

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069151.D
 Acq On : 13 May 2021 12:24
 Operator : VA/SY
 Sample : M2262-03 2.5PPBMDL
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Quant Time: May 14 02:04:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 14 02:03:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	267131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	461931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	438186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	200877	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145110	54.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.38%
35) Dibromofluoromethane	7.920	113	150488	50.06	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.12%
50) Toluene-d8	10.338	98	546726	49.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.00%
62) 4-Bromofluorobenzene	12.632	95	170147	47.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.74%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	8920	3.14	ug/l	97
3) Chloromethane	2.209	50	10106	3.10	ug/l	92
4) Vinyl Chloride	2.350	62	13017	3.03	ug/l	92
5) Bromomethane	2.773	94	12486	3.86	ug/l	88
6) Chloroethane	2.926	64	9241	3.34	ug/l	92
7) Trichlorofluoromethane	3.273	101	16450	3.13	ug/l	97
8) Diethyl Ether	3.720	74	3437	2.87	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	10216	3.43	ug/l	98
10) Methyl Iodide	4.309	142	6530	2.30	ug/l	94
11) Tert butyl alcohol	5.191	59	8617	47.08	ug/l #	73
12) 1,1-Dichloroethene	4.073	96	8790	3.29	ug/l #	75
13) Acrolein	3.920	56	2358	10.82	ug/l #	82
14) Allyl chloride	4.720	41	7982	2.72	ug/l	91
15) Acrylonitrile	5.432	53	6512	14.56	ug/l #	64
16) Acetone	4.167	43	7629	18.60	ug/l	91
17) Carbon Disulfide	4.415	76	27170	3.07	ug/l #	94
18) Methyl Acetate	4.720	43	1854	1.86	ug/l #	56
19) Methyl tert-butyl Ether	5.485	73	12335	2.54	ug/l	98
20) Methylene Chloride	4.967	84	26965	6.21	ug/l	97
21) trans-1,2-Dichloroethene	5.479	96	9296	2.93	ug/l	94
22) Diisopropyl ether	6.361	45	13741	2.35	ug/l	91
23) Vinyl Acetate	6.309	43	37980	10.99	ug/l	96
24) 1,1-Dichloroethane	6.261	63	15095	2.98	ug/l	98
25) 2-Butanone	7.214	43	8124	14.62	ug/l	96
26) 2,2-Dichloropropane	7.214	77	14722	3.11	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	9354	2.72	ug/l	95
28) Bromochloromethane	7.550	49	5072	2.81	ug/l #	96
29) Tetrahydrofuran	7.561	42	3400	11.25	ug/l #	87
30) Chloroform	7.714	83	17135	3.01	ug/l	88
31) Cyclohexane	7.985	56	16571	4.18	ug/l #	64
32) 1,1,1-Trichloroethane	7.908	97	16612	3.21	ug/l	96
36) 1,1-Dichloropropene	8.108	75	12548	2.79	ug/l	97
37) Ethyl Acetate	7.297	43	4443	3.08	ug/l #	92
38) Carbon Tetrachloride	8.103	117	14742	2.94	ug/l #	85
39) Methylcyclohexane	9.355	83	12935	2.73	ug/l	90
40) Benzene	8.350	78	37149	2.89	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	1873	2.44	ug/l #	13
42) 1,2-Dichloroethane	8.426	62	10442	2.97	ug/l	91
43) Isopropyl Acetate	8.455	43	7008	2.67	ug/l #	58
44) Trichloroethene	9.108	130	10801	3.00	ug/l	76
45) 1,2-Dichloropropane	9.391	63	8405	2.77	ug/l #	87
46) Dibromomethane	9.479	93	5132	2.83	ug/l	99
47) Bromodichloromethane	9.661	83	13275	2.87	ug/l	96
48) Methyl methacrylate	9.455	41	3407	2.81	ug/l #	81
49) 1,4-Dioxane	9.461	88	1305	76.45	ug/l #	76
51) 4-Methyl-2-Pentanone	10.226	43	16733	12.41	ug/l	97
52) Toluene	10.402	92	22320	2.69	ug/l	91
53) t-1,3-Dichloropropene	10.620	75	10441	2.57	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	13185	2.72	ug/l #	90
55) 1,1,2-Trichloroethane	10.797	97	6610	2.70	ug/l	93
56) Ethyl methacrylate	10.661	69	5602	2.29	ug/l	92
57) 1,3-Dichloropropane	10.944	76	10972	2.78	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.938	63	14731	12.16	ug/l	97
59) 2-Hexanone	10.979	43	10820	12.03	ug/l	91
60) Dibromochloromethane	11.144	129	8503	2.71	ug/l	92
61) 1,2-Dibromoethane	11.244	107	6713	2.78	ug/l	97
64) Tetrachloroethene	10.873	164	9584	3.15	ug/l	85
65) Chlorobenzene	11.667	112	26532	2.92	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	9285	2.71	ug/l	90
67) Ethyl Benzene	11.744	91	39034	2.50	ug/l #	87
68) m/p-Xylenes	11.855	106	29230	4.77	ug/l	99
69) o-Xylene	12.179	106	12309	2.26	ug/l	93
70) Styrene	12.191	104	20664	2.17	ug/l	98
71) Bromoform	12.361	173	4861	2.73	ug/l #	96
73) Isopropylbenzene	12.479	105	34514	2.46	ug/l	99
74) N-amyl acetate	12.285	43	5370	2.34	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.726	83	6886	2.71	ug/l	89
76) 1,2,3-Trichloropropane	12.773	75	8806	5.83	ug/l #	100
77) Bromobenzene	12.755	156	9662	2.90	ug/l	96
78) n-propylbenzene	12.814	91	47571	2.81	ug/l	99
79) 2-Chlorotoluene	12.908	91	26643	2.83	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	29580	2.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	85579	114.48	ug/l #	14
82) 4-Chlorotoluene	13.002	91	26709	2.66	ug/l	100
83) tert-Butylbenzene	13.220	119	23737	2.46	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	27615	2.37	ug/l	100
85) sec-Butylbenzene	13.396	105	37557	2.59	ug/l	98
86) p-Isopropyltoluene	13.508	119	28446	2.23	ug/l	97
87) 1,3-Dichlorobenzene	13.514	146	19372	2.87	ug/l	97
88) 1,4-Dichlorobenzene	13.596	146	20898	3.13	ug/l	82
89) n-Butylbenzene	13.838	91	29088	2.45	ug/l	98
90) Hexachloroethane	14.102	117	7174	3.00	ug/l	87
91) 1,2-Dichlorobenzene	13.885	146	15622	2.70	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1323	3.35	ug/l	67
93) 1,2,4-Trichlorobenzene	15.155	180	10656	3.00	ug/l	100
94) Hexachlorobutadiene	15.255	225	6135	2.88	ug/l	98
95) Naphthalene	15.390	128	14644	2.46	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.590	180	8191	2.70	ug/l	92

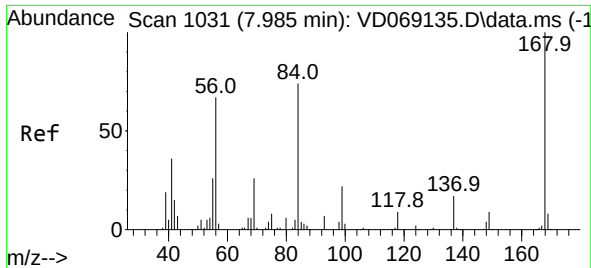
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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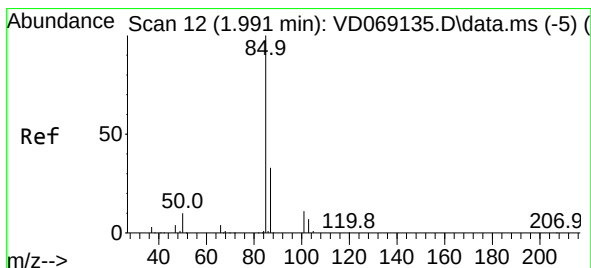
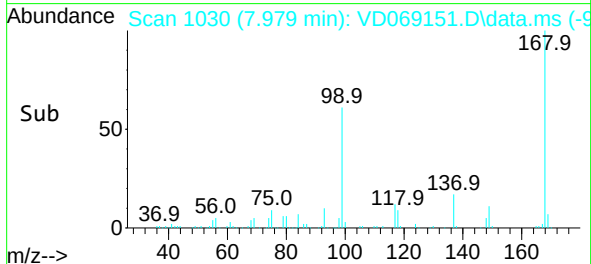
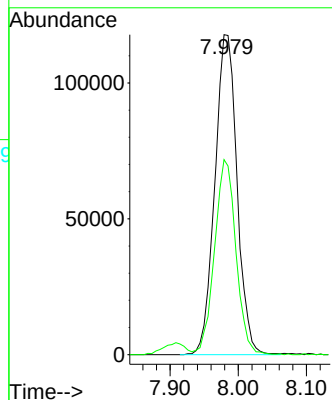
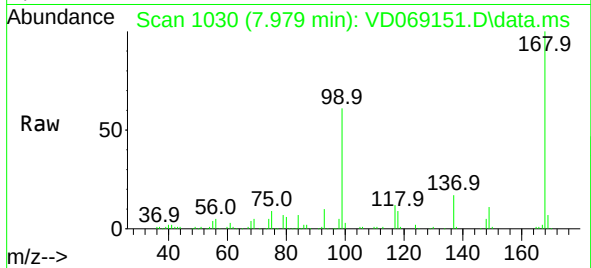
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

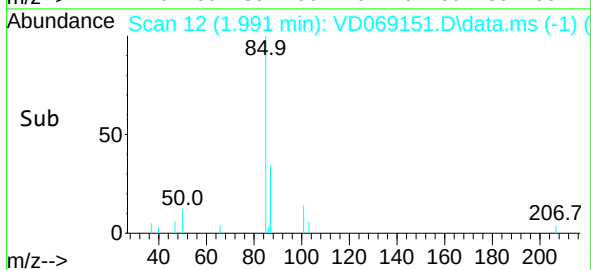
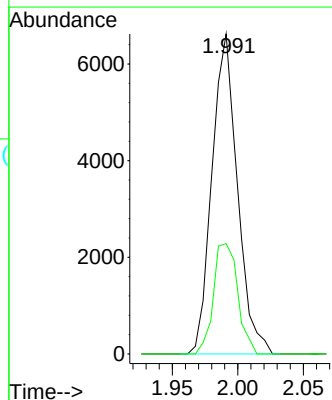
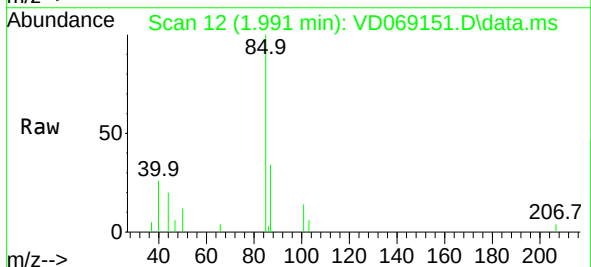
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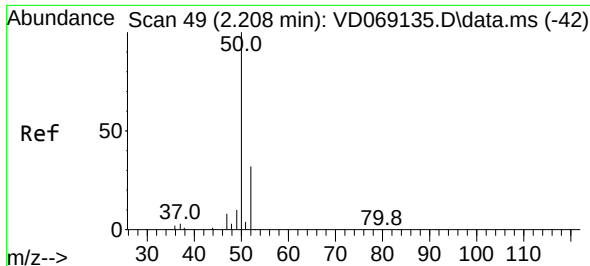
Tgt Ion:168 Resp: 267131
Ion Ratio Lower Upper
168 100
99 60.7 47.2 70.8



#2
Dichlorodifluoromethane
Concen: 3.14 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 85 Resp: 8920
Ion Ratio Lower Upper
85 100
87 34.5 16.5 49.5

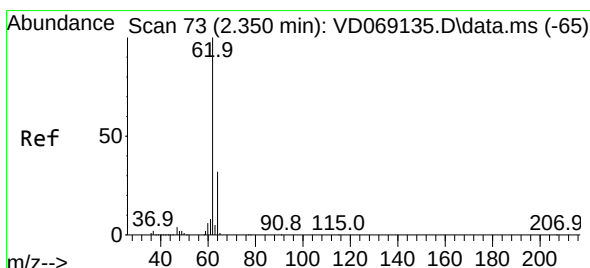
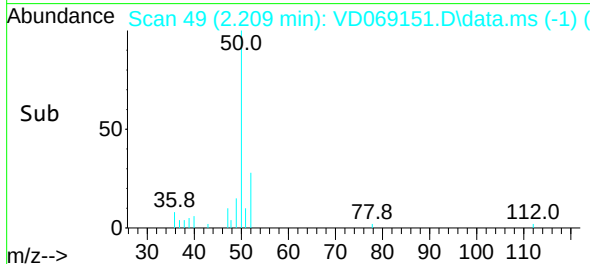
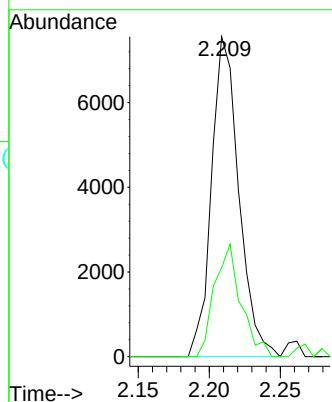
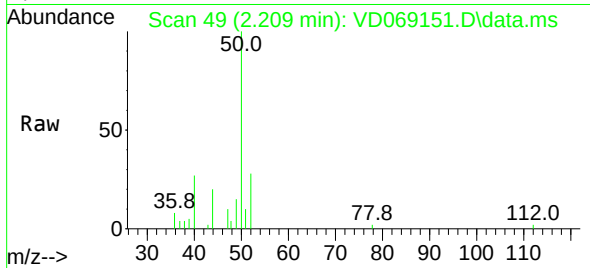




#3
Chloromethane
Concen: 3.10 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

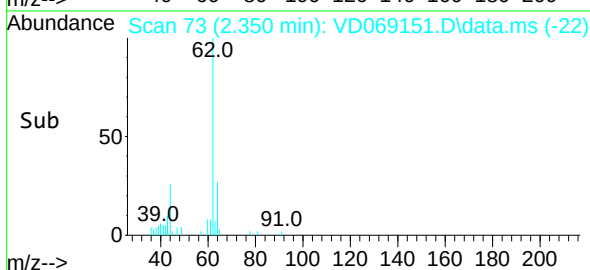
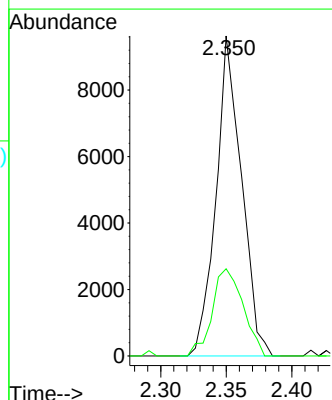
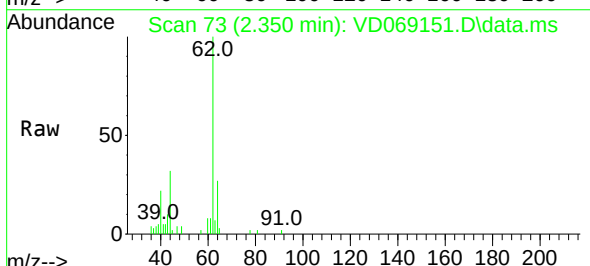
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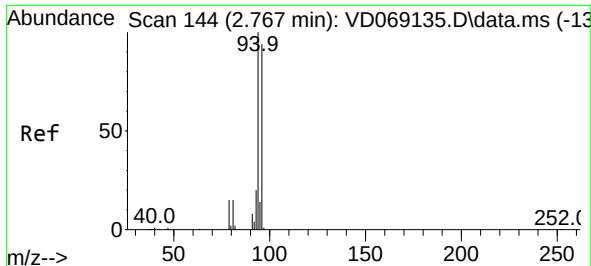
Tgt Ion: 50 Resp: 10106
Ion Ratio Lower Upper
50 100
52 27.8 25.8 38.8



#4
Vinyl Chloride
Concen: 3.03 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 62 Resp: 13017
Ion Ratio Lower Upper
62 100
64 27.3 25.3 37.9

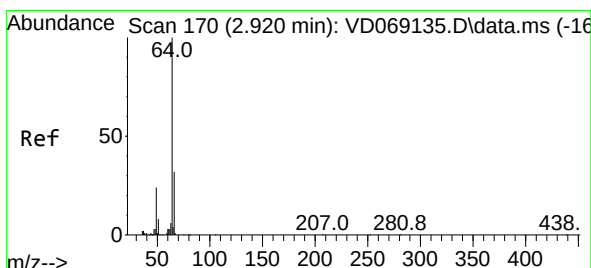
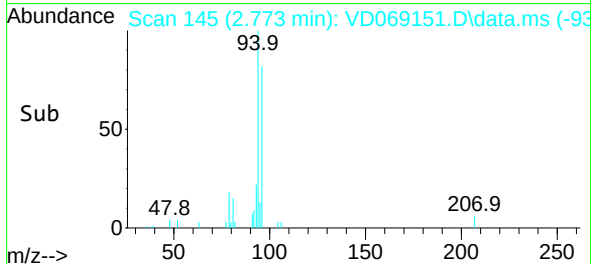
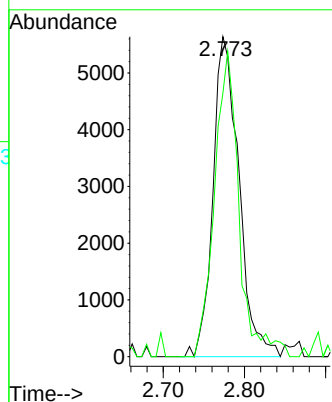
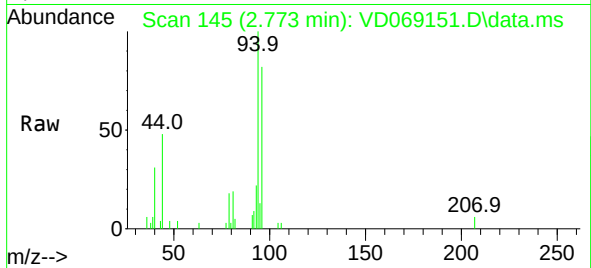




#5
Bromomethane
Concen: 3.86 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

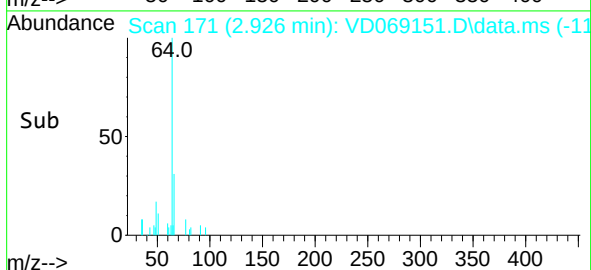
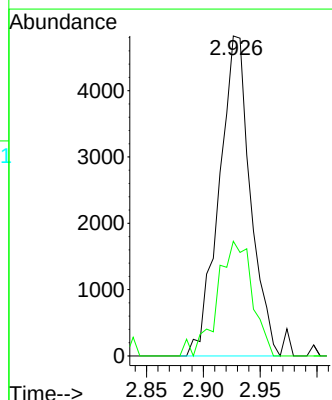
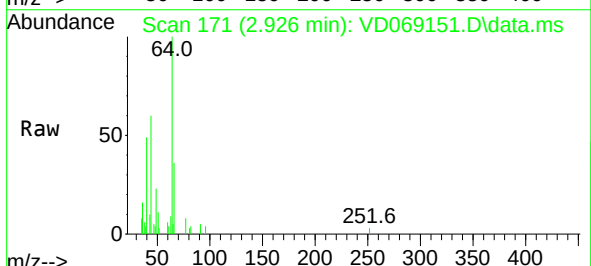
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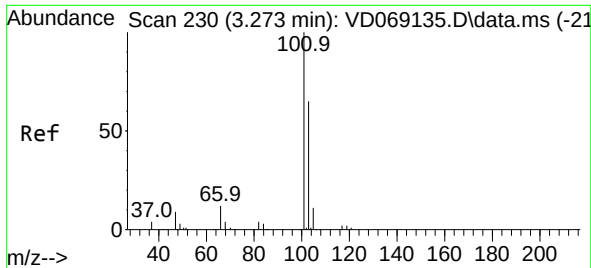
Tgt Ion: 94 Resp: 12486
Ion Ratio Lower Upper
94 100
96 82.4 75.4 113.0



#6
Chloroethane
Concen: 3.34 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 64 Resp: 9241
Ion Ratio Lower Upper
64 100
66 35.8 25.2 37.8

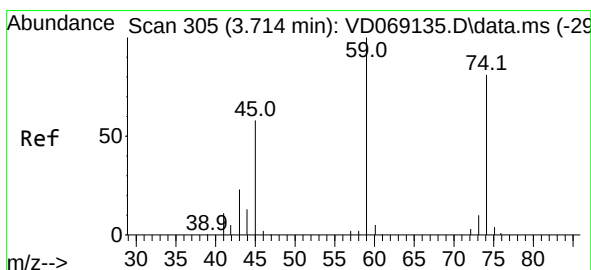
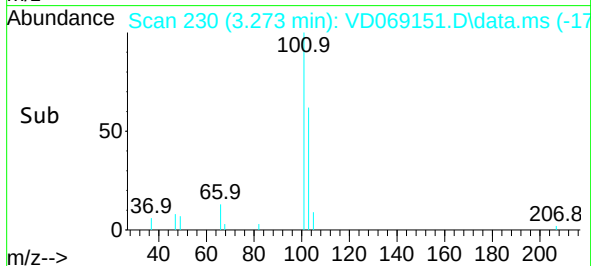
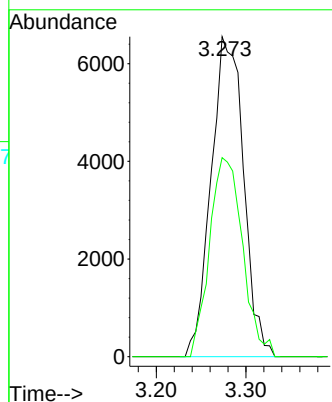
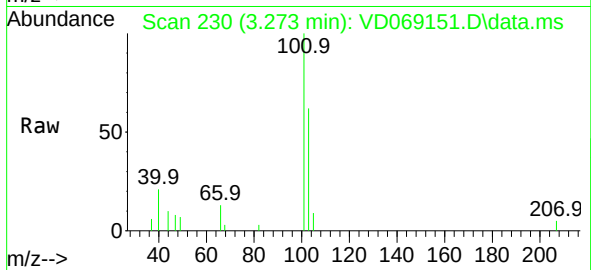




#7
Trichlorofluoromethane
Concen: 3.13 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

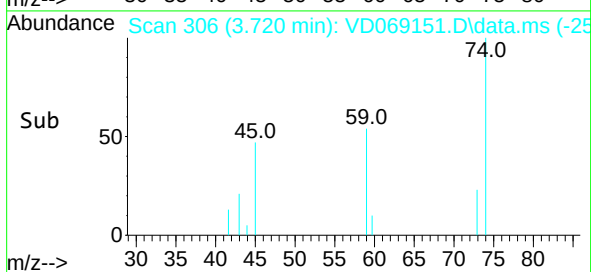
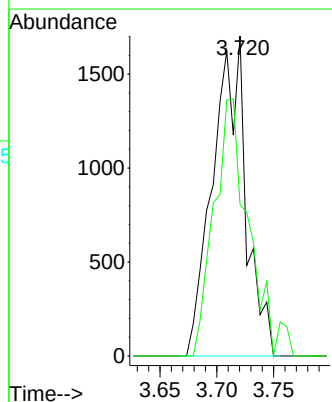
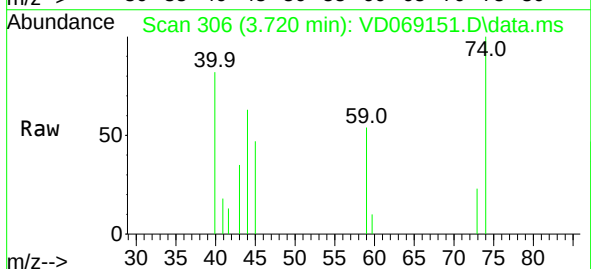
Instrument :
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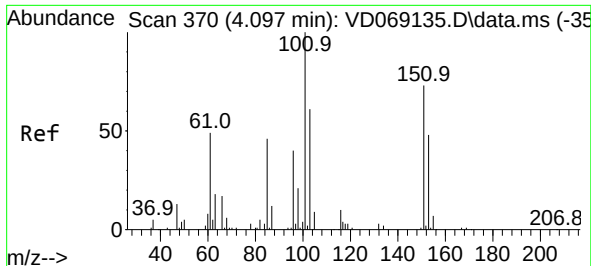
Tgt Ion:101 Resp: 16450
Ion Ratio Lower Upper
101 100
103 62.2 51.9 77.9



#8
Diethyl Ether
Concen: 2.87 ug/l
RT: 3.720 min Scan# 306
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

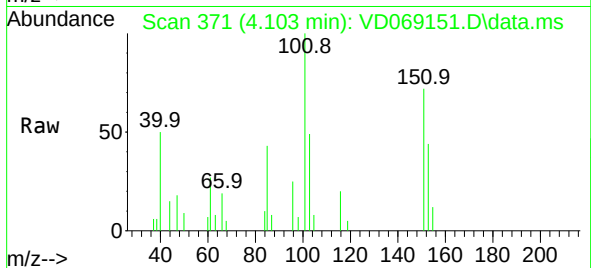
Tgt Ion: 74 Resp: 3437
Ion Ratio Lower Upper
74 100
45 84.8 38.1 114.5



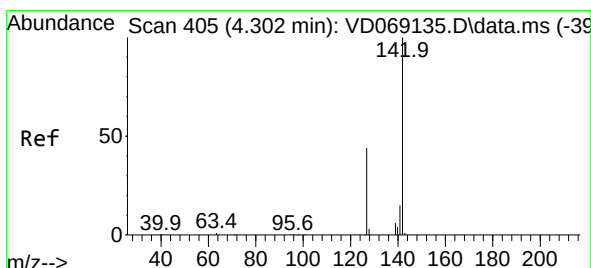
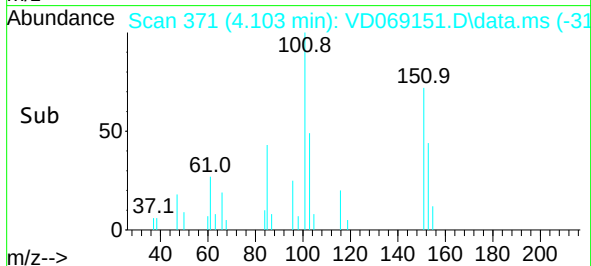
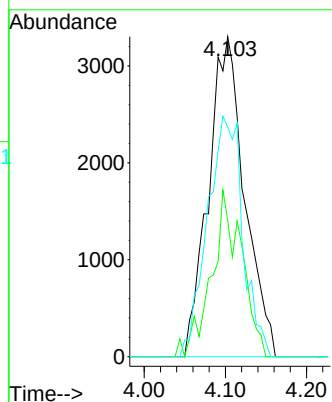


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.43 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD069151.D
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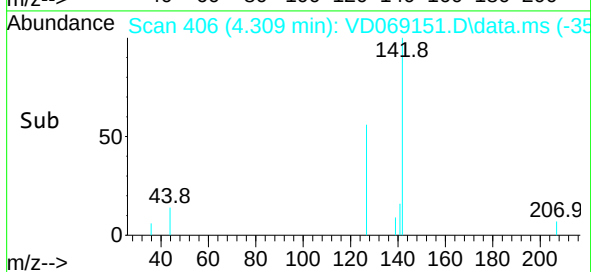
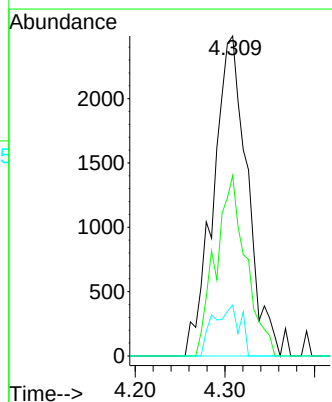
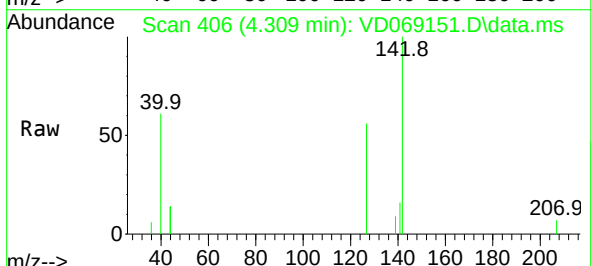


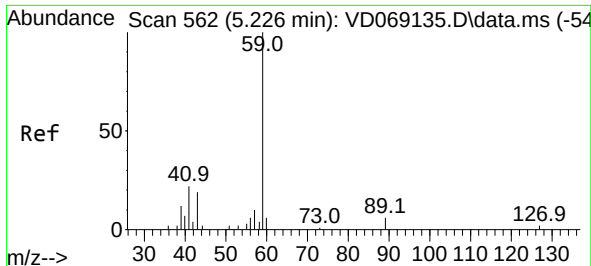
Tgt Ion	101	Resp:	10216
Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.2	52.8
151	73.5	60.6	91.0



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.007 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion	142	Resp:	6530
Ion	Ratio	Lower	Upper
142	100		
127	50.4	37.3	55.9
141	12.6	12.2	18.4





#11

Tert butyl alcohol

Concen: 47.08 ug/l

RT: 5.191 min Scan# 556

Delta R.T. -0.035 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Instrument :

MSVOA_D

ClientSampleId :

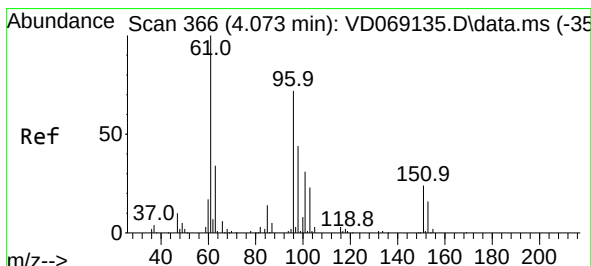
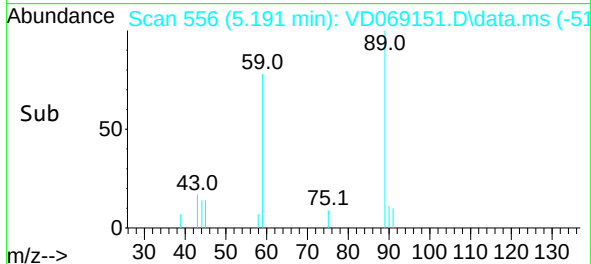
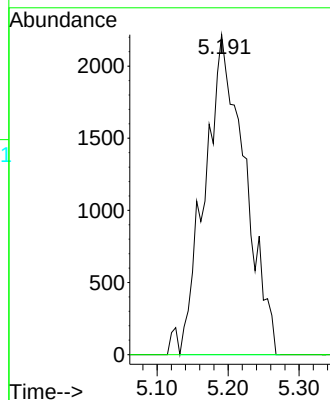
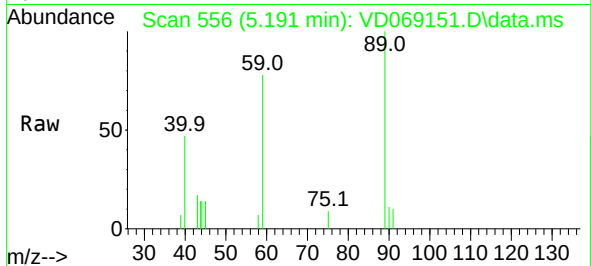
MDL-SOIL-03-QT2-2021

Tgt Ion: 59 Resp: 8617

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 3.29 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

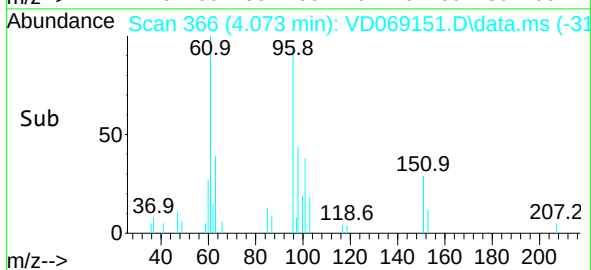
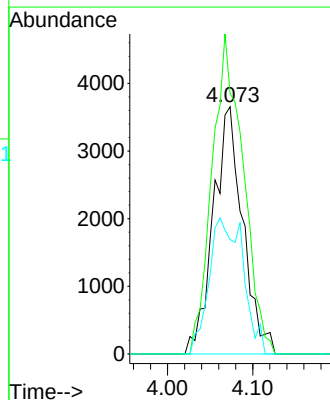
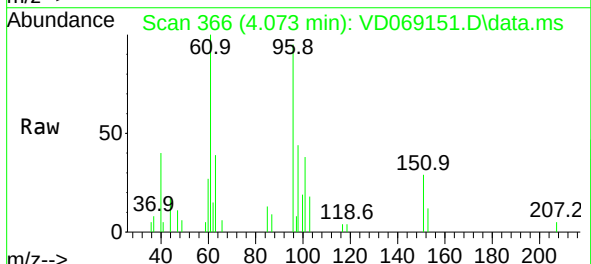
Tgt Ion: 96 Resp: 8790

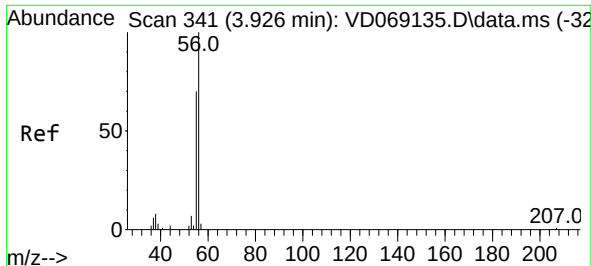
Ion Ratio Lower Upper

96 100

61 105.4 111.1 166.7#

98 46.3 48.4 72.6#

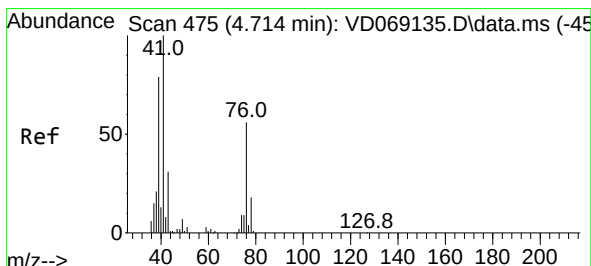
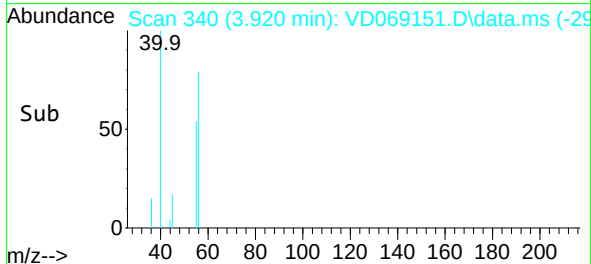
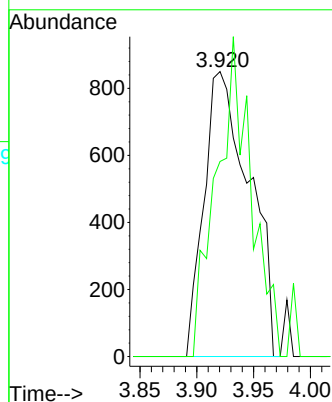
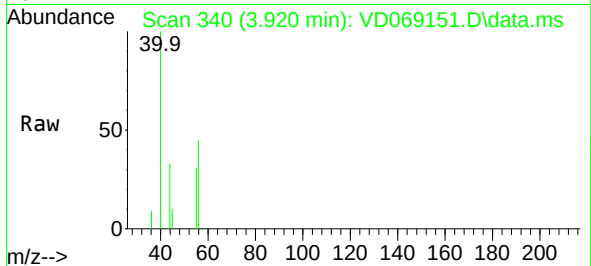




#13
Acrolein
Concen: 10.82 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

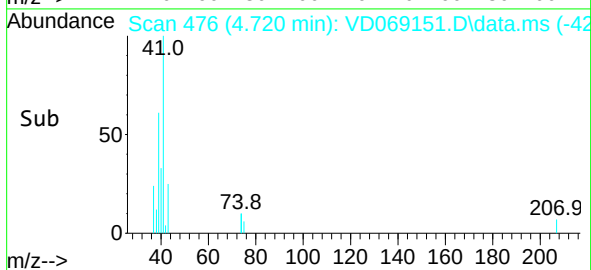
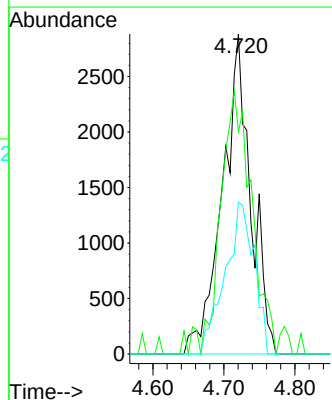
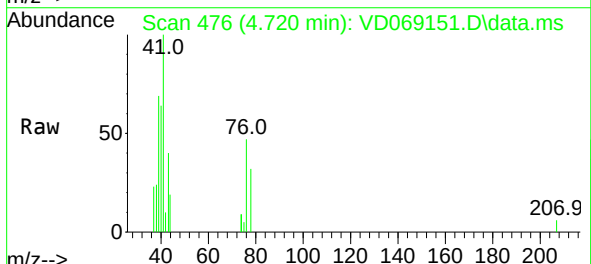
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

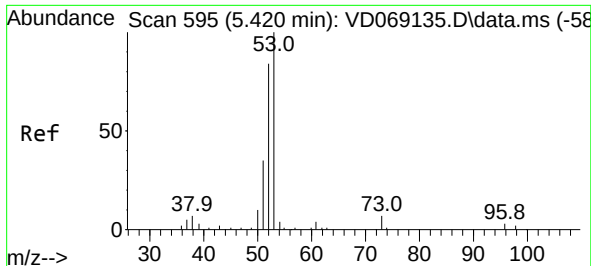
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
55 86.3 56.9 85.3#



#14
Allyl chloride
Concen: 2.72 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 41 Resp: 7982
Ion Ratio Lower Upper
41 100
39 88.6 64.3 96.5
76 48.6 43.6 65.4

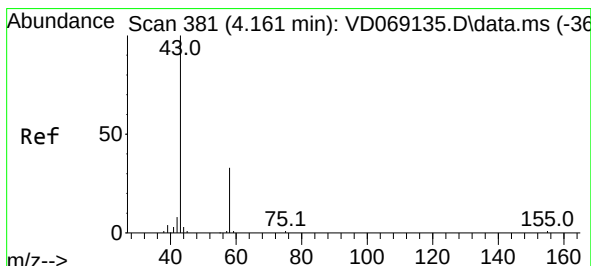
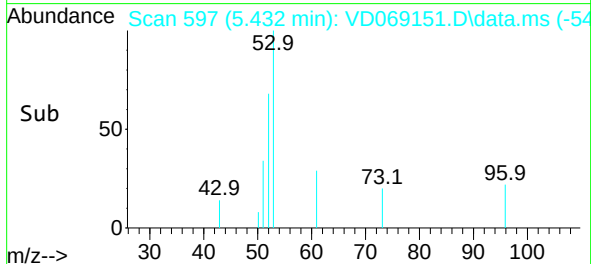
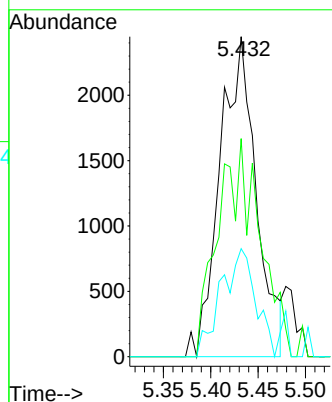
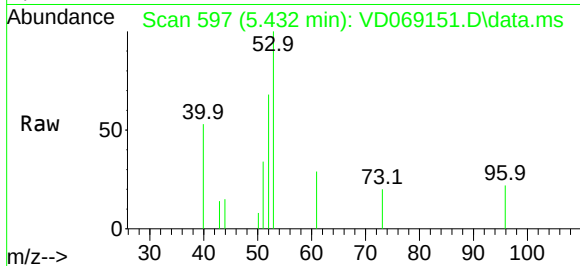




#15
Acrylonitrile
Concen: 14.56 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.012 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

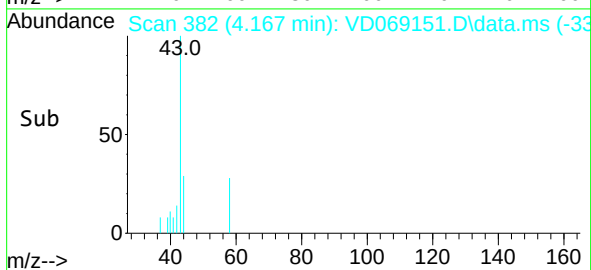
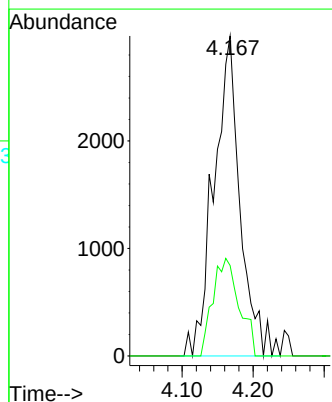
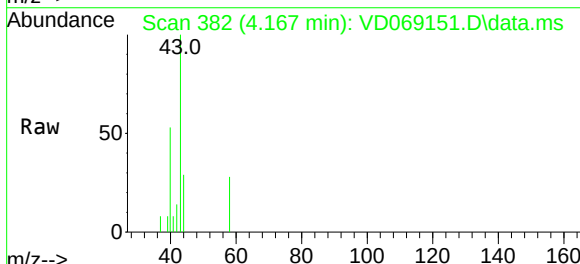
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

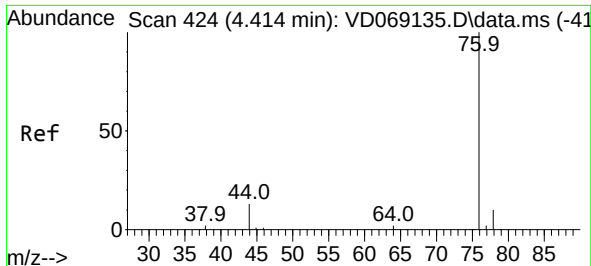
Tgt Ion: 53 Resp: 6512
Ion Ratio Lower Upper
53 100
52 37.2 64.5 96.7#
51 32.2 30.4 45.6



#16
Acetone
Concen: 18.60 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

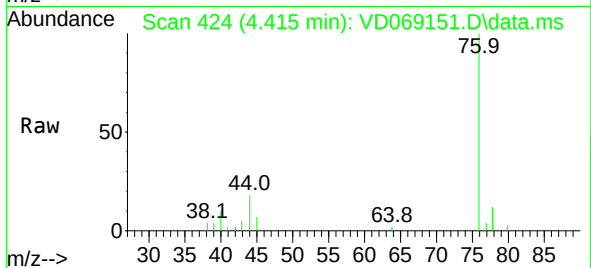
Tgt Ion: 43 Resp: 7629
Ion Ratio Lower Upper
43 100
58 28.3 26.7 40.1



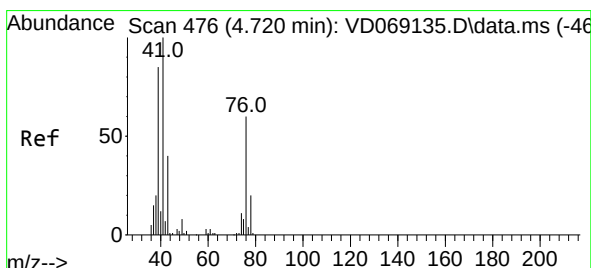
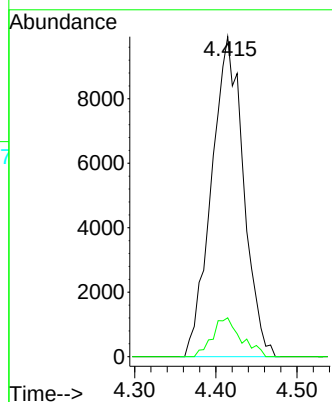
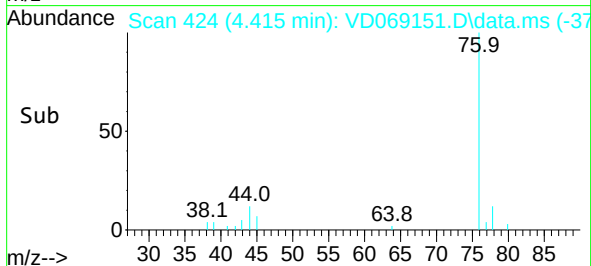


#17
Carbon Disulfide
Concen: 3.07 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

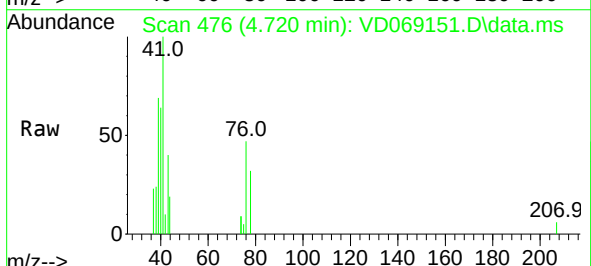
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



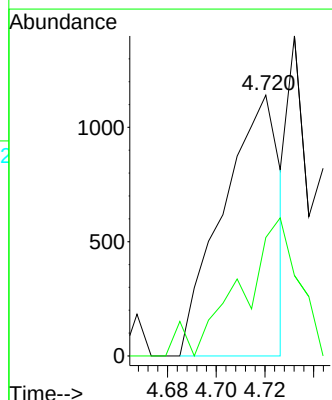
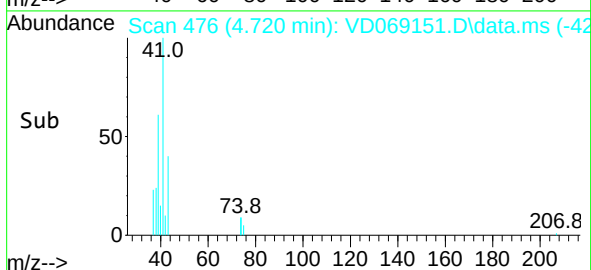
Tgt Ion: 76 Resp: 27170
Ion Ratio Lower Upper
76 100
78 12.1 8.1 12.1#

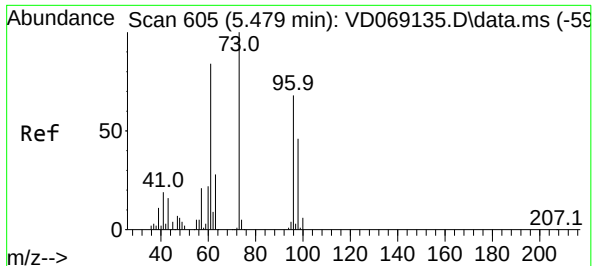


#18
Methyl Acetate
Concen: 1.86 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24



Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
74 53.6 23.8 35.6#

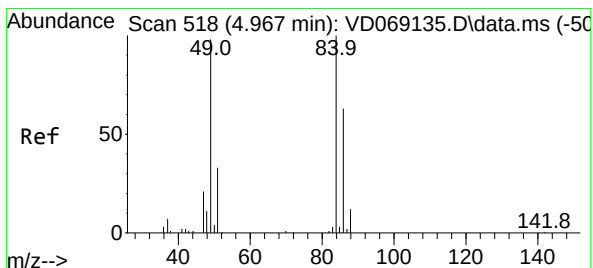
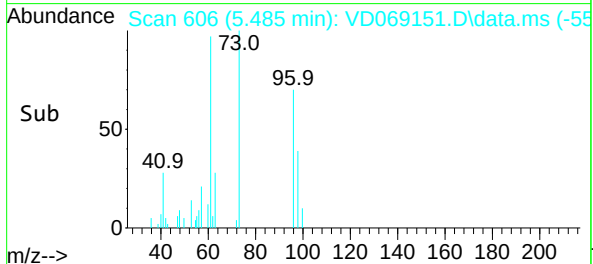
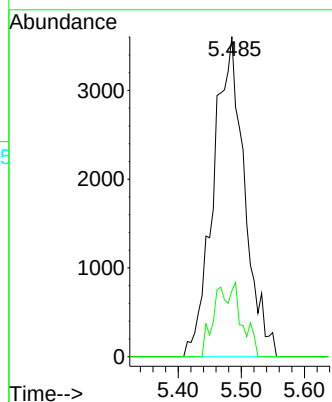
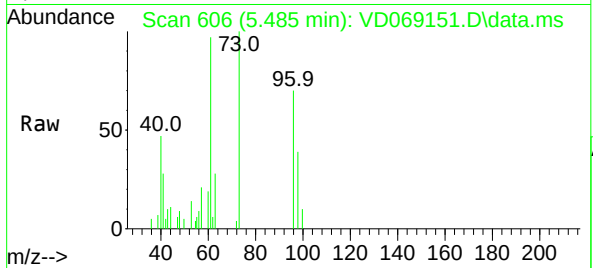




#19
Methyl tert-butyl Ether
Concen: 2.54 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

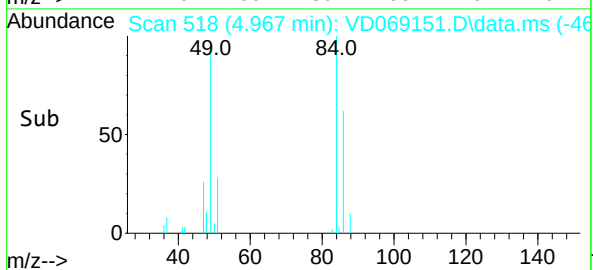
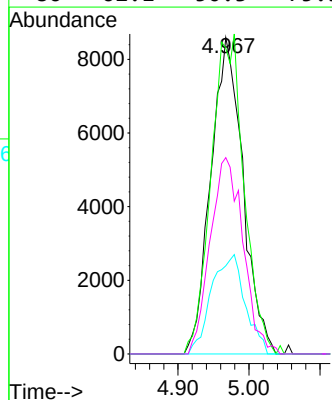
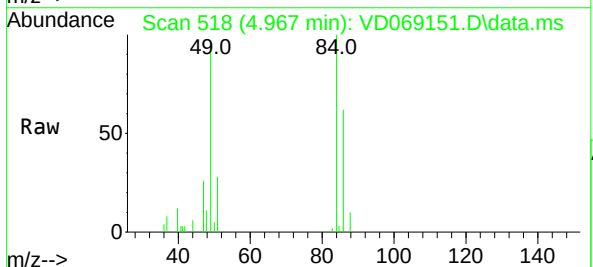
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

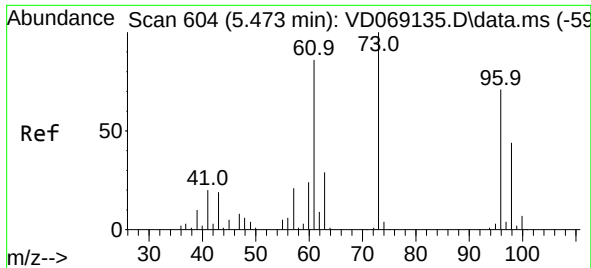
Tgt Ion: 73 Resp: 12335
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7



#20
Methylene Chloride
Concen: 6.21 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 84 Resp: 26965
Ion Ratio Lower Upper
84 100
49 96.7 78.6 117.8
51 27.9 26.7 40.1
86 62.1 50.3 75.5

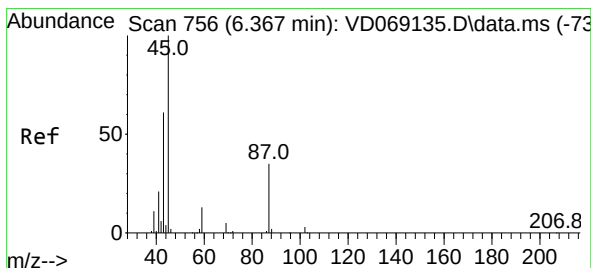
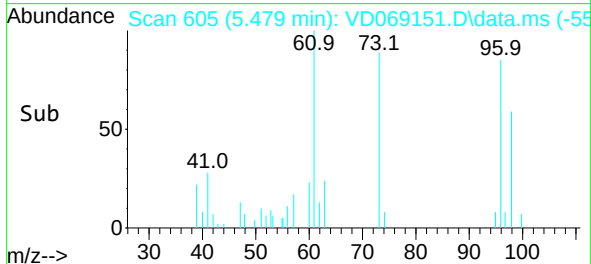
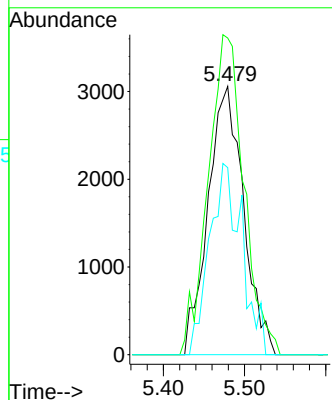
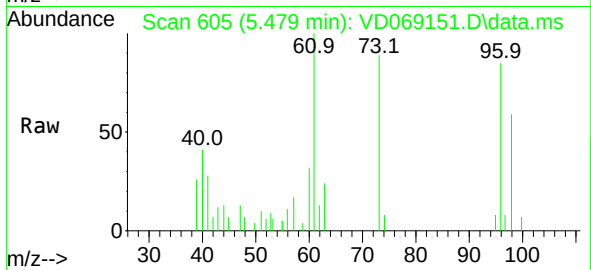




#21
trans-1,2-Dichloroethene
Concen: 2.93 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

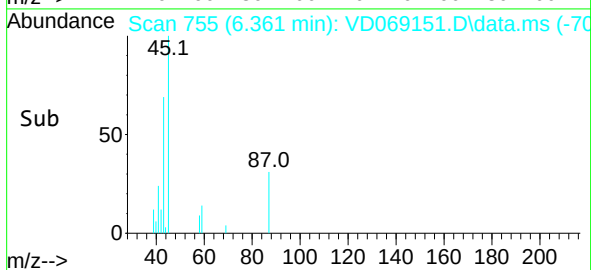
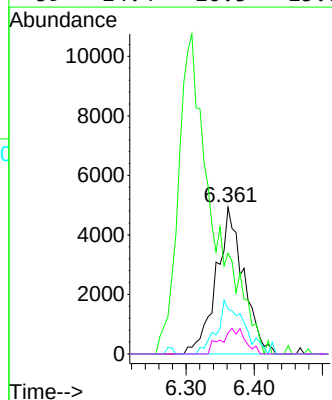
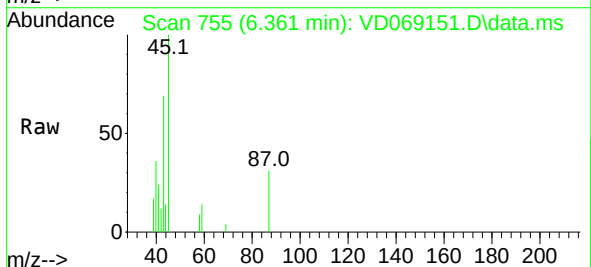
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

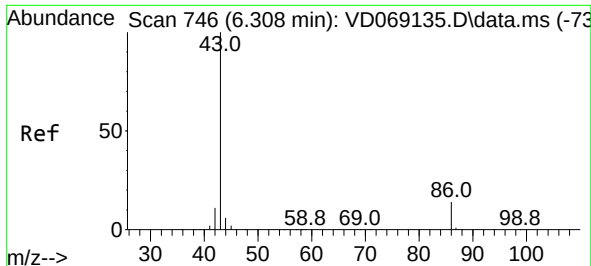
Tgt Ion: 96 Resp: 9296
Ion Ratio Lower Upper
96 100
61 118.0 97.7 146.5
98 69.7 49.4 74.2



#22
Diisopropyl ether
Concen: 2.35 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 45 Resp: 13741
Ion Ratio Lower Upper
45 100
43 68.7 48.6 73.0
87 30.6 28.5 42.7
59 14.4 10.5 15.7

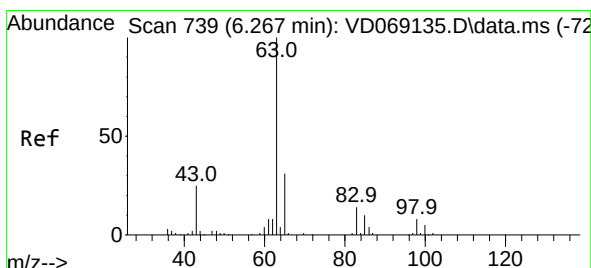
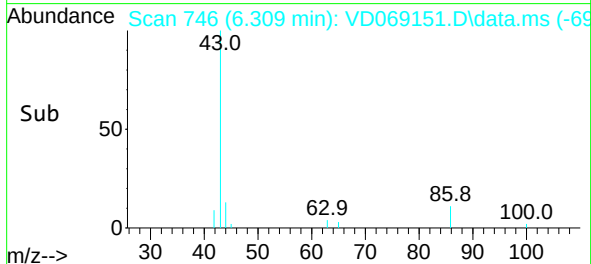
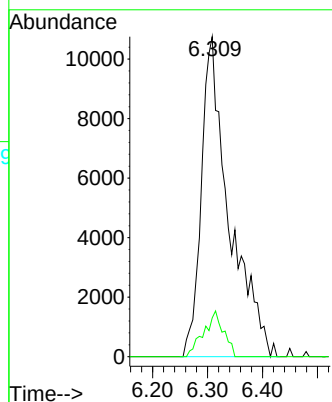
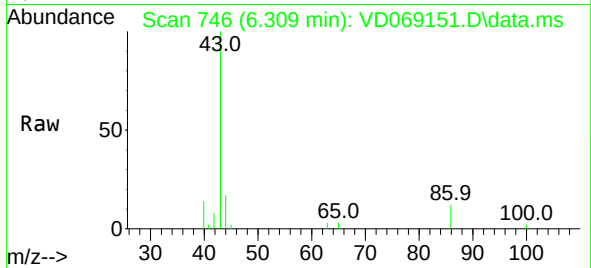




#23
 Vinyl Acetate
 Concen: 10.99 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069151.D
 Acq: 13 May 2021 12:24

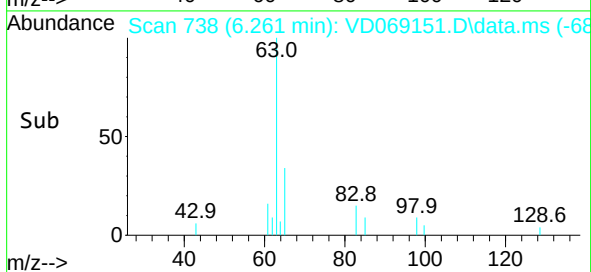
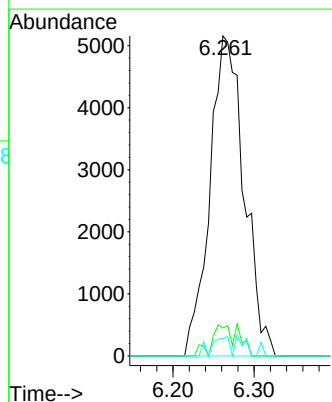
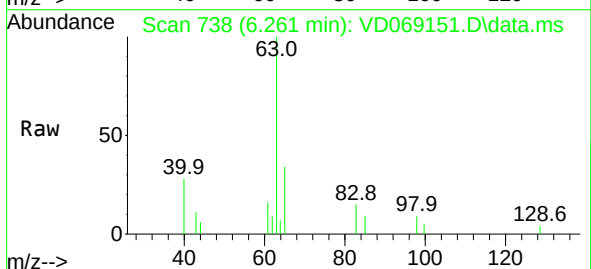
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

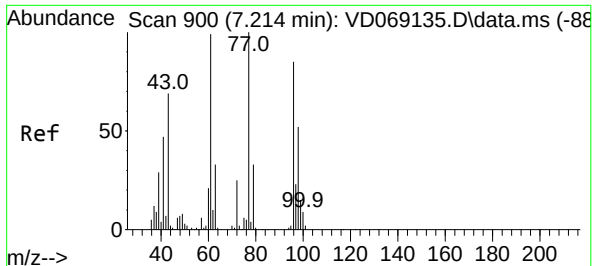
Tgt Ion: 43 Resp: 37980
 Ion Ratio Lower Upper
 43 100
 86 12.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 2.98 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069151.D
 Acq: 13 May 2021 12:24

Tgt Ion: 63 Resp: 15095
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.5
 100 5.4 2.5 7.6





#25

2-Butanone

Concen: 14.62 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069151.D

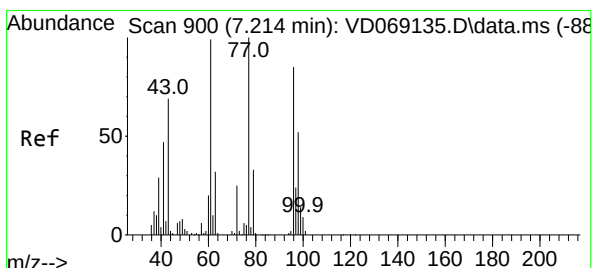
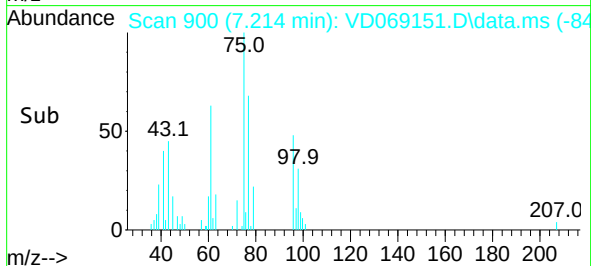
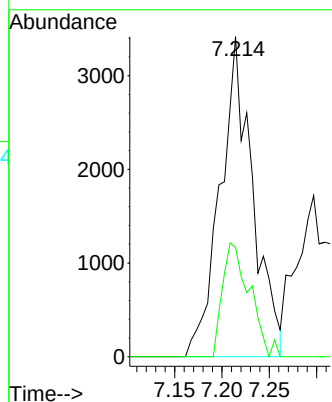
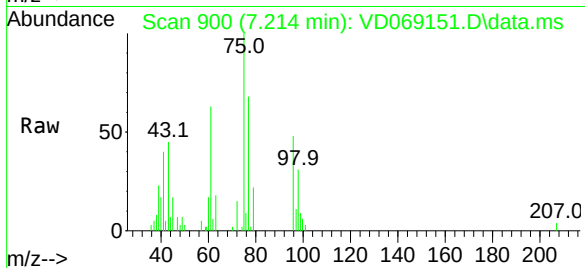
Acq: 13 May 2021 12:24

Tgt Ion: 43 Resp: 8124

Ion Ratio Lower Upper

43 100

72 34.2 29.1 43.7



#26

2,2-Dichloropropane

Concen: 3.11 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069151.D

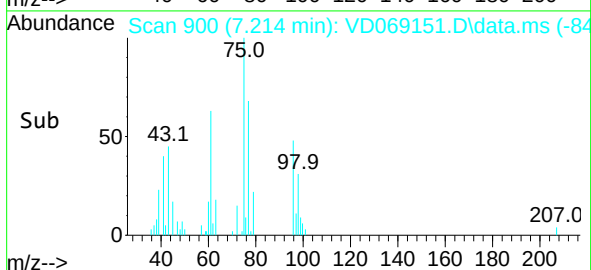
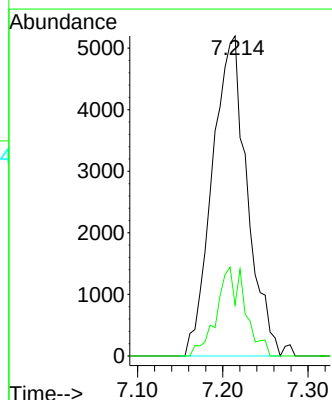
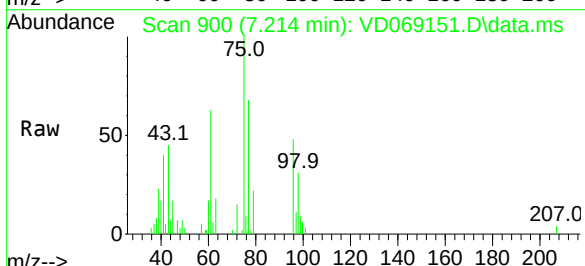
Acq: 13 May 2021 12:24

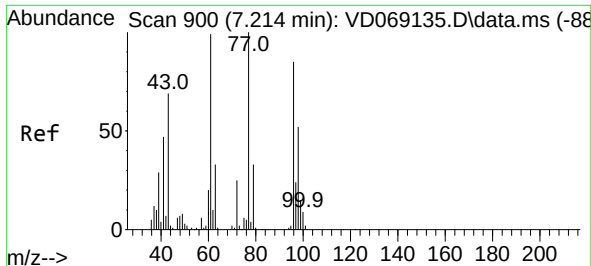
Tgt Ion: 77 Resp: 14722

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 2.72 ug/l

RT: 7.214 min Scan# 900

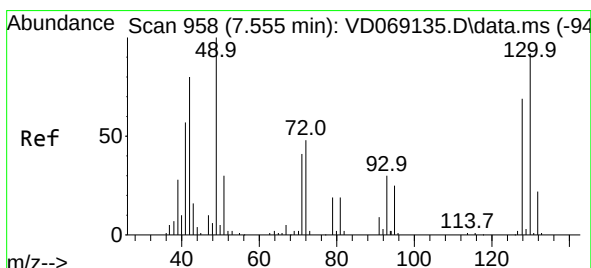
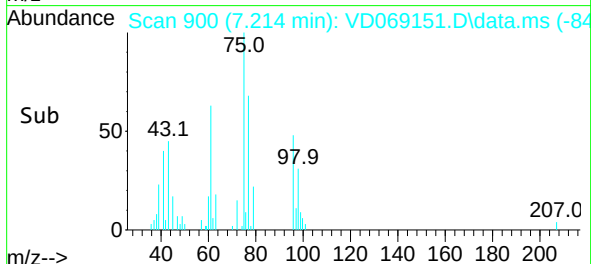
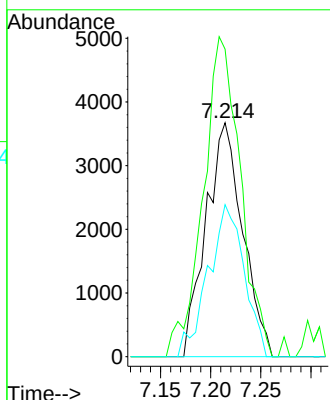
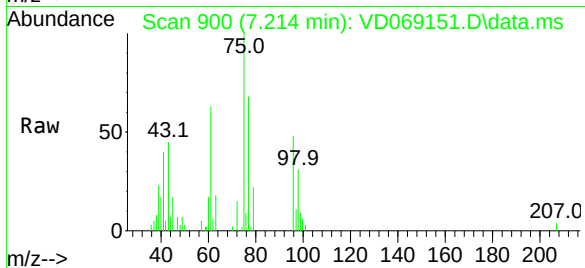
Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion:	96	Resp:	9354
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	263.8
98	63.5	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



#28

Bromochloromethane

Concen: 2.81 ug/l

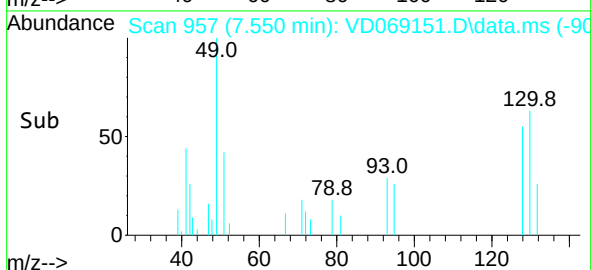
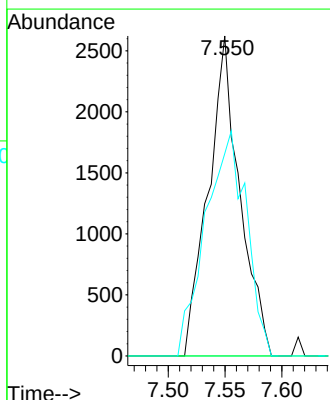
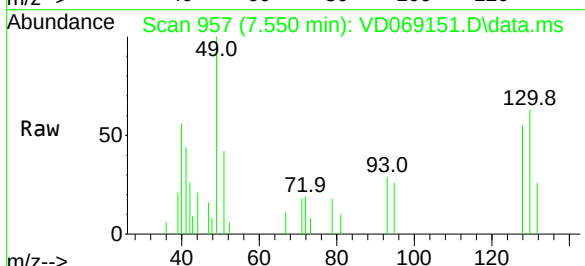
RT: 7.550 min Scan# 957

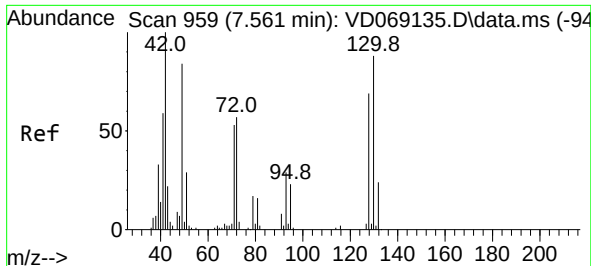
Delta R.T. -0.006 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion:	49	Resp:	5072
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	90.7	75.8	113.6





#29

Tetrahydrofuran

Concen: 11.25 ug/l

RT: 7.561 min Scan# 959

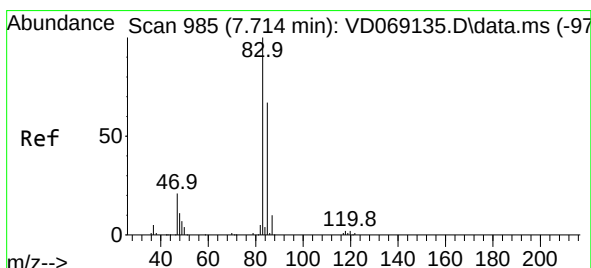
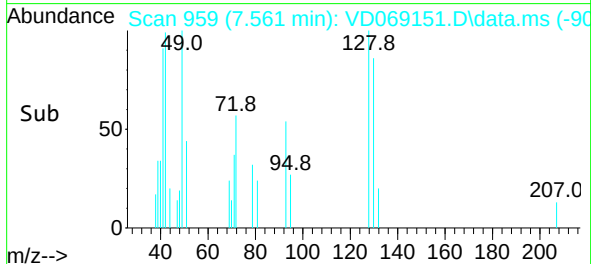
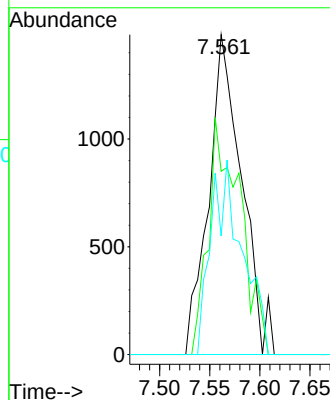
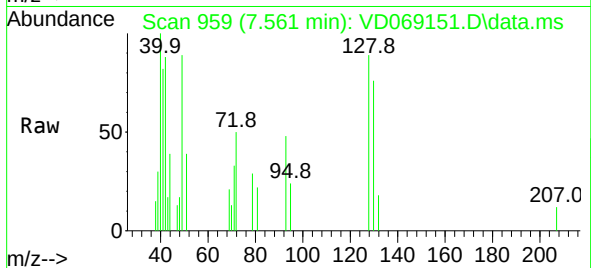
Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion:	42	Resp:	3400
Ion	Ratio	Lower	Upper
42	100		
72	71.9	45.9	68.9#
71	57.4	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



#30

Chloroform

Concen: 3.01 ug/l

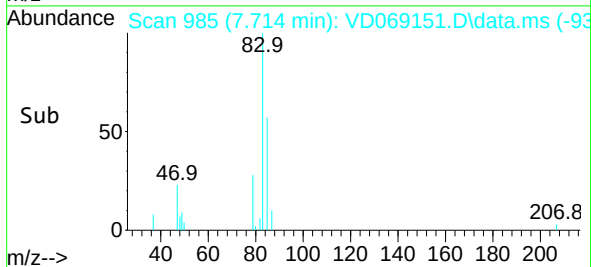
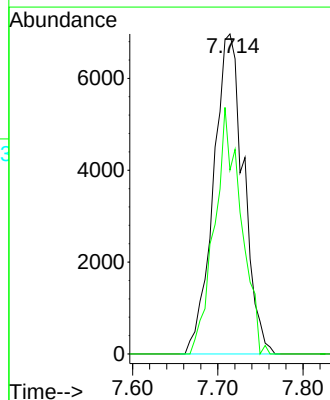
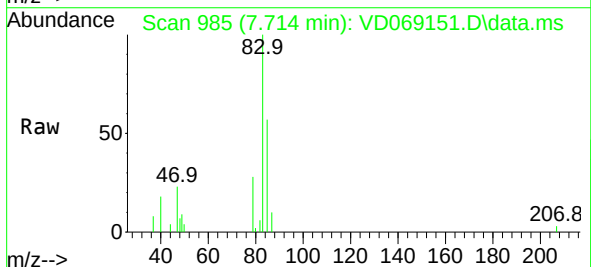
RT: 7.714 min Scan# 985

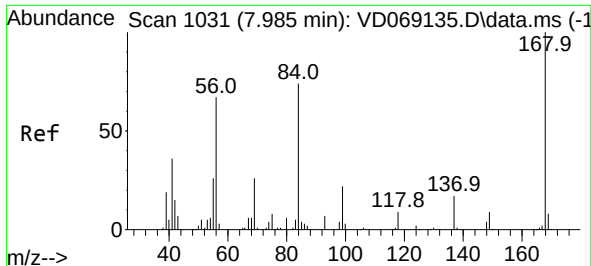
Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion:	83	Resp:	17135
Ion	Ratio	Lower	Upper
83	100		
85	57.5	54.0	81.0

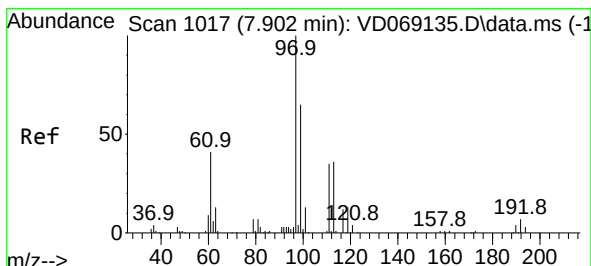
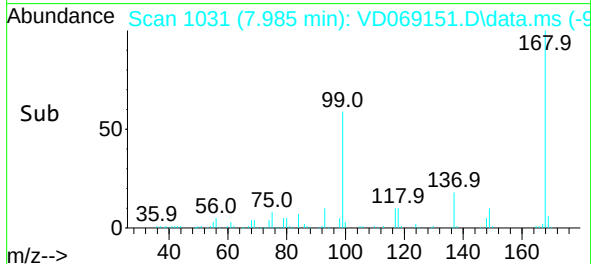
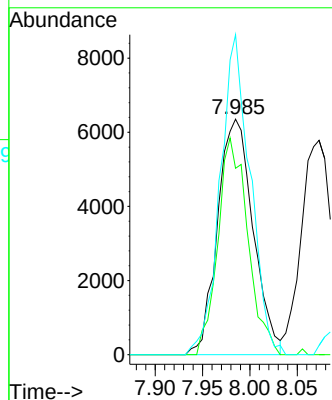
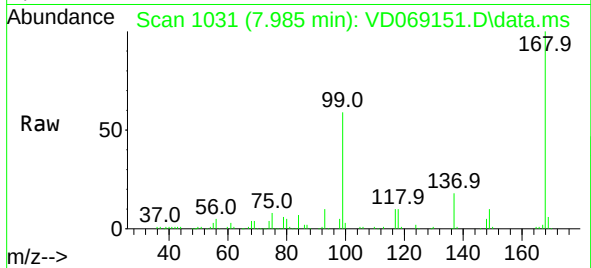




#31
Cyclohexane
Concen: 4.18 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

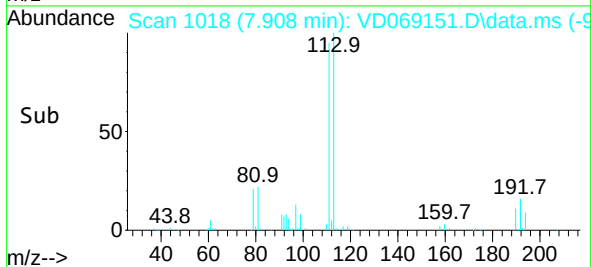
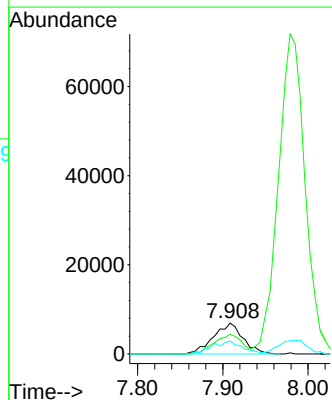
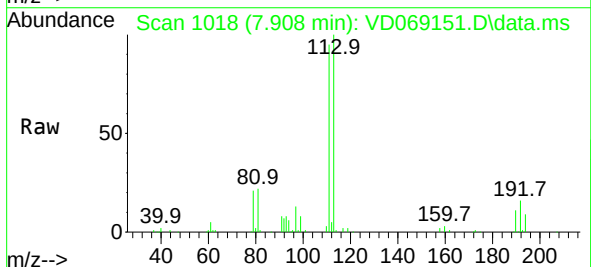
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

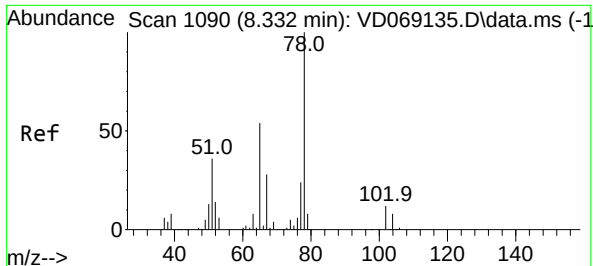
Tgt Ion: 56 Resp: 16571
Ion Ratio Lower Upper
56 100
69 79.1 30.6 46.0#
84 135.8 88.0 132.0#



#32
1,1,1-Trichloroethane
Concen: 3.21 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 97 Resp: 16612
Ion Ratio Lower Upper
97 100
99 59.9 51.5 77.3
61 41.6 32.5 48.7

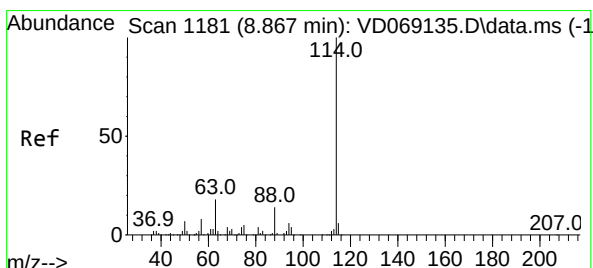
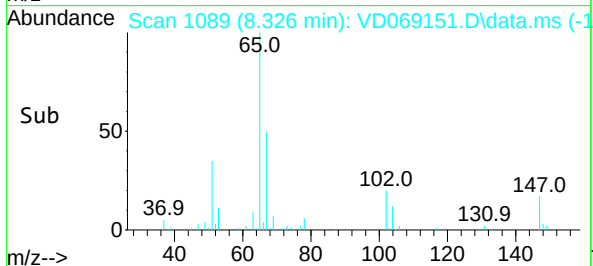
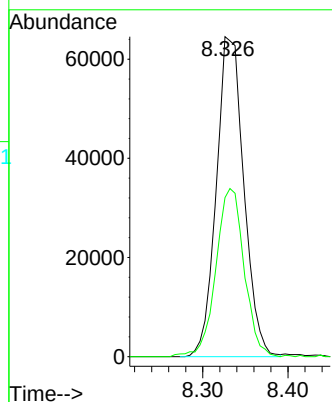
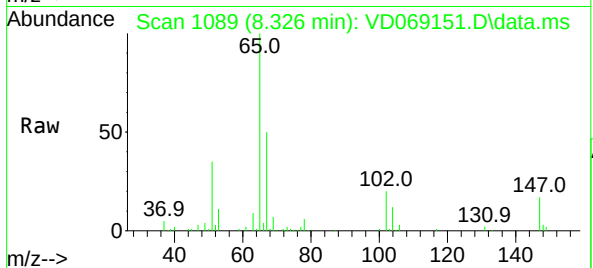




#33
1,2-Dichloroethane-d4
Concen: 54.19 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

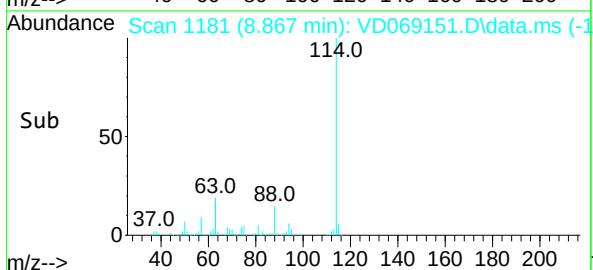
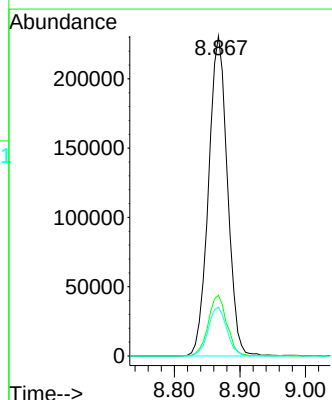
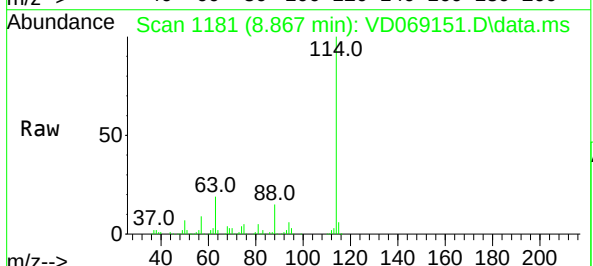
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

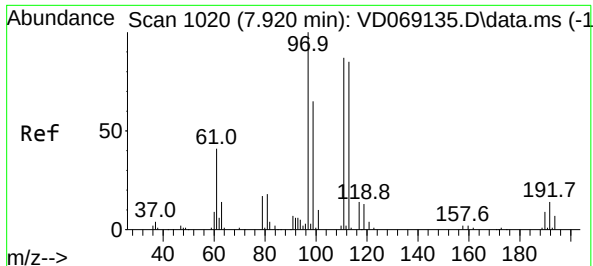
Tgt Ion: 65 Resp: 145110
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 114 Resp: 461931
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.4
88 15.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 50.06 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

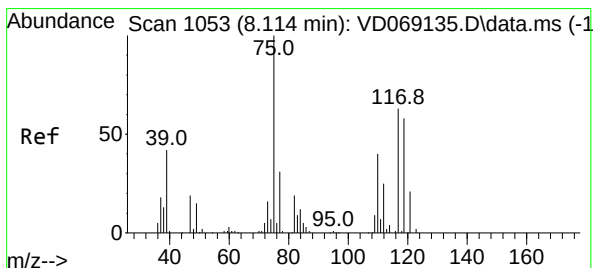
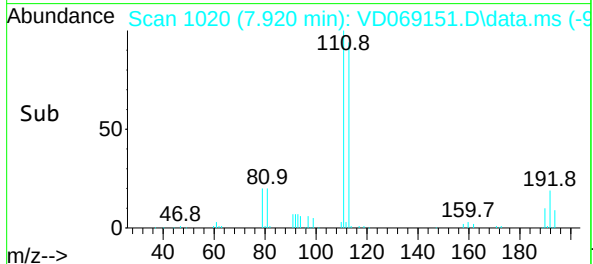
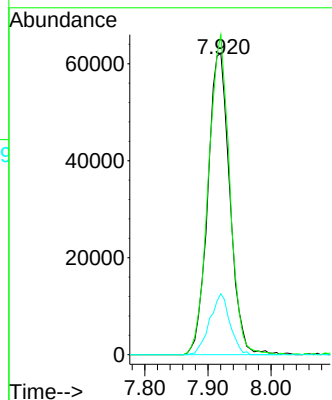
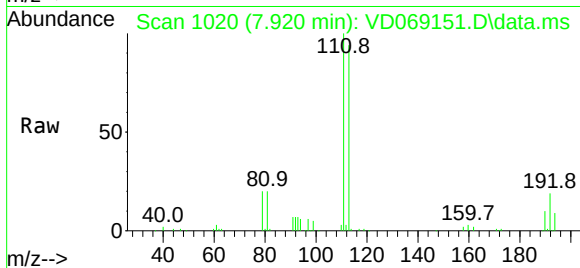
Tgt Ion:113 Resp: 150488

Ion Ratio Lower Upper

113 100

111 102.8 80.6 120.8

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.79 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

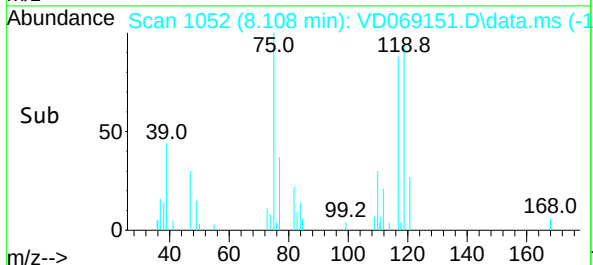
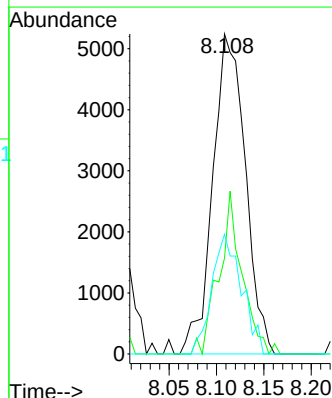
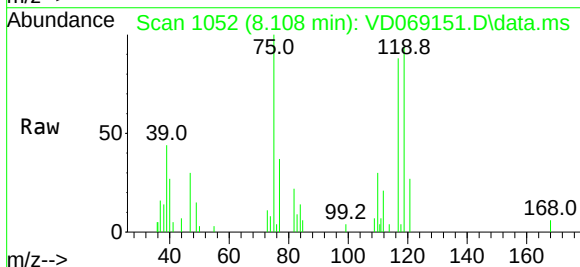
Tgt Ion: 75 Resp: 12548

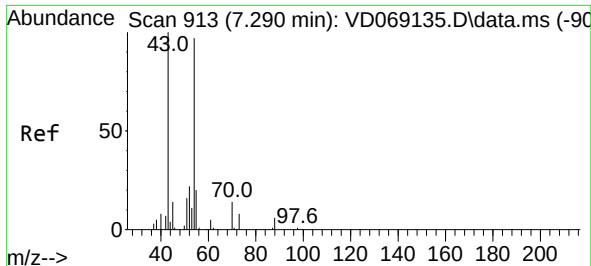
Ion Ratio Lower Upper

75 100

110 36.4 18.8 56.4

77 34.2 25.2 37.8





#37

Ethyl Acetate

Concen: 3.08 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.006 min

Lab File: VD069151.D

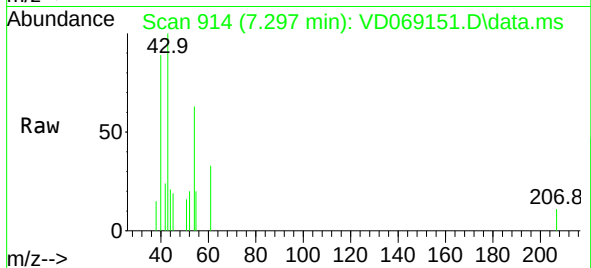
Acq: 13 May 2021 12:24

Instrument :

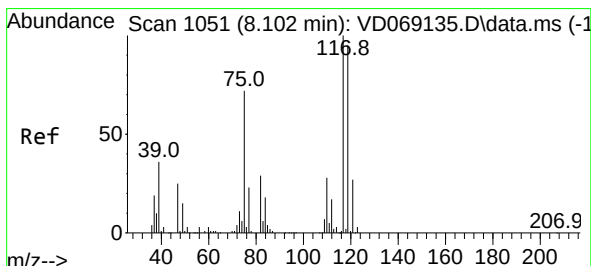
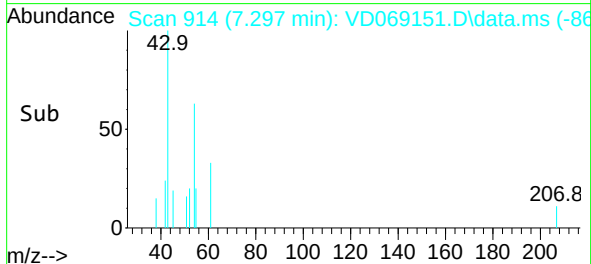
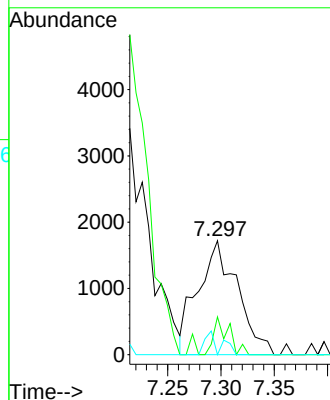
MSVOA_D

ClientSampleId :

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Tgt Ion:	43	Resp:	4443
Ion Ratio	Lower	Upper	
43	100		
61	12.6	11.5	17.3
70	7.8	10.4	15.6#



#38

Carbon Tetrachloride

Concen: 2.94 ug/l

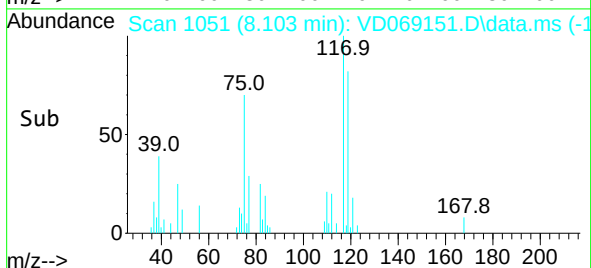
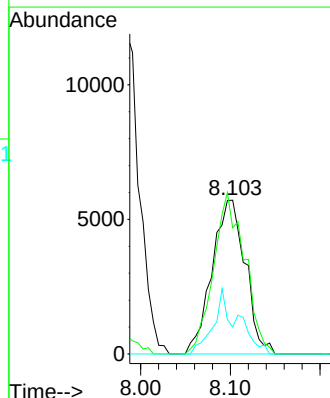
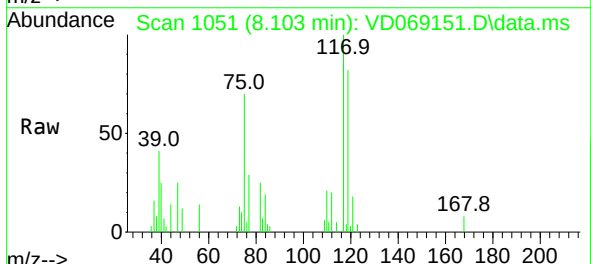
RT: 8.103 min Scan# 1051

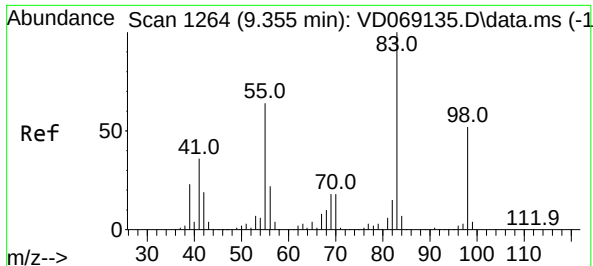
Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion:	117	Resp:	14742
Ion Ratio	Lower	Upper	
117	100		
119	82.1	76.2	114.2
121	17.5	21.9	32.9#





#39

Methylcyclohexane

Concen: 2.73 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

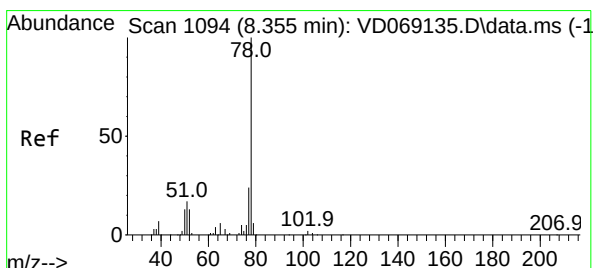
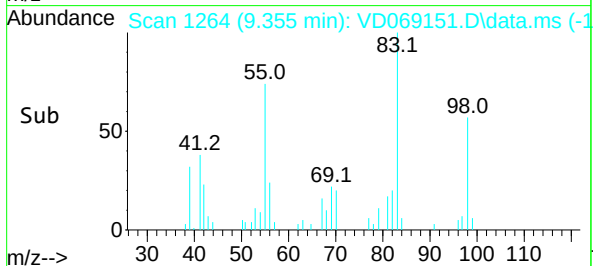
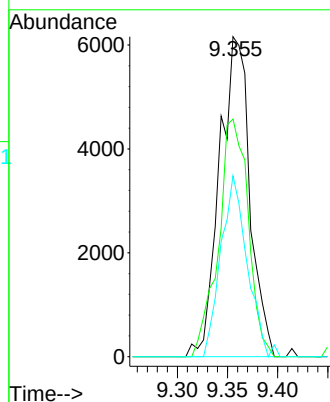
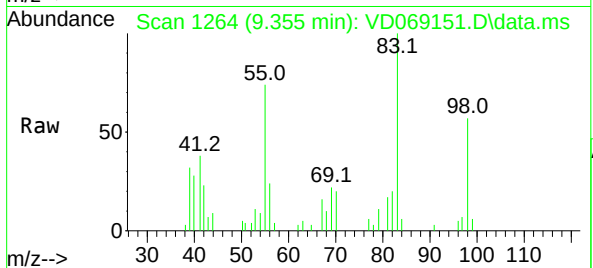
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	83	Resp:	12935
Ion	Ratio	Lower	Upper
83	100		
55	74.2	51.2	76.8
98	56.6	41.4	62.2



#40

Benzene

Concen: 2.89 ug/l

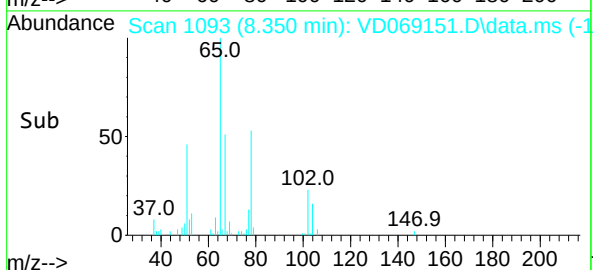
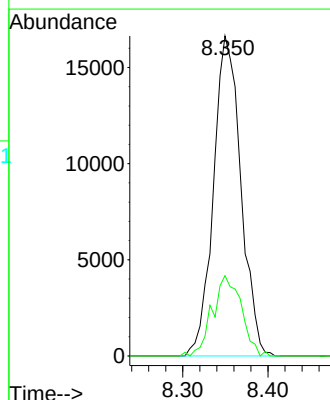
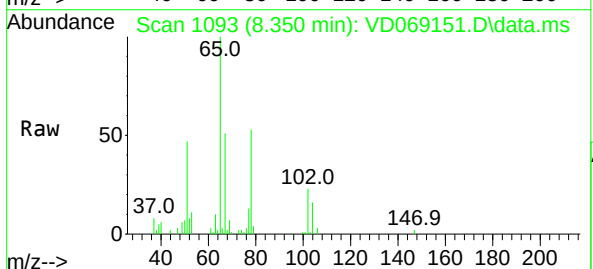
RT: 8.350 min Scan# 1093

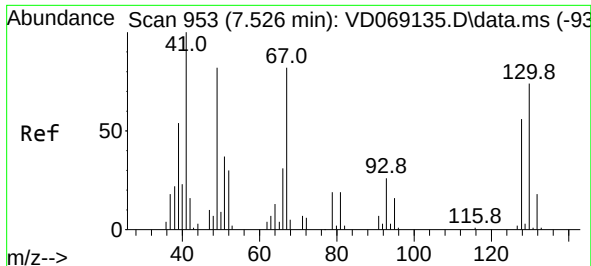
Delta R.T. -0.006 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion:	78	Resp:	37149
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.1	28.7

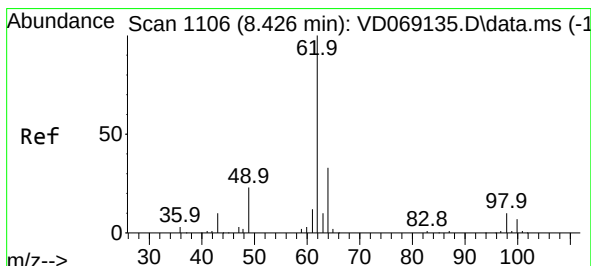
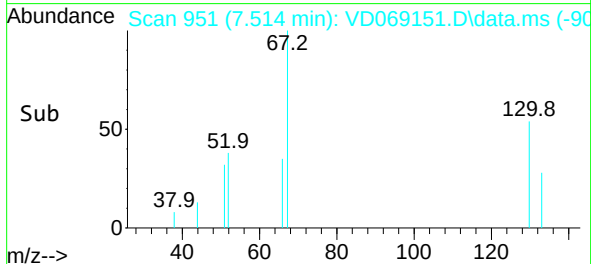
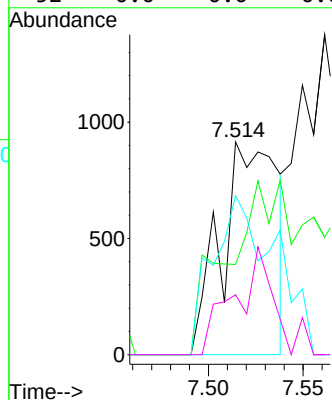
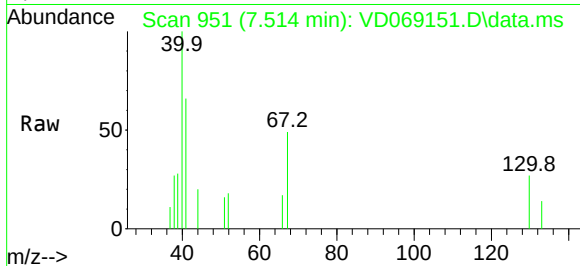




#41
Methacrylonitrile
Concen: 2.44 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.011 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

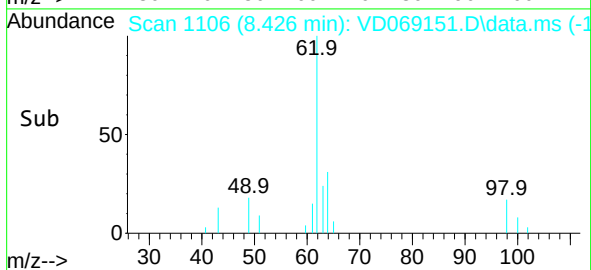
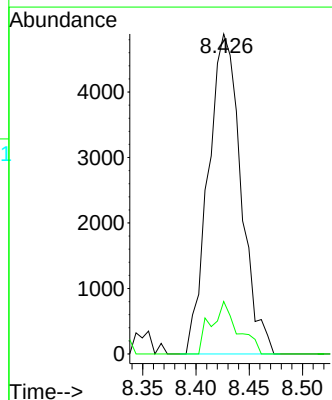
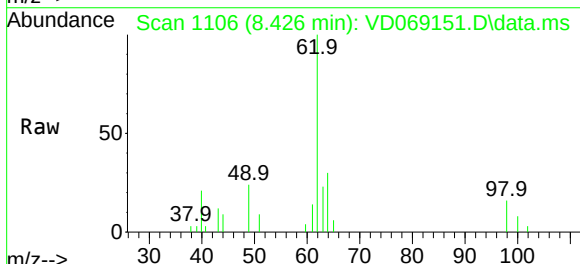
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

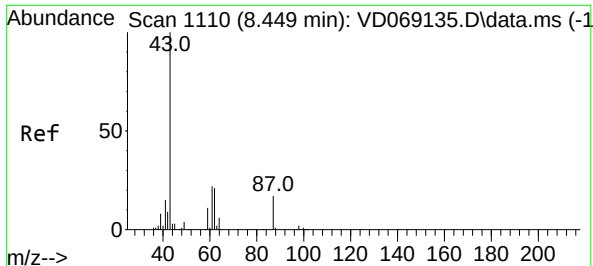
Tgt Ion:	41	Resp:	1873
Ion	Ratio	Lower	Upper
41	100		
39	0.0	58.0	87.0#
67	83.9	0.0	0.0#
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 2.97 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:	62	Resp:	10442
Ion	Ratio	Lower	Upper
62	100		
98	13.5	0.0	20.6

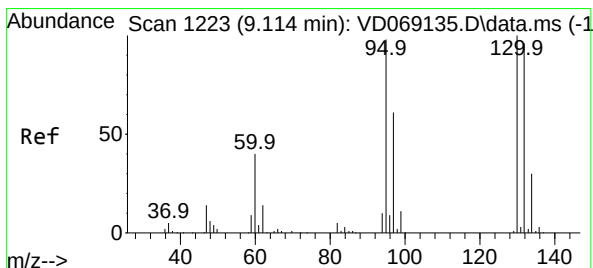
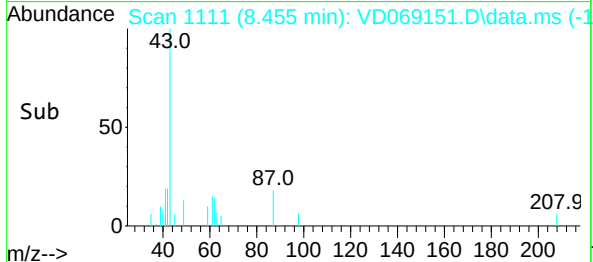
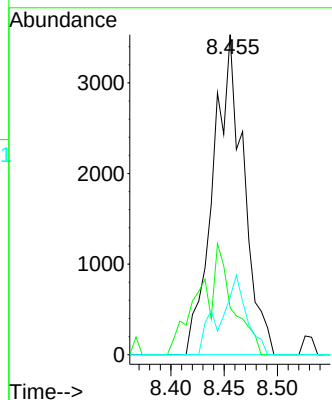
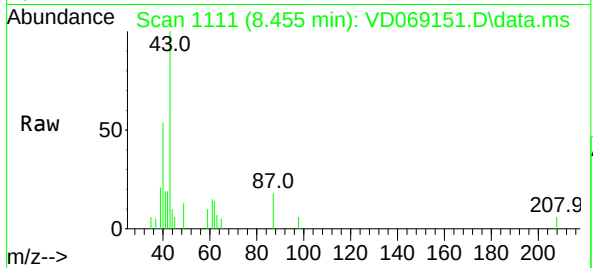




#43
Isopropyl Acetate
Concen: 2.67 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

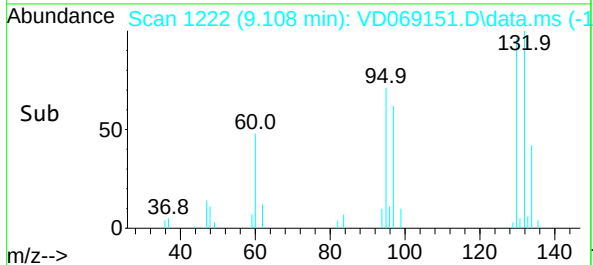
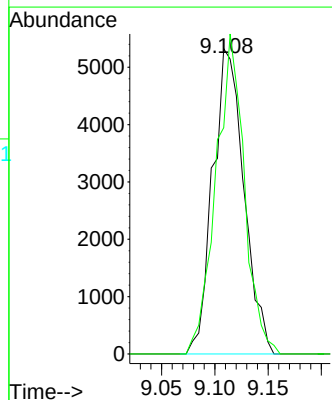
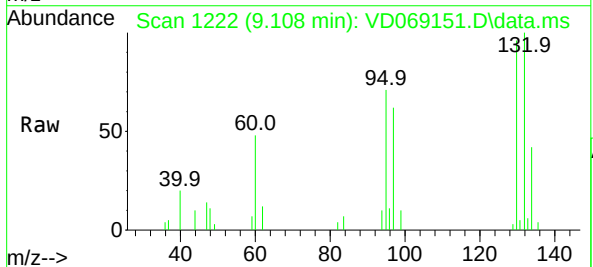
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

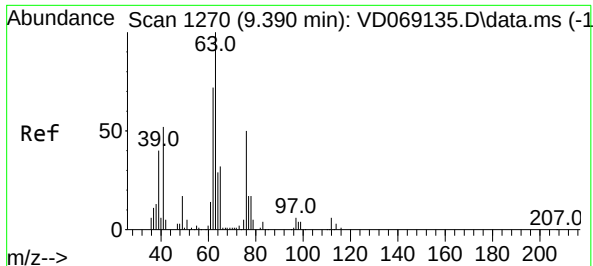
Tgt Ion: 43 Resp: 7008
Ion Ratio Lower Upper
43 100
61 0.0 28.6 42.8#
87 16.3 13.8 20.8



#44
Trichloroethene
Concen: 3.00 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 130 Resp: 10801
Ion Ratio Lower Upper
130 100
95 74.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 2.77 ug/l

RT: 9.391 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion: 63 Resp: 8405

Ion Ratio Lower Upper

63 100

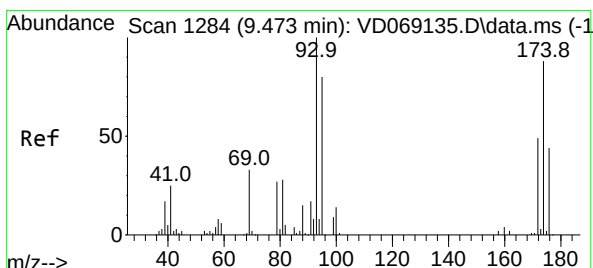
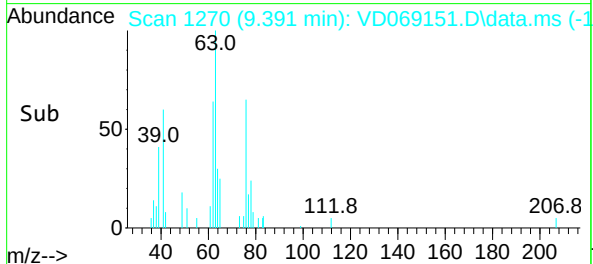
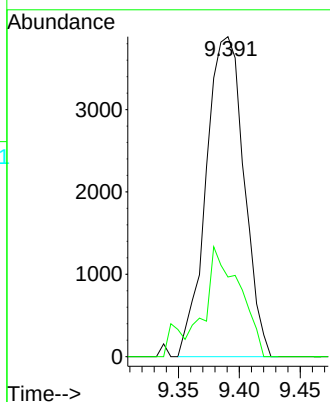
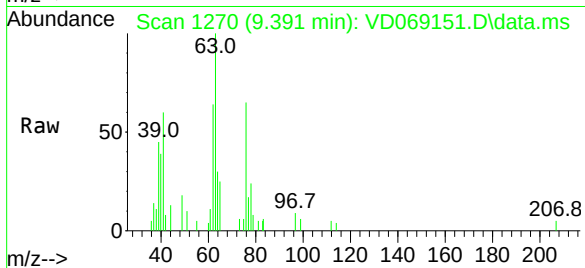
65 24.9 25.9 38.9#

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2021



#46

Dibromomethane

Concen: 2.83 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

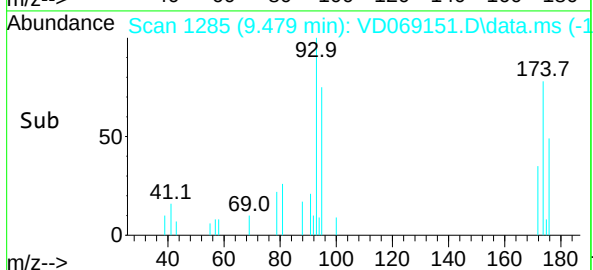
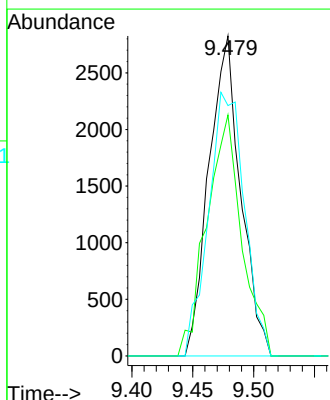
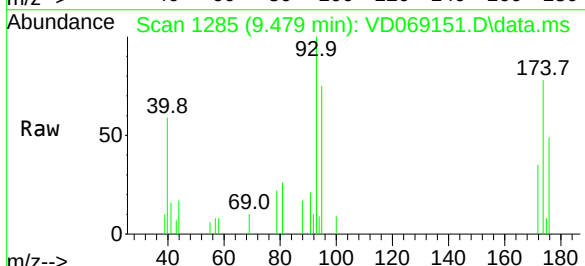
Tgt Ion: 93 Resp: 5132

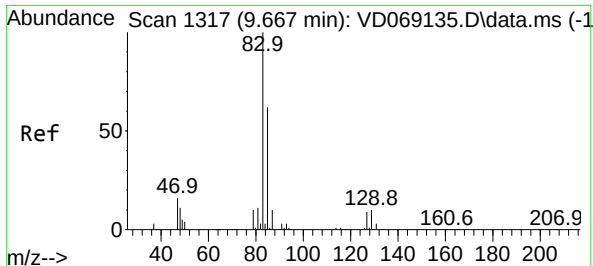
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 93.4 76.6 115.0





#47

Bromodichloromethane

Concen: 2.87 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

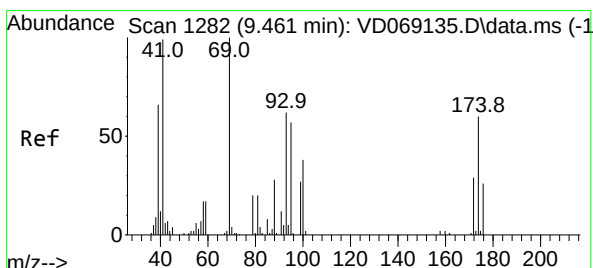
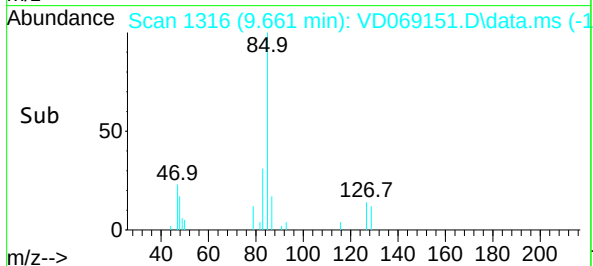
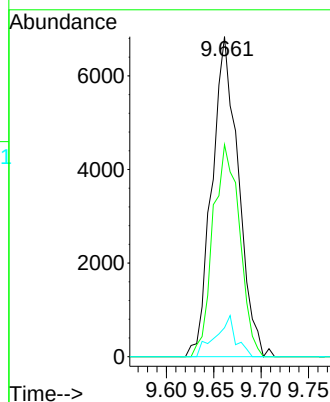
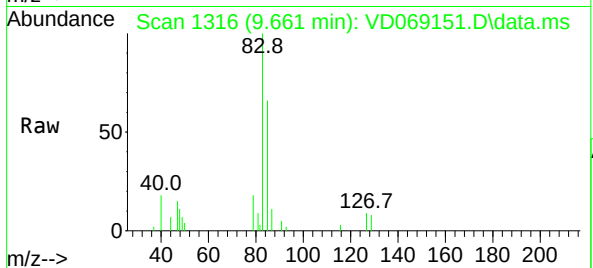
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	83	Resp:	13275
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.0	75.0
127	9.0	7.1	10.7



#48

Methyl methacrylate

Concen: 2.81 ug/l

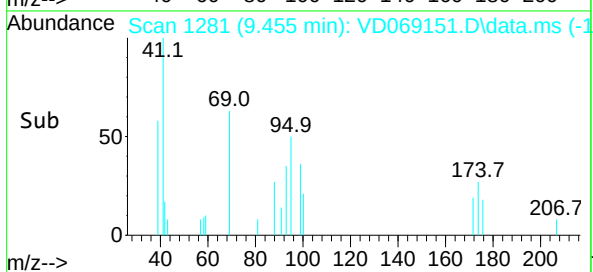
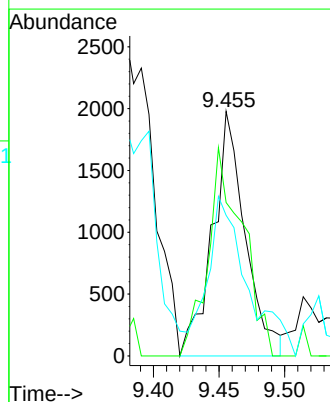
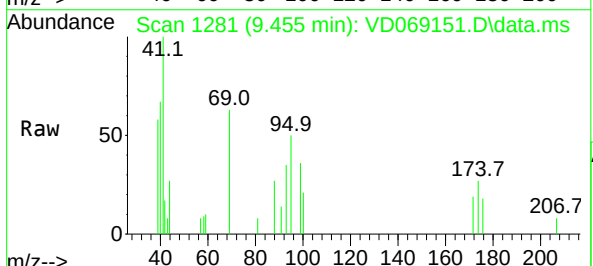
RT: 9.455 min Scan# 1281

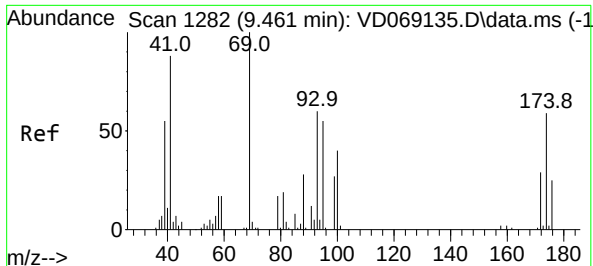
Delta R.T. -0.006 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion:	41	Resp:	3407
Ion	Ratio	Lower	Upper
41	100		
69	90.5	88.0	132.0
39	79.2	51.4	77.0





#49

1,4-Dioxane

Concen: 76.45 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

Tgt Ion: 88 Resp: 1305

Ion Ratio Lower Upper

88 100

43 20.5 26.7 40.1#

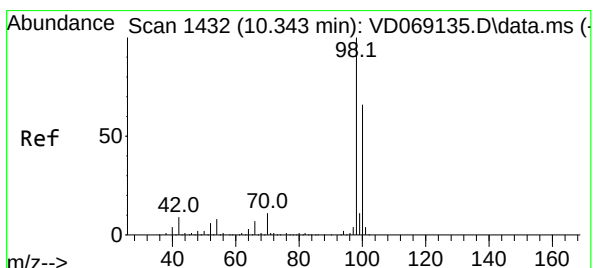
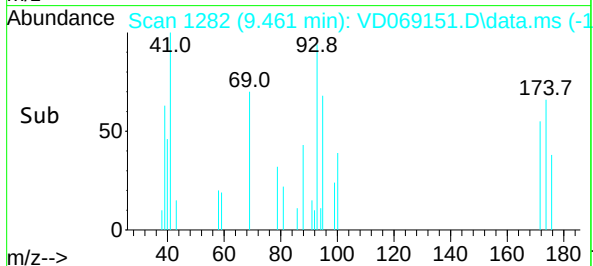
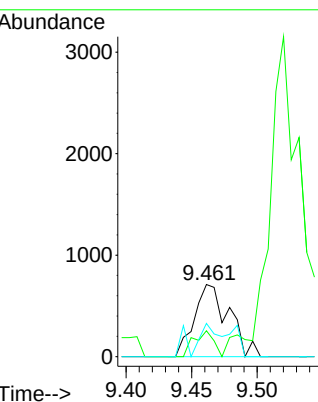
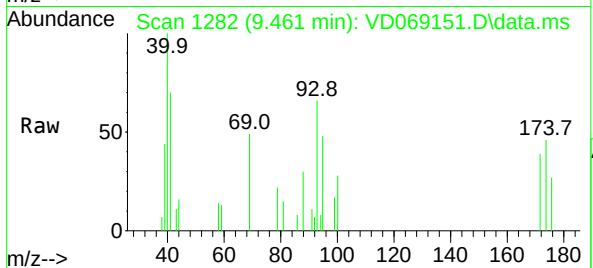
58 39.2 45.8 68.6#

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2021



#50

Toluene-d8

Concen: 49.50 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD069151.D

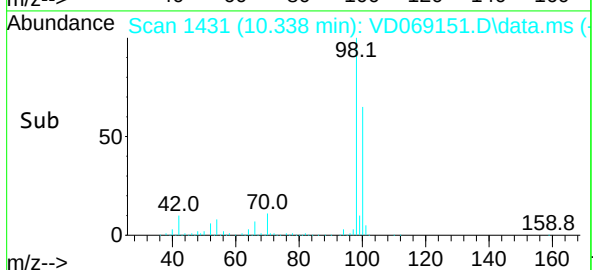
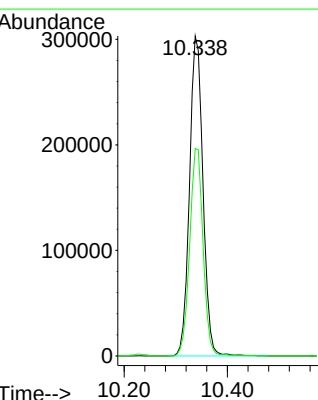
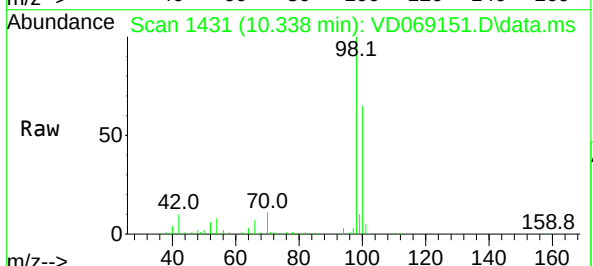
Acq: 13 May 2021 12:24

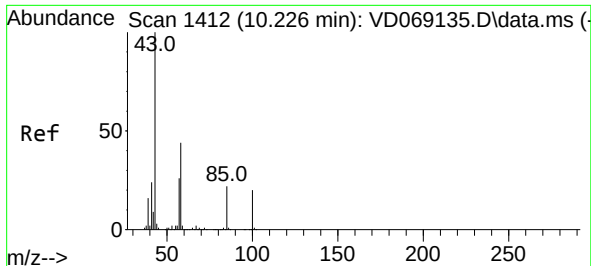
Tgt Ion: 98 Resp: 546726

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8

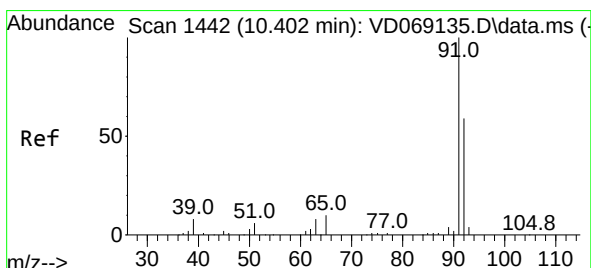
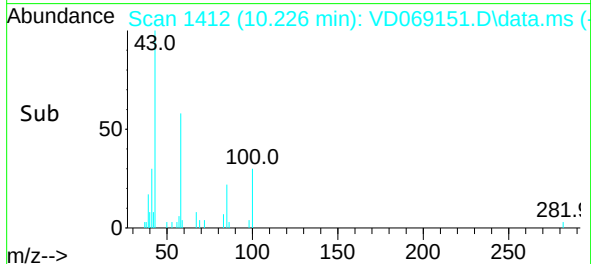
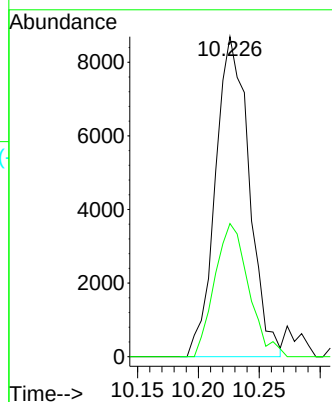
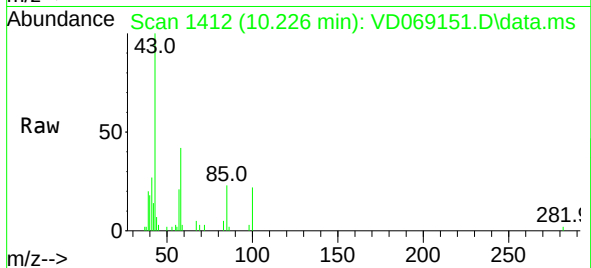




#51
4-Methyl-2-Pentanone
Concen: 12.41 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

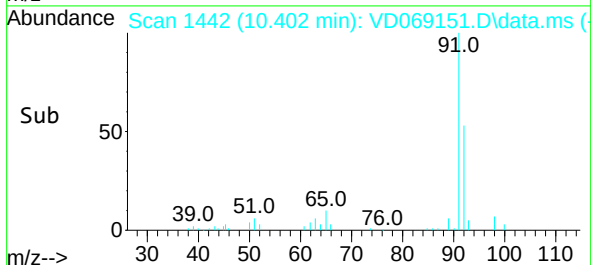
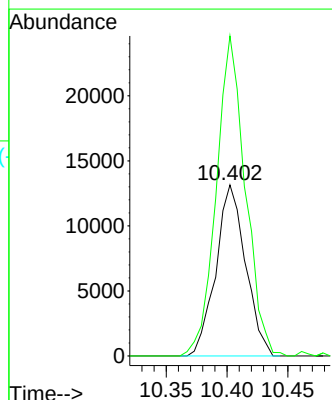
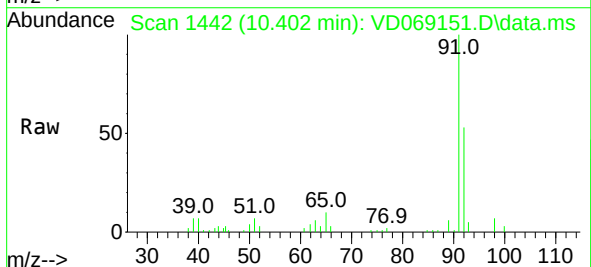
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

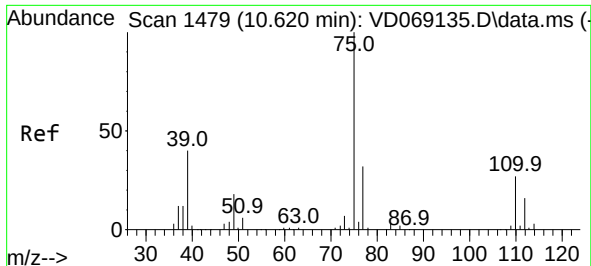
Tgt Ion: 43 Resp: 16733
Ion Ratio Lower Upper
43 100
58 42.0 35.0 52.4



#52
Toluene
Concen: 2.69 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 92 Resp: 22320
Ion Ratio Lower Upper
92 100
91 183.0 136.2 204.2

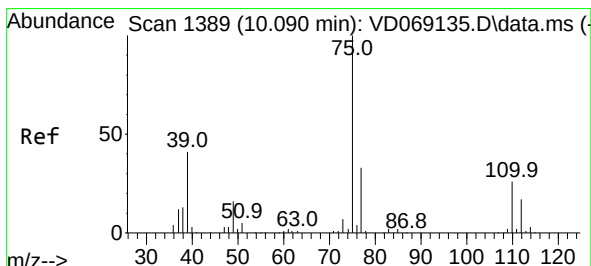
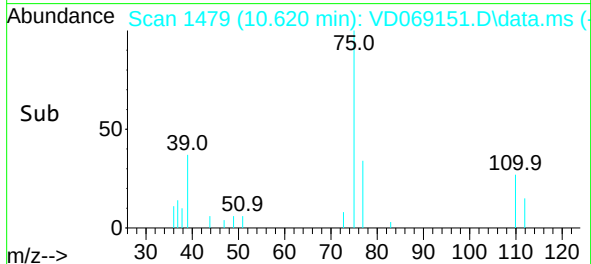
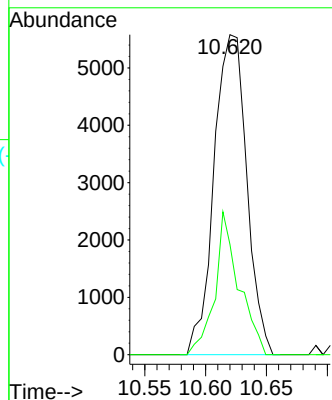
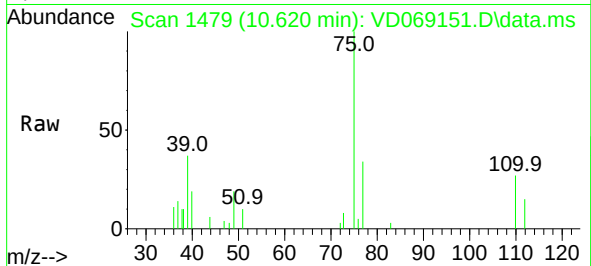




#53
 t-1,3-Dichloropropene
 Concen: 2.57 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VD069151.D
 Acq: 13 May 2021 12:24

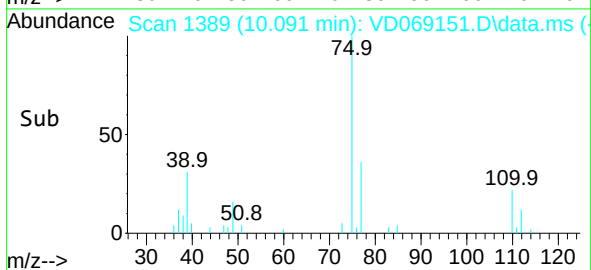
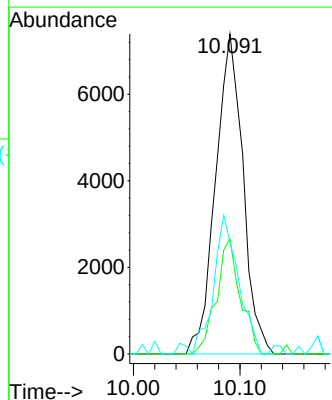
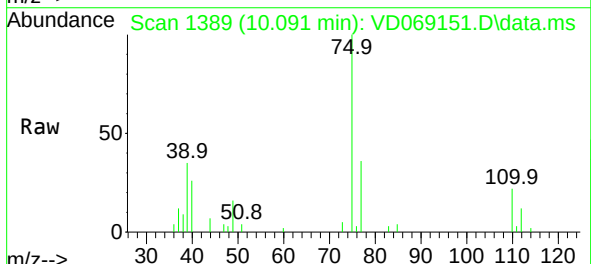
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

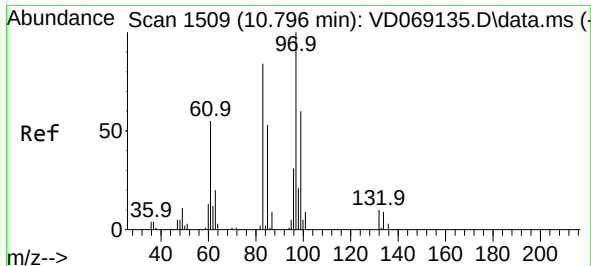
Tgt Ion: 75 Resp: 10441
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 2.72 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VD069151.D
 Acq: 13 May 2021 12:24

Tgt Ion: 75 Resp: 13185
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.2 39.4
 39 32.4 32.9 49.3#

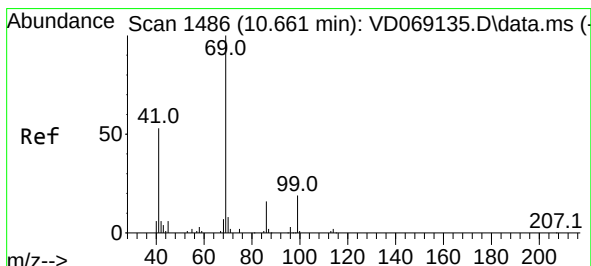
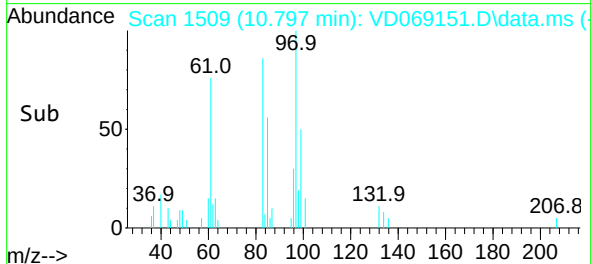
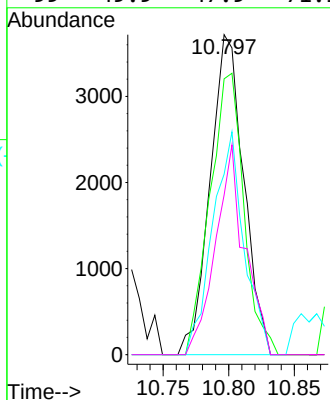
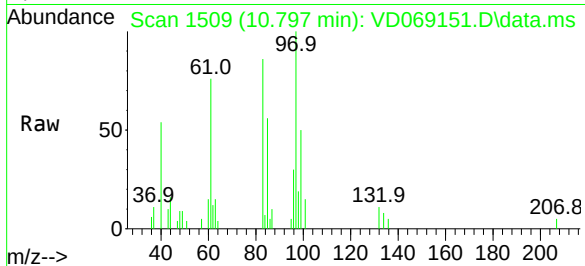




#55
1,1,2-Trichloroethane
Concen: 2.70 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

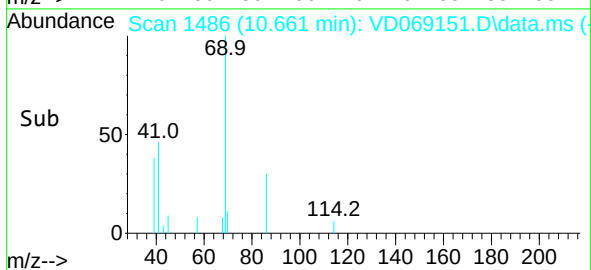
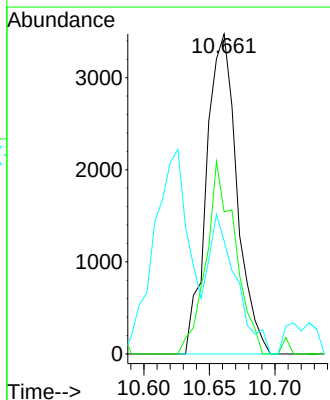
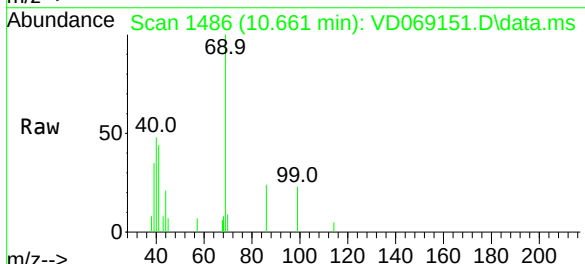
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

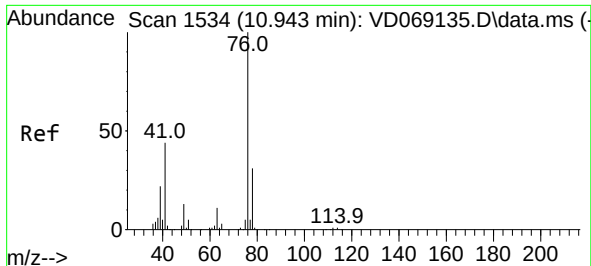
Tgt Ion:	97	Resp:	6610
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.9	100.3
85	56.4	42.2	63.4
99	49.9	47.9	71.9



#56
Ethyl methacrylate
Concen: 2.29 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:	69	Resp:	5602
Ion	Ratio	Lower	Upper
69	100		
41	57.5	42.2	63.2
39	39.2	26.3	39.5

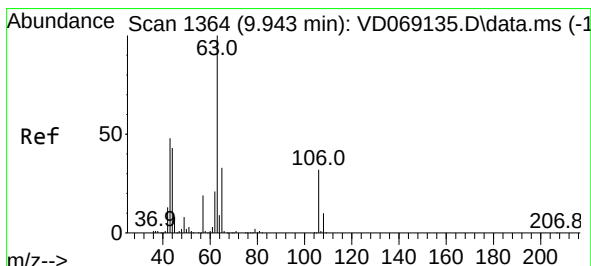
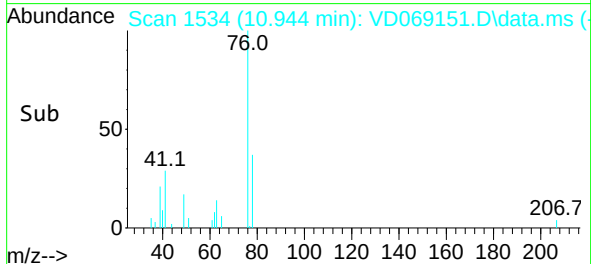
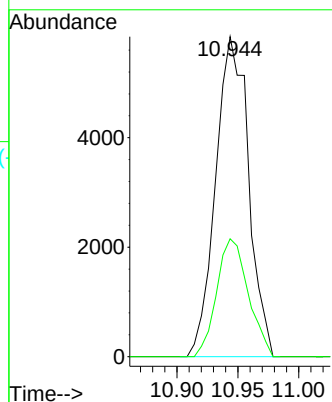
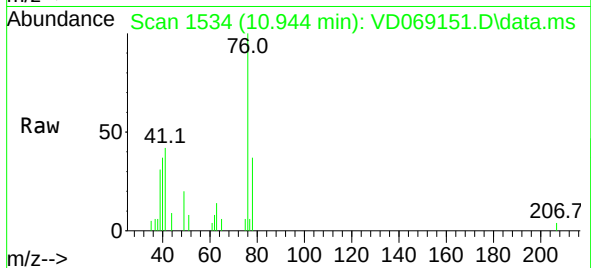




#57
1,3-Dichloropropane
Concen: 2.78 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

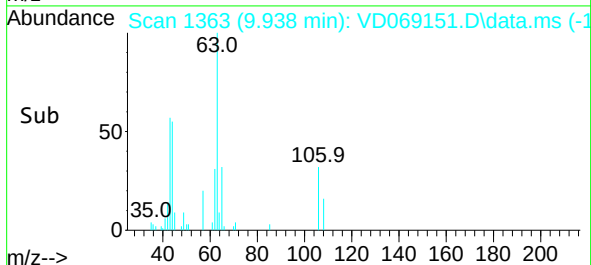
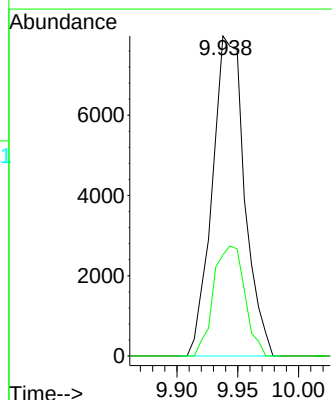
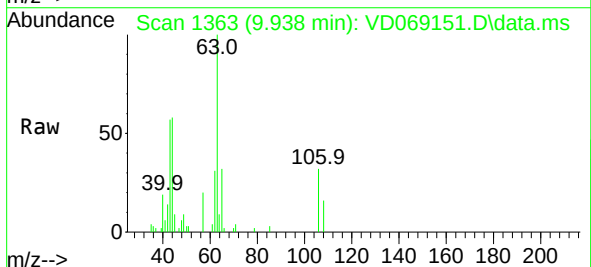
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

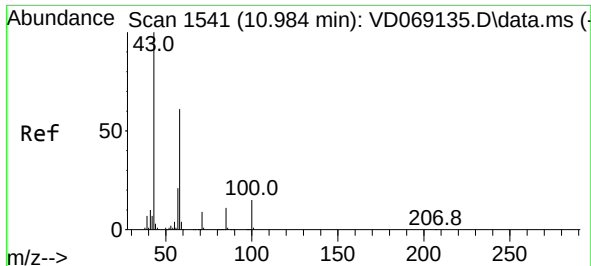
Tgt Ion: 76 Resp: 10972
Ion Ratio Lower Upper
76 100
78 35.4 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 12.16 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 63 Resp: 14731
Ion Ratio Lower Upper
63 100
106 33.1 25.3 37.9

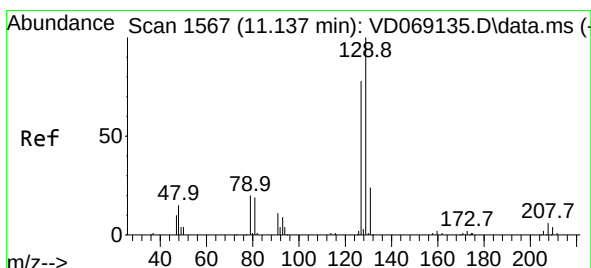
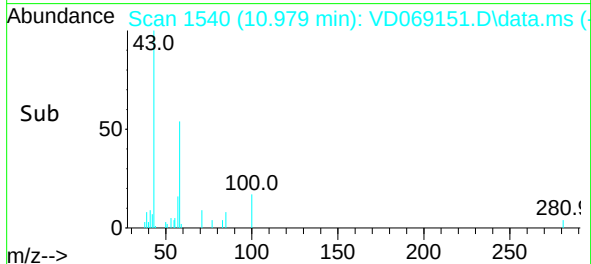
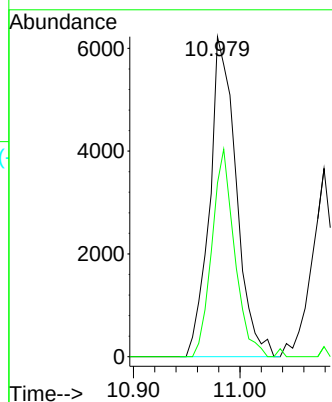
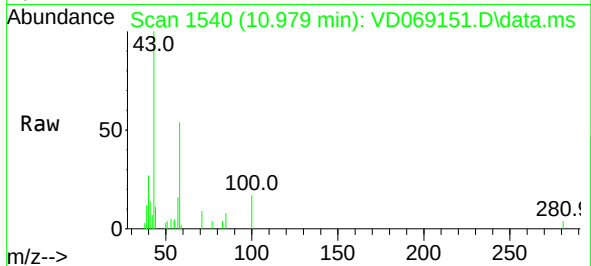




#59
2-Hexanone
Concen: 12.03 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

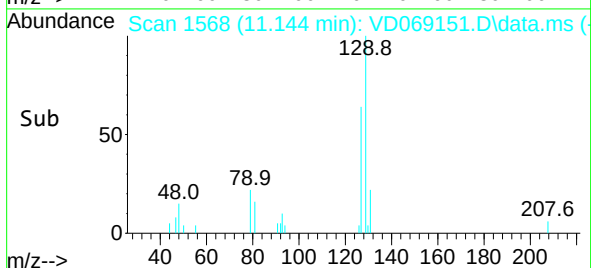
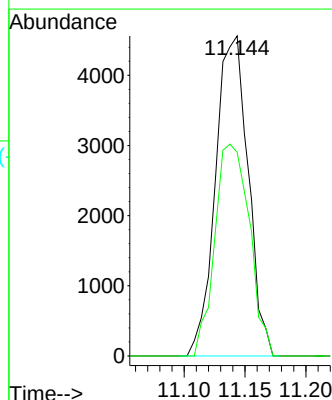
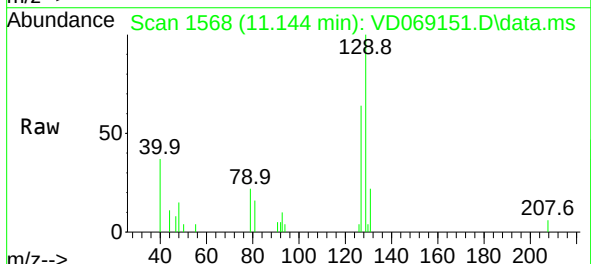
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

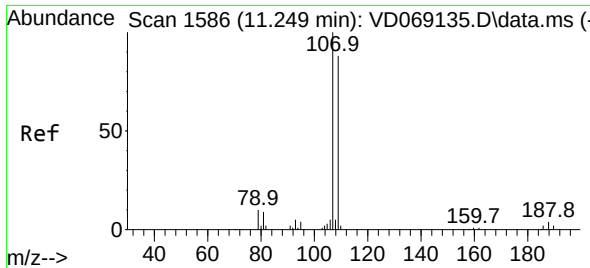
Tgt Ion: 43 Resp: 10820
Ion Ratio Lower Upper
43 100
58 55.2 31.1 93.5



#60
Dibromochloromethane
Concen: 2.71 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 129 Resp: 8503
Ion Ratio Lower Upper
129 100
127 70.2 38.5 115.5

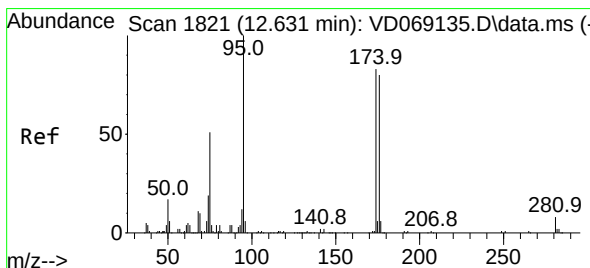
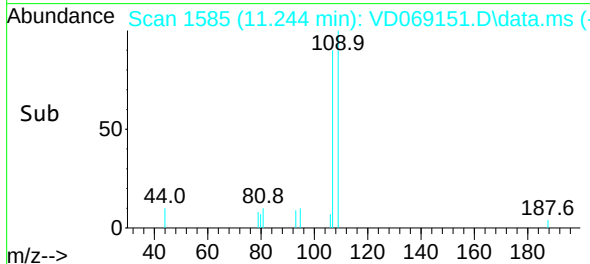
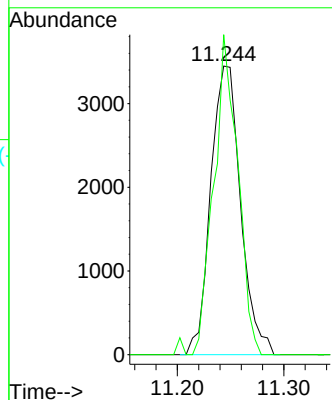
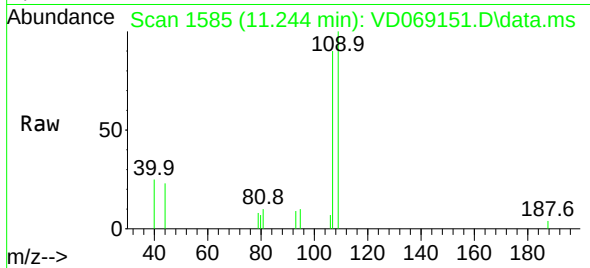




#61
1,2-Dibromoethane
Concen: 2.78 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

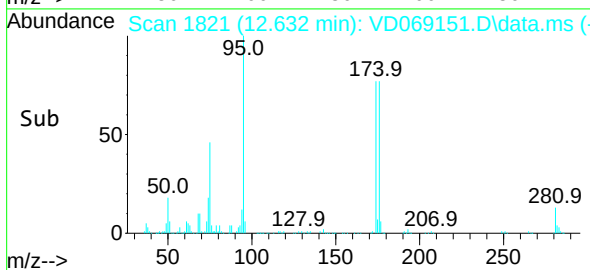
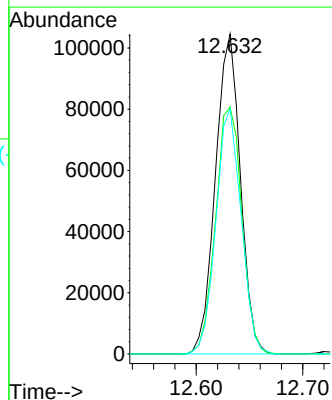
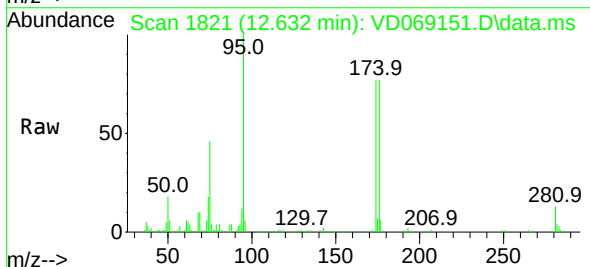
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

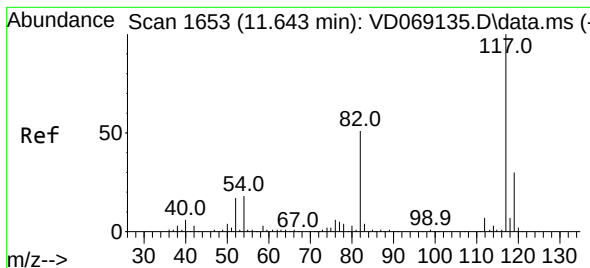
Tgt Ion:107 Resp: 6713
Ion Ratio Lower Upper
107 100
109 89.6 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 95 Resp: 170147
Ion Ratio Lower Upper
95 100
174 81.4 0.0 171.8
176 77.2 0.0 165.4

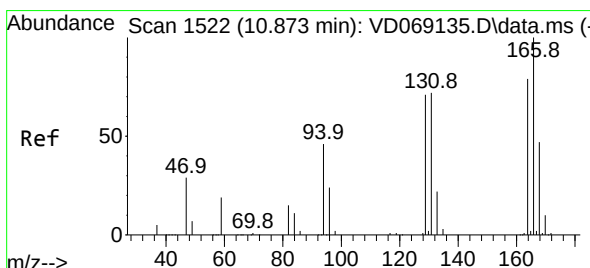
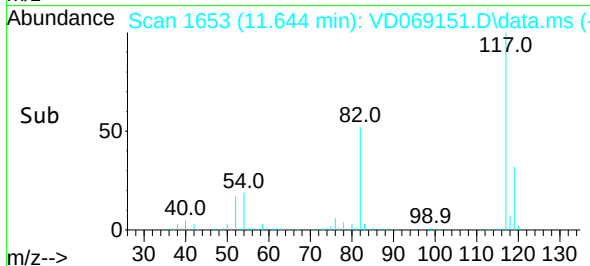
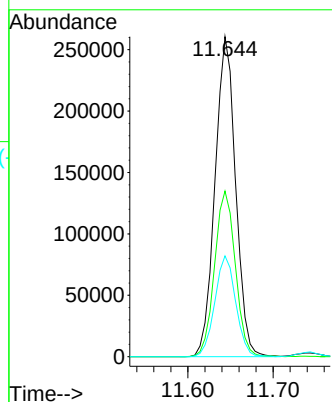
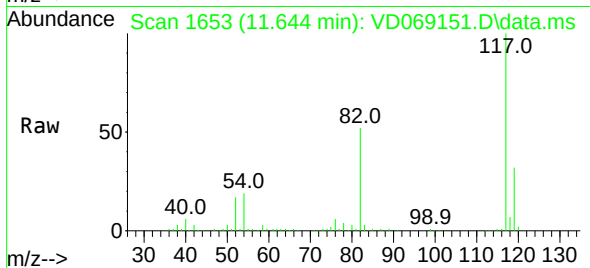




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

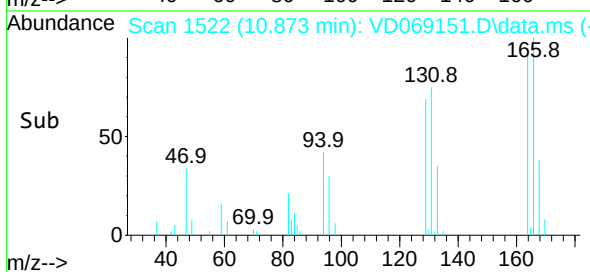
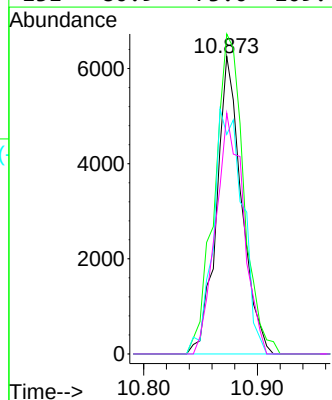
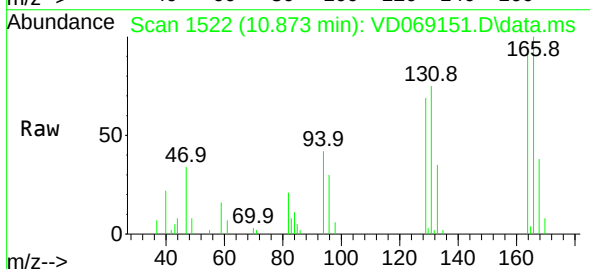
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

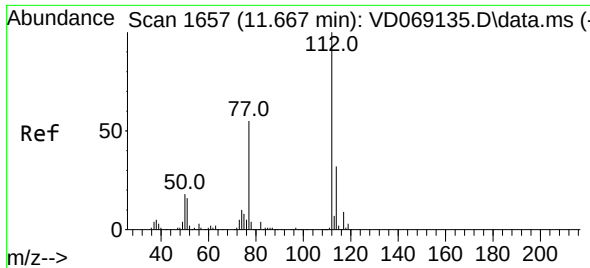
Tgt Ion:117 Resp: 438186
Ion Ratio Lower Upper
117 100
82 51.7 40.5 60.7
119 31.5 24.2 36.4



#64
Tetrachloroethene
Concen: 3.15 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:164 Resp: 9584
Ion Ratio Lower Upper
164 100
166 107.5 101.7 152.5
129 73.8 72.6 109.0
131 80.9 73.0 109.4

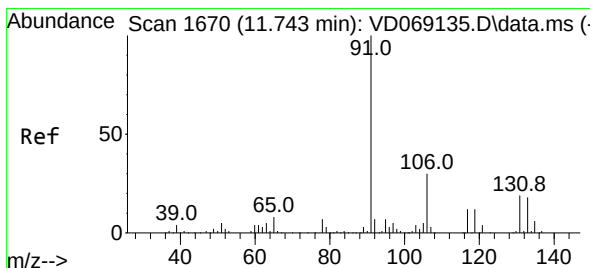
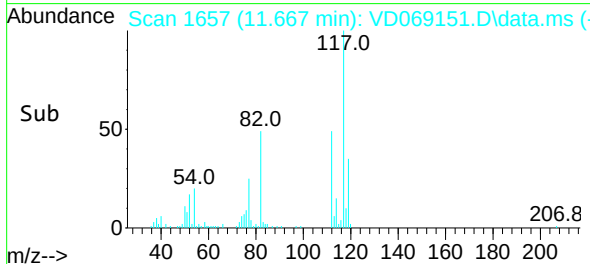
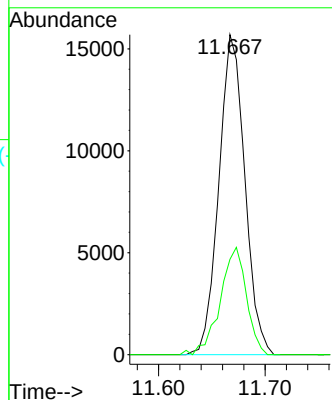
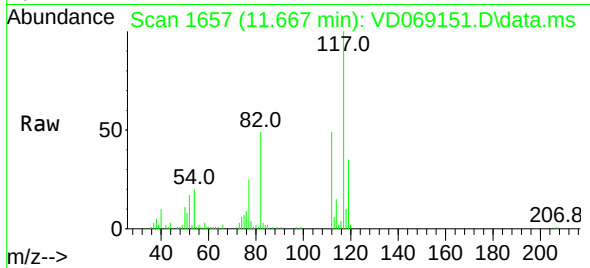




#65
Chlorobenzene
Concen: 2.92 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

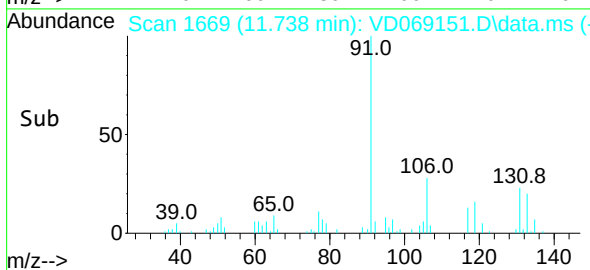
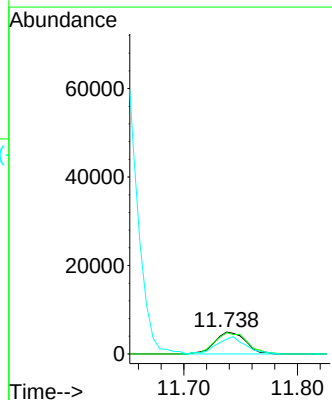
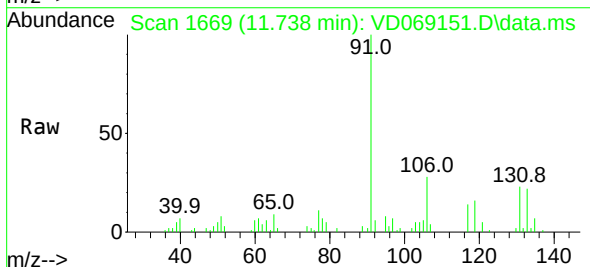
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

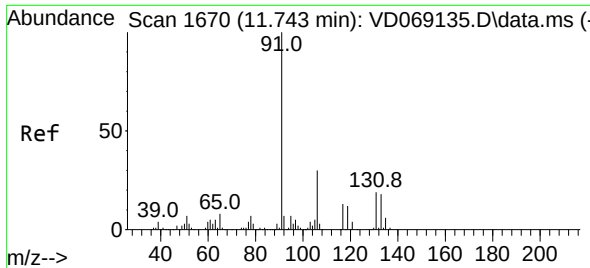
Tgt Ion:112 Resp: 26532
Ion Ratio Lower Upper
112 100
114 29.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.71 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:131 Resp: 9285
Ion Ratio Lower Upper
131 100
133 102.8 47.5 142.5
119 73.7 32.1 96.5

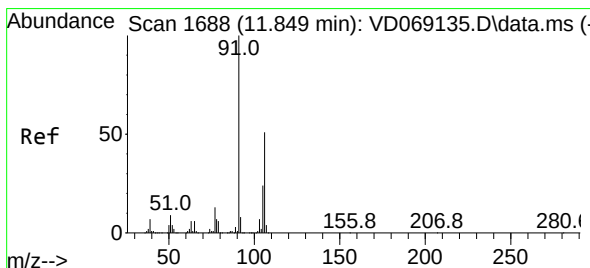
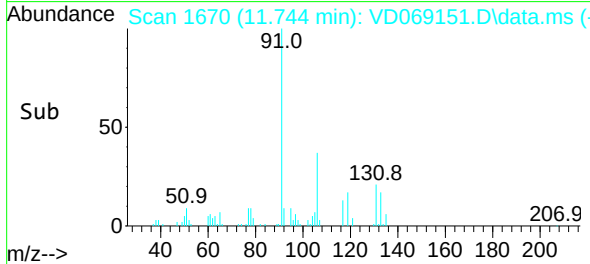
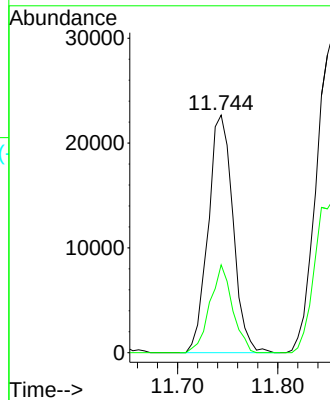
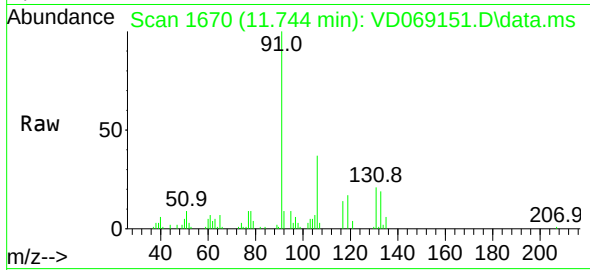




#67
Ethyl Benzene
Concen: 2.50 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

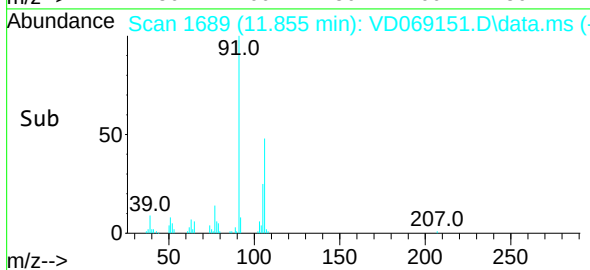
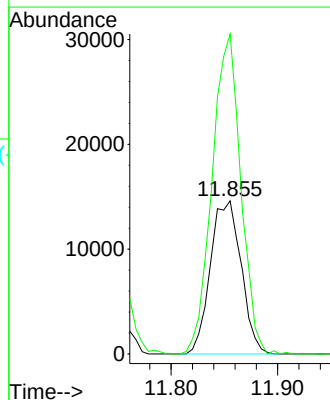
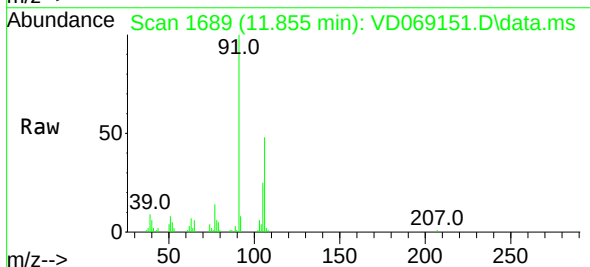
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

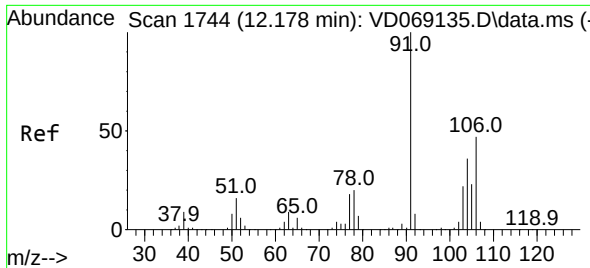
Tgt Ion: 91 Resp: 39034
Ion Ratio Lower Upper
91 100
106 37.0 24.0 36.0#



#68
m/p-Xylenes
Concen: 4.77 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:106 Resp: 29230
Ion Ratio Lower Upper
106 100
91 195.1 157.3 235.9

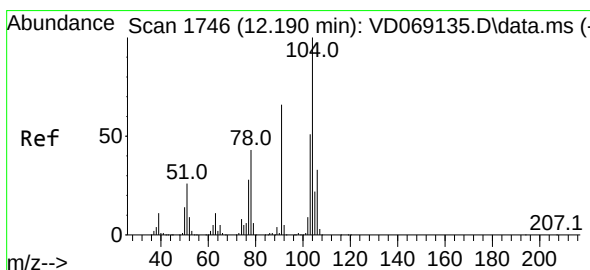
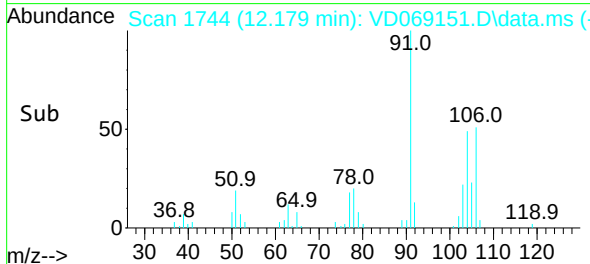
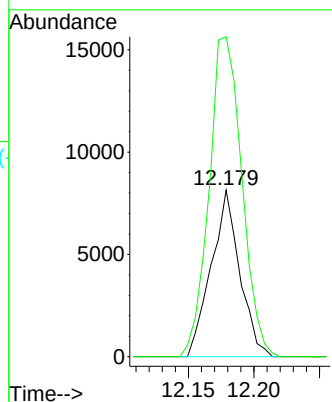
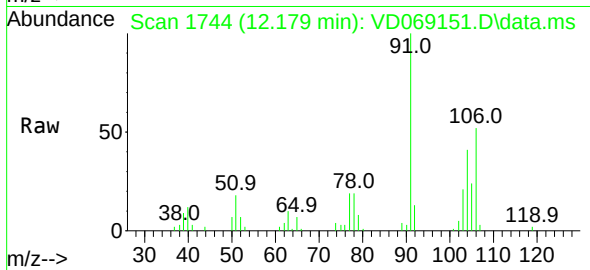




#69
o-Xylene
Concen: 2.26 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

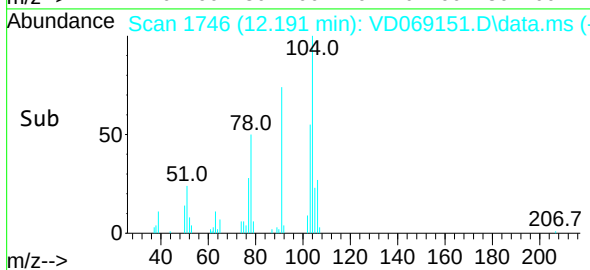
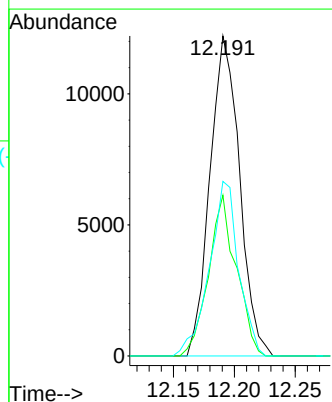
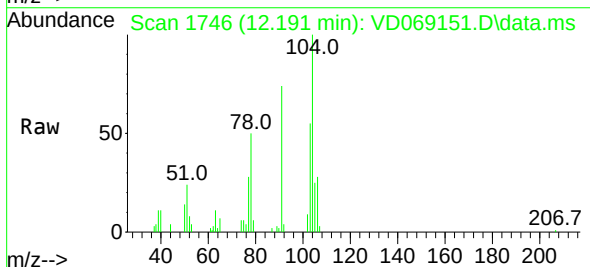
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

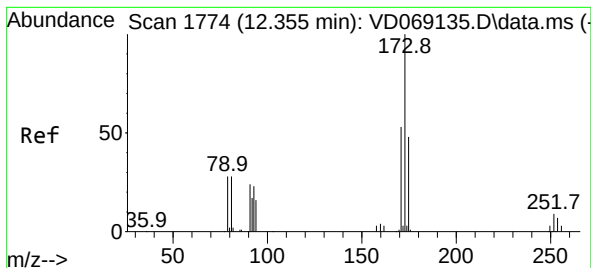
Tgt Ion:106 Resp: 12309
Ion Ratio Lower Upper
106 100
91 221.2 104.8 314.6



#70
Styrene
Concen: 2.17 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:104 Resp: 20664
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 53.8 44.8 67.2





#71

Bromoform

Concen: 2.73 ug/l

RT: 12.361 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

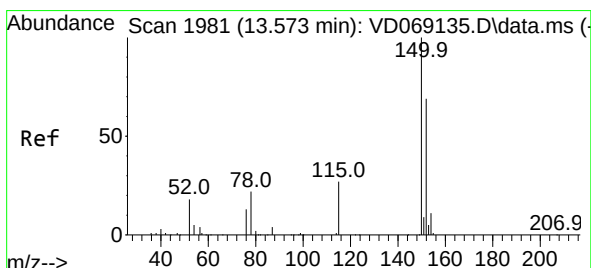
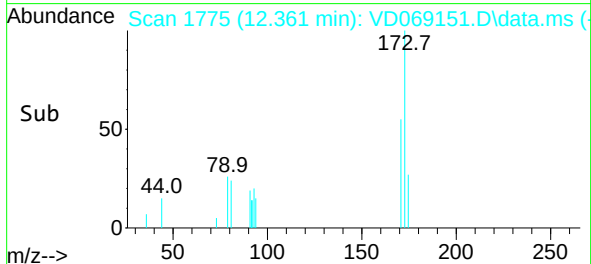
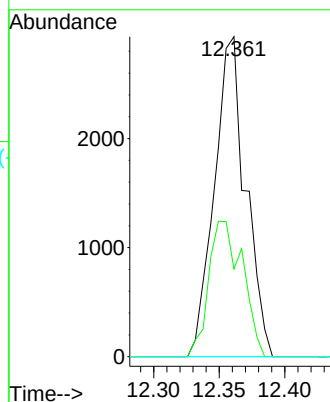
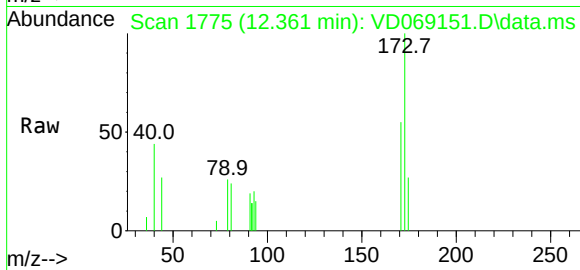
Tgt Ion:173 Resp: 4861

Ion Ratio Lower Upper

173 100

175 45.8 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. 0.000 min

Lab File: VD069151.D

Acq: 13 May 2021 12:24

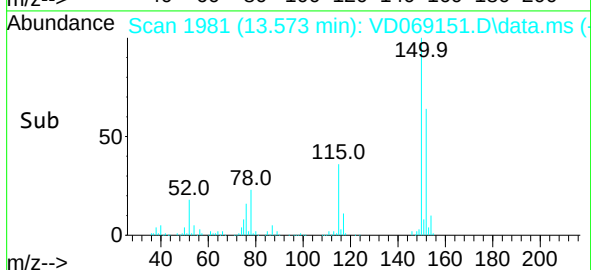
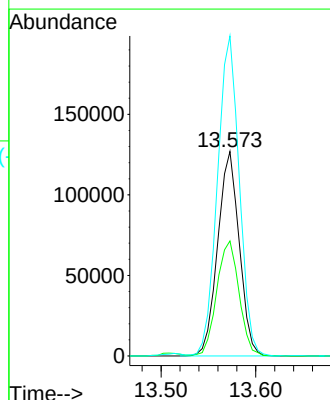
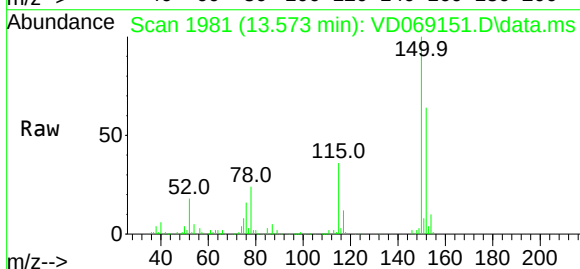
Tgt Ion:152 Resp: 200877

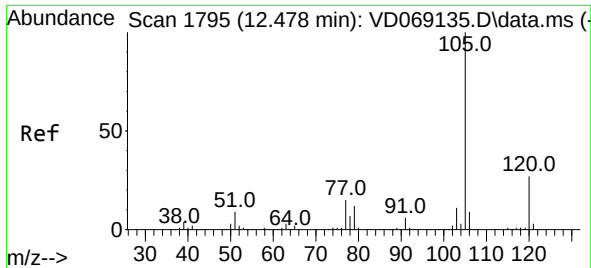
Ion Ratio Lower Upper

152 100

115 58.3 29.9 89.8

150 158.7 0.0 350.2

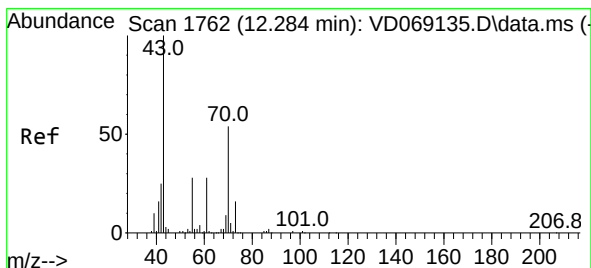
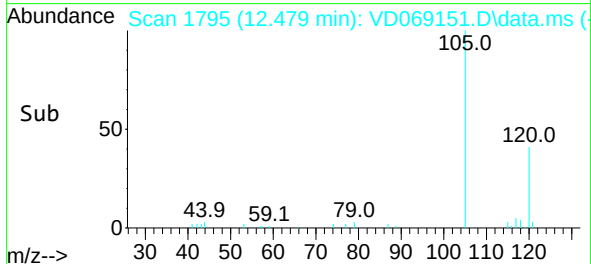
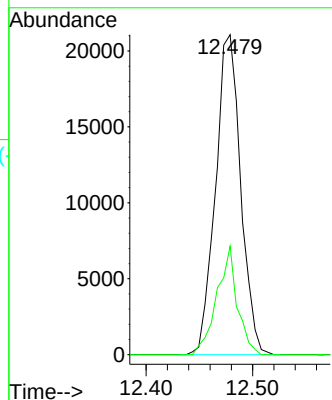
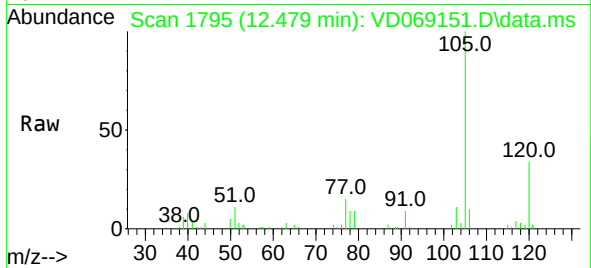




#73
Isopropylbenzene
Concen: 2.46 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

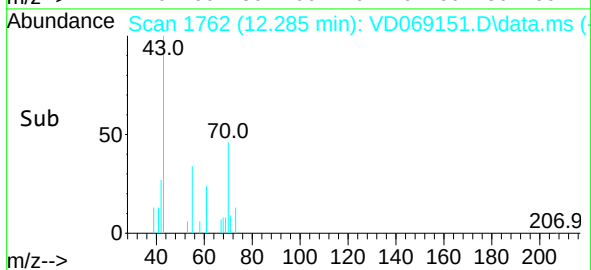
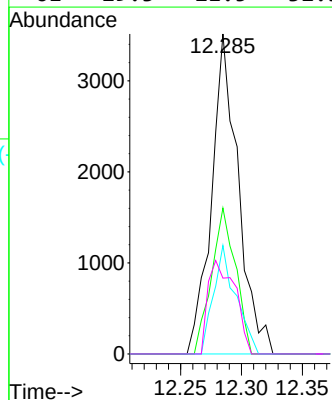
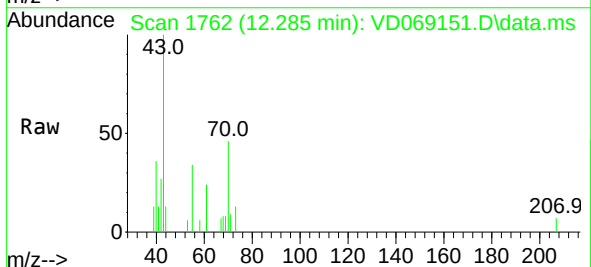
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

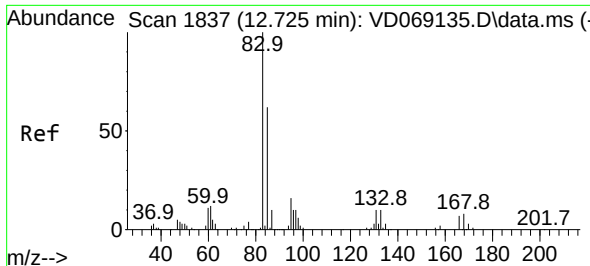
Tgt Ion:105 Resp: 34514
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 2.34 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 43 Resp: 5370
Ion Ratio Lower Upper
43 100
70 41.1 41.6 62.4#
55 28.4 22.6 34.0
61 29.3 21.5 32.3

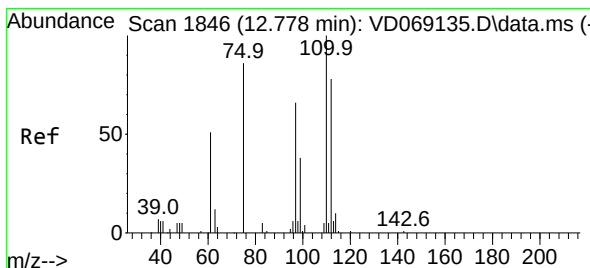
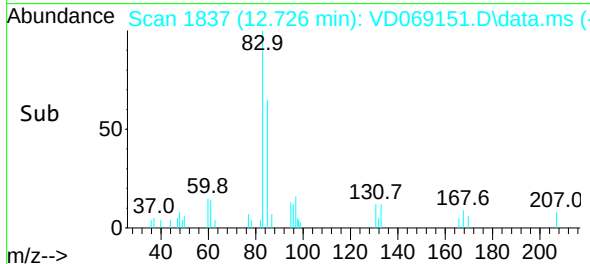
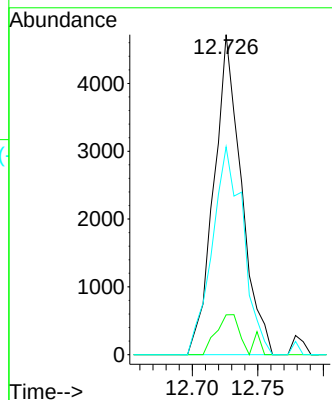
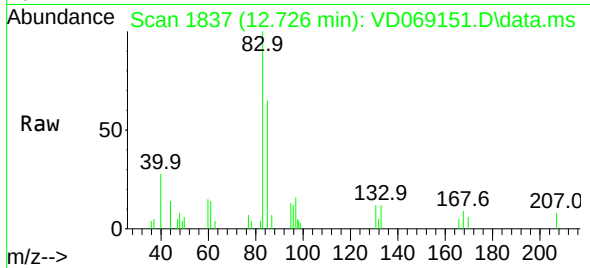




#75
1,1,2,2-Tetrachloroethane
Concen: 2.71 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

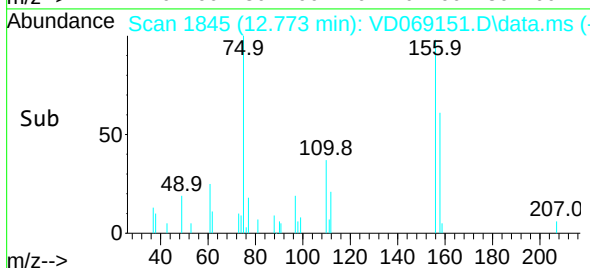
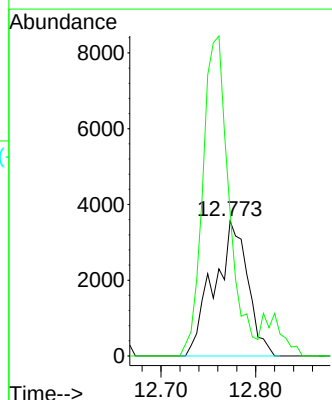
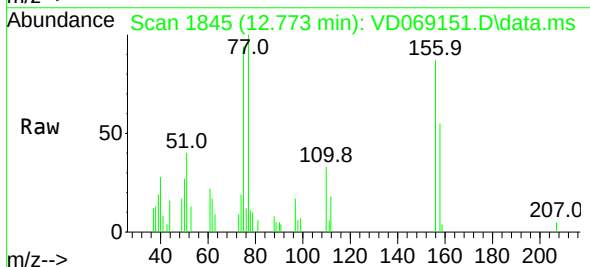
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

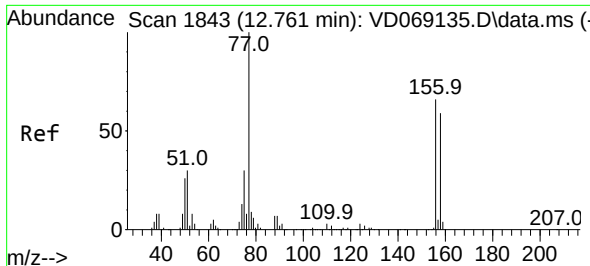
Tgt Ion: 83 Resp: 6886
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 73.6 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 5.83 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 75 Resp: 8806
Ion Ratio Lower Upper
75 100
77 184.6 0.0 0.0#

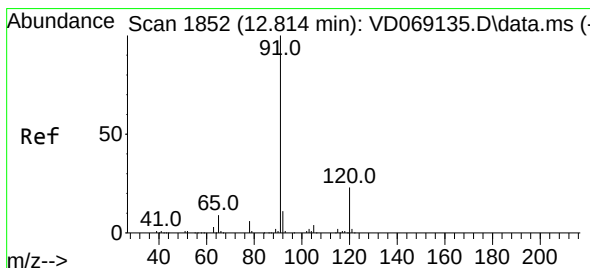
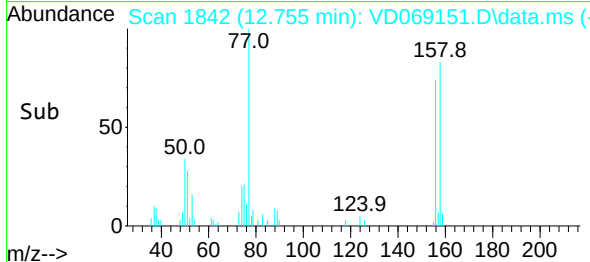
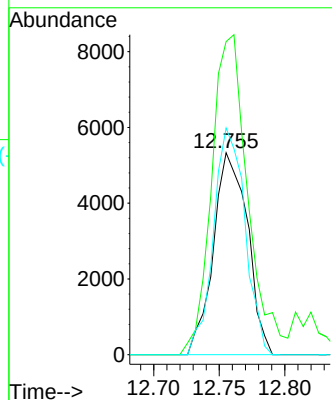
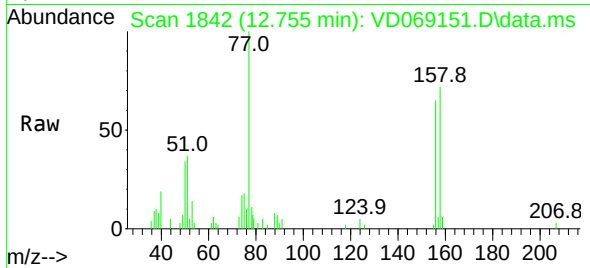




#77
Bromobenzene
Concen: 2.90 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

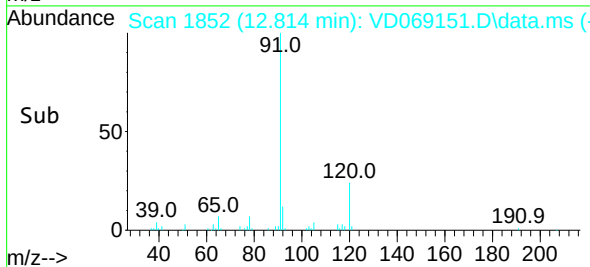
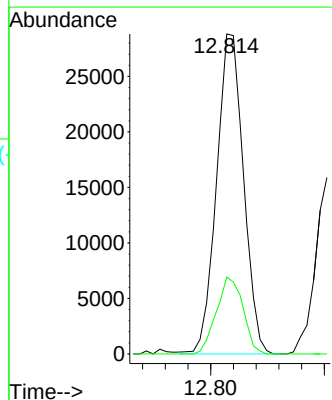
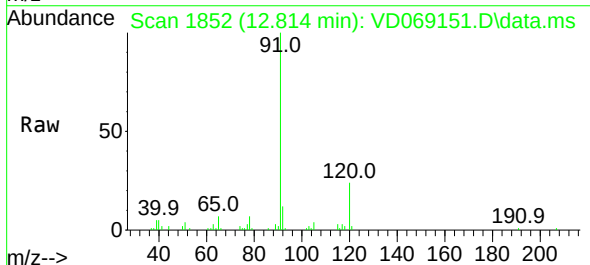
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

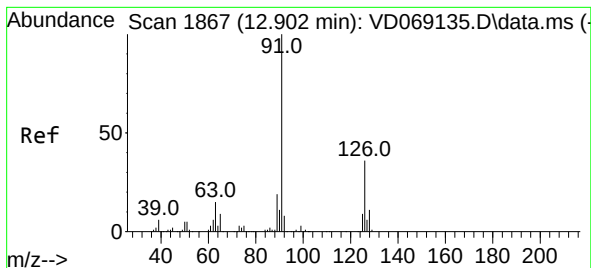
Tgt Ion:156 Resp: 9662
Ion Ratio Lower Upper
156 100
77 168.3 85.8 257.3
158 103.7 47.8 143.4



#78
n-propylbenzene
Concen: 2.81 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 91 Resp: 47571
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.7





#79

2-Chlorotoluene

Concen: 2.83 ug/l

RT: 12.908 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD069151.D

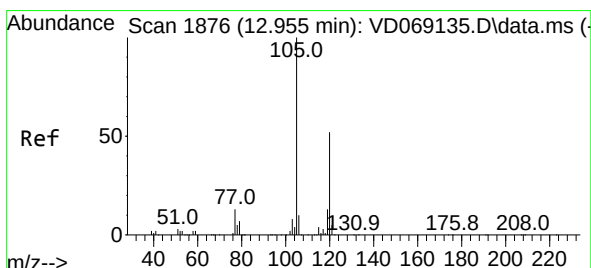
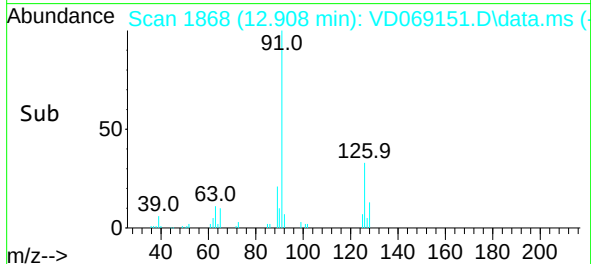
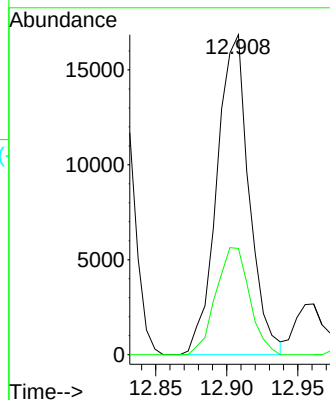
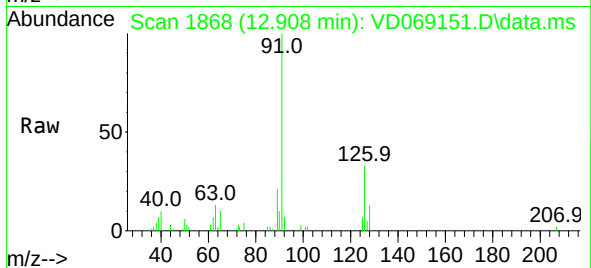
Acq: 13 May 2021 12:24

Tgt Ion: 91 Resp: 26643

Ion Ratio Lower Upper

91 100

126 34.9 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 2.56 ug/l

RT: 12.955 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VD069151.D

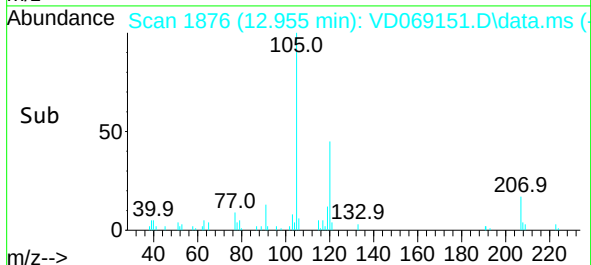
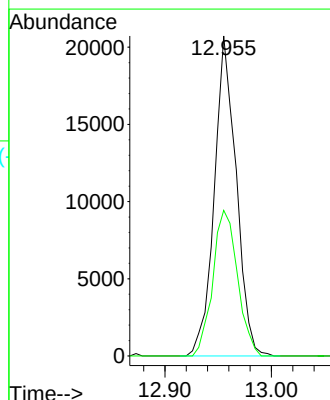
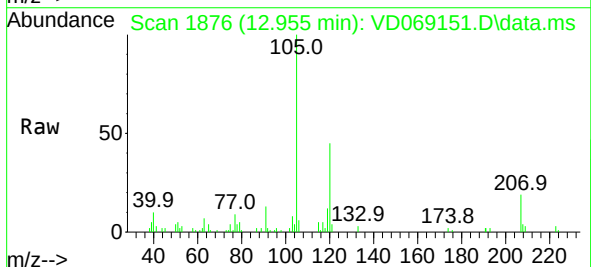
Acq: 13 May 2021 12:24

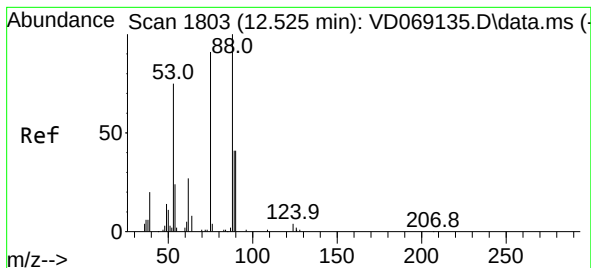
Tgt Ion:105 Resp: 29580

Ion Ratio Lower Upper

105 100

120 51.3 25.3 75.8

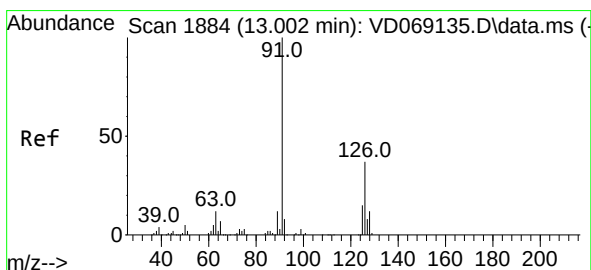
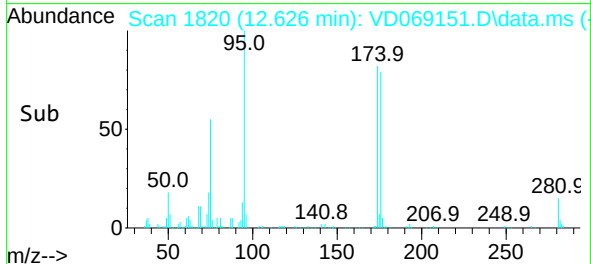
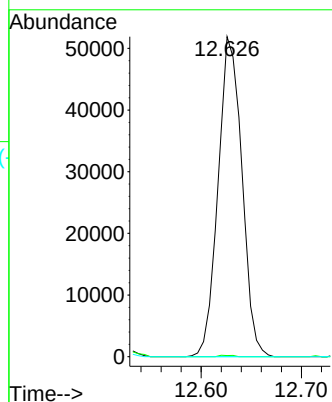
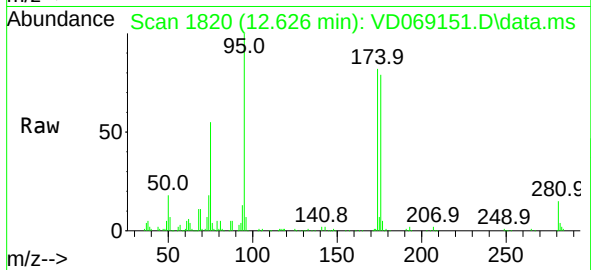




#81
trans-1,4-Dichloro-2-butene
Concen: 114.48 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

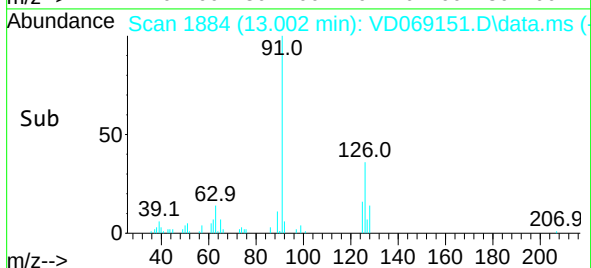
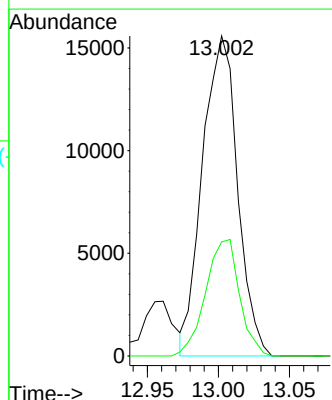
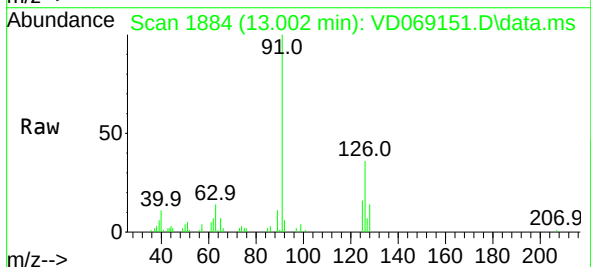
Instrument :
MSVOA_D
ClientSampleId :
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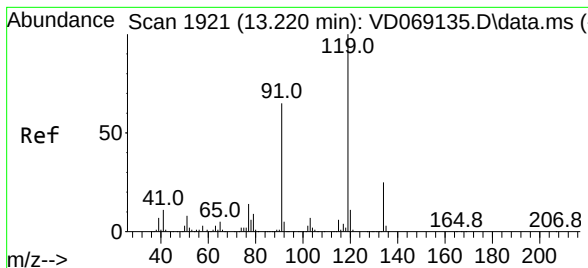
Tgt Ion: 75 Resp: 85579
Ion Ratio Lower Upper
75 100
53 0.3 70.0 105.0#
89 0.0 40.2 60.2#



#82
4-Chlorotoluene
Concen: 2.66 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion: 91 Resp: 26709
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1

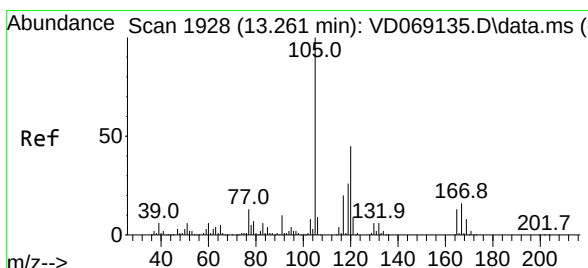
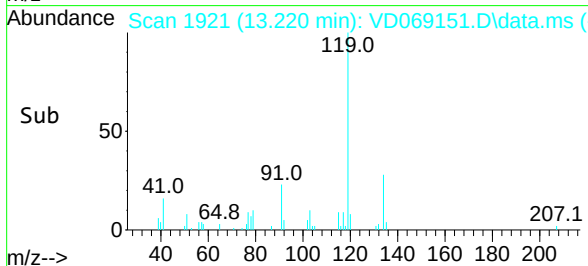
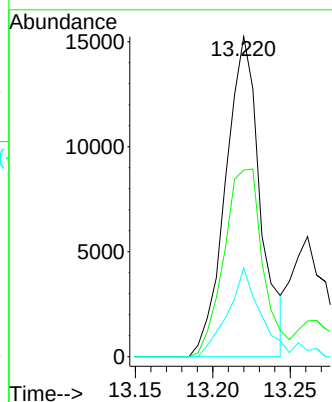
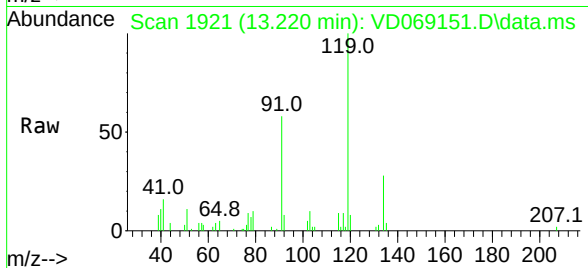




#83
tert-Butylbenzene
Concen: 2.46 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

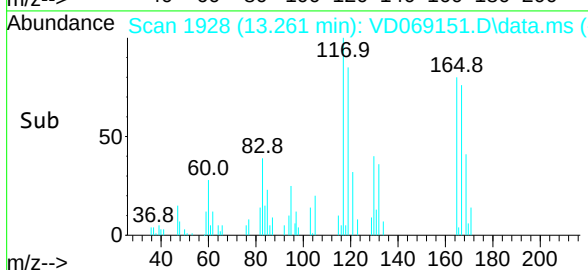
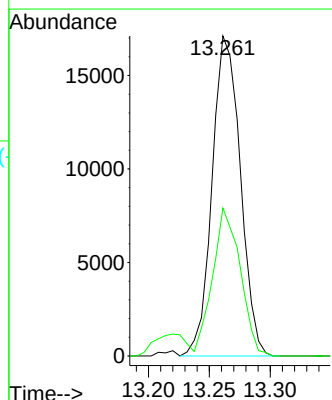
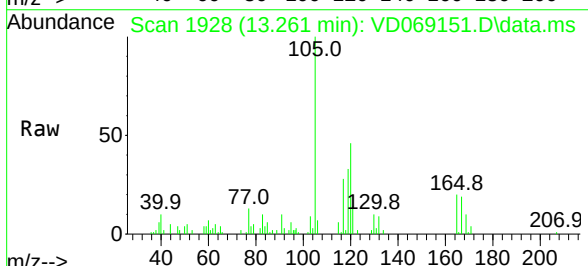
Instrument :
MSVOA_D
ClientSampleId :
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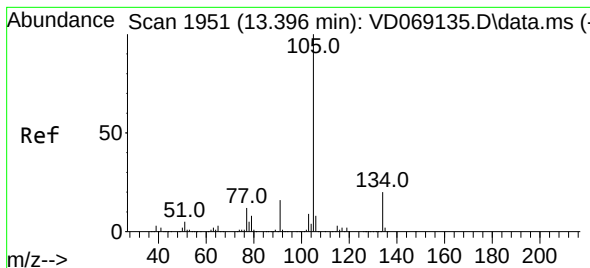
Tgt Ion:119 Resp: 23737
Ion Ratio Lower Upper
119 100
91 66.1 32.5 97.4
134 25.8 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 2.37 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:105 Resp: 27615
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4

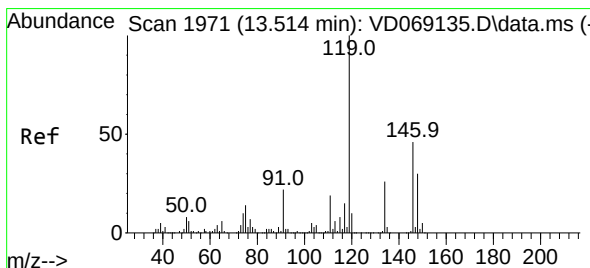
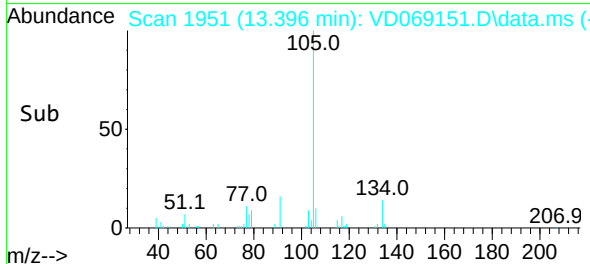
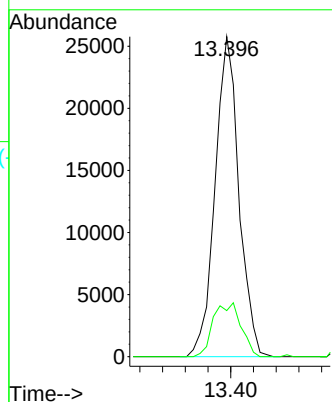
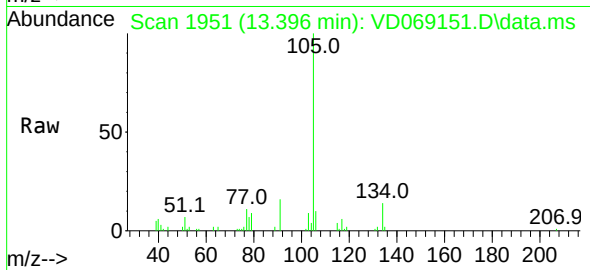




#85
 sec-Butylbenzene
 Concen: 2.59 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069151.D
 Acq: 13 May 2021 12:24

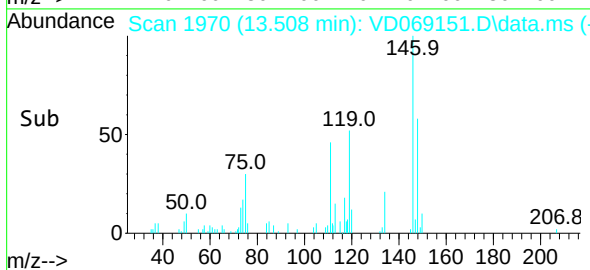
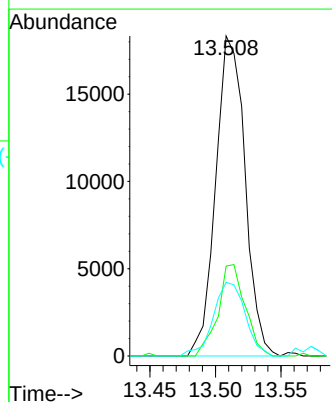
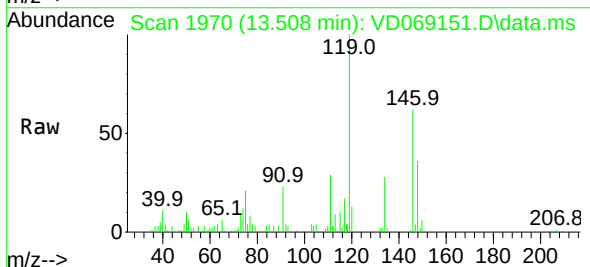
Instrument :
 MSVOA_D
 ClientSampleId :
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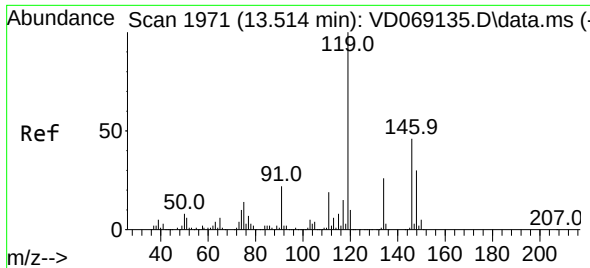
Tgt Ion:105 Resp: 37557
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 2.23 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD069151.D
 Acq: 13 May 2021 12:24

Tgt Ion:119 Resp: 28446
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 25.1 11.3 33.9

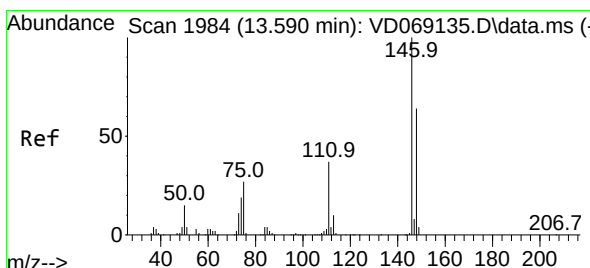
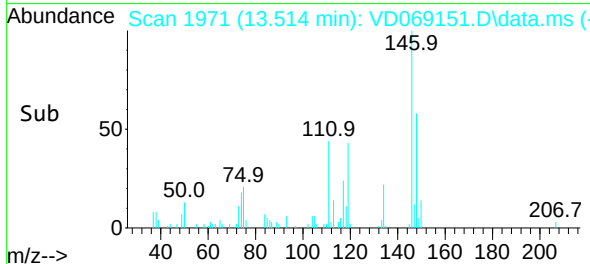
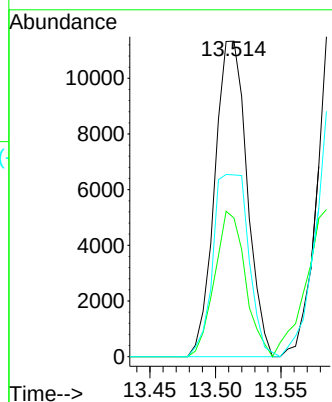
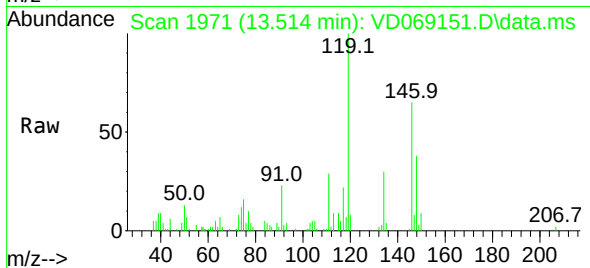




#87
1,3-Dichlorobenzene
Concen: 2.87 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

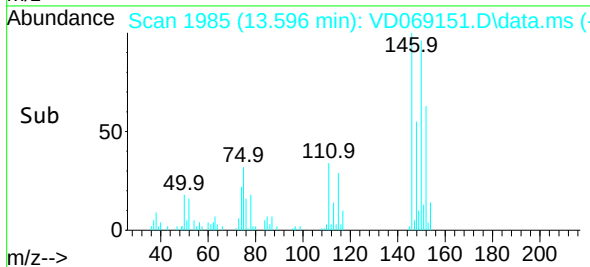
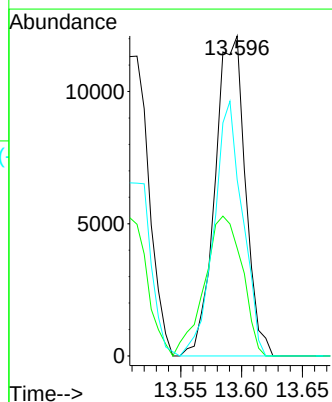
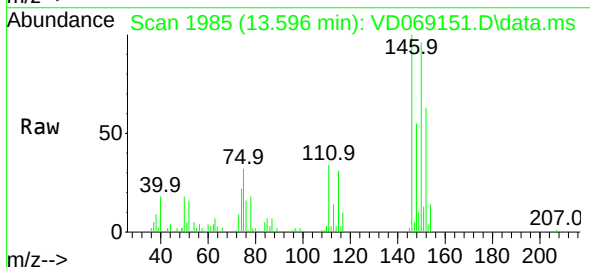
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

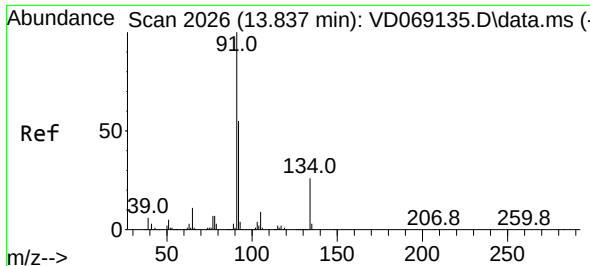
Tgt Ion:146 Resp: 19372
Ion Ratio Lower Upper
146 100
111 43.9 19.9 59.6
148 63.8 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 3.13 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:146 Resp: 20898
Ion Ratio Lower Upper
146 100
111 54.5 19.4 58.2
148 75.3 32.4 97.0

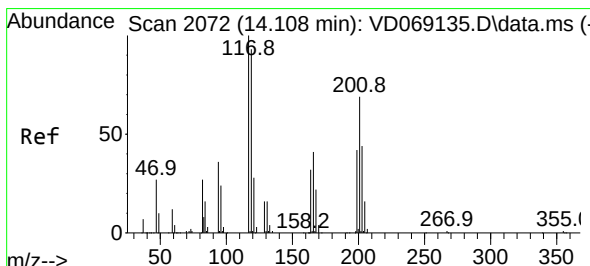
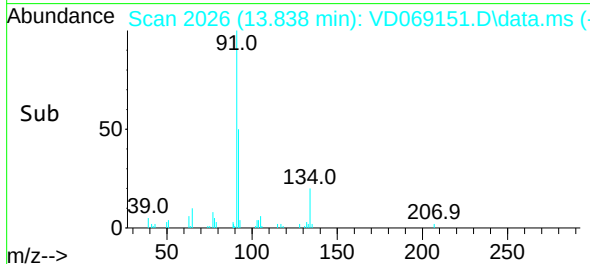
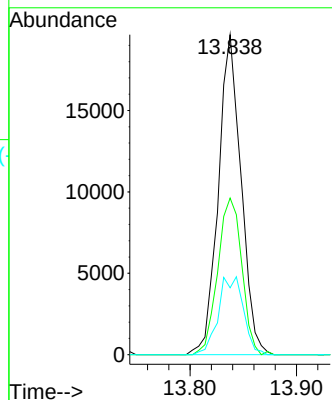
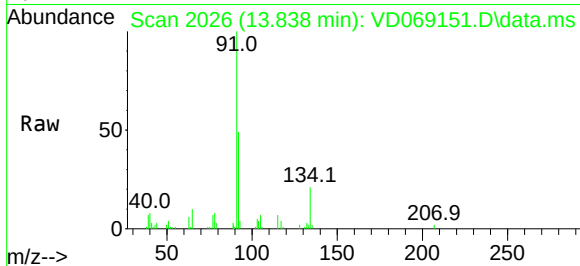




#89
n-Butylbenzene
Concen: 2.45 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

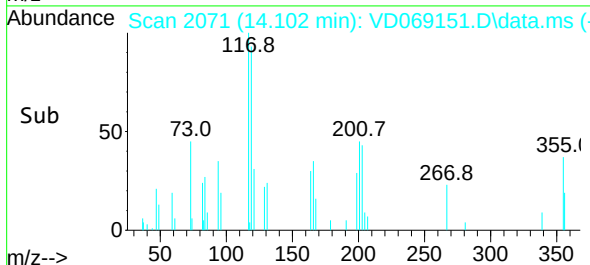
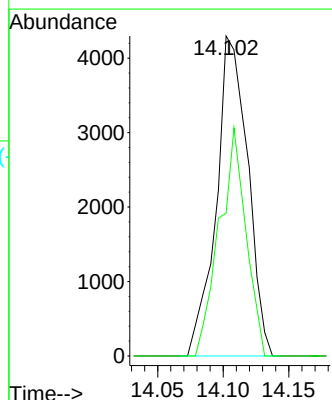
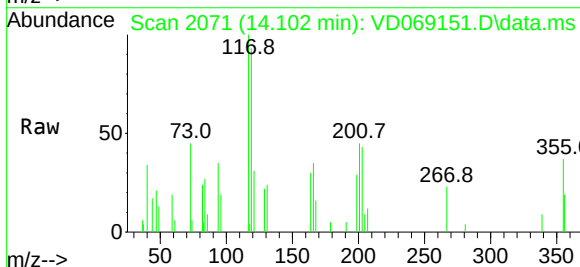
Instrument :
MSVOA_D
ClientSampleId :
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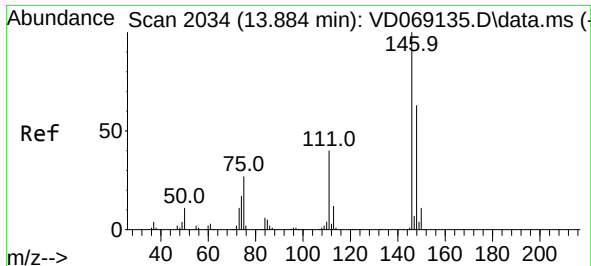
Tgt Ion:	91	Resp:	29088
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.5	79.5
134	27.0	13.0	39.0



#90
Hexachloroethane
Concen: 3.00 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:	117	Resp:	7174
Ion	Ratio	Lower	Upper
117	100		
201	60.3	35.4	106.1

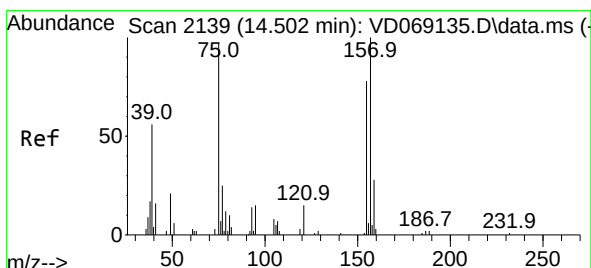
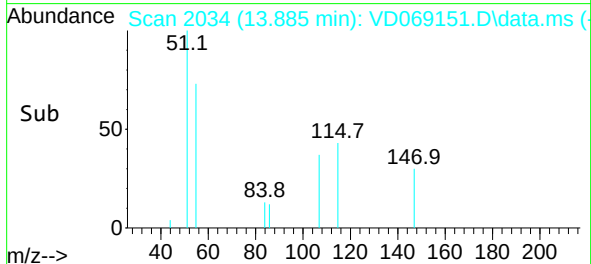
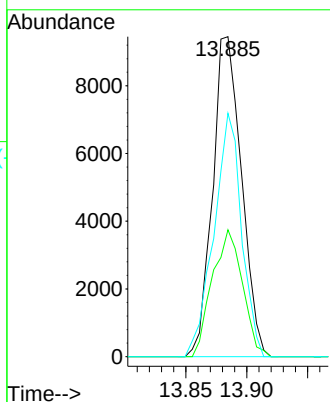
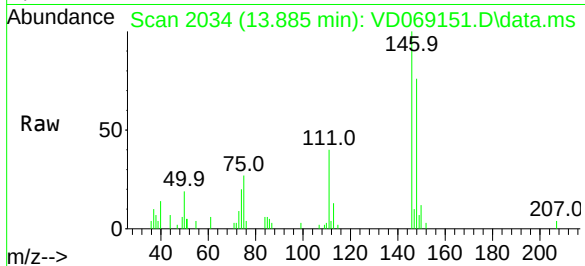




#91
1,2-Dichlorobenzene
Concen: 2.70 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

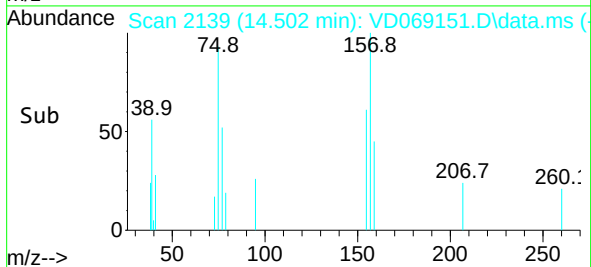
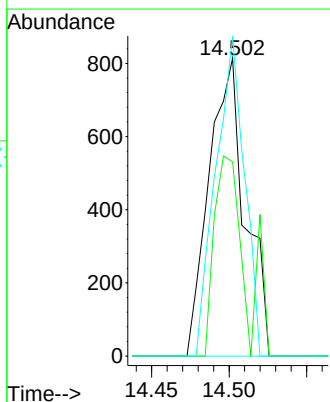
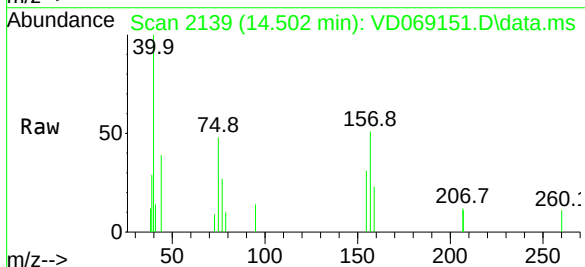
Instrument :
MSVOA_D
ClientSampleId :
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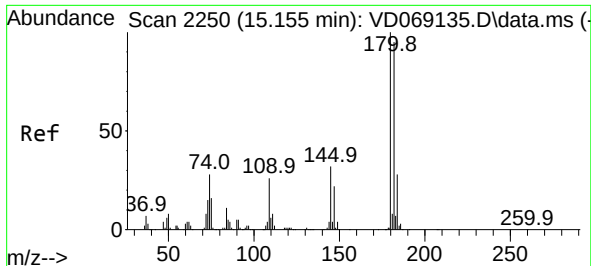
Tgt Ion:	146	Resp:	15622
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	72.7	31.3	93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.35 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:	75	Resp:	1323
Ion	Ratio	Lower	Upper
75	100		
155	46.2	43.9	131.7
157	85.0	54.9	164.7

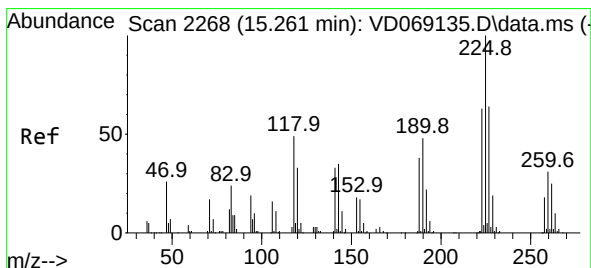
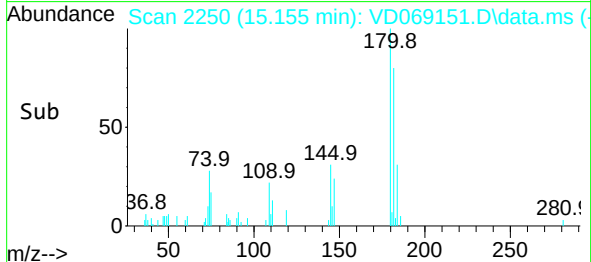
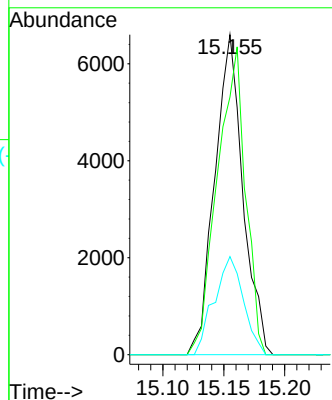
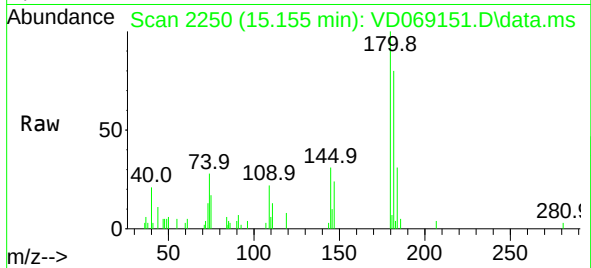




#93
1,2,4-Trichlorobenzene
Concen: 3.00 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

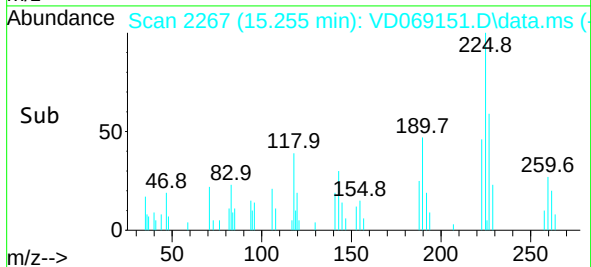
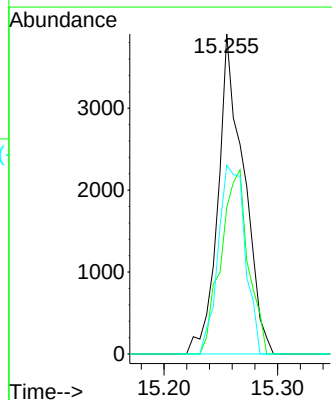
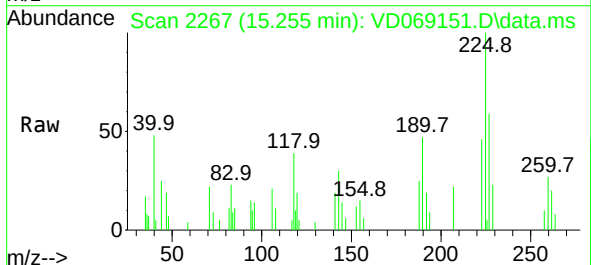
Instrument :
MSVOA_D
ClientSampleId :
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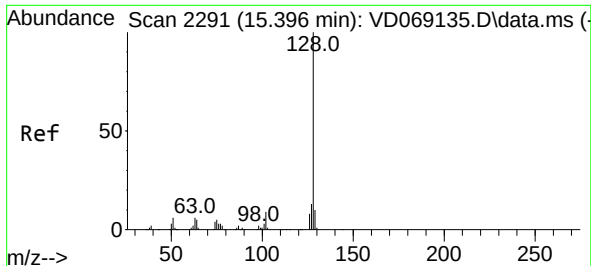
Tgt Ion:180 Resp: 10656
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 31.8 15.6 46.8



#94
Hexachlorobutadiene
Concen: 2.88 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:225 Resp: 6135
Ion Ratio Lower Upper
225 100
223 60.9 31.1 93.5
227 61.5 31.6 95.0

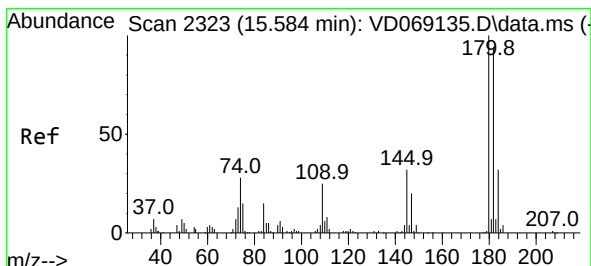
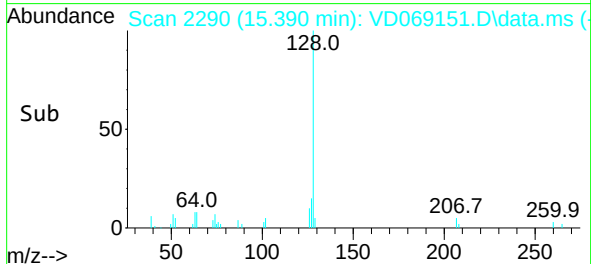
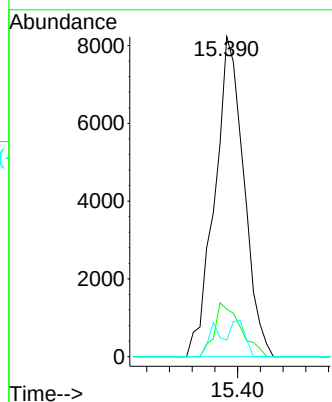
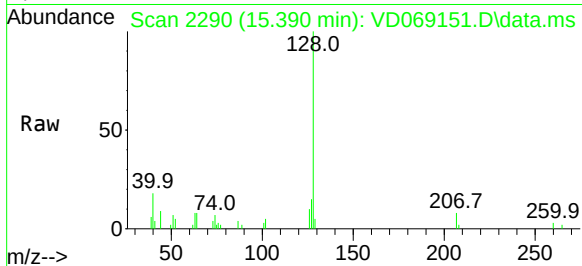




#95
Naphthalene
Concen: 2.46 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

Tgt Ion:128	Resp:	14644
Ion Ratio	Lower	Upper
128	100	
127	15.1	10.5 15.7
129	5.0	8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.70 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VD069151.D
Acq: 13 May 2021 12:24

Tgt Ion:180	Resp:	8191
Ion Ratio	Lower	Upper
180	100	
182	104.0	47.8 143.4
145	36.7	16.1 48.3

