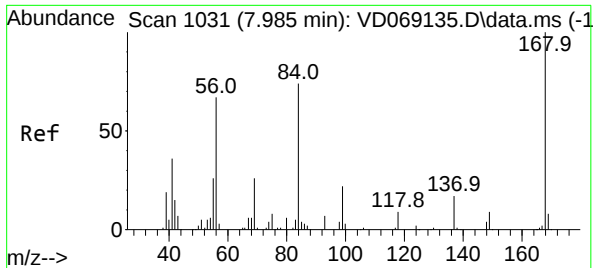
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
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Quant Title : SW846 8260
QLast Update : Thu May 13 04:37:04 2021
Response via : Initial Calibration

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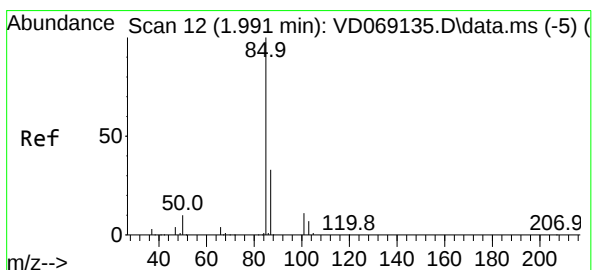
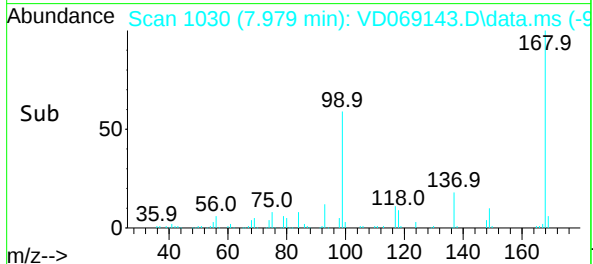
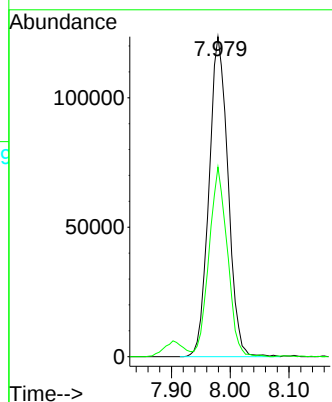
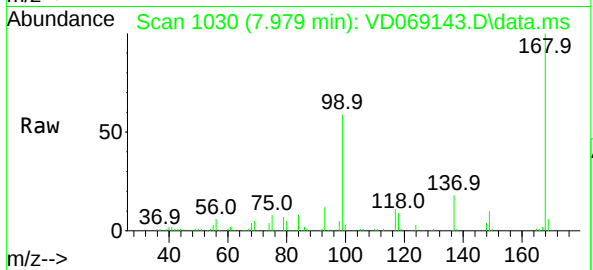
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

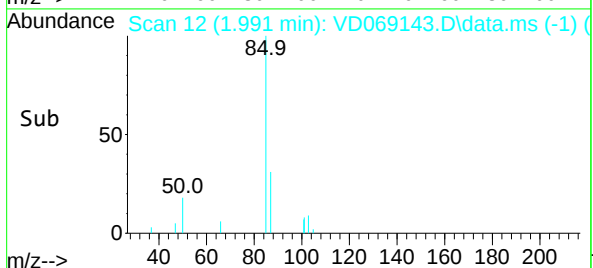
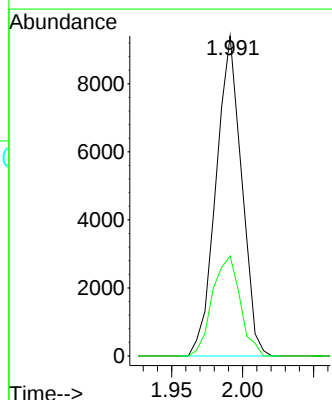
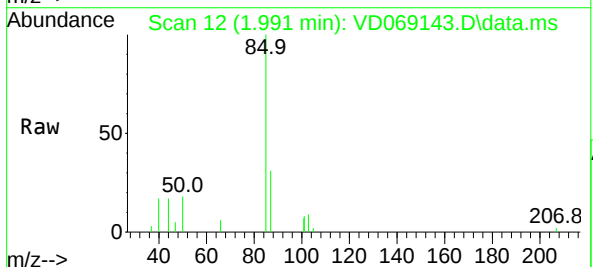
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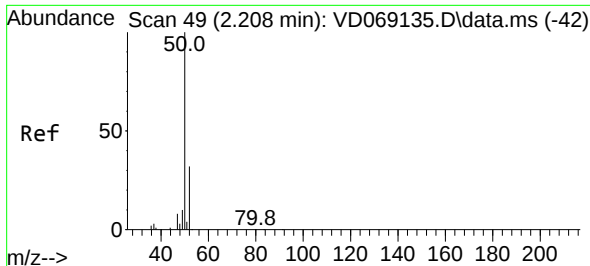
Tgt Ion:168 Resp: 277682
Ion Ratio Lower Upper
168 100
99 59.1 47.2 70.8



#2
Dichlorodifluoromethane
Concen: 3.98 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 85 Resp: 11756
Ion Ratio Lower Upper
85 100
87 31.3 16.5 49.5

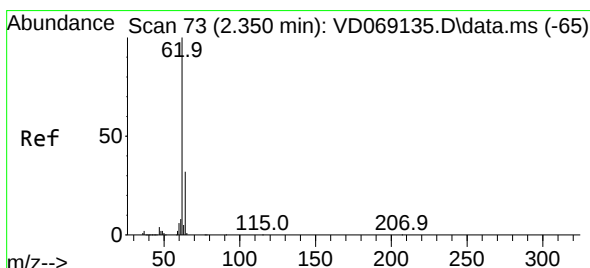
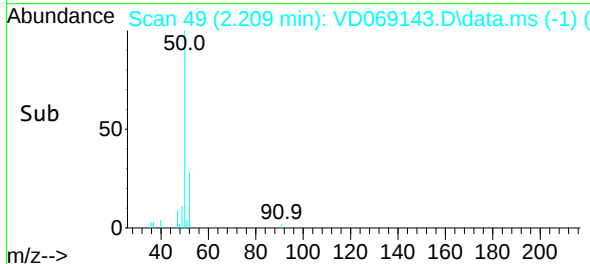
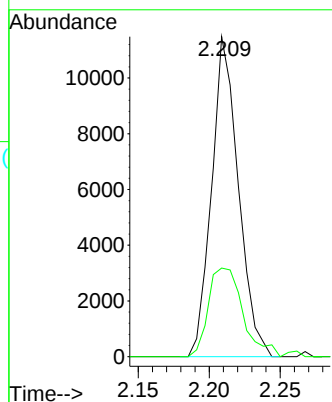
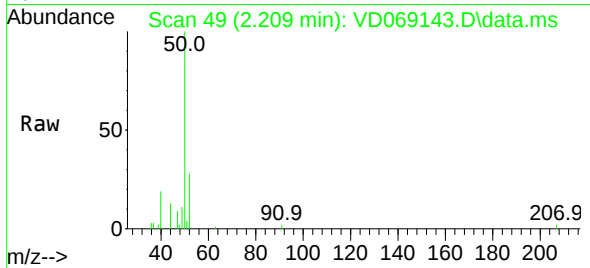




#3
Chloromethane
Concen: 4.43 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

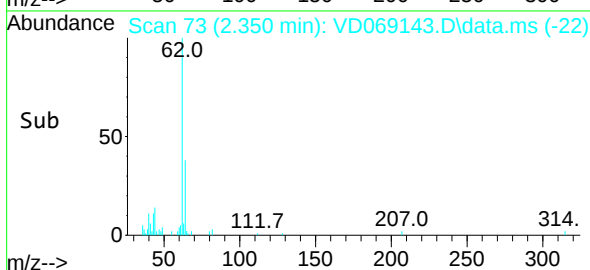
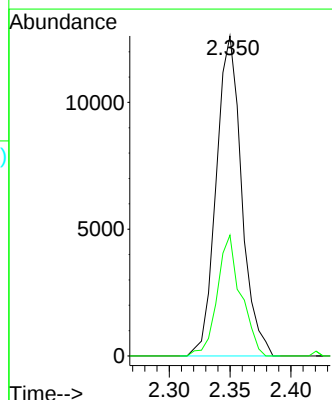
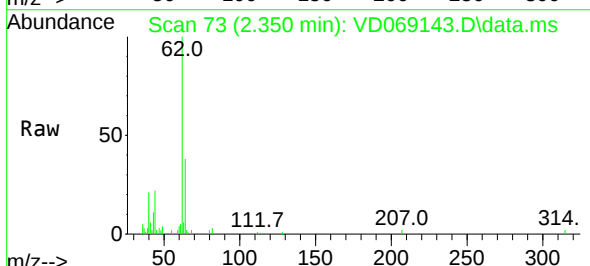
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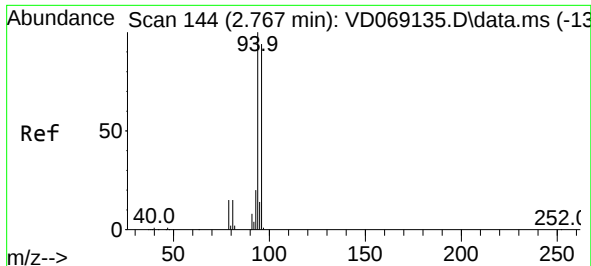
Tgt Ion: 50 Resp: 15033
Ion Ratio Lower Upper
50 100
52 27.7 25.8 38.8



#4
Vinyl Chloride
Concen: 4.10 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 62 Resp: 18342
Ion Ratio Lower Upper
62 100
64 37.7 25.3 37.9

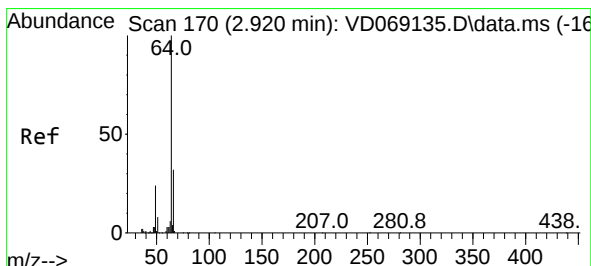
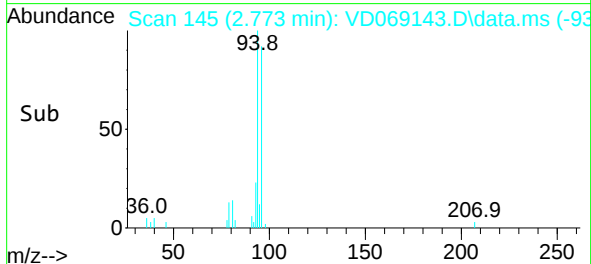
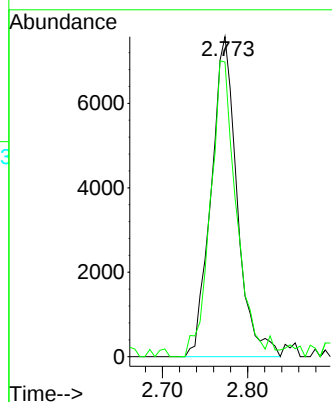
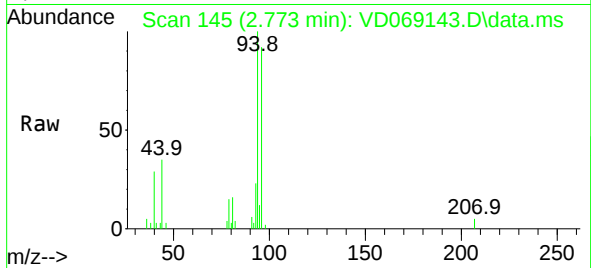




#5
Bromomethane
Concen: 4.77 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

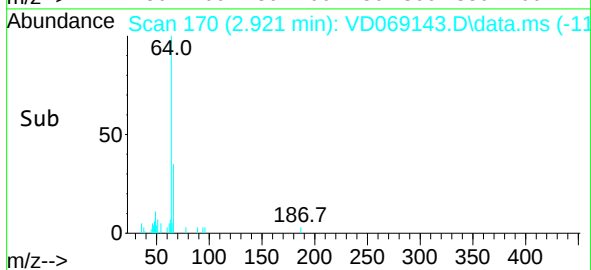
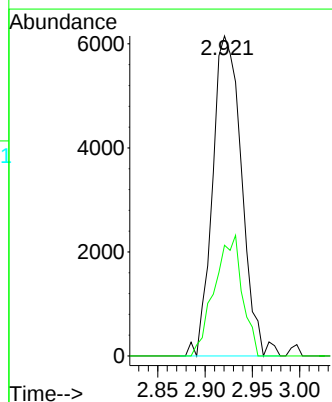
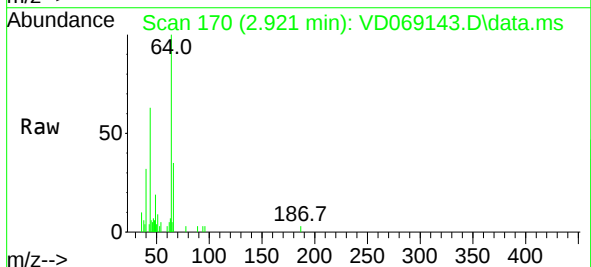
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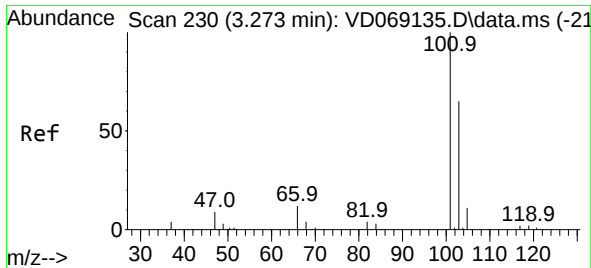
Tgt Ion: 94 Resp: 16035
Ion Ratio Lower Upper
94 100
96 92.1 75.4 113.0



#6
Chloroethane
Concen: 4.56 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 64 Resp: 13121
Ion Ratio Lower Upper
64 100
66 34.6 25.2 37.8

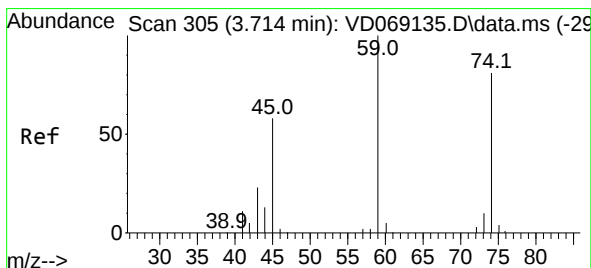
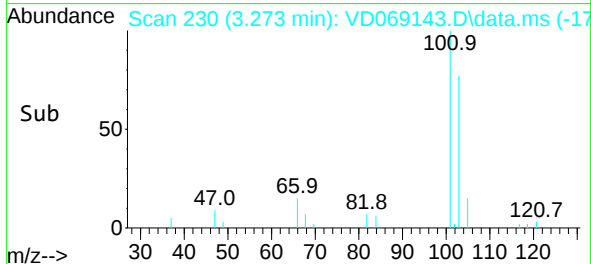
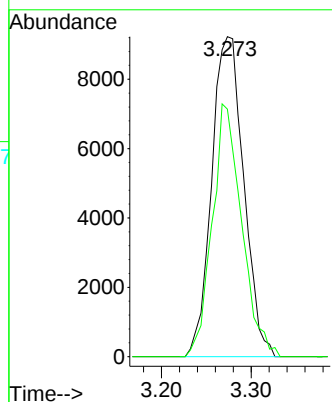
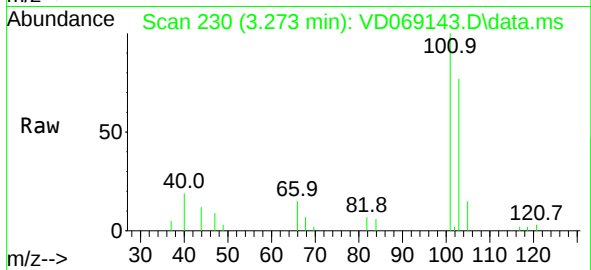




#7
Trichlorofluoromethane
Concen: 4.19 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

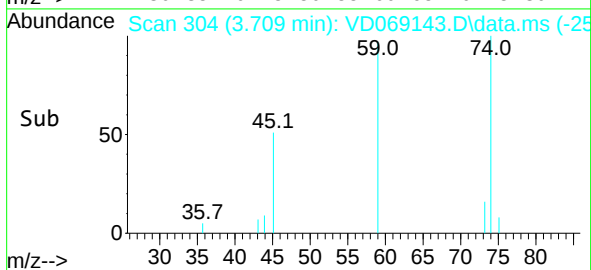
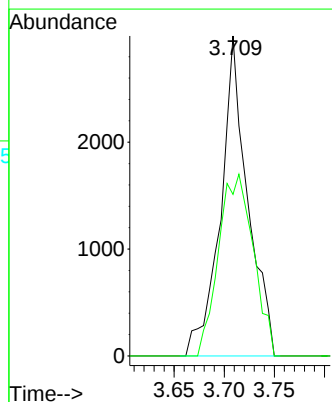
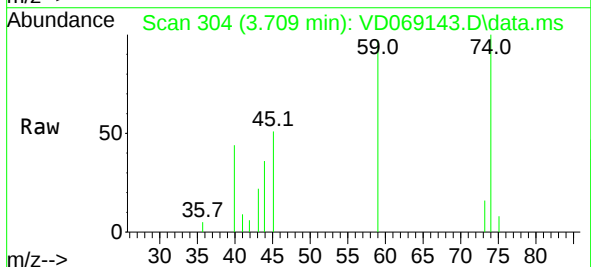
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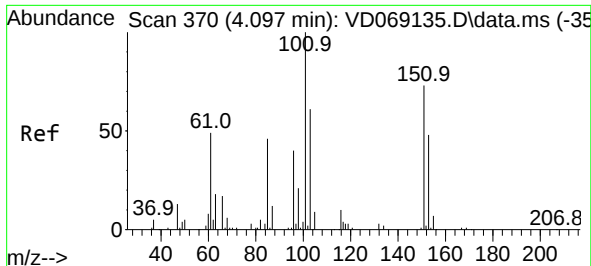
Tgt Ion:101 Resp: 22874
Ion Ratio Lower Upper
101 100
103 77.3 51.9 77.9



#8
Diethyl Ether
Concen: 4.51 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 74 Resp: 5615
Ion Ratio Lower Upper
74 100
45 72.9 38.1 114.5

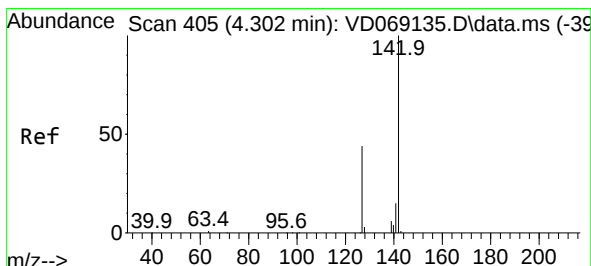
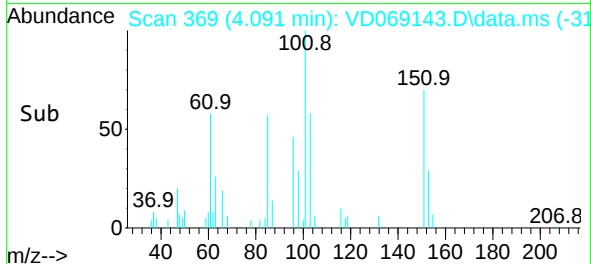
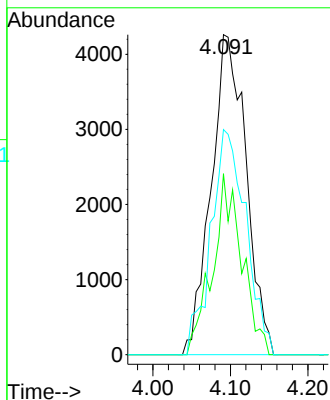
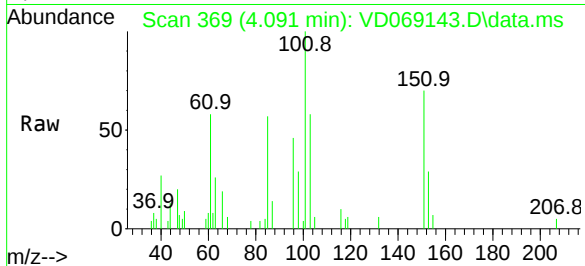




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.32 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD069143.D
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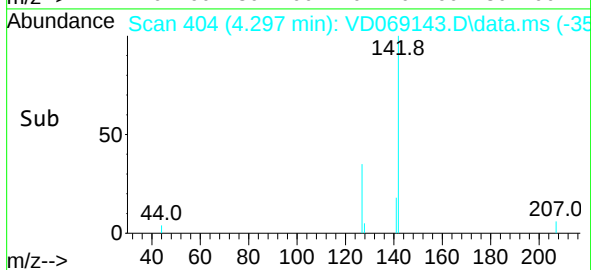
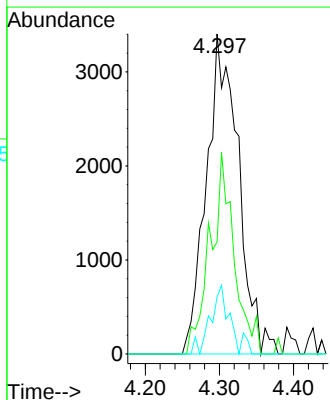
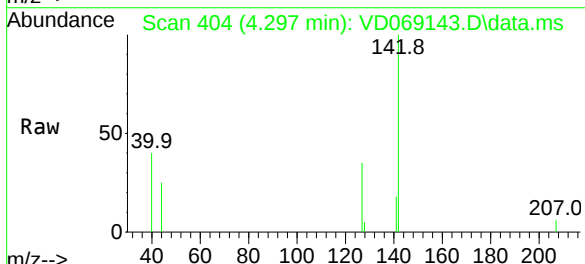
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

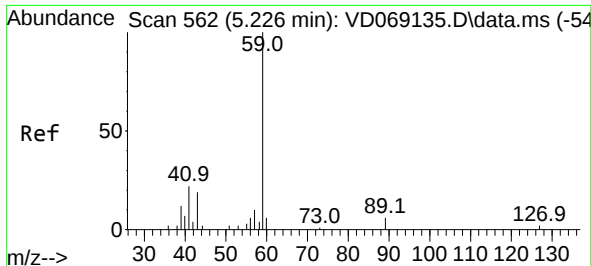
Tgt Ion:	101	Resp:	13355
Ion	Ratio	Lower	Upper
101	100		
85	47.4	35.2	52.8
151	70.4	60.6	91.0



#10
Methyl Iodide
Concen: 3.46 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

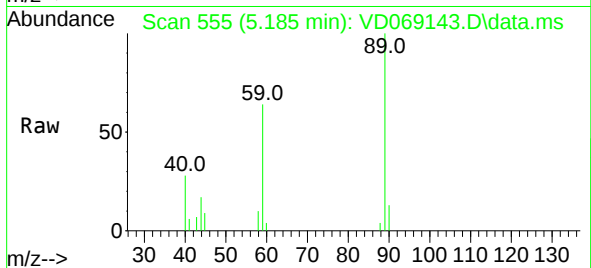
Tgt Ion:	142	Resp:	10190
Ion	Ratio	Lower	Upper
142	100		
127	47.2	37.3	55.9
141	12.1	12.2	18.4#



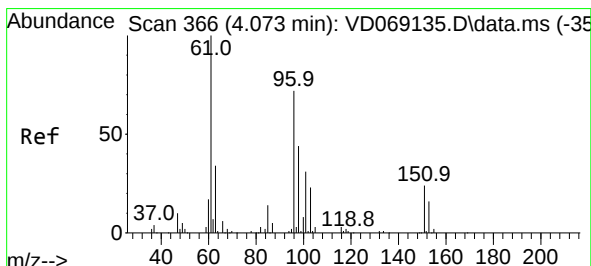
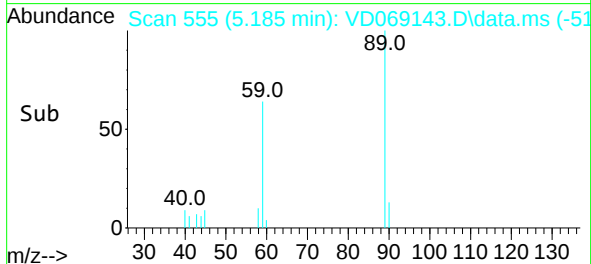
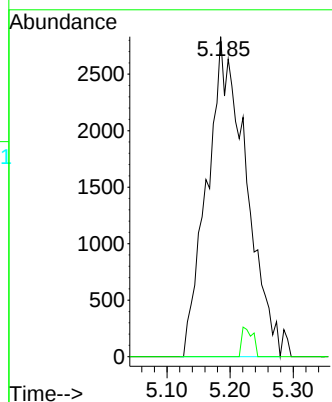


#11
Tert butyl alcohol
Concen: 63.42 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

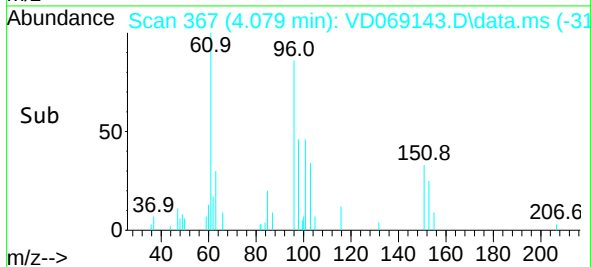
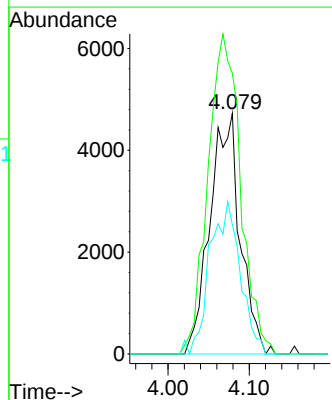
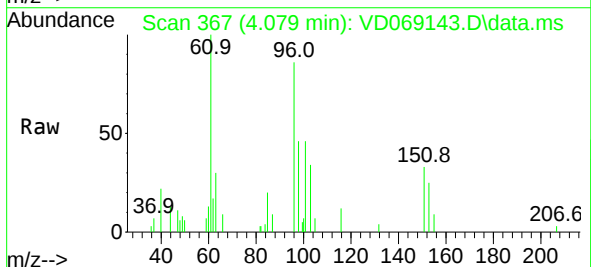


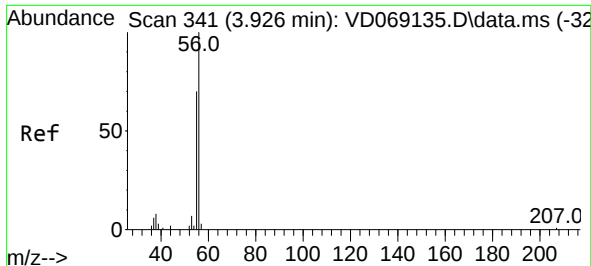
Tgt Ion: 59 Resp: 12066
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.40 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 96 Resp: 12229
Ion Ratio Lower Upper
96 100
61 116.6 111.1 166.7
98 53.7 48.4 72.6

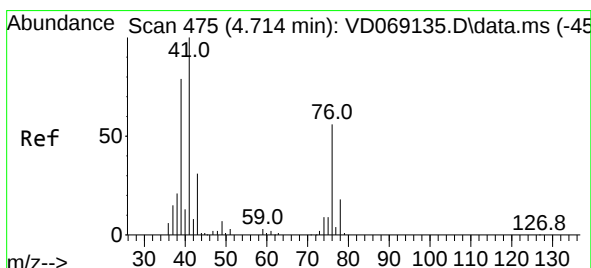
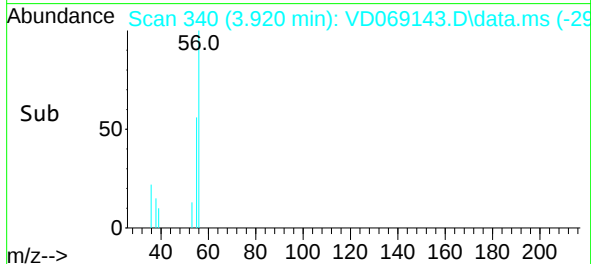
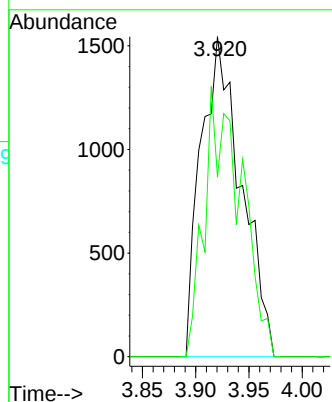
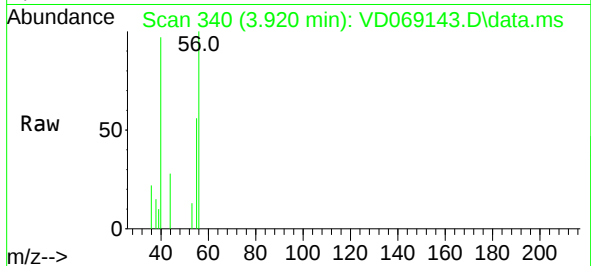




#13
Acrolein
Concen: 17.97 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.005 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

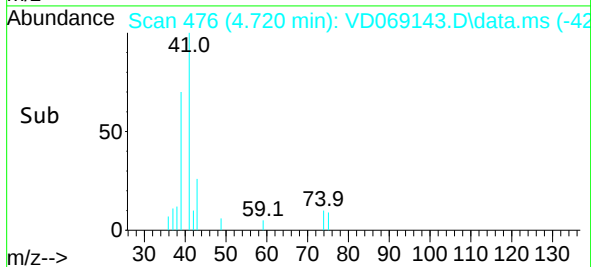
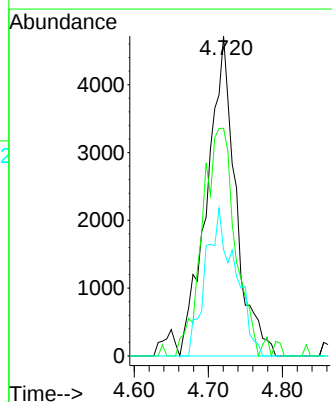
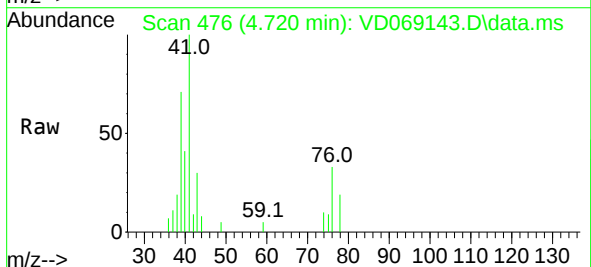
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

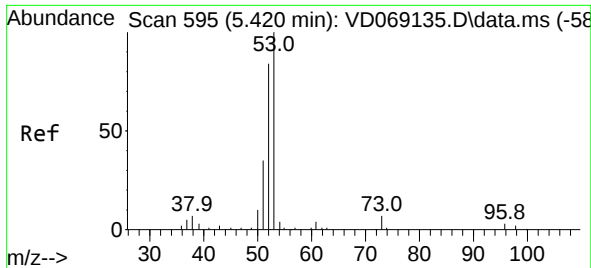
Tgt Ion: 56 Resp: 4071
Ion Ratio Lower Upper
56 100
55 77.0 56.9 85.3



#14
Allyl chloride
Concen: 4.18 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 41 Resp: 12741
Ion Ratio Lower Upper
41 100
39 81.0 64.3 96.5
76 47.7 43.6 65.4

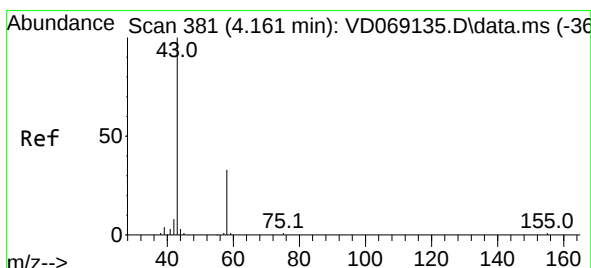
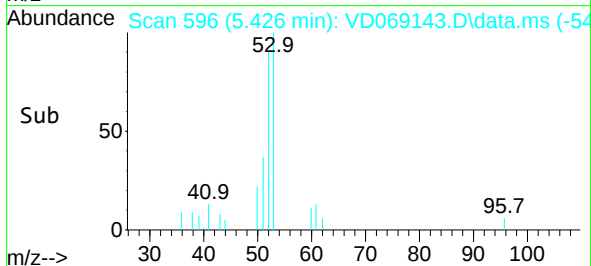
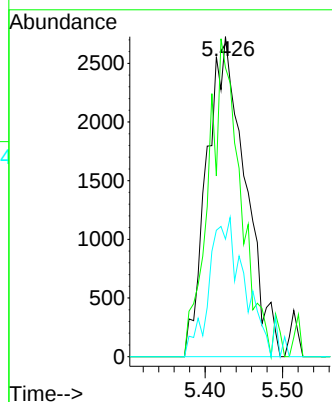
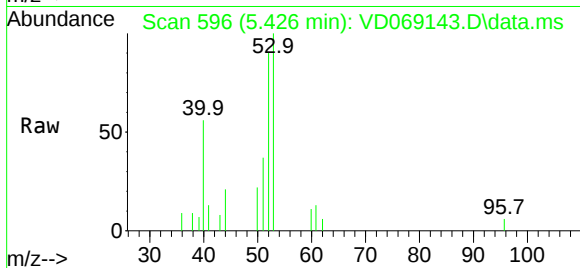




#15
Acrylonitrile
Concen: 20.23 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

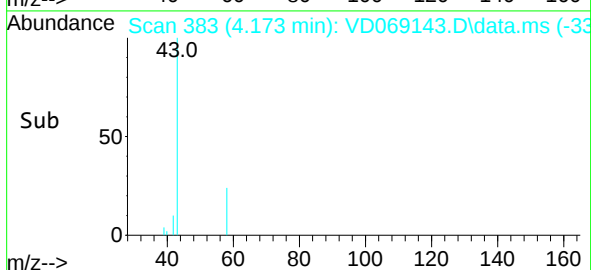
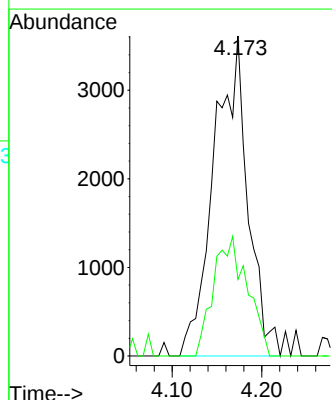
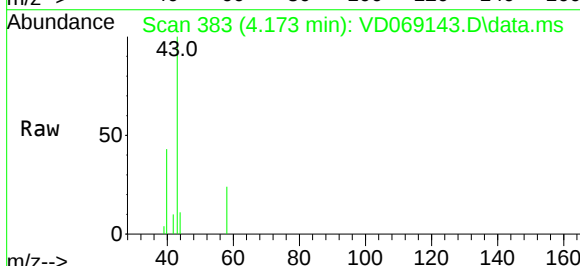
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

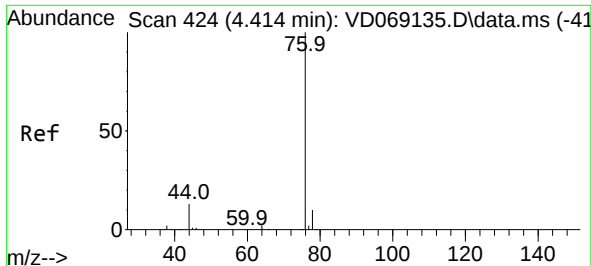
Tgt Ion: 53	Resp: 9406
Ion Ratio	Lower Upper
53 100	
52 82.1	64.5 96.7
51 39.5	30.4 45.6



#16
Acetone
Concen: 22.18 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 43	Resp: 9458
Ion Ratio	Lower Upper
43 100	
58 24.0	26.7 40.1#

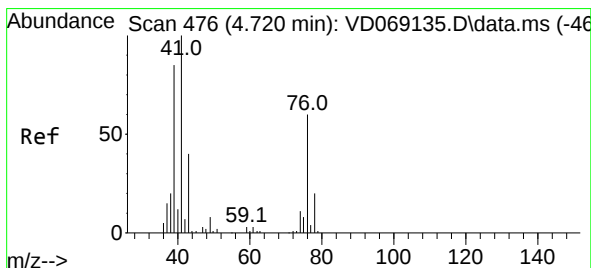
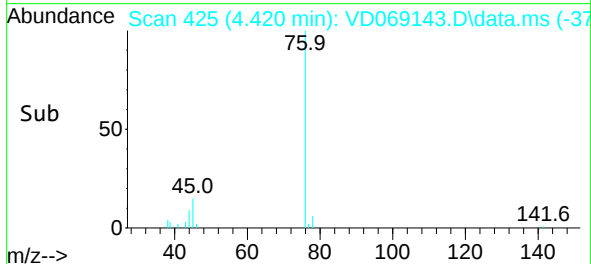
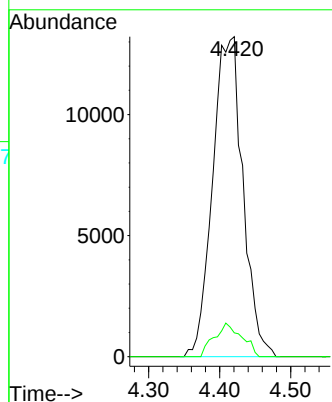
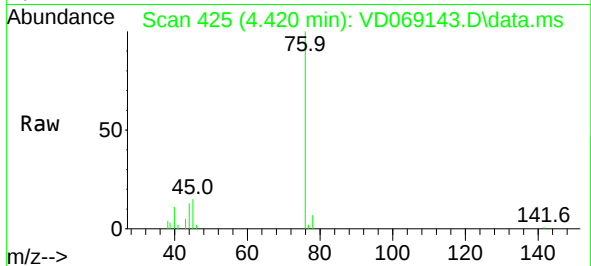




#17
Carbon Disulfide
Concen: 4.24 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

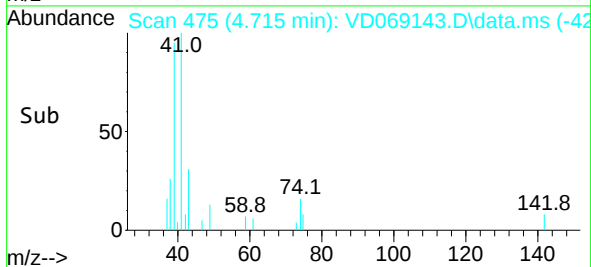
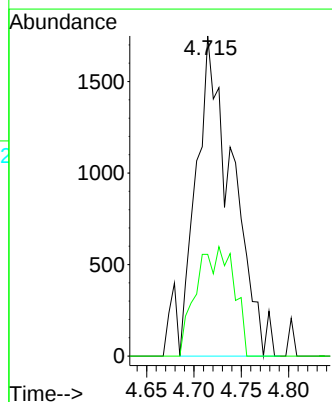
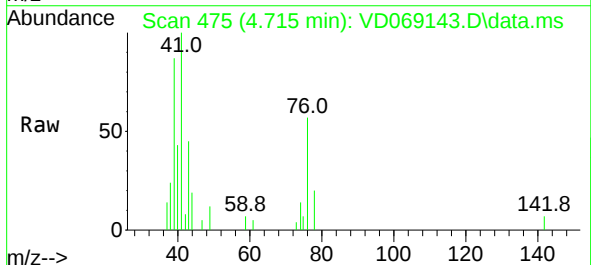
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

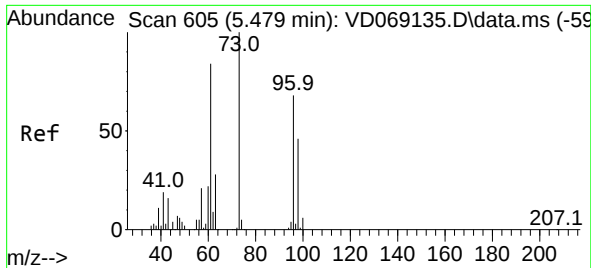
Tgt Ion: 76 Resp: 39047
Ion Ratio Lower Upper
76 100
78 7.4 8.1 12.1#



#18
Methyl Acetate
Concen: 4.47 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 43 Resp: 4629
Ion Ratio Lower Upper
43 100
74 18.4 23.8 35.6#

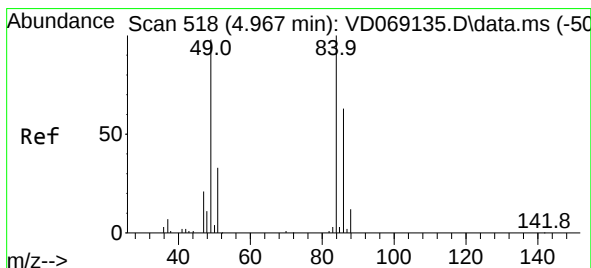
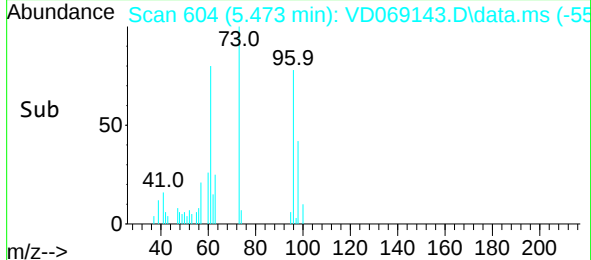
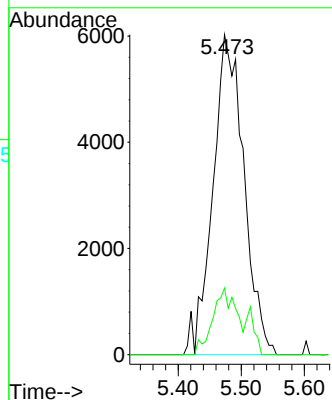
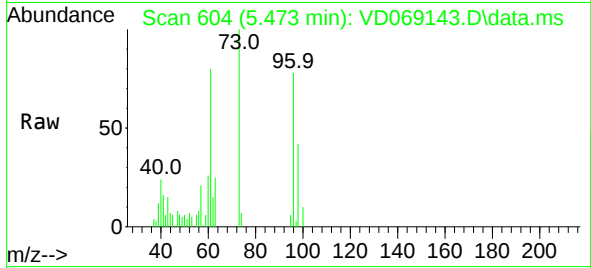




#19
Methyl tert-butyl Ether
Concen: 4.08 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

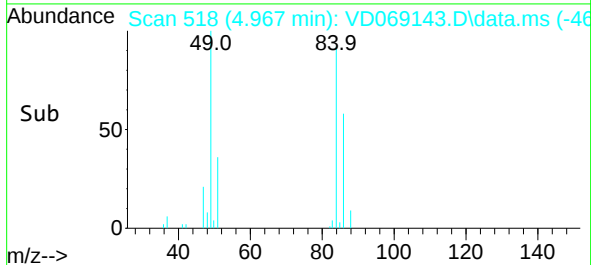
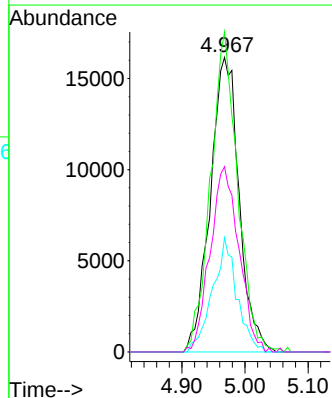
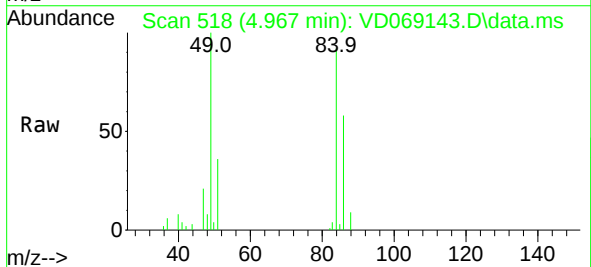
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

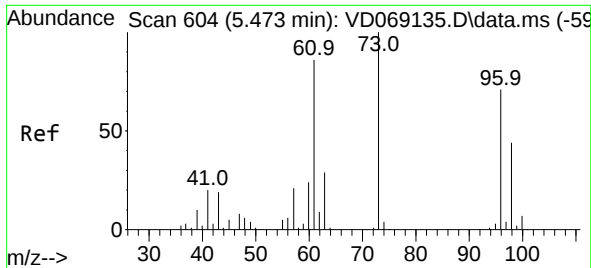
Tgt Ion: 73 Resp: 20550
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7



#20
Methylene Chloride
Concen: 11.34 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 84 Resp: 51179
Ion Ratio Lower Upper
84 100
49 108.6 78.6 117.8
51 38.8 26.7 40.1
86 62.9 50.3 75.5

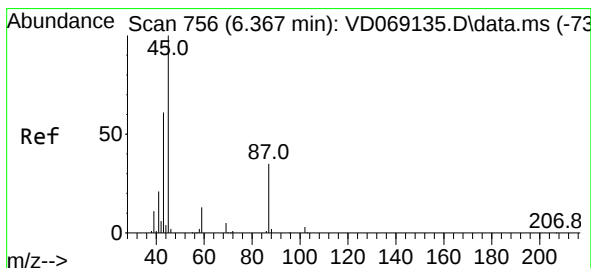
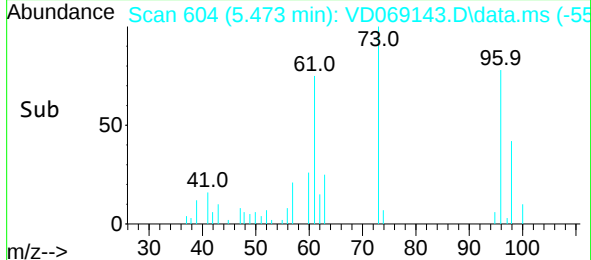
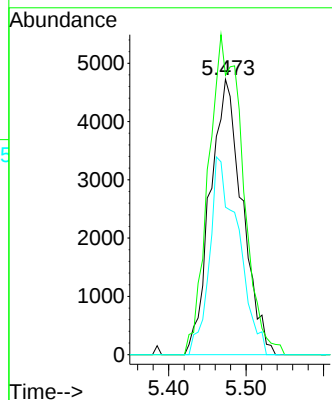
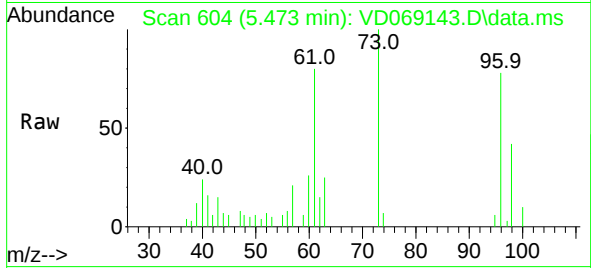




#21
trans-1,2-Dichloroethene
Concen: 4.12 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

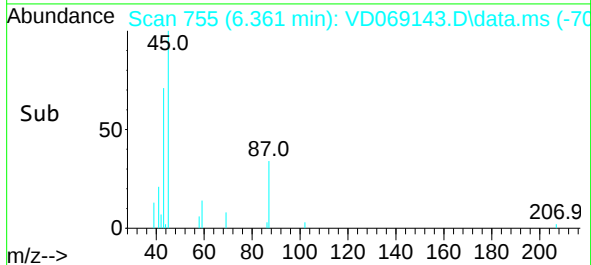
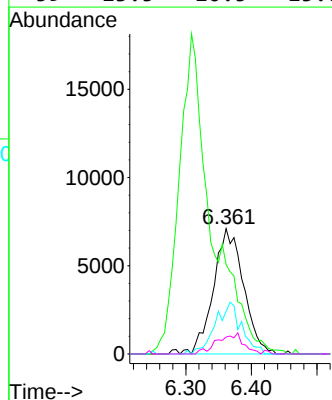
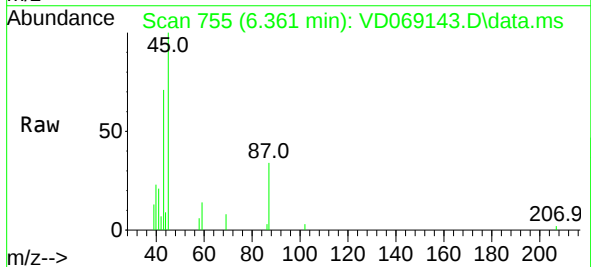
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

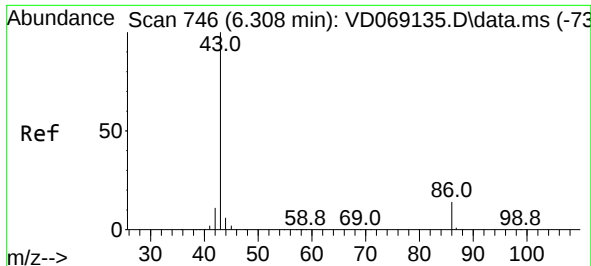
Tgt Ion:	96	Resp:	13565
Ion	Ratio	Lower	Upper
96	100		
61	101.5	97.7	146.5
98	53.6	49.4	74.2



#22
Diisopropyl ether
Concen: 3.71 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:	45	Resp:	22575
Ion	Ratio	Lower	Upper
45	100		
43	68.4	48.6	73.0
87	33.9	28.5	42.7
59	13.5	10.5	15.7

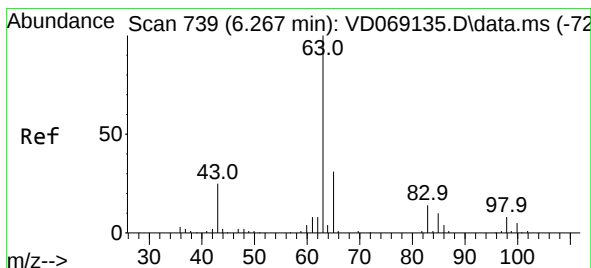
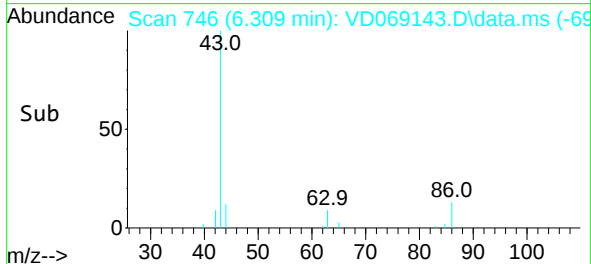
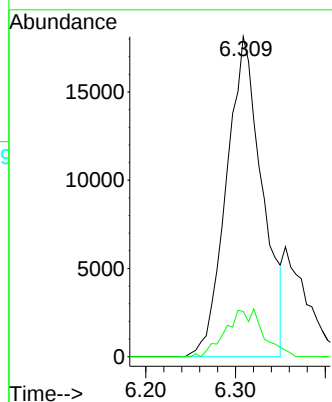
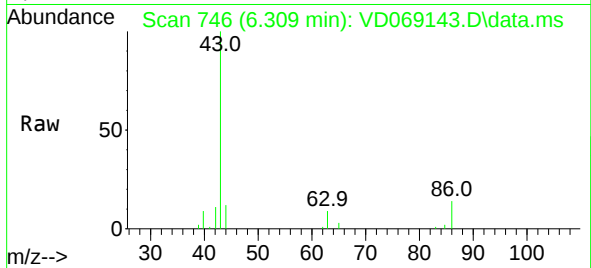




#23
 Vinyl Acetate
 Concen: 13.99 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069143.D
 Acq: 12 May 2021 18:27

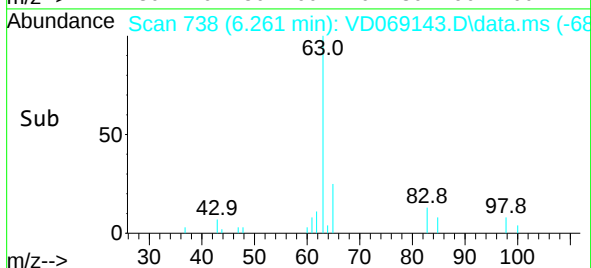
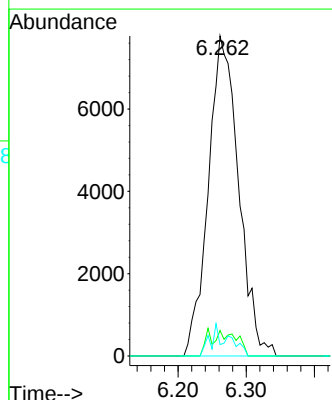
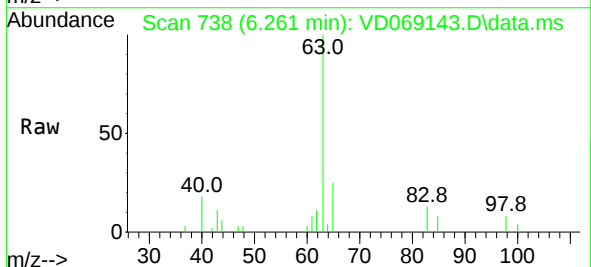
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

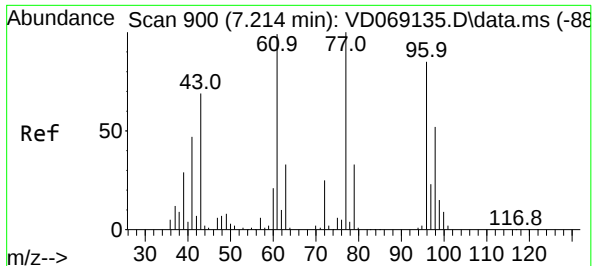
Tgt Ion: 43 Resp: 50244
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 4.58 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069143.D
 Acq: 12 May 2021 18:27

Tgt Ion: 63 Resp: 24056
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 3.5 2.5 7.6





#25

2-Butanone

Concen: 20.24 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion: 43 Resp: 11696

Ion Ratio Lower Upper

43 100

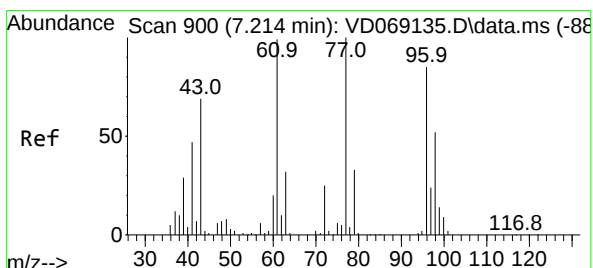
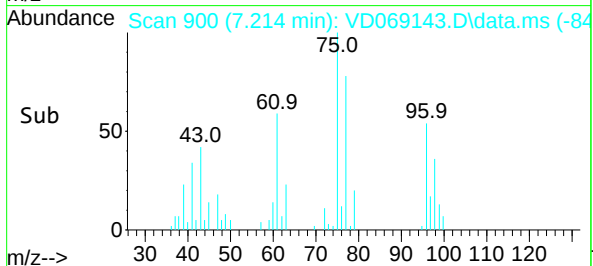
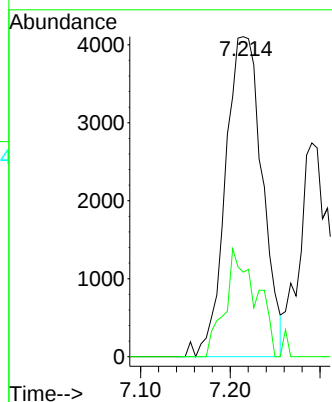
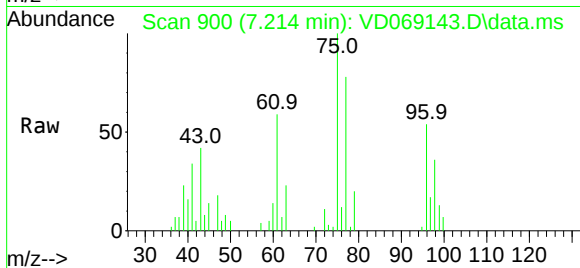
72 26.4 29.1 43.7#

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#26

2,2-Dichloropropane

Concen: 4.55 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069143.D

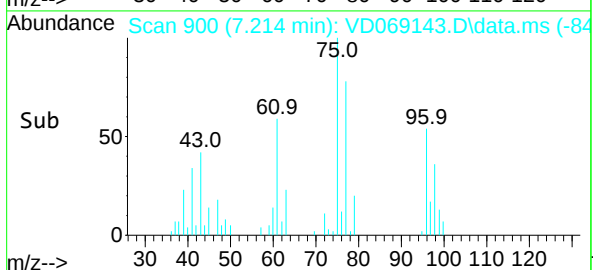
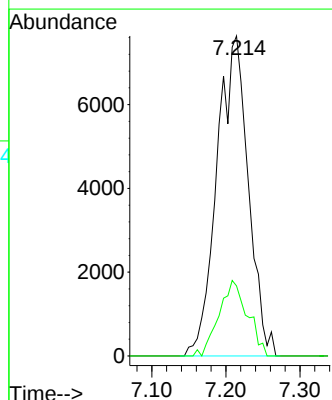
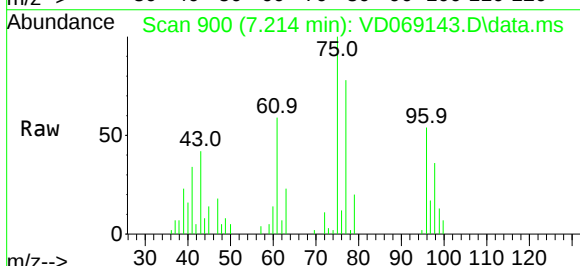
Acq: 12 May 2021 18:27

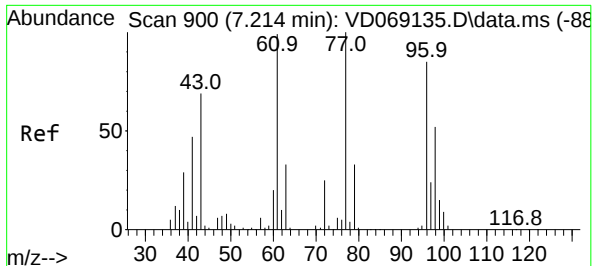
Tgt Ion: 77 Resp: 22397

Ion Ratio Lower Upper

77 100

97 21.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.27 ug/l

RT: 7.220 min Scan# 901

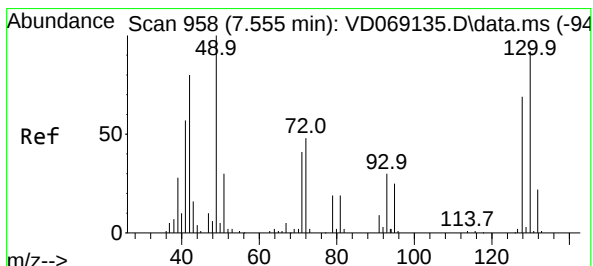
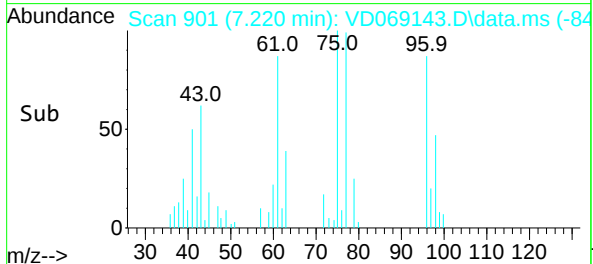
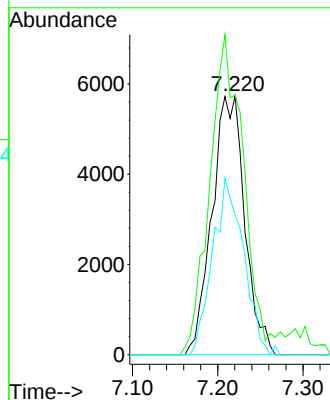
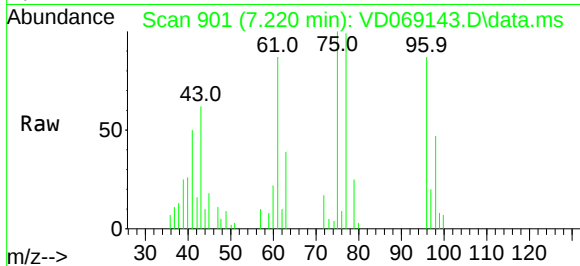
Delta R.T. 0.006 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:	96	Resp:	15266
Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	263.8
98	64.7	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



#28

Bromochloromethane

Concen: 4.76 ug/l

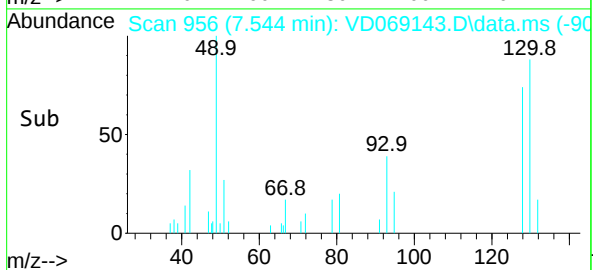
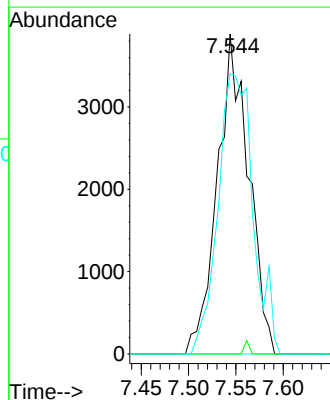
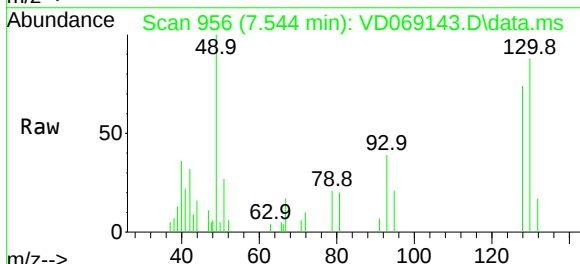
RT: 7.544 min Scan# 956

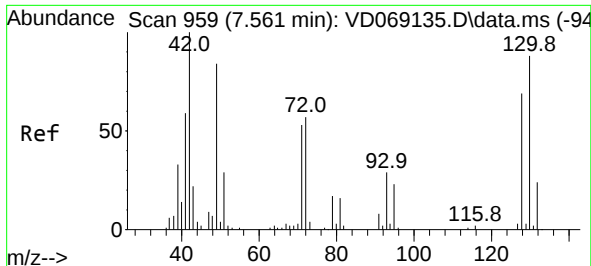
Delta R.T. -0.011 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:	49	Resp:	8927
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	6.4
130	98.3	75.8	113.6





#29

Tetrahydrofuran

Concen: 19.58 ug/l

RT: 7.579 min Scan# 962

Delta R.T. 0.018 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

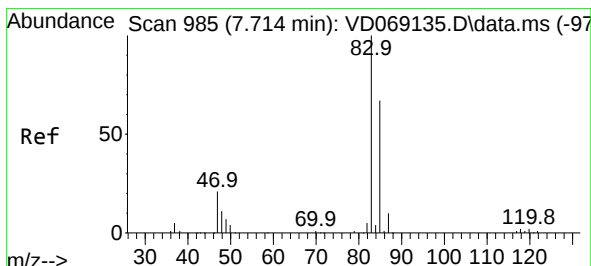
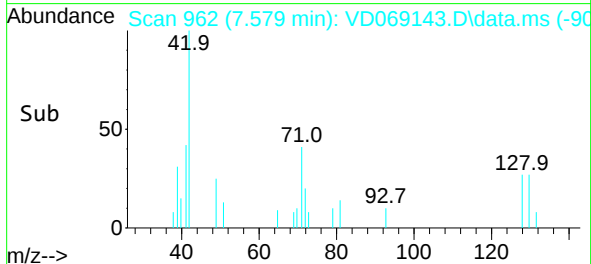
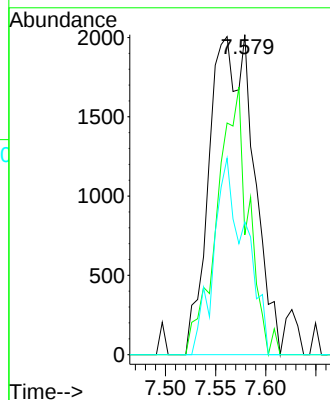
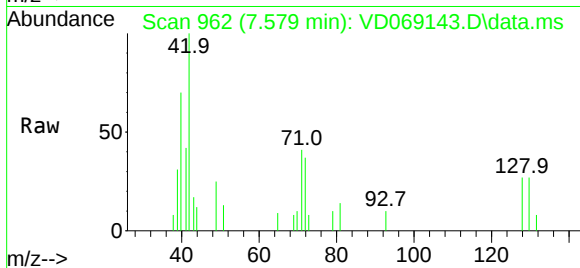
Tgt Ion: 42 Resp: 6148

Ion Ratio Lower Upper

42 100

72 59.8 45.9 68.9

71 44.6 42.9 64.3



#30

Chloroform

Concen: 4.38 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.005 min

Lab File: VD069143.D

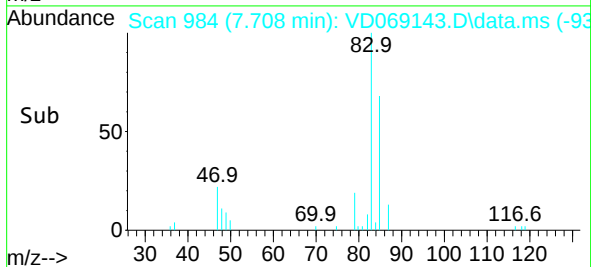
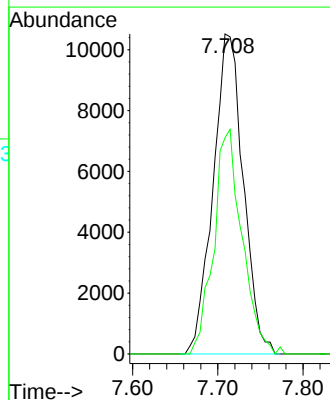
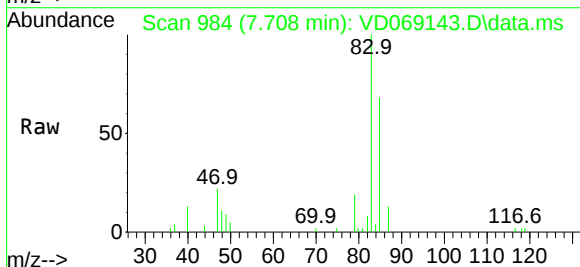
Acq: 12 May 2021 18:27

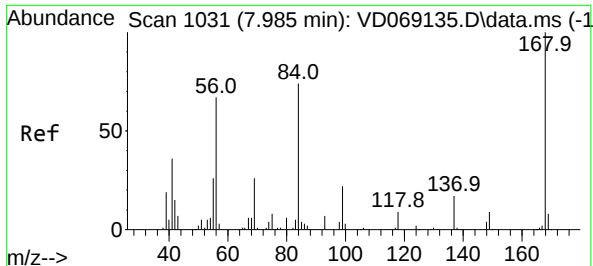
Tgt Ion: 83 Resp: 25902

Ion Ratio Lower Upper

83 100

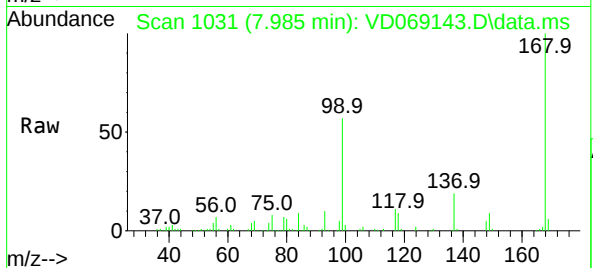
85 67.6 54.0 81.0



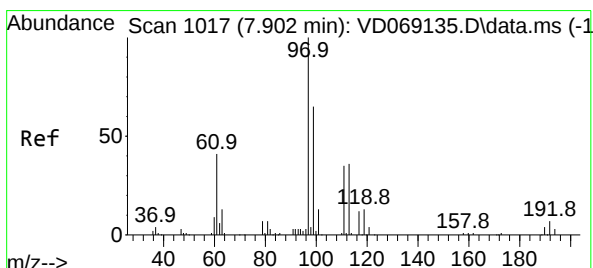
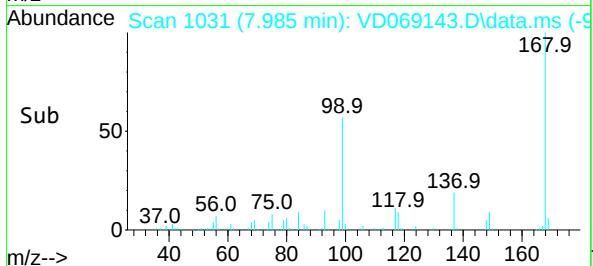
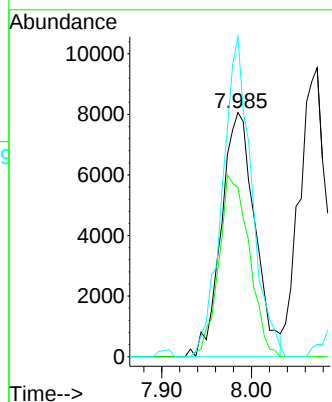


#31
Cyclohexane
Concen: 5.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

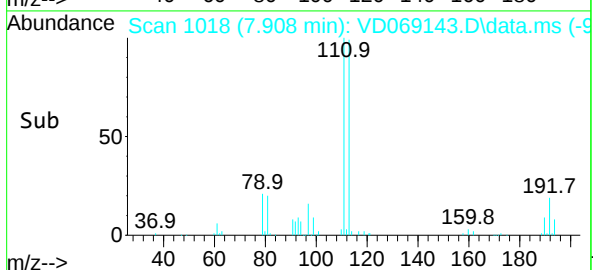
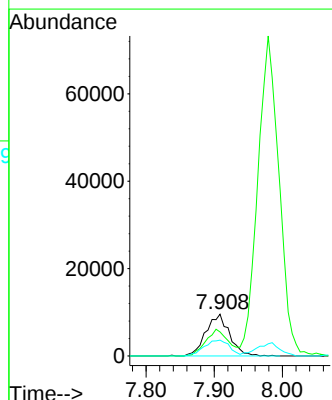
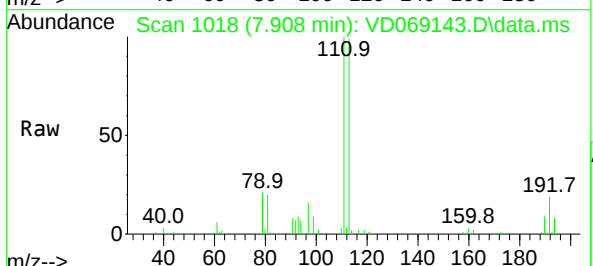


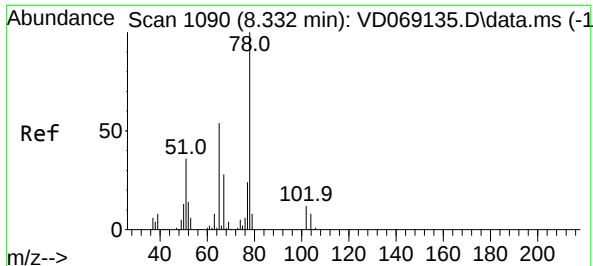
Tgt Ion: 56 Resp: 20925
Ion Ratio Lower Upper
56 100
69 69.3 30.6 46.0#
84 131.0 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 4.28 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 97 Resp: 22985
Ion Ratio Lower Upper
97 100
99 60.2 51.5 77.3
61 40.8 32.5 48.7

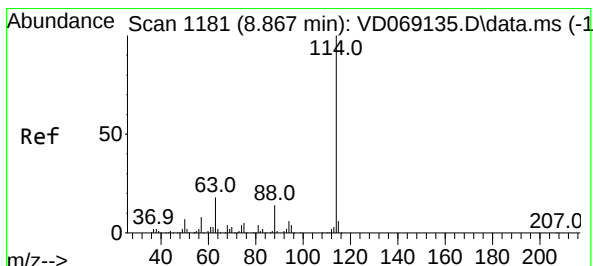
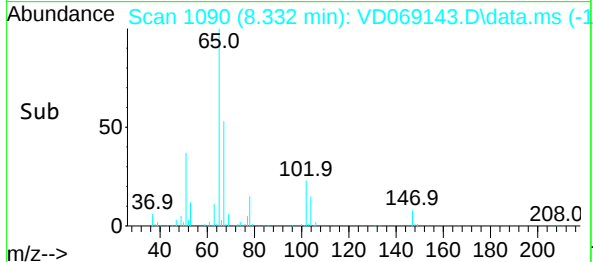
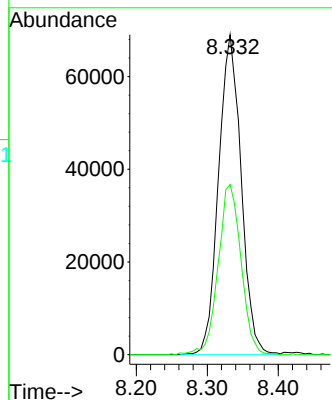
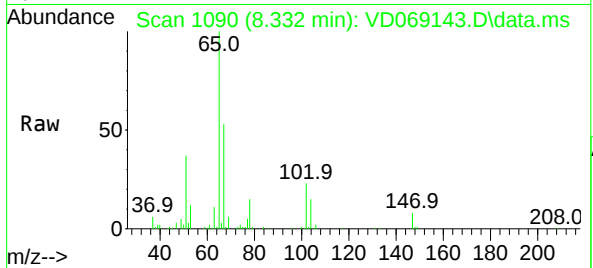




#33
1,2-Dichloroethane-d4
Concen: 54.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

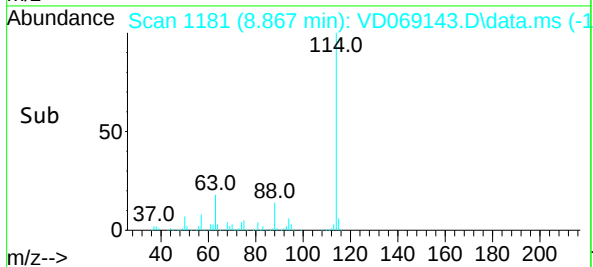
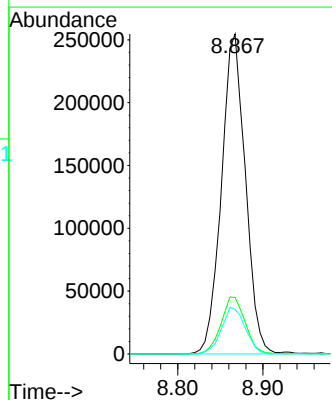
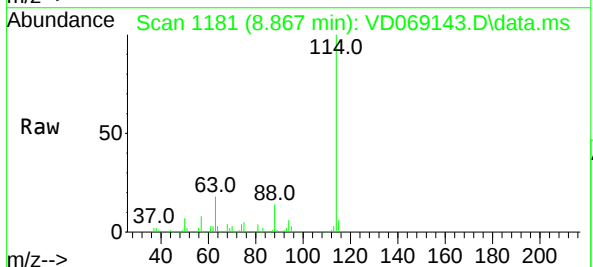
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

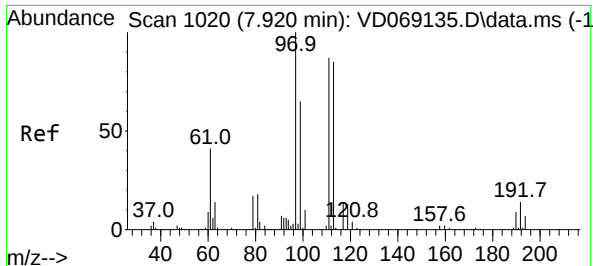
Tgt Ion: 65 Resp: 152088
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 114 Resp: 497020
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.4
88 13.9 0.0 28.2

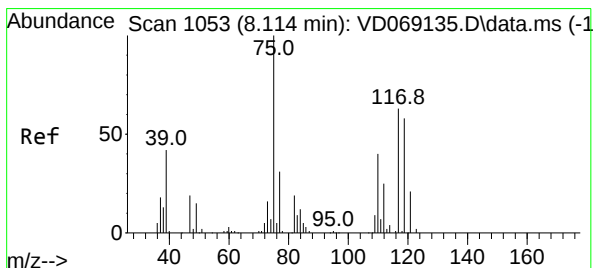
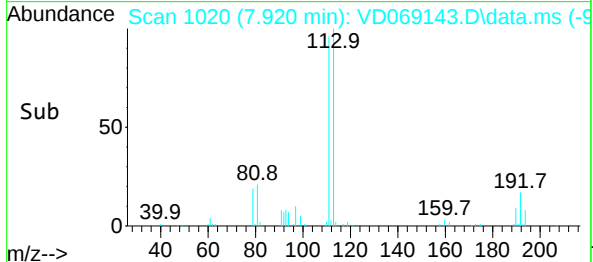
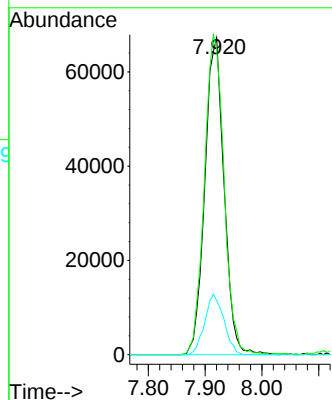
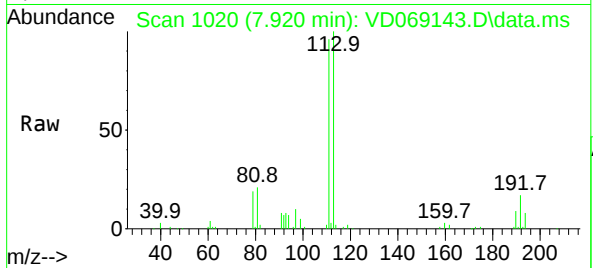




#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

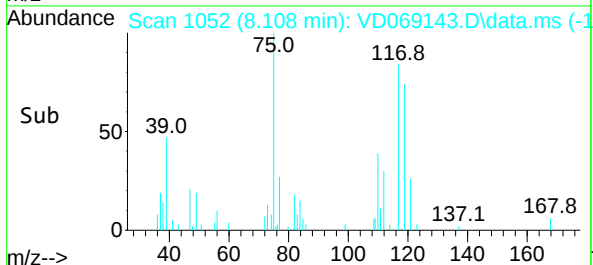
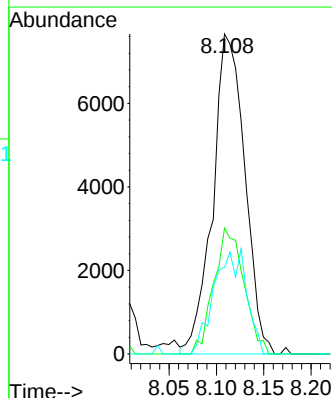
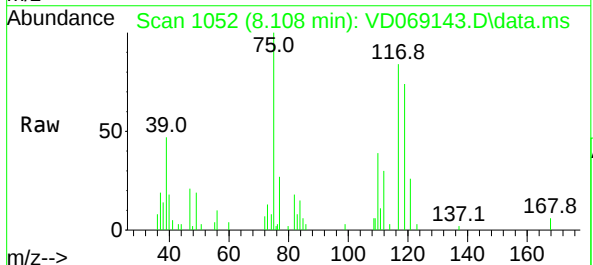
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

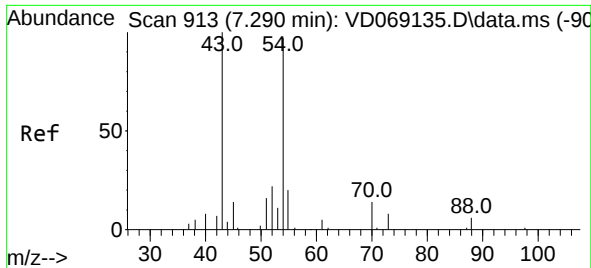
Tgt Ion:113 Resp: 157368
Ion Ratio Lower Upper
113 100
111 103.8 80.6 120.8
192 19.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.73 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 75 Resp: 18006
Ion Ratio Lower Upper
75 100
110 37.0 18.8 56.4
77 33.0 25.2 37.8





#37

Ethyl Acetate

Concen: 4.39 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion: 43 Resp: 6817

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

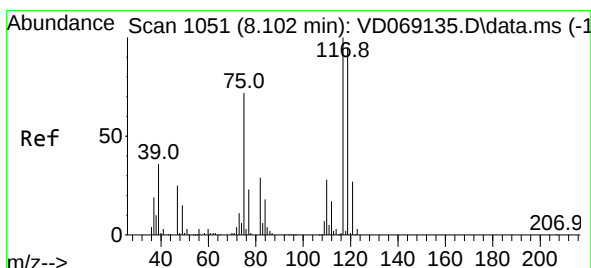
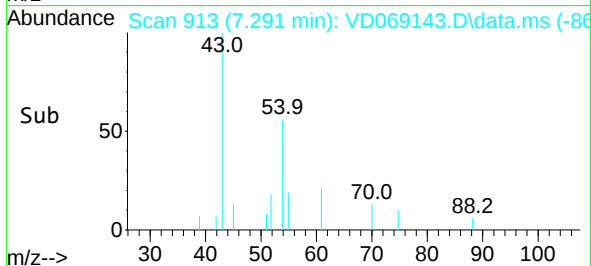
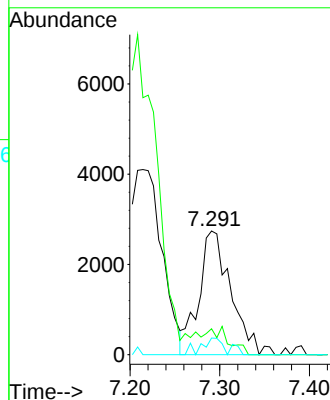
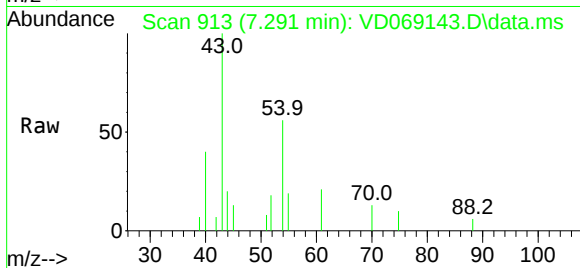
70 7.2 10.4 15.6#

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#38

Carbon Tetrachloride

Concen: 3.63 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

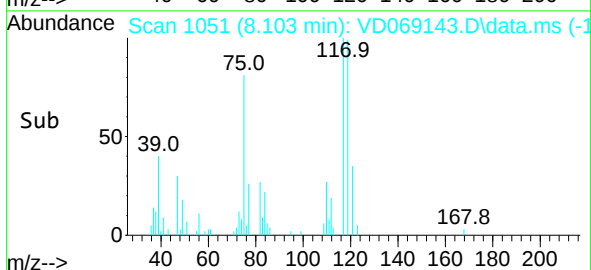
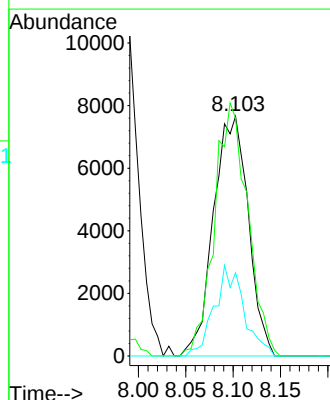
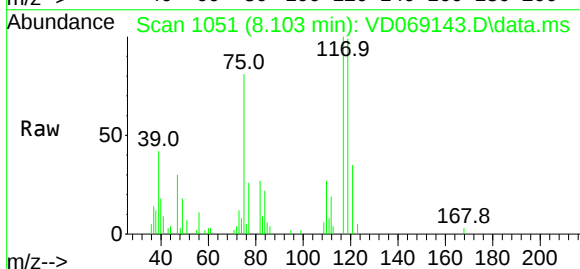
Tgt Ion: 117 Resp: 19627

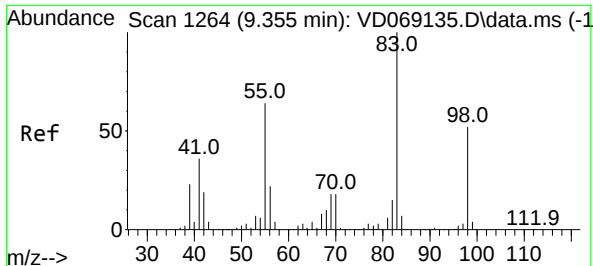
Ion Ratio Lower Upper

117 100

119 99.2 76.2 114.2

121 34.7 21.9 32.9#





#39

Methylcyclohexane

Concen: 3.62 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion: 83 Resp: 18429

Ion Ratio Lower Upper

83 100

55 70.2 51.2 76.8

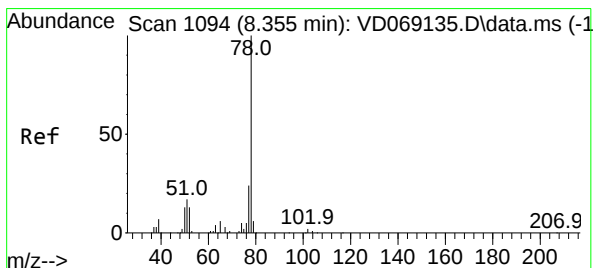
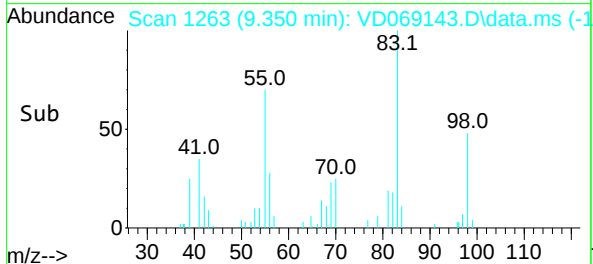
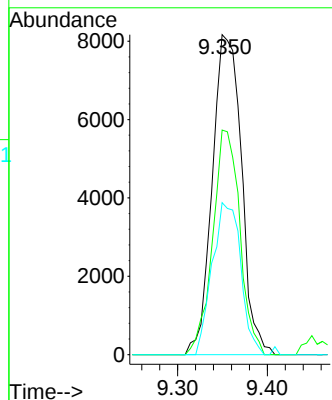
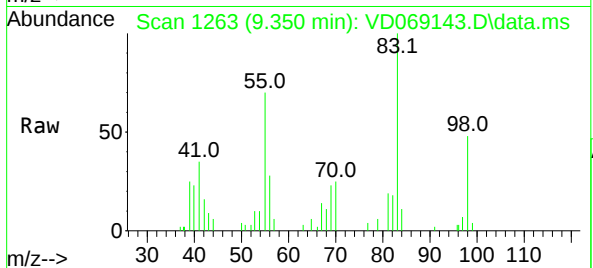
98 47.5 41.4 62.2

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#40

Benzene

Concen: 4.00 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VD069143.D

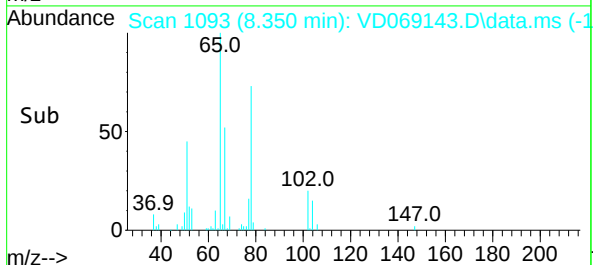
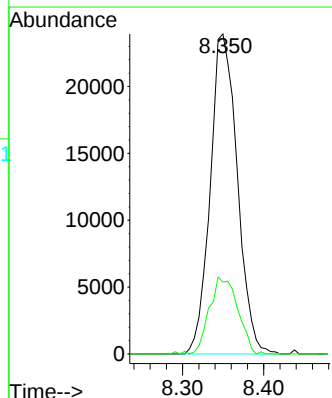
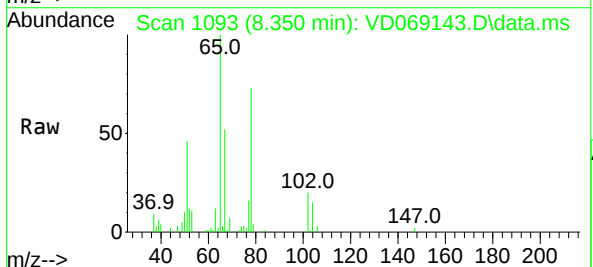
Acq: 12 May 2021 18:27

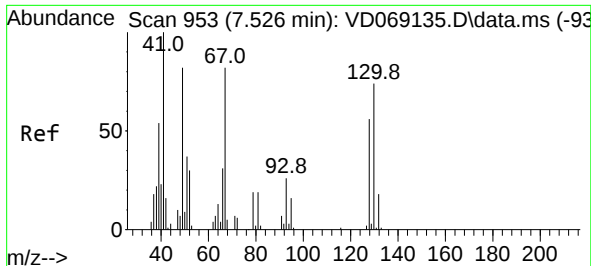
Tgt Ion: 78 Resp: 55424

Ion Ratio Lower Upper

78 100

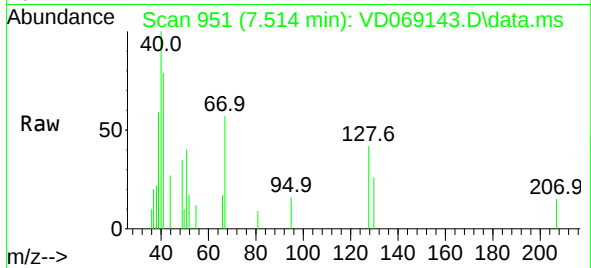
77 22.5 19.1 28.7



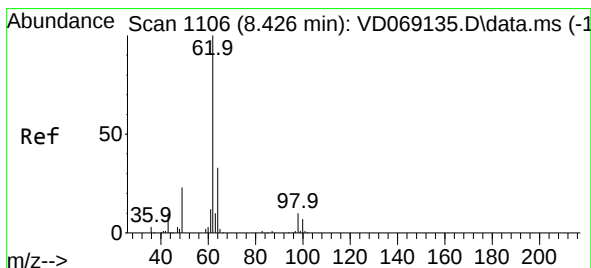
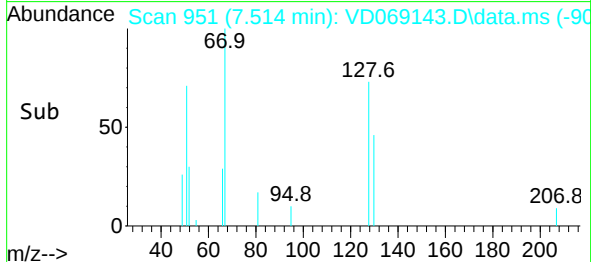
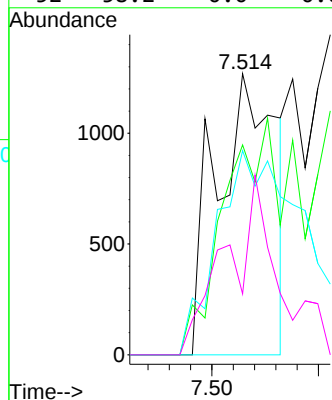


#41
Methacrylonitrile
Concen: 2.96 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.011 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

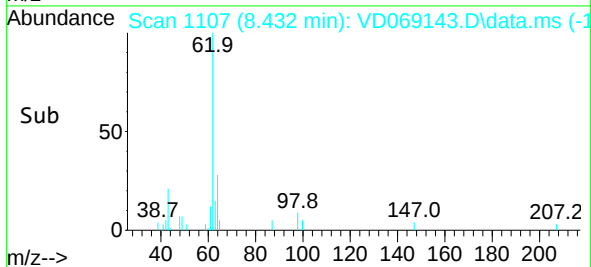
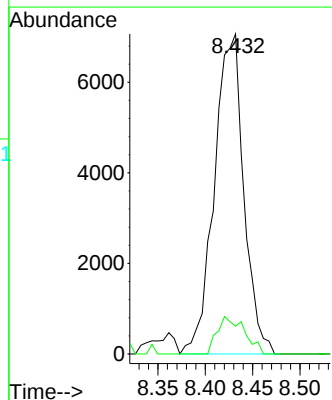
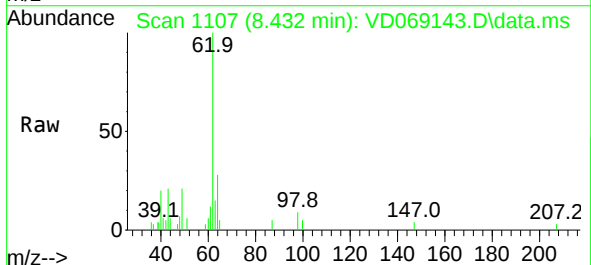


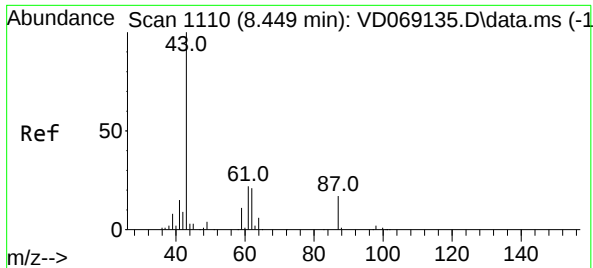
Tgt Ion:	41	Resp:	2443
Ion	Ratio	Lower	Upper
41	100		
39	50.6	58.0	87.0#
67	102.9	0.0	0.0#
52	58.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 4.05 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:	62	Resp:	15288
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6

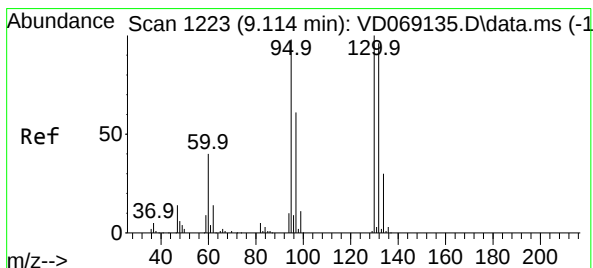
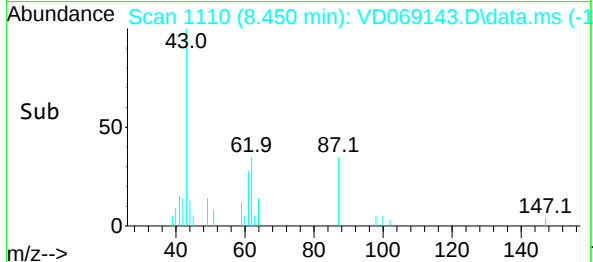
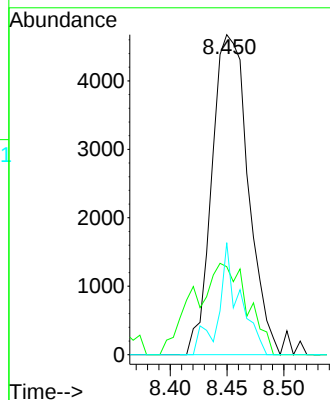
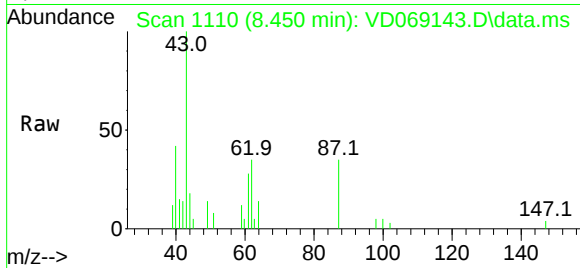




#43
Isopropyl Acetate
Concen: 3.68 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

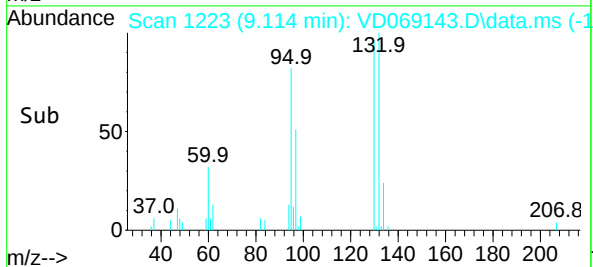
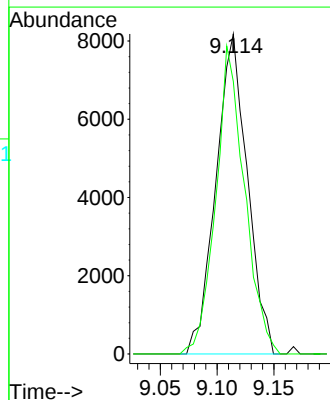
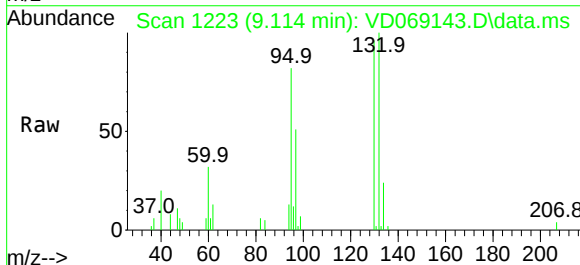
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	43	Resp:	10387
Ion Ratio	Lower	Upper	
43	100		
61	30.5	28.6	42.8
87	20.7	13.8	20.8



#44
Trichloroethene
Concen: 4.07 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:	130	Resp:	15745
Ion Ratio	Lower	Upper	
130	100		
95	85.2	0.0	196.2





#45

1,2-Dichloropropane

Concen: 4.26 ug/l

RT: 9.391 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion: 63 Resp: 13918

Ion Ratio Lower Upper

63 100

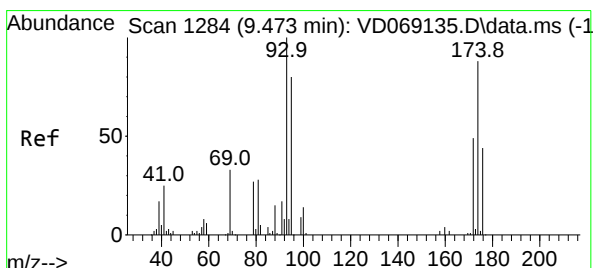
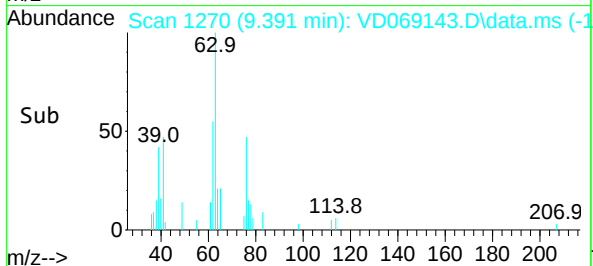
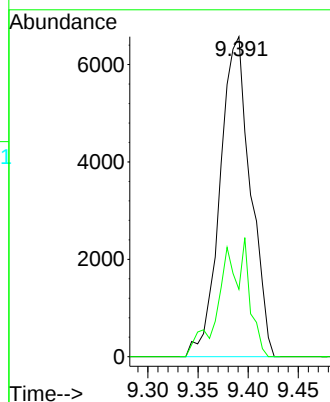
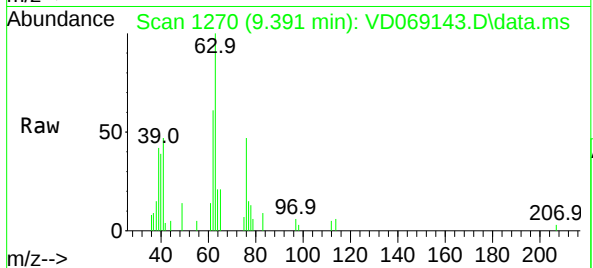
65 21.0 25.9 38.9#

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#46

Dibromomethane

Concen: 3.90 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

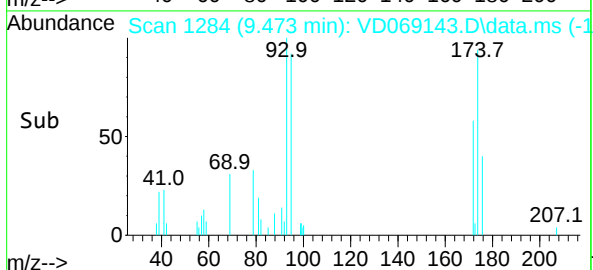
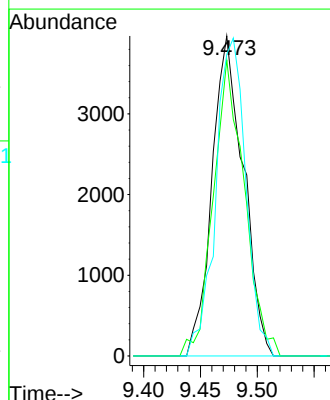
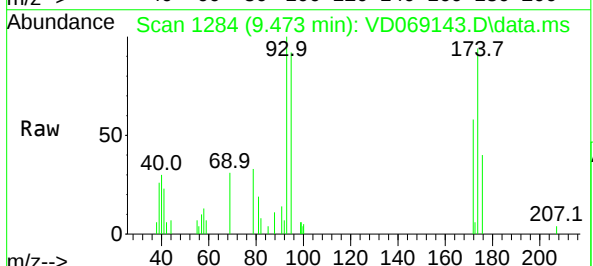
Tgt Ion: 93 Resp: 7608

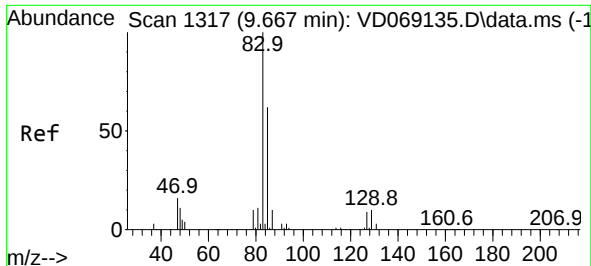
Ion Ratio Lower Upper

93 100

95 91.8 65.9 98.9

174 95.1 76.6 115.0





#47

Bromodichloromethane

Concen: 3.81 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

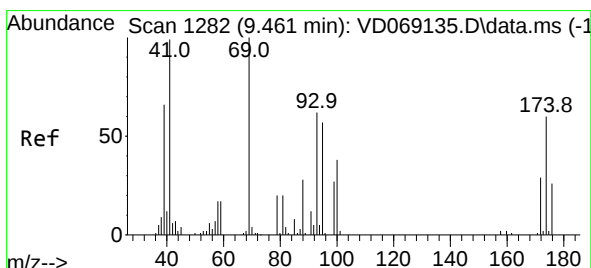
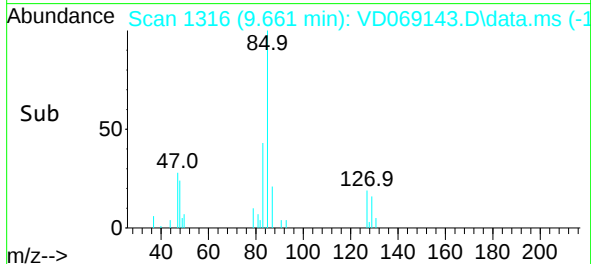
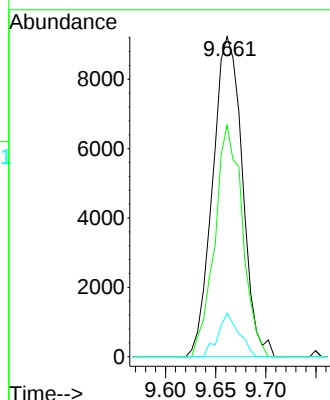
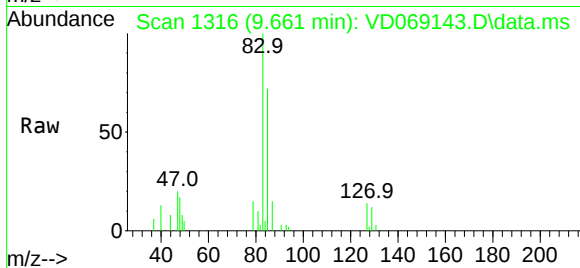
Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	83	Resp:	18932
Ion	Ratio	Lower	Upper
83	100		
85	72.3	50.0	75.0
127	13.6	7.1	10.7#



#48

Methyl methacrylate

Concen: 3.90 ug/l

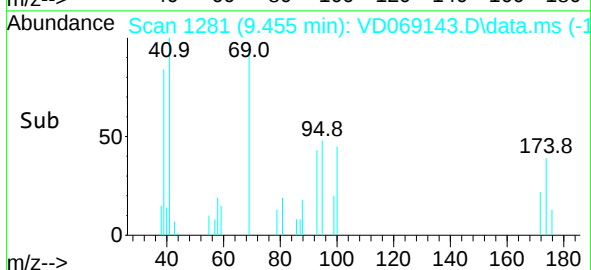
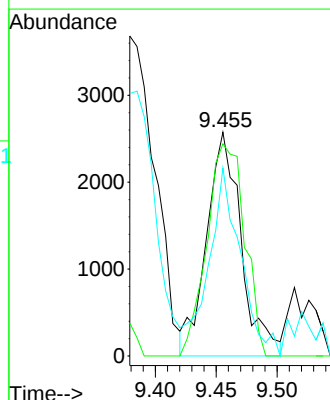
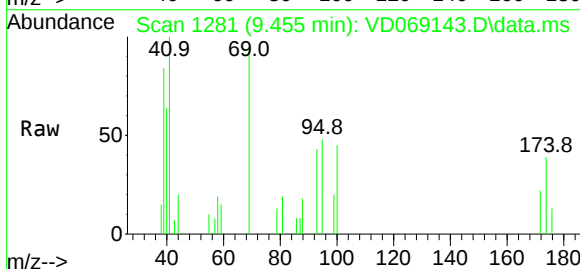
RT: 9.455 min Scan# 1281

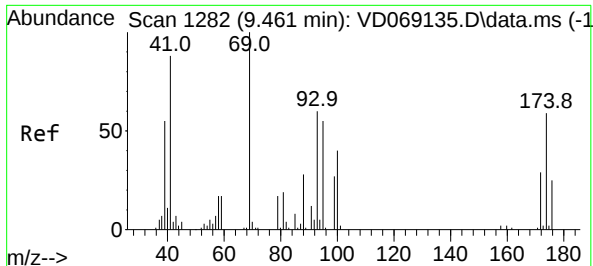
Delta R.T. -0.005 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:	41	Resp:	5079
Ion	Ratio	Lower	Upper
41	100		
69	103.8	88.0	132.0
39	76.1	51.4	77.0

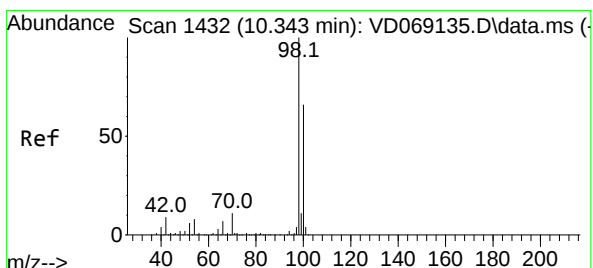
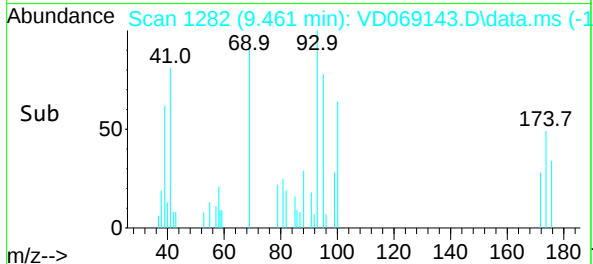
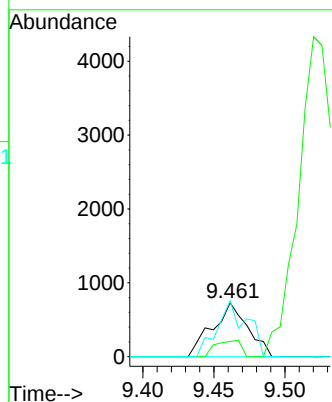
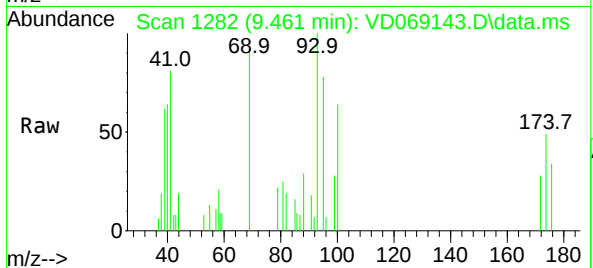




#49
1,4-Dioxane
Concen: 68.60 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

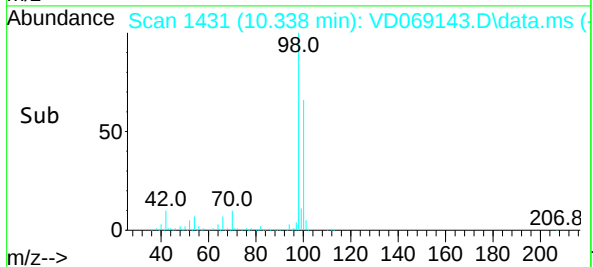
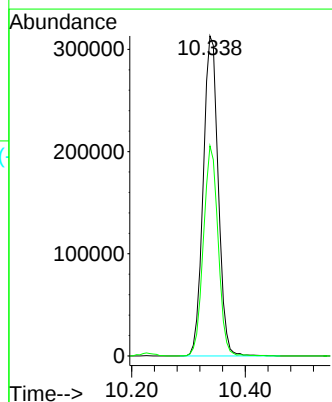
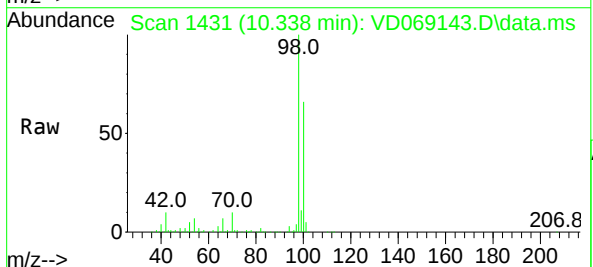
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

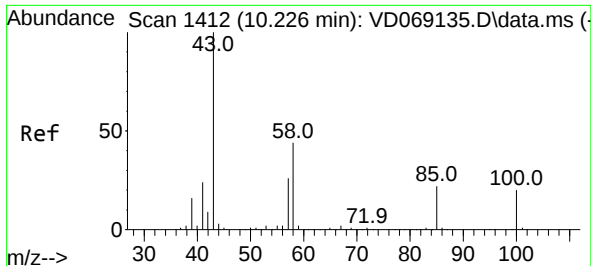
Tgt Ion: 88 Resp: 1260
Ion Ratio Lower Upper
88 100
43 21.7 26.7 40.1#
58 87.7 45.8 68.6#



#50
Toluene-d8
Concen: 48.26 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 98 Resp: 573495
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8

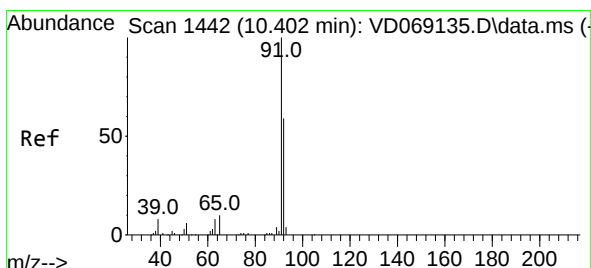
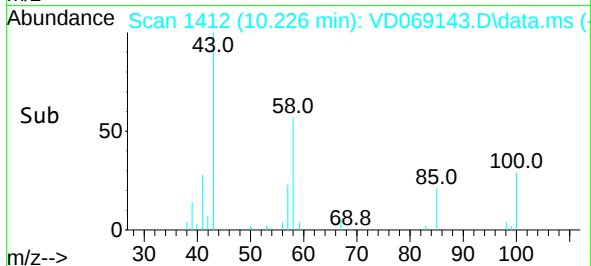
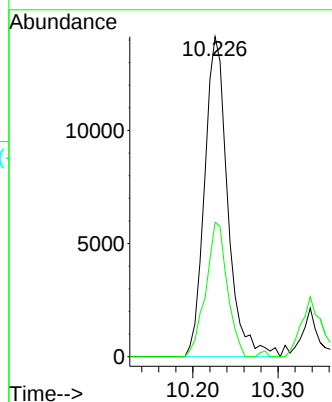
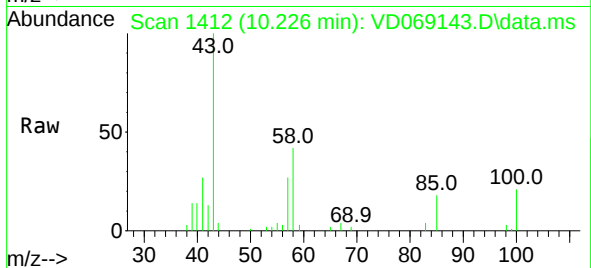




#51
4-Methyl-2-Pentanone
Concen: 18.34 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

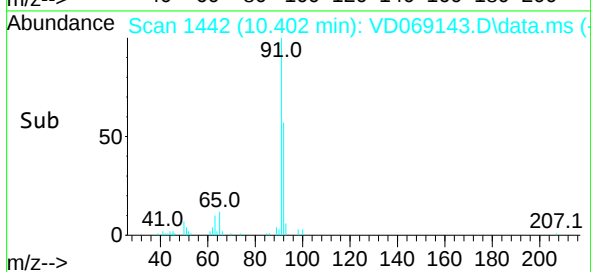
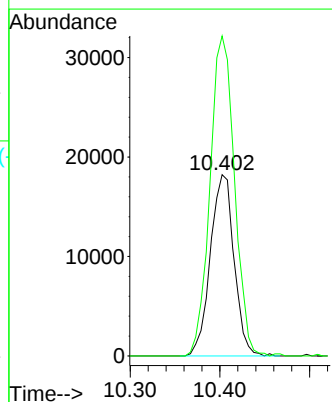
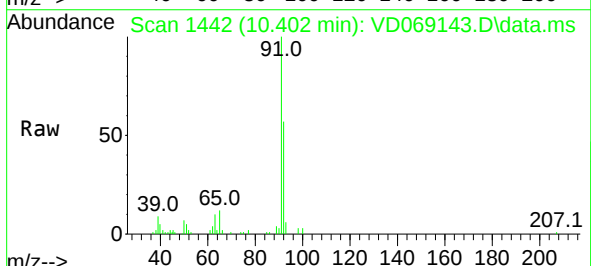
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

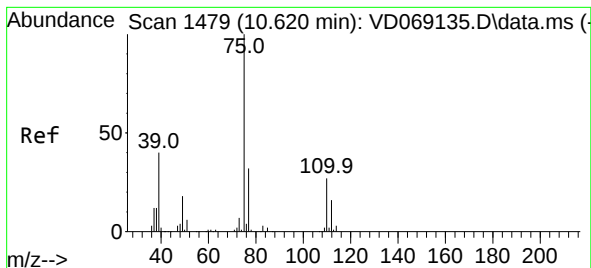
Tgt Ion: 43 Resp: 26608
Ion Ratio Lower Upper
43 100
58 38.9 35.0 52.4



#52
Toluene
Concen: 3.74 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 92 Resp: 33453
Ion Ratio Lower Upper
92 100
91 182.2 136.2 204.2

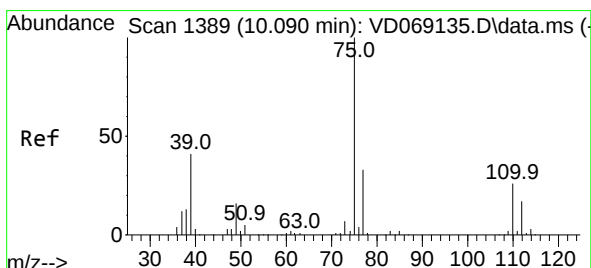
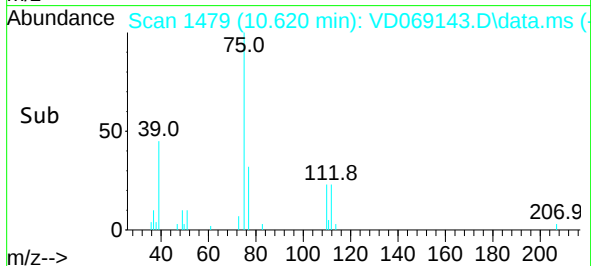
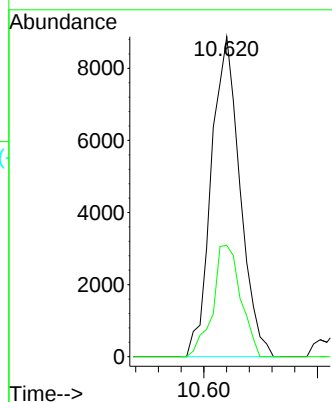
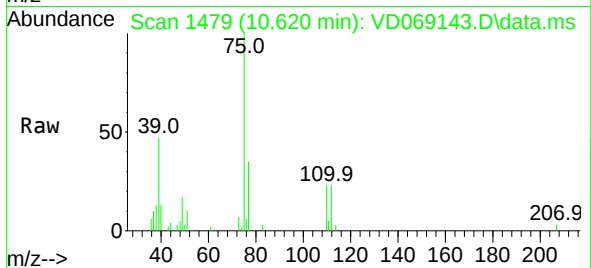




#53
t-1,3-Dichloropropene
Concen: 3.56 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

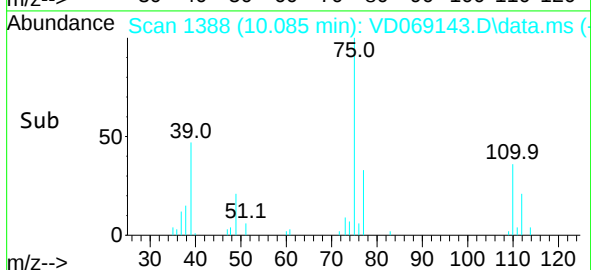
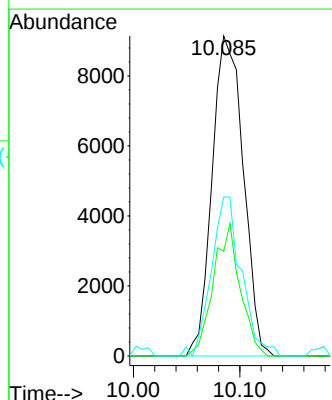
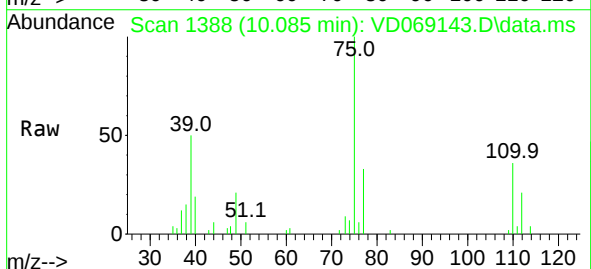
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

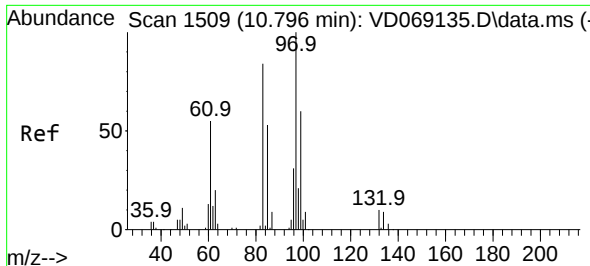
Tgt Ion: 75 Resp: 15566
Ion Ratio Lower Upper
75 100
77 34.8 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 3.56 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 75 Resp: 18576
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
39 49.6 32.9 49.3#

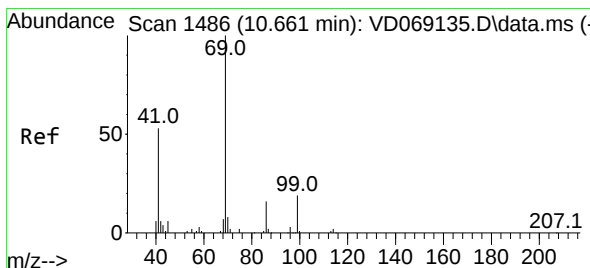
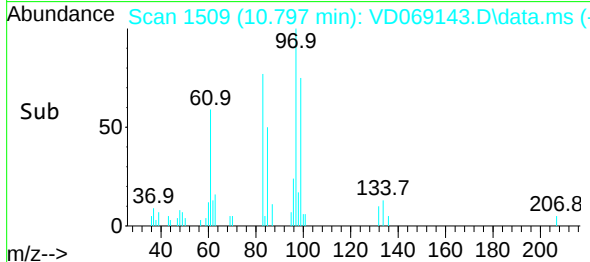
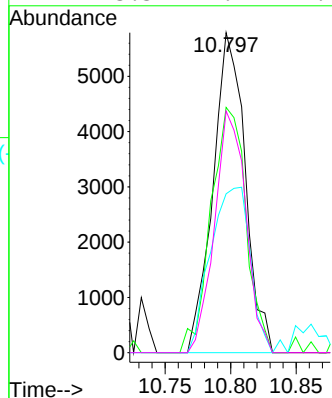
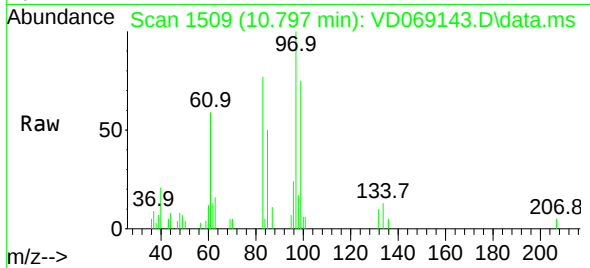




#55
1,1,2-Trichloroethane
Concen: 3.75 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

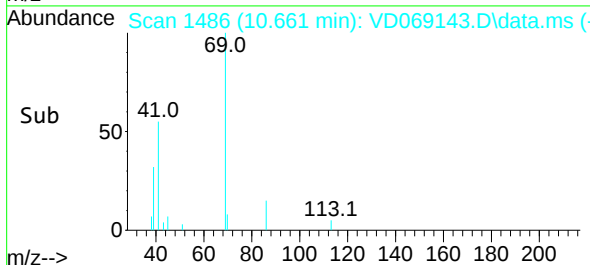
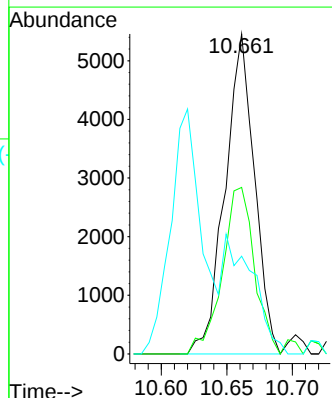
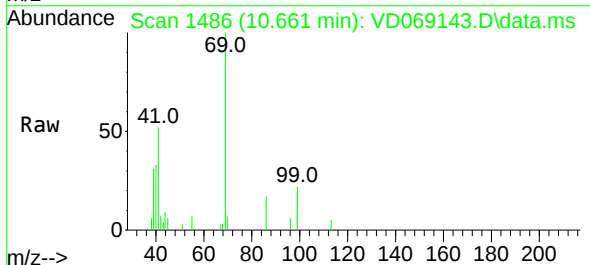
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

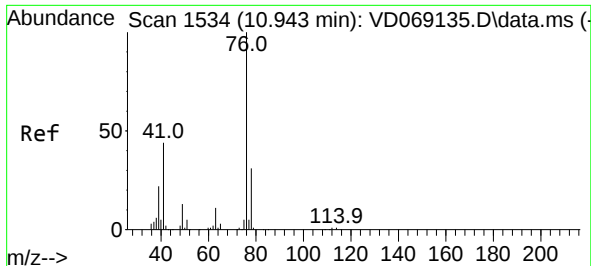
Tgt Ion:	97	Resp:	9866
Ion	Ratio	Lower	Upper
97	100		
83	76.7	66.9	100.3
85	49.7	42.2	63.4
99	75.5	47.9	71.9#



#56
Ethyl methacrylate
Concen: 3.24 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:	69	Resp:	8526
Ion	Ratio	Lower	Upper
69	100		
41	56.7	42.2	63.2
39	37.4	26.3	39.5

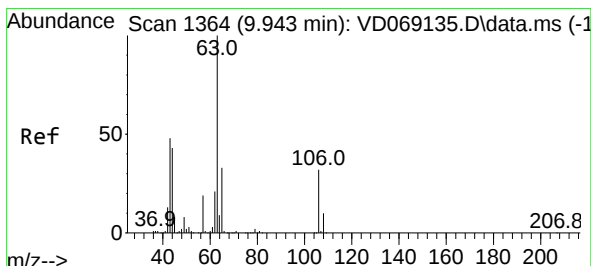
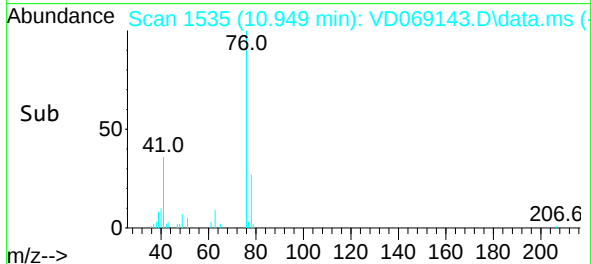
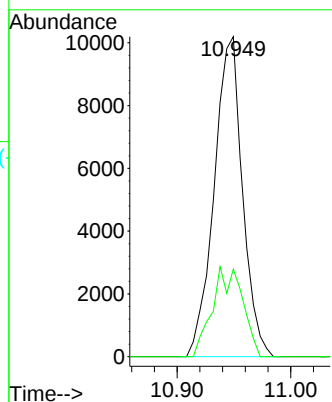
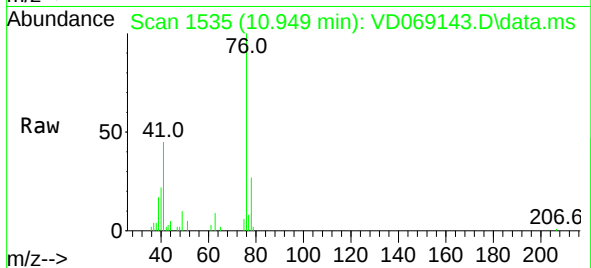




#57
1,3-Dichloropropane
Concen: 4.15 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

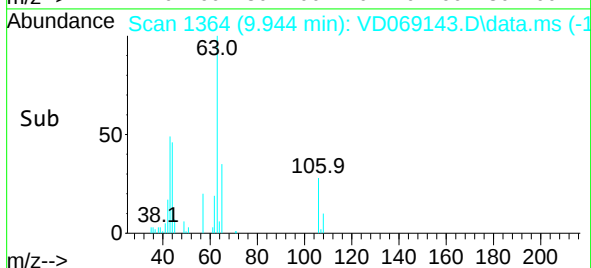
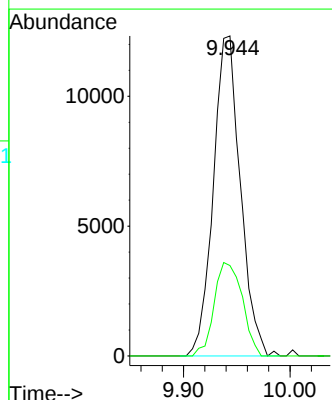
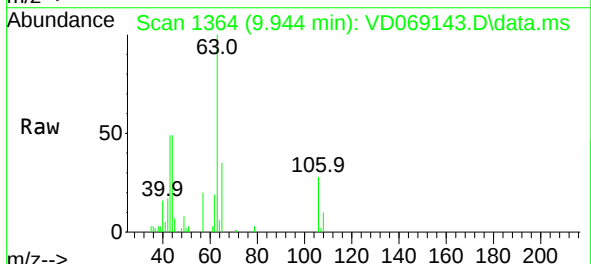
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

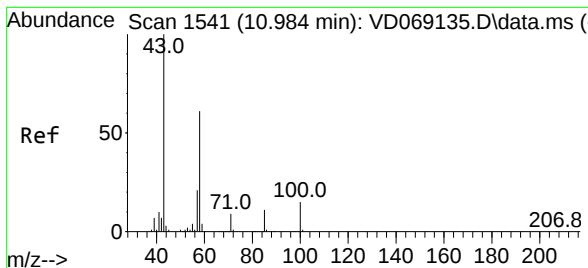
Tgt Ion: 76 Resp: 17648
Ion Ratio Lower Upper
76 100
78 29.8 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 16.69 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 63 Resp: 21755
Ion Ratio Lower Upper
63 100
106 30.2 25.3 37.9

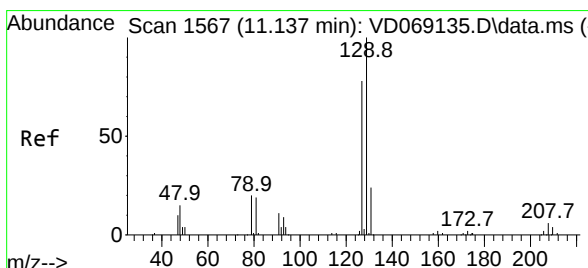
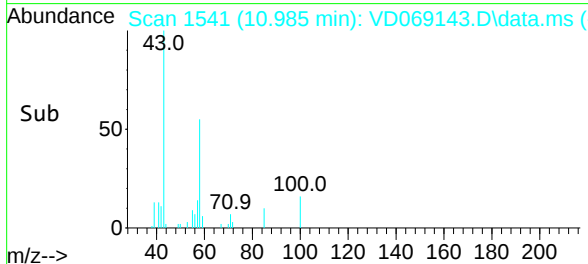
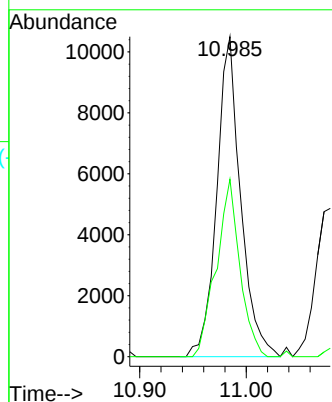
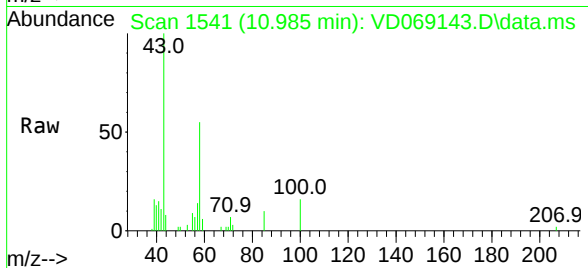




#59
2-Hexanone
Concen: 16.87 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

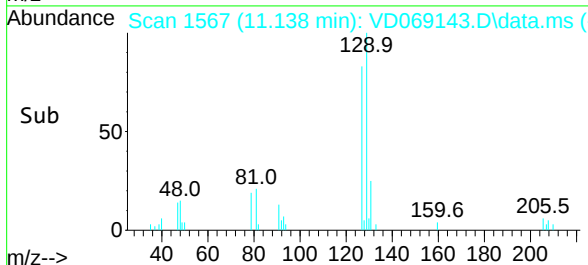
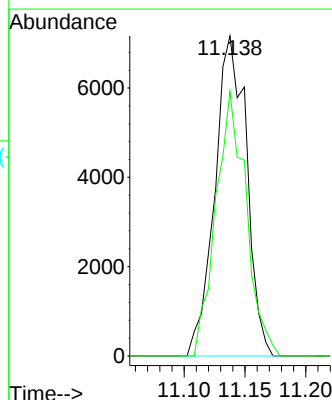
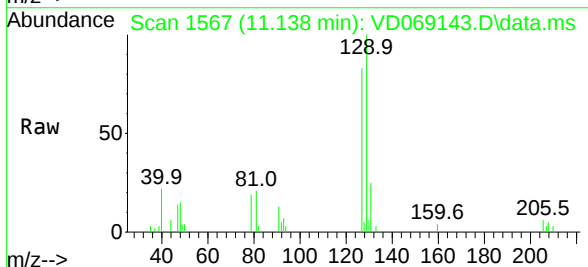
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

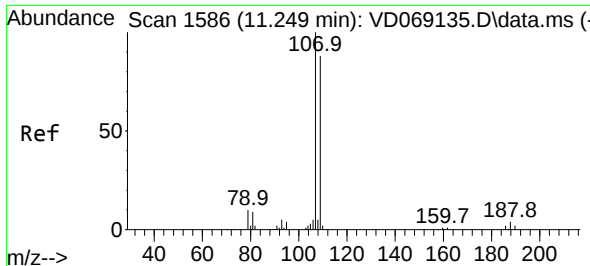
Tgt Ion: 43 Resp: 16325
Ion Ratio Lower Upper
43 100
58 54.9 31.1 93.5



#60
Dibromochloromethane
Concen: 3.83 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:129 Resp: 12952
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.5

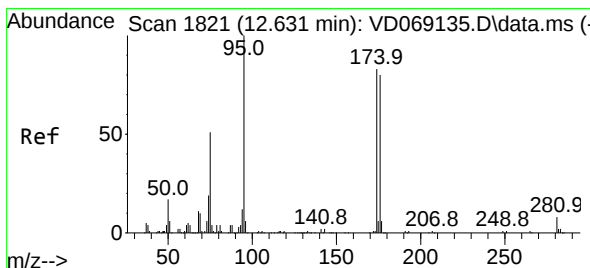
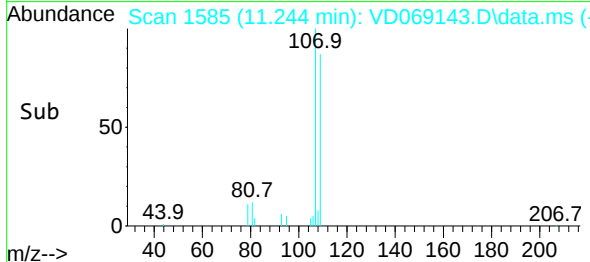
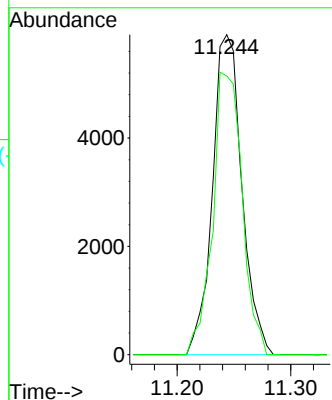
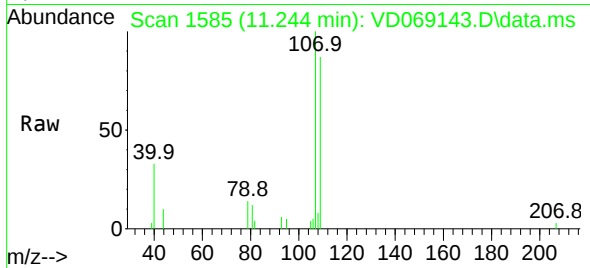




#61
1,2-Dibromoethane
Concen: 4.09 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

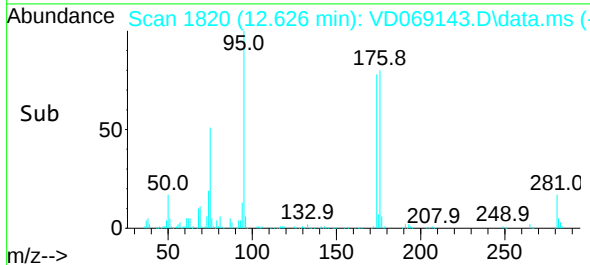
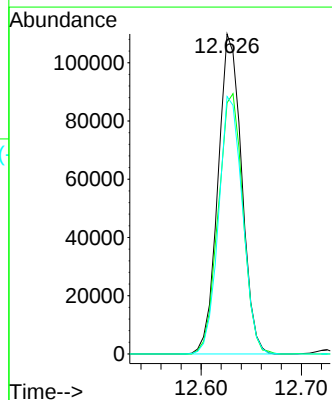
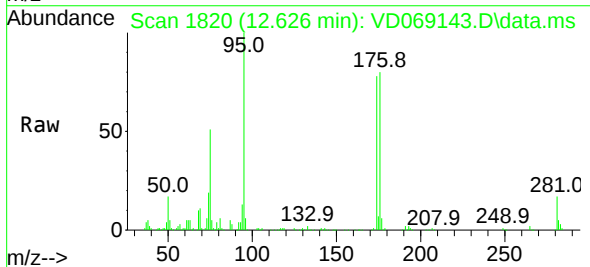
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

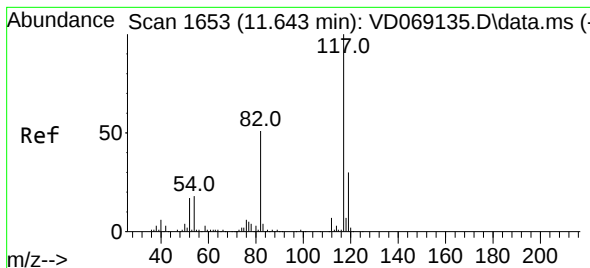
Tgt Ion:107 Resp: 10649
Ion Ratio Lower Upper
107 100
109 88.3 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.03 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 95 Resp: 179836
Ion Ratio Lower Upper
95 100
174 84.5 0.0 171.8
176 81.3 0.0 165.4

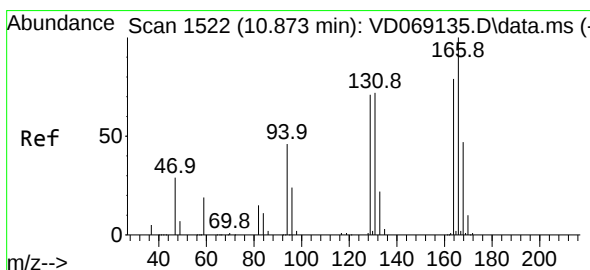
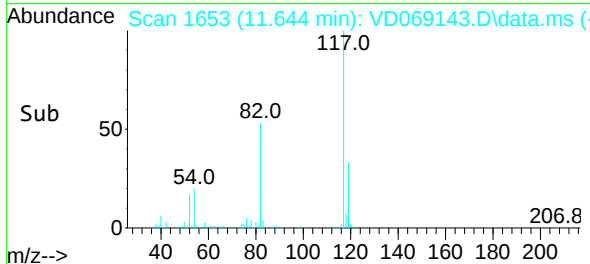
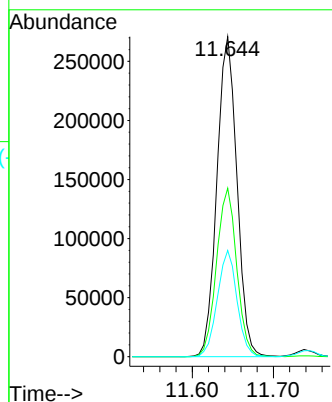
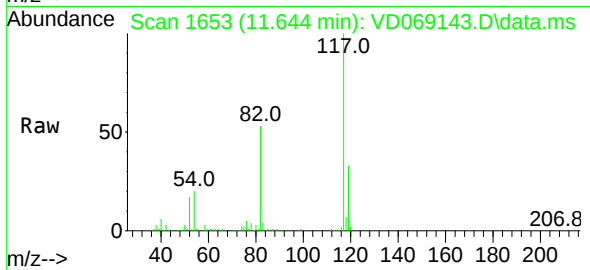




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

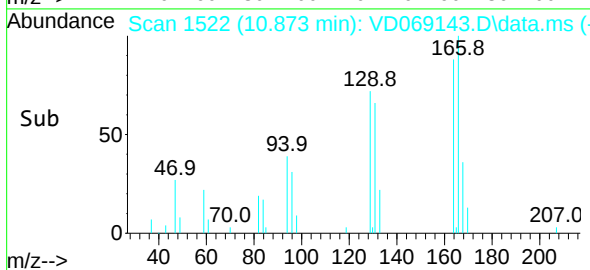
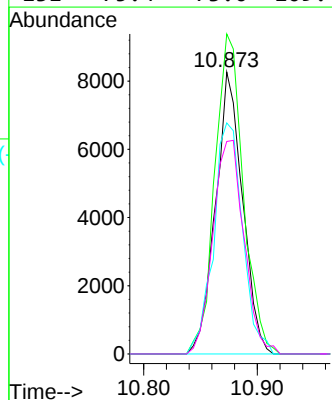
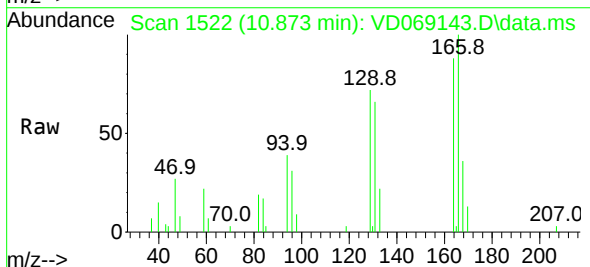
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

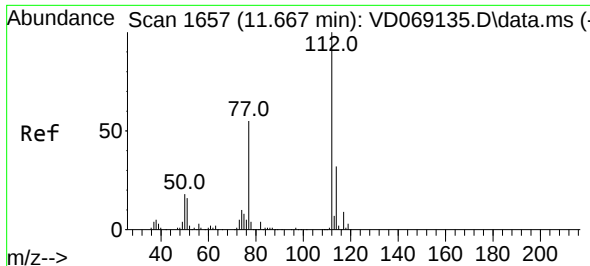
Tgt Ion:117 Resp: 465100
Ion Ratio Lower Upper
117 100
82 52.6 40.5 60.7
119 33.2 24.2 36.4



#64
Tetrachloroethene
Concen: 4.22 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:164 Resp: 13636
Ion Ratio Lower Upper
164 100
166 113.5 101.7 152.5
129 81.9 72.6 109.0
131 75.4 73.0 109.4

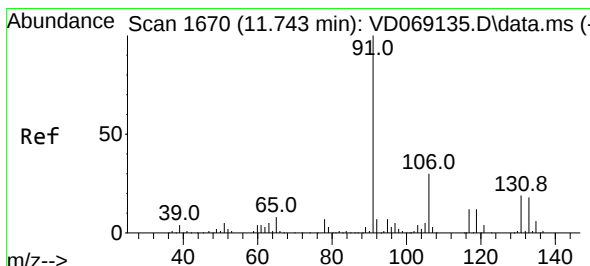
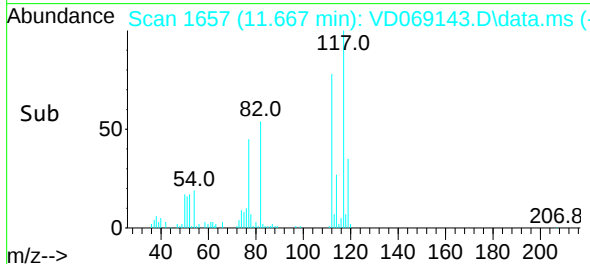
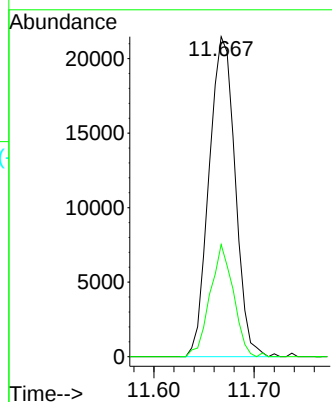
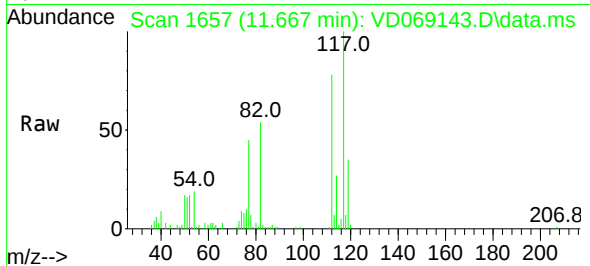




#65
Chlorobenzene
Concen: 4.03 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

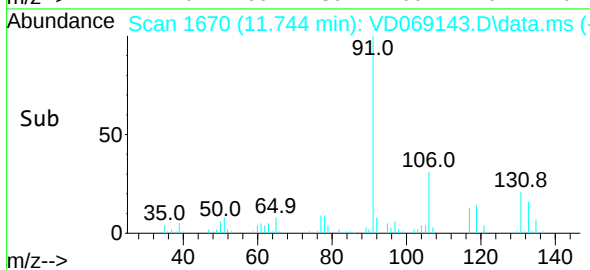
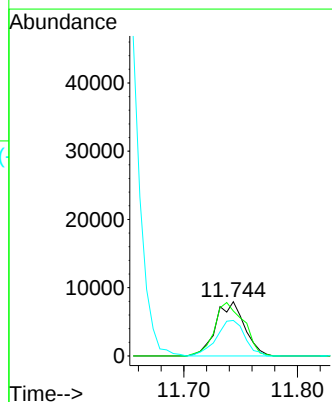
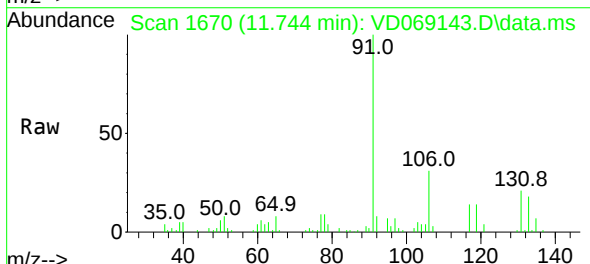
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

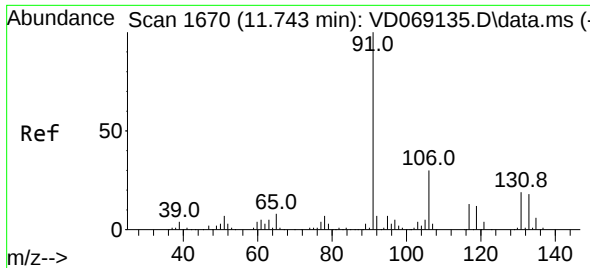
Tgt Ion:112 Resp: 38867
Ion Ratio Lower Upper
112 100
114 35.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 3.85 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:131 Resp: 13983
Ion Ratio Lower Upper
131 100
133 101.4 47.5 142.5
119 64.8 32.1 96.5

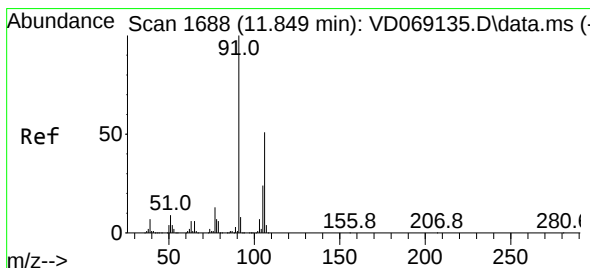
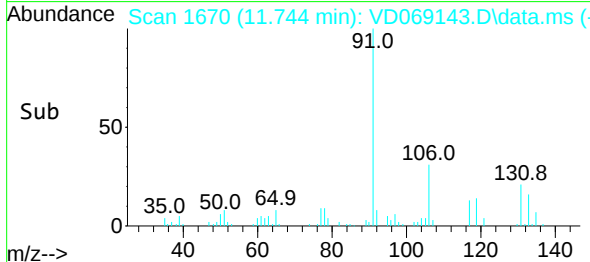
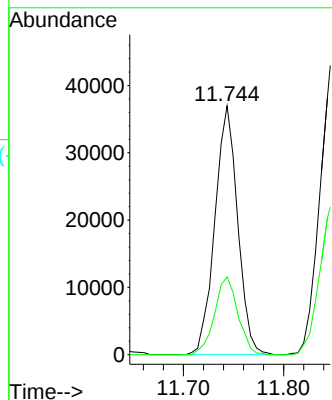
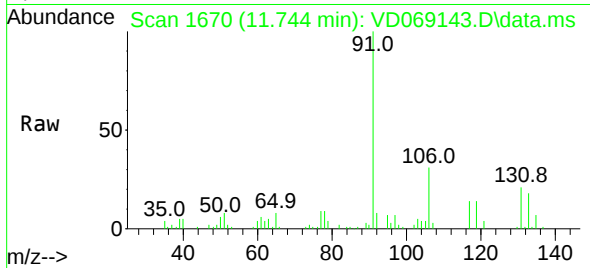




#67
Ethyl Benzene
Concen: 3.52 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

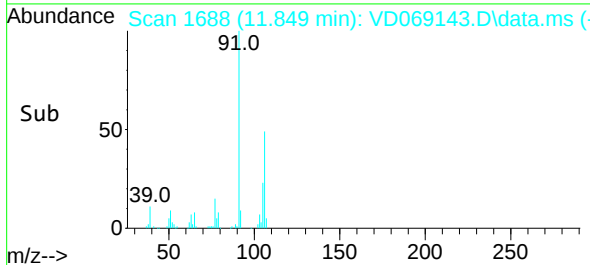
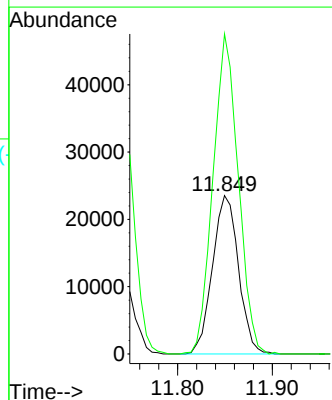
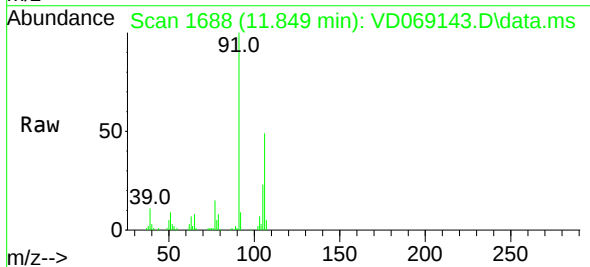
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

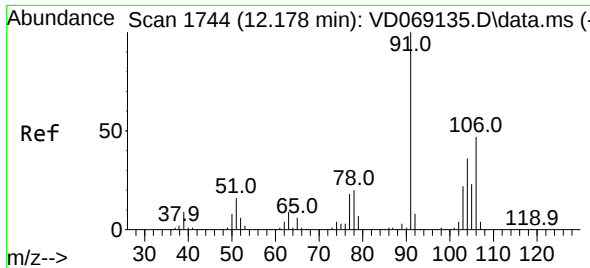
Tgt Ion: 91 Resp: 58372
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0



#68
m/p-Xylenes
Concen: 6.91 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 106 Resp: 44900
Ion Ratio Lower Upper
106 100
91 196.0 157.3 235.9

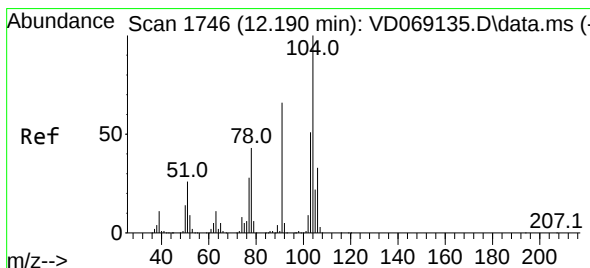
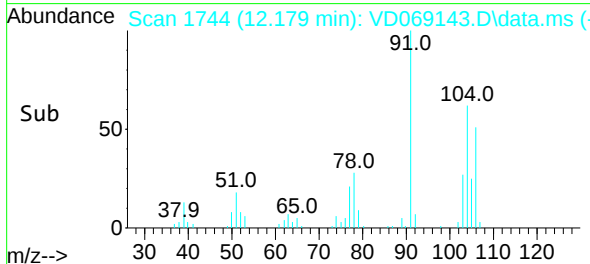
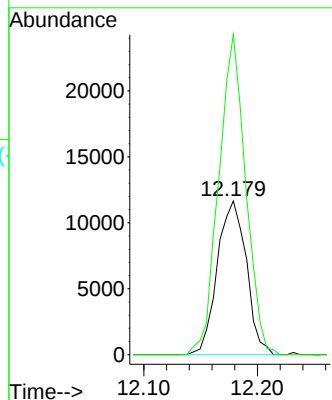
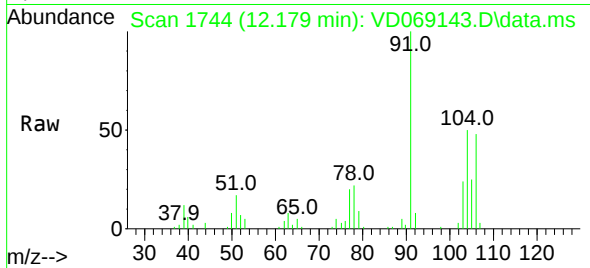




#69
o-Xylene
Concen: 3.58 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

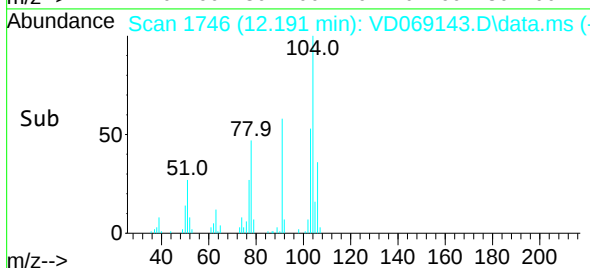
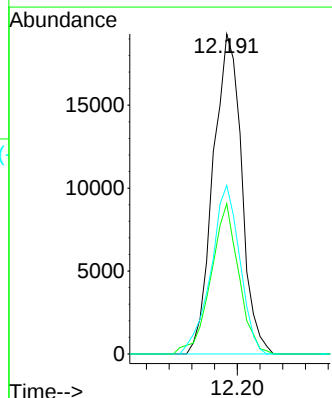
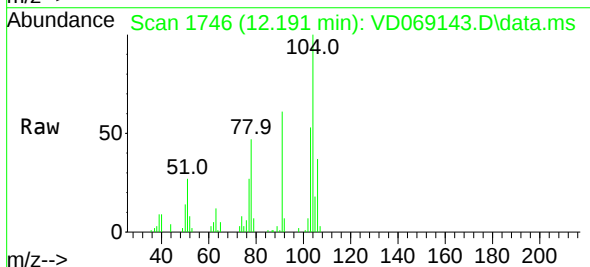
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

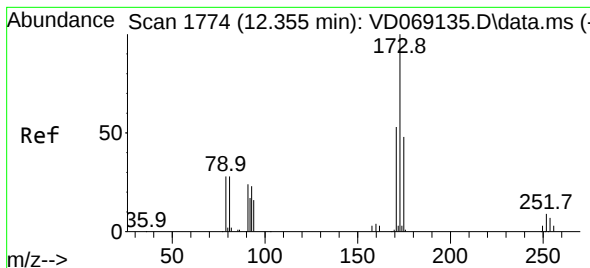
Tgt Ion:106 Resp: 20720
Ion Ratio Lower Upper
106 100
91 193.1 104.8 314.6



#70
Styrene
Concen: 3.32 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:104 Resp: 33494
Ion Ratio Lower Upper
104 100
78 46.0 37.8 56.6
103 53.4 44.8 67.2





#71

Bromoform

Concen: 3.68 ug/l

RT: 12.355 min Scan# 1774

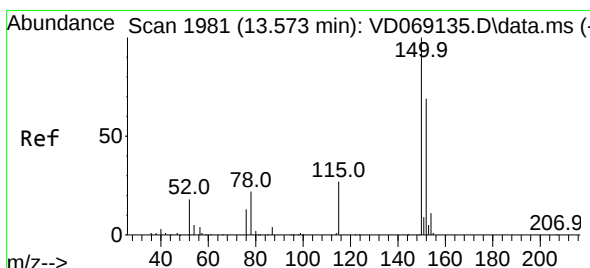
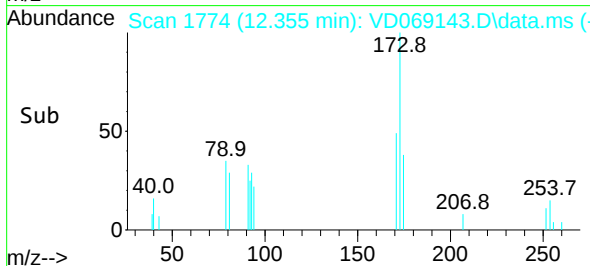
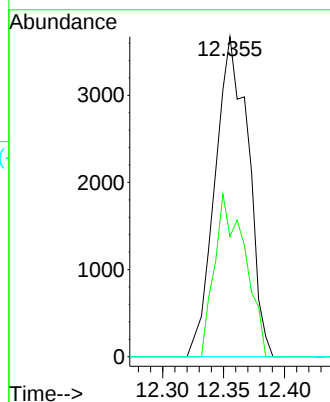
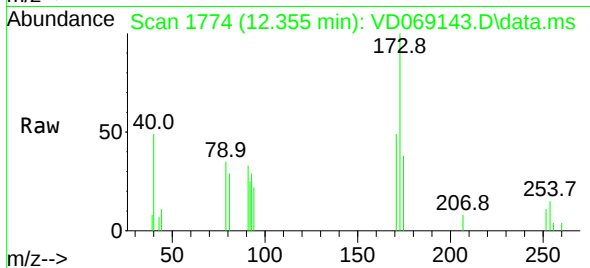
Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:	173	Resp:	6966
Ion Ratio	Lower	Upper	
173	100		
175	46.5	24.3	73.0
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

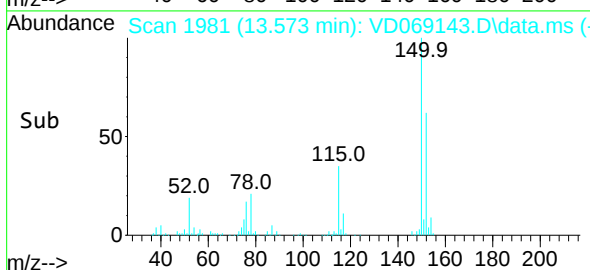
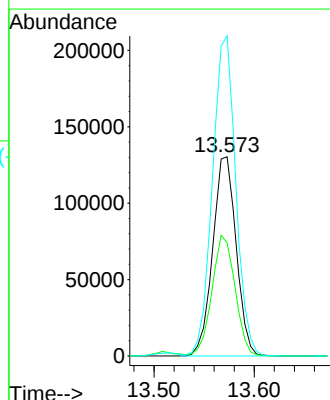
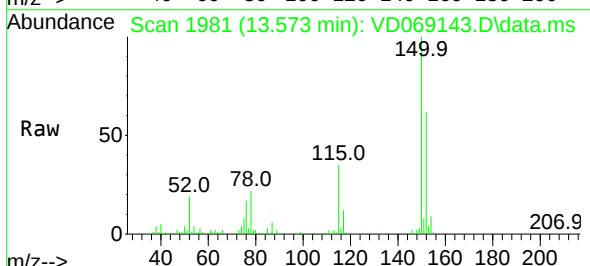
RT: 13.573 min Scan# 1981

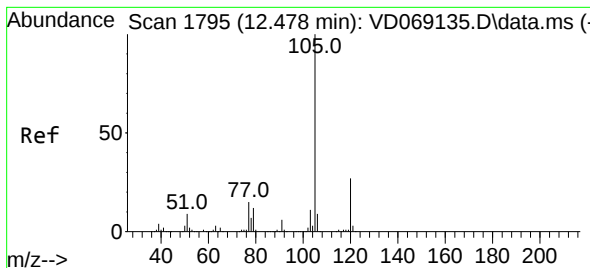
Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:	152	Resp:	211923
Ion Ratio	Lower	Upper	
152	100		
115	59.7	29.9	89.8
150	159.6	0.0	350.2





#73

Isopropylbenzene

Concen: 3.56 ug/l

RT: 12.479 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Instrument :

MSVOA_D

ClientSampleId :

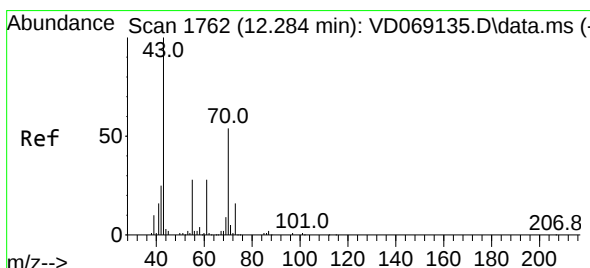
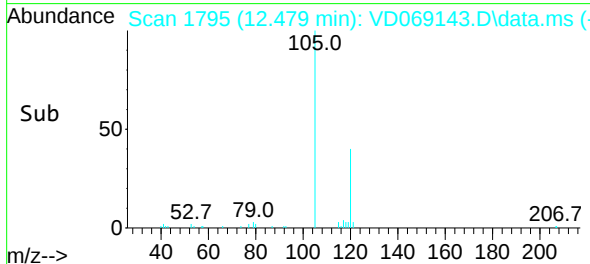
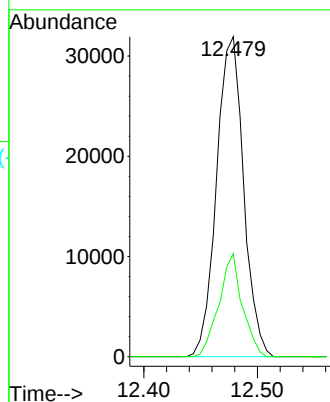
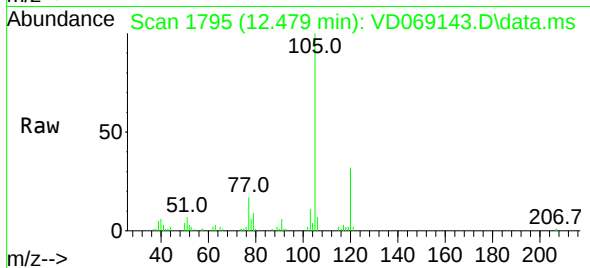
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:105 Resp: 52772

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.2



#74

N-ethyl acetate

Concen: 3.46 ug/l

RT: 12.285 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion: 43 Resp: 8392

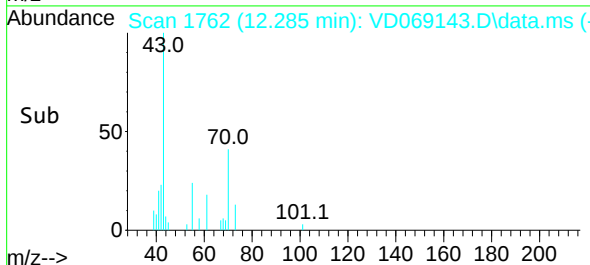
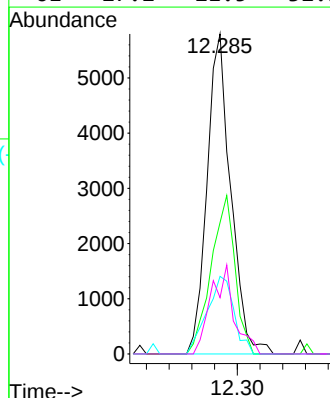
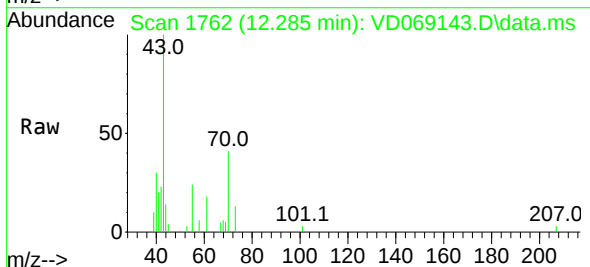
Ion Ratio Lower Upper

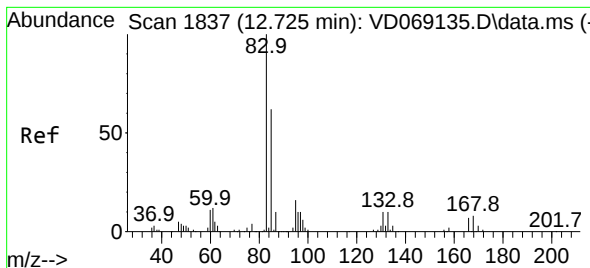
43 100

70 49.9 41.6 62.4

55 27.5 22.6 34.0

61 27.2 21.5 32.3

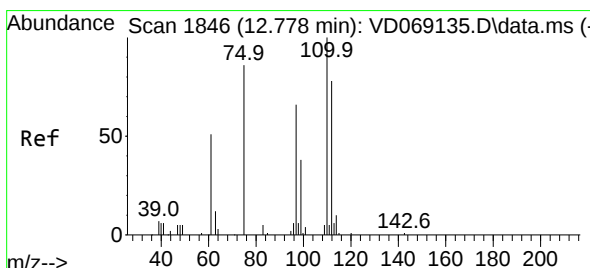
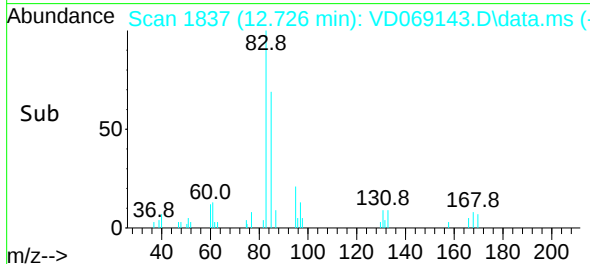
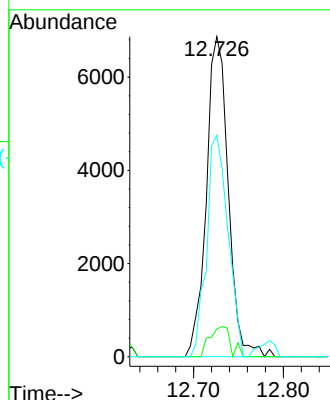
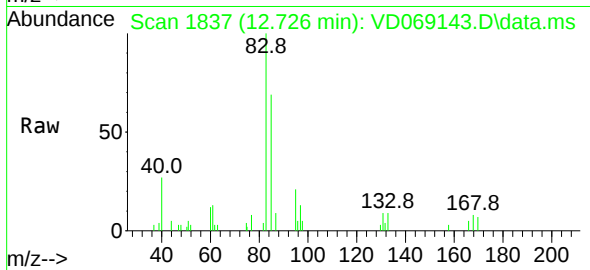




#75
1,1,2,2-Tetrachloroethane
Concen: 4.35 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

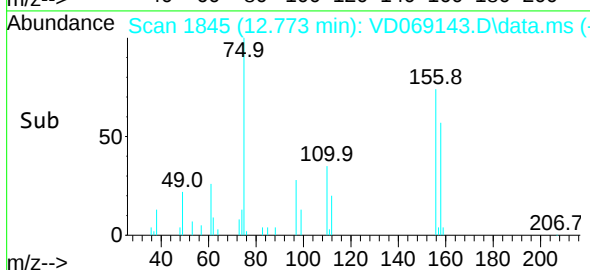
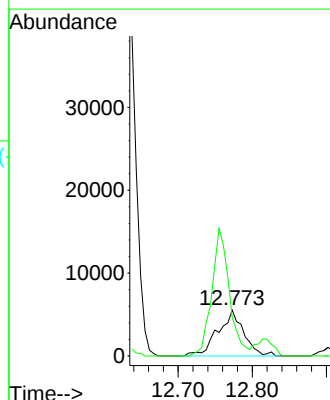
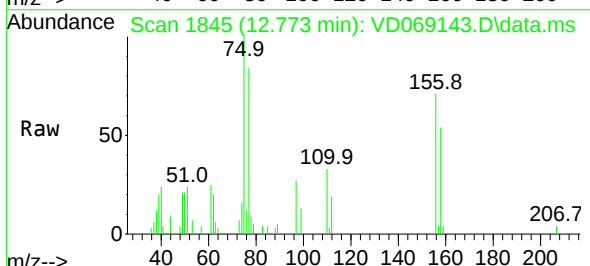
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

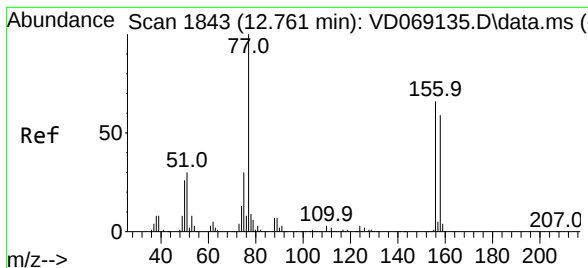
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.4	16.2
85	67.3	31.9	95.5



#76
1,2,3-Trichloropropane
Concen: 8.39 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	190.3	0.0	0.0#





#77

Bromobenzene

Concen: 4.35 ug/l

RT: 12.755 min Scan# 1842

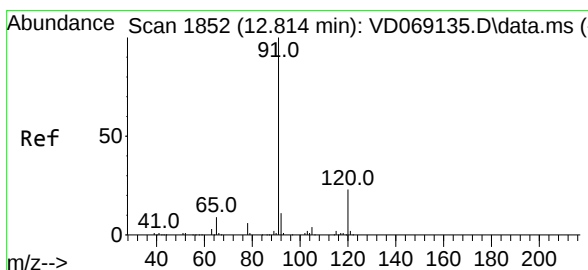
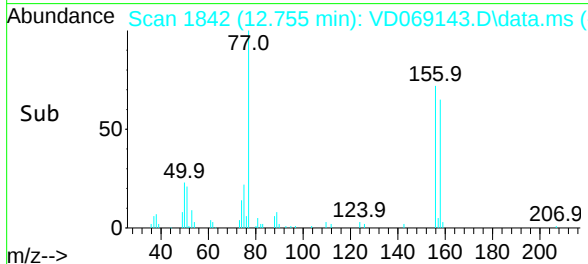
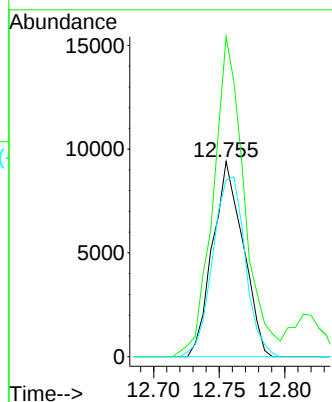
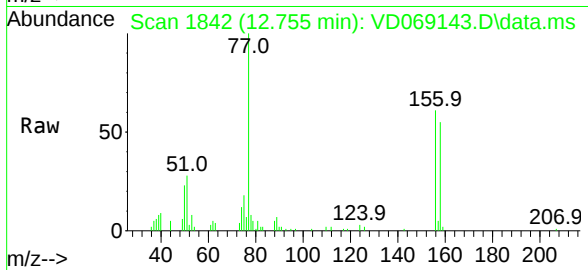
Delta R.T. -0.006 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:	156	Resp:	15279
Ion Ratio	Lower	Upper	
156	100		
77	166.4	85.8	257.3
158	97.7	47.8	143.4

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



#78

n-propylbenzene

Concen: 3.75 ug/l

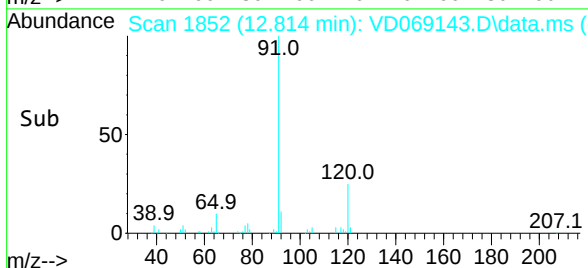
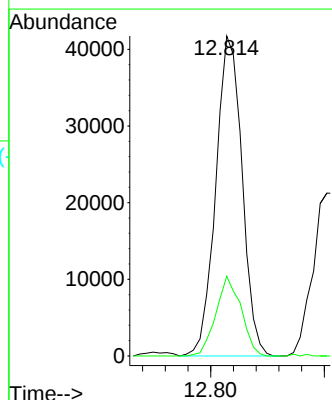
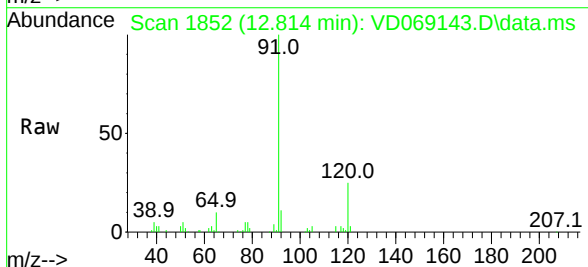
RT: 12.814 min Scan# 1852

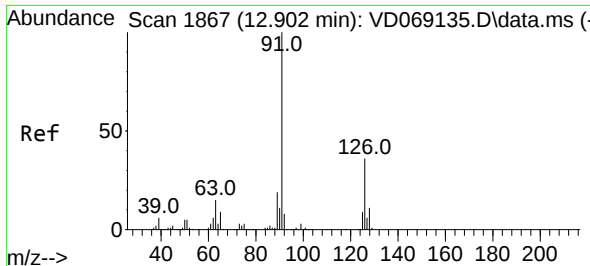
Delta R.T. 0.000 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:	91	Resp:	67106
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.6	34.7

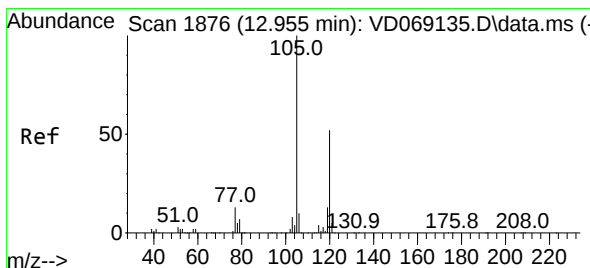
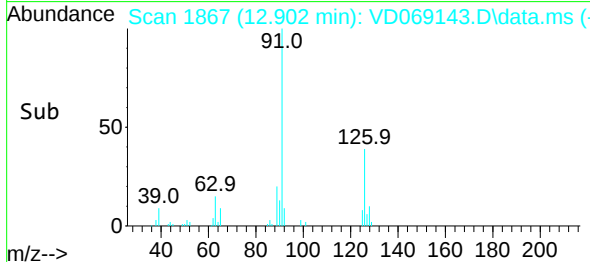
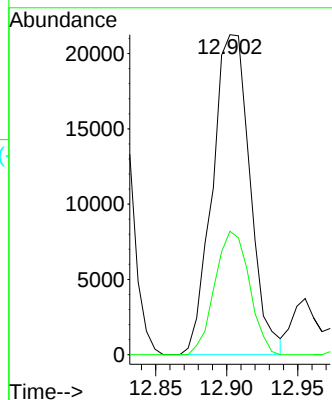
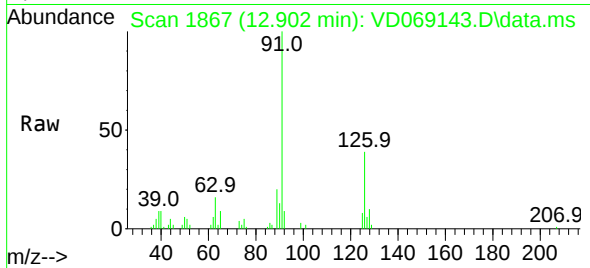




#79
2-Chlorotoluene
Concen: 3.94 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

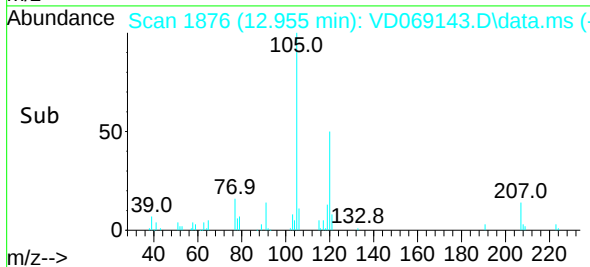
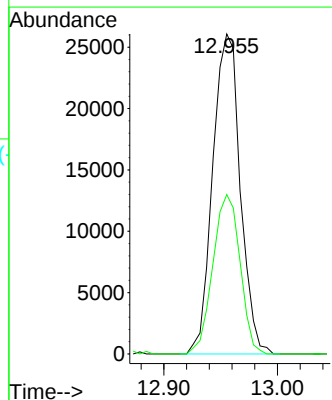
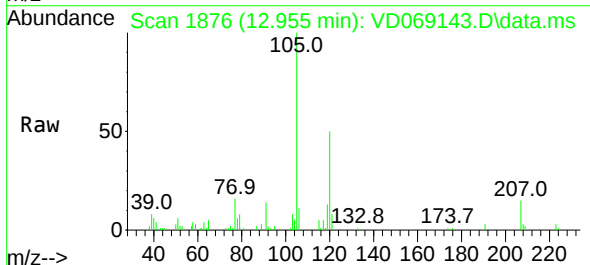
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

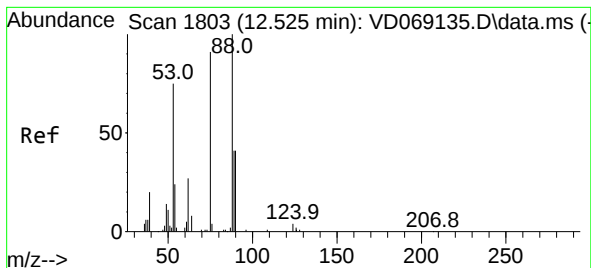
Tgt Ion: 91 Resp: 39133
Ion Ratio Lower Upper
91 100
126 35.4 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 3.60 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 105 Resp: 43910
Ion Ratio Lower Upper
105 100
120 49.0 25.3 75.8

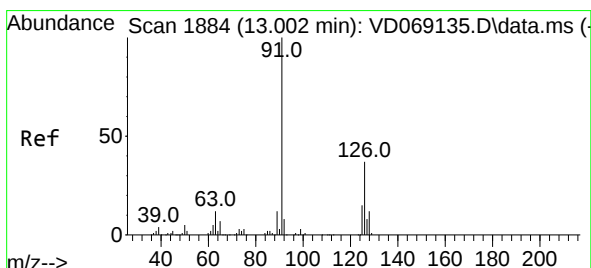
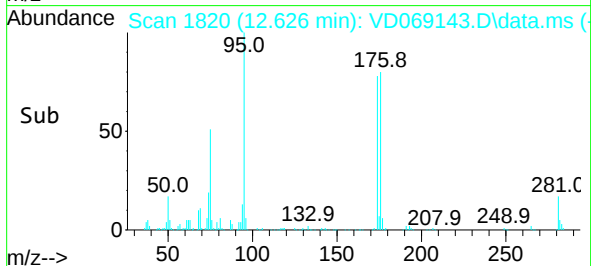
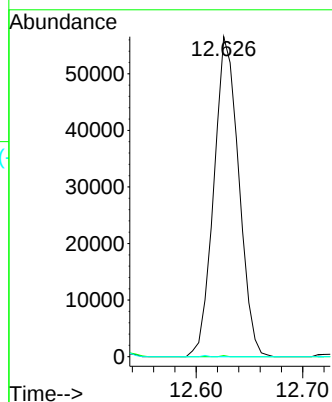
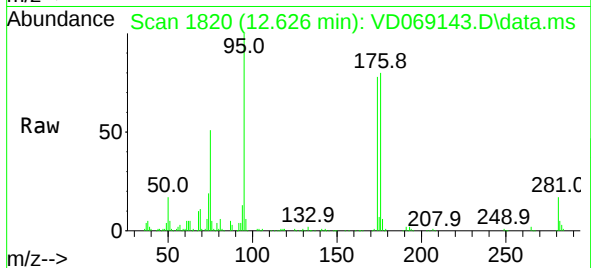




#81
trans-1,4-Dichloro-2-butene
Concen: 116.49 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

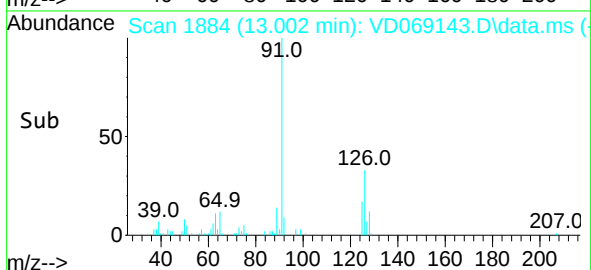
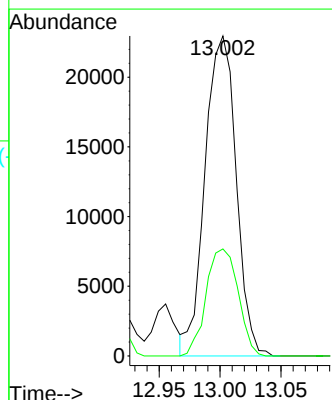
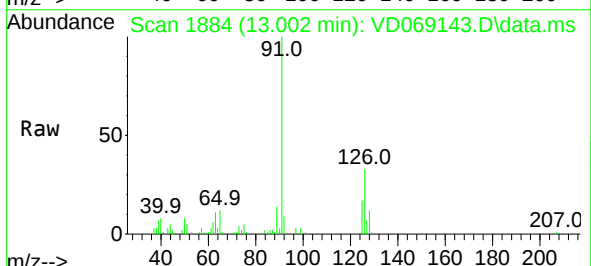
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

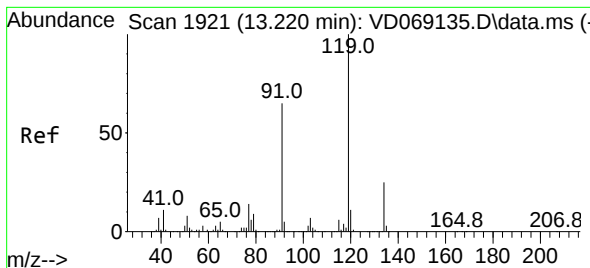
Tgt Ion: 75 Resp: 91868
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.1 40.2 60.2#



#82
4-Chlorotoluene
Concen: 3.86 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 91 Resp: 40862
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1





#83

tert-Butylbenzene

Concen: 3.64 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. -0.006 min

Lab File: VD069143.D

Acq: 12 May 2021 18:27

Tgt Ion:119 Resp: 37018

Ion Ratio Lower Upper

119 100

91 61.9 32.5 97.4

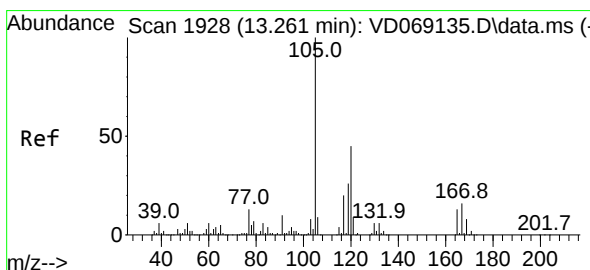
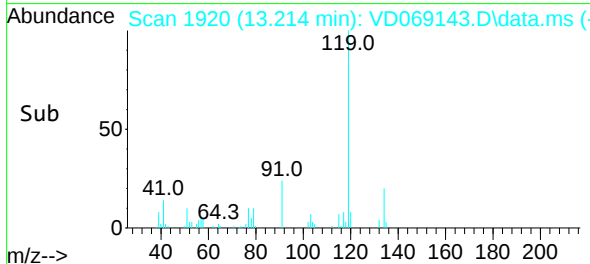
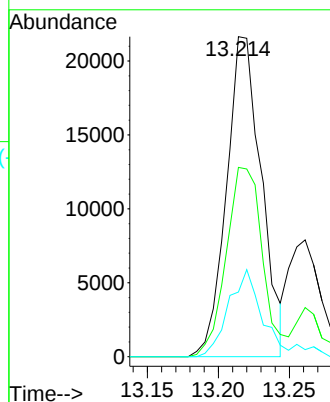
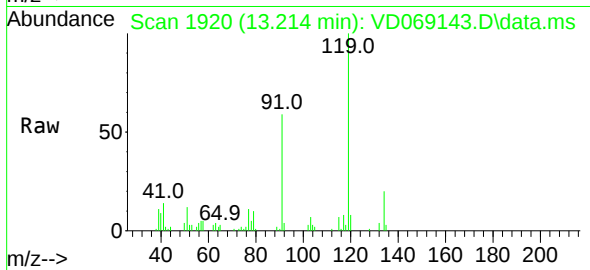
134 25.6 13.8 41.3

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#84

1,2,4-Trimethylbenzene

Concen: 3.34 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD069143.D

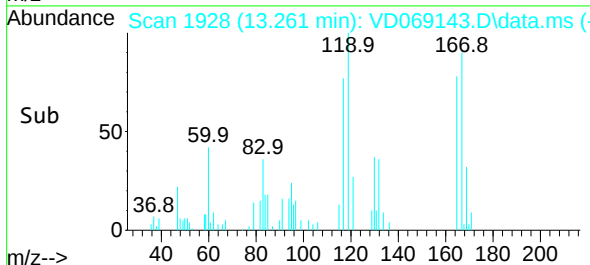
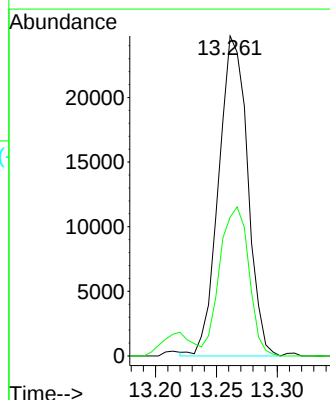
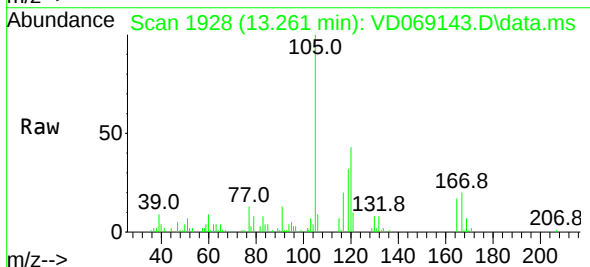
Acq: 12 May 2021 18:27

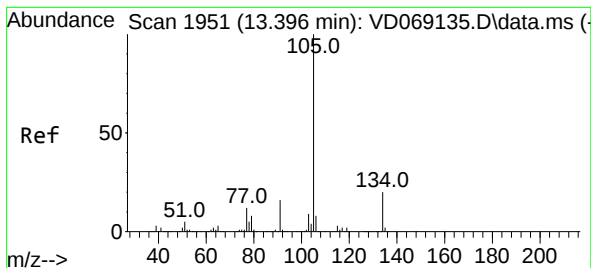
Tgt Ion:105 Resp: 40989

Ion Ratio Lower Upper

105 100

120 46.8 22.8 68.4

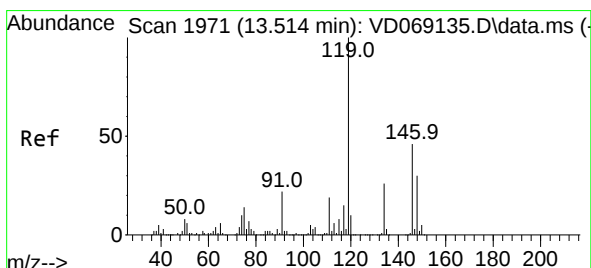
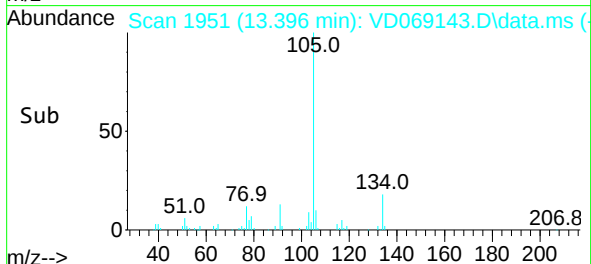
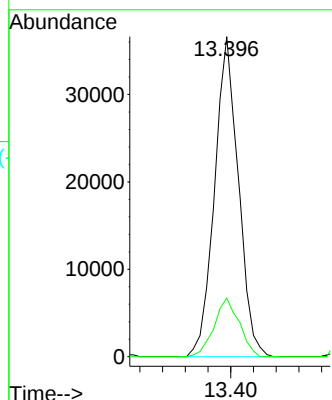
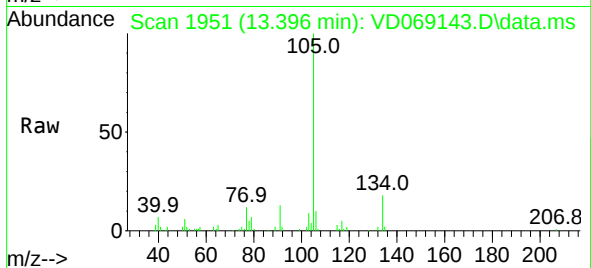




#85
 sec-Butylbenzene
 Concen: 3.48 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069143.D
 Acq: 12 May 2021 18:27

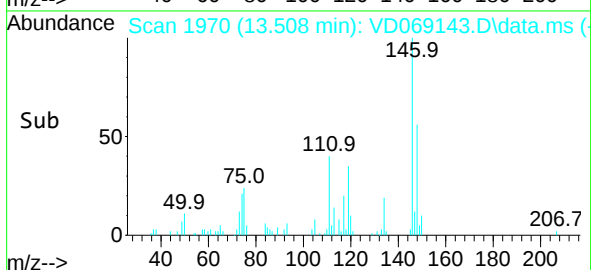
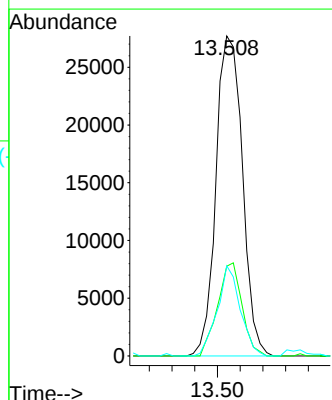
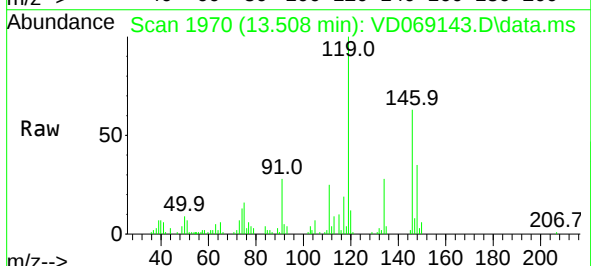
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

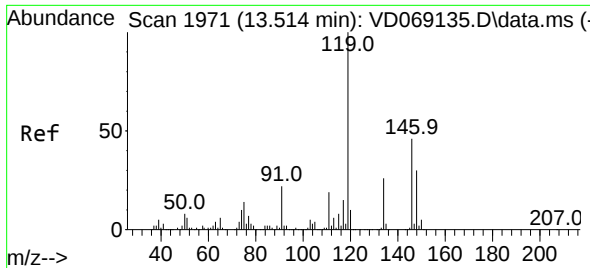
Tgt Ion:105 Resp: 53321
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 3.33 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD069143.D
 Acq: 12 May 2021 18:27

Tgt Ion:119 Resp: 44786
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 24.6 11.3 33.9

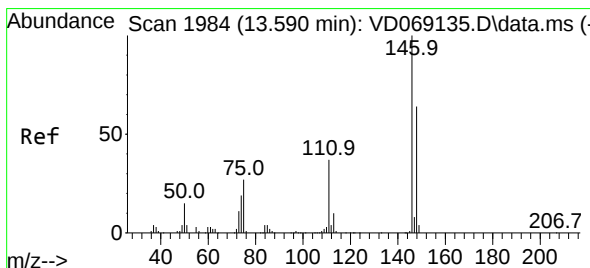
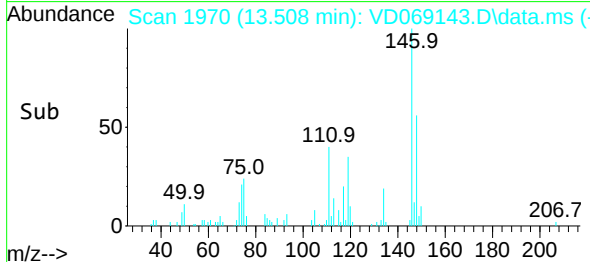
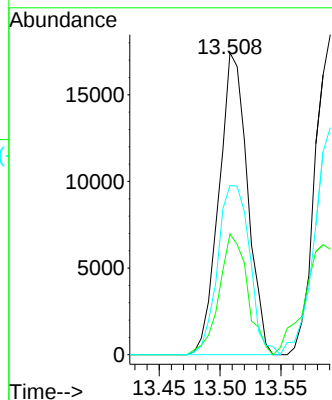
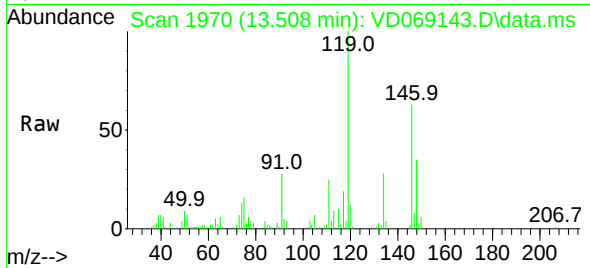




#87
1,3-Dichlorobenzene
Concen: 4.00 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

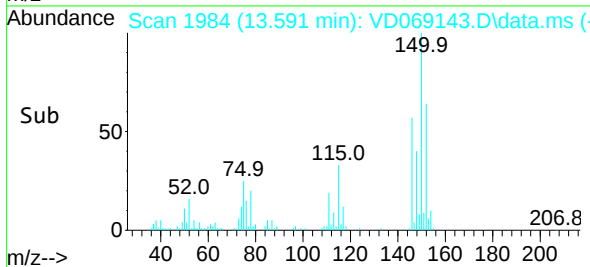
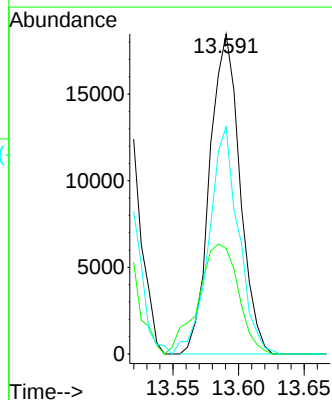
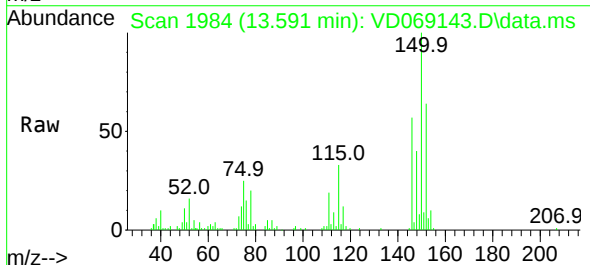
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

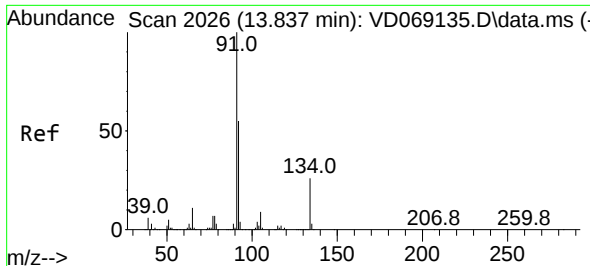
Tgt Ion:146 Resp: 28432
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.6
148 62.6 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 4.18 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:146 Resp: 29474
Ion Ratio Lower Upper
146 100
111 45.8 19.4 58.2
148 69.9 32.4 97.0

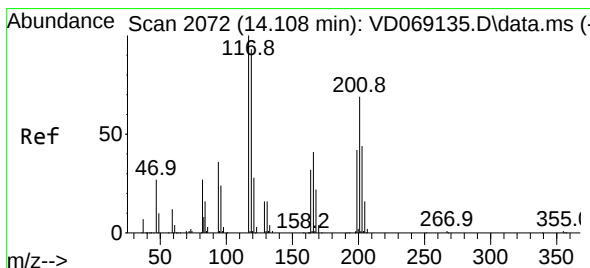
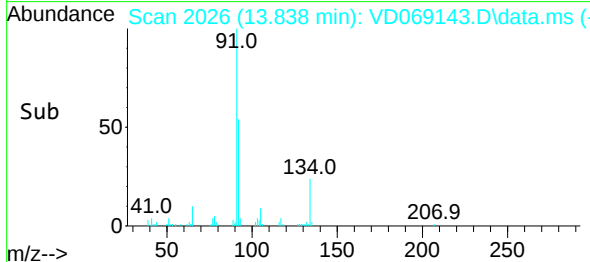
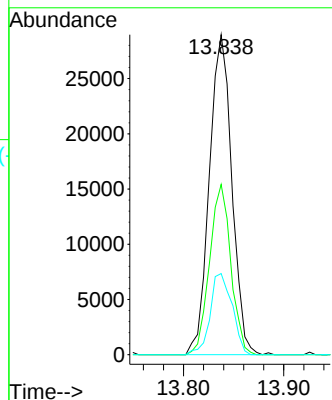
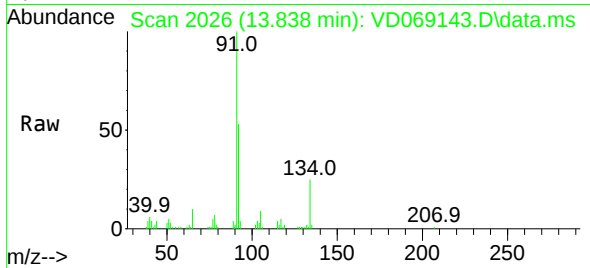




#89
n-Butylbenzene
Concen: 3.61 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

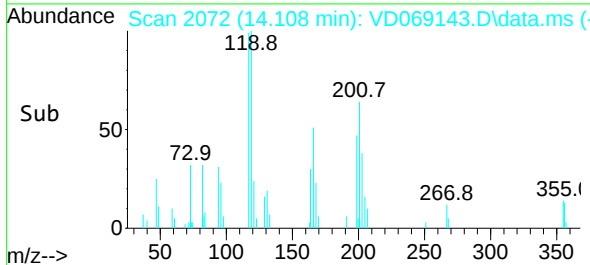
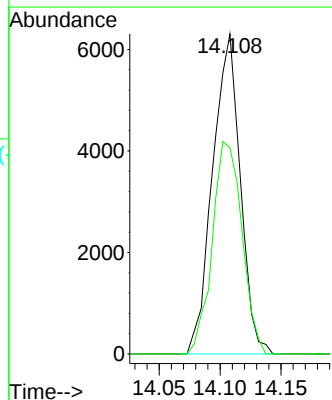
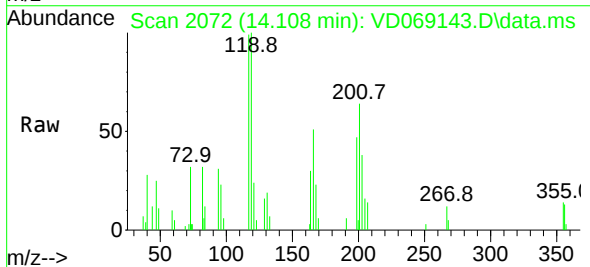
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

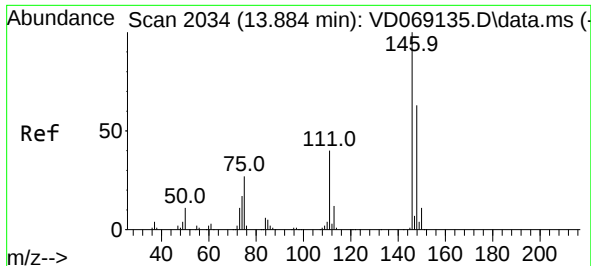
Tgt Ion: 91 Resp: 45177
Ion Ratio Lower Upper
91 100
92 50.3 26.5 79.5
134 24.8 13.0 39.0



#90
Hexachloroethane
Concen: 3.95 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 117 Resp: 9962
Ion Ratio Lower Upper
117 100
201 71.0 35.4 106.1

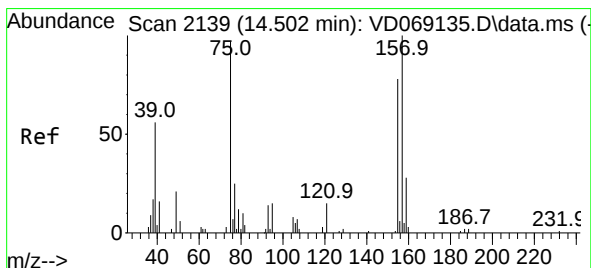
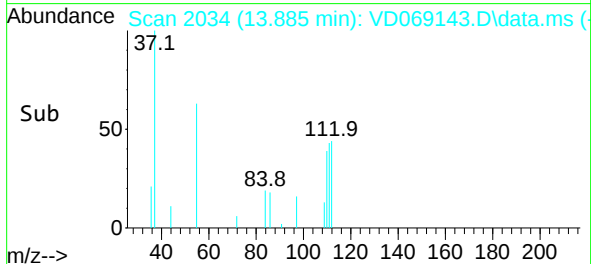
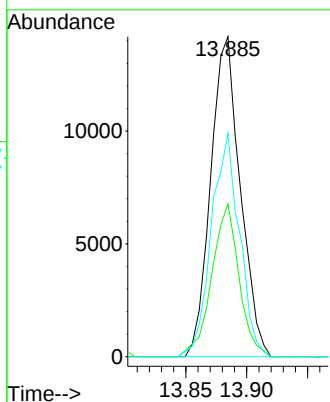
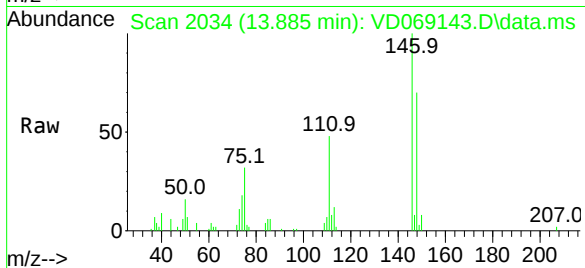




#91
1,2-Dichlorobenzene
Concen: 3.92 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

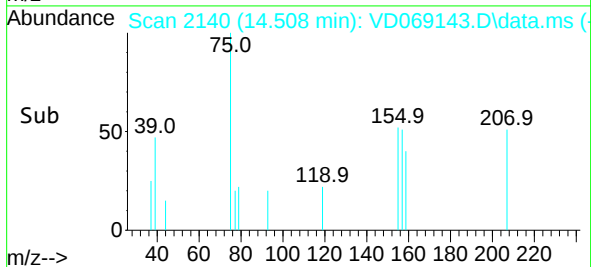
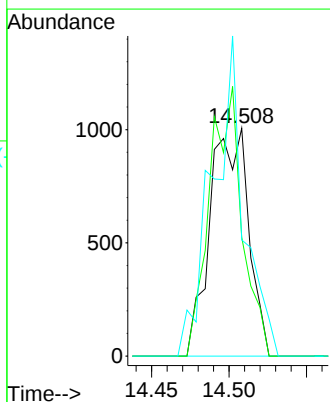
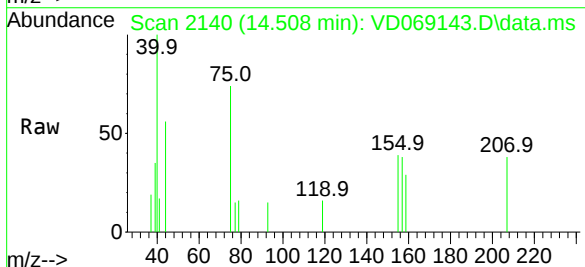
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

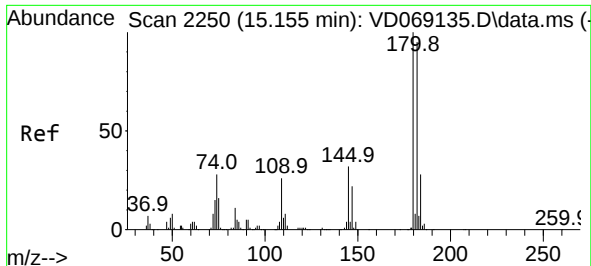
Tgt Ion:146 Resp: 23939
Ion Ratio Lower Upper
146 100
111 44.0 20.3 61.0
148 66.2 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.17 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion: 75 Resp: 1737
Ion Ratio Lower Upper
75 100
155 99.8 43.9 131.7
157 114.0 54.9 164.7

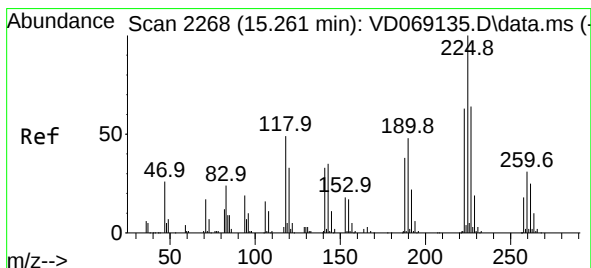
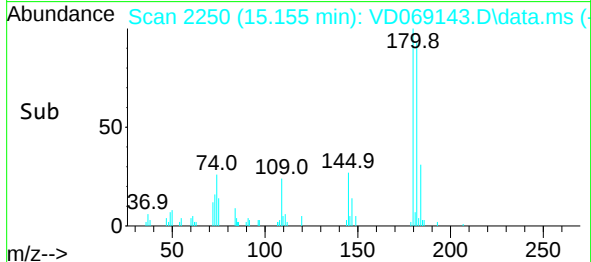
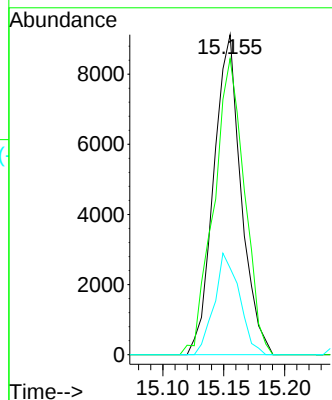
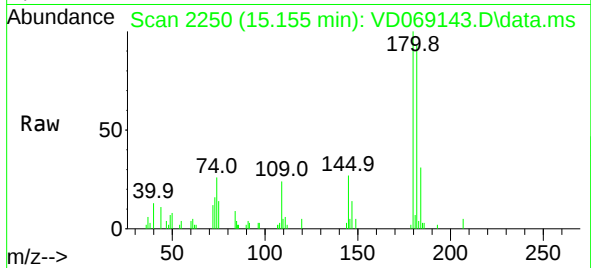




#93
1,2,4-Trichlorobenzene
Concen: 3.82 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

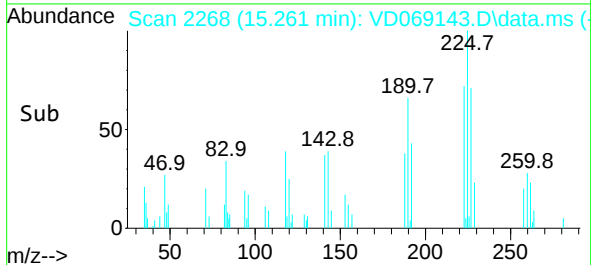
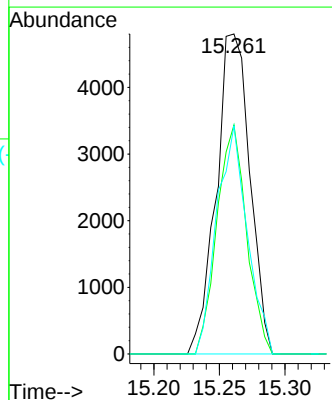
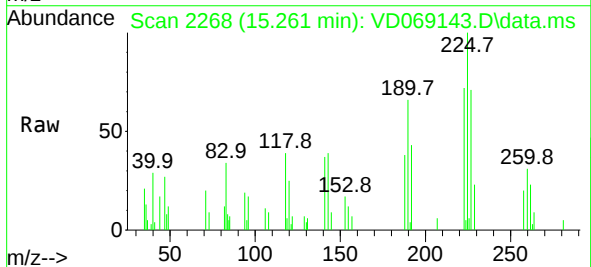
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

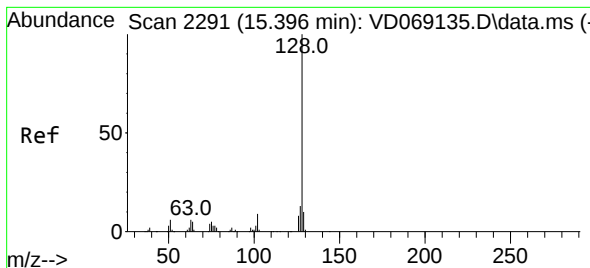
Tgt Ion:	180	Resp:	14309
Ion Ratio	Lower	Upper	
180	100		
182	103.3	47.8	143.3
145	29.0	15.6	46.8



#94
Hexachlorobutadiene
Concen: 3.82 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:	225	Resp:	8572
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.1	93.5
227	64.7	31.6	95.0

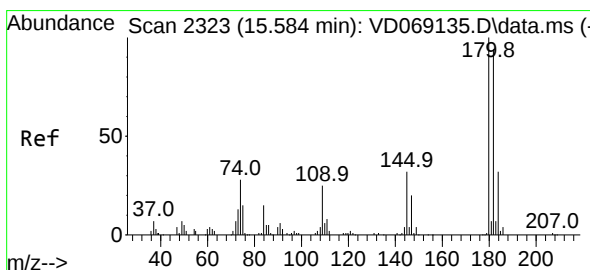
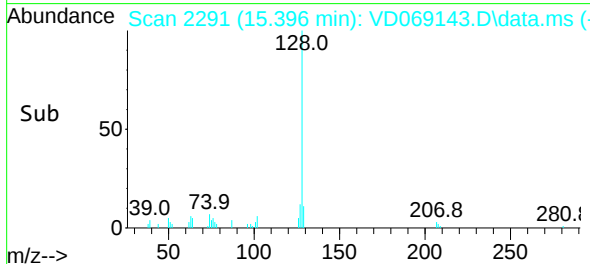
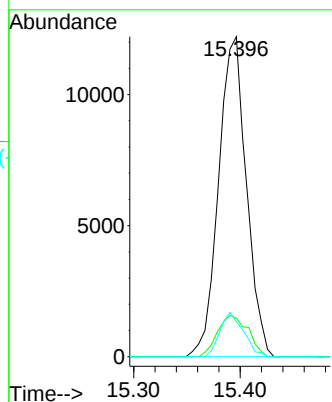
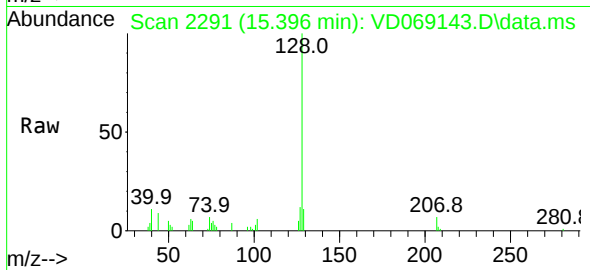




#95
Naphthalene
Concen: 3.52 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	128	Resp:	22075
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.5	15.7
129	11.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.68 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VD069143.D
Acq: 12 May 2021 18:27

Tgt Ion:	180	Resp:	11796
Ion Ratio	Lower	Upper	
180	100		
182	103.8	47.8	143.4
145	35.3	16.1	48.3

