

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
 Data File : VD068654.D
 Acq On : 18 Mar 2021 15:10
 Operator : VA/SY
 Sample : M1458-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Quant Time: Mar 19 01:27:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 19 01:27:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	227021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	394414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	360692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	190303	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	112009	49.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.76%
35) Dibromofluoromethane	7.914	113	117843	49.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.20%
50) Toluene-d8	10.344	98	437948	46.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.56%
62) 4-Bromofluorobenzene	12.632	95	147728	48.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.88%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	6487	2.94	ug/l	91
3) Chloromethane	2.209	50	8357	3.00	ug/l	97
4) Vinyl Chloride	2.350	62	9955	3.01	ug/l #	81
5) Bromomethane	2.773	94	8058	3.42	ug/l	95
6) Chloroethane	2.926	64	6614	3.09	ug/l	98
7) Trichlorofluoromethane	3.273	101	12437	3.30	ug/l	87
8) Diethyl Ether	3.715	74	2815	2.51	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	8060	3.51	ug/l	90
10) Methyl Iodide	4.297	142	5833	2.39	ug/l #	95
11) Tert butyl alcohol	5.214	59	1836m	15.16	ug/l	
12) 1,1-Dichloroethene	4.073	96	7312	3.21	ug/l	97
13) Acrolein	3.926	56	1678	9.69	ug/l #	68
14) Allyl chloride	4.714	41	8413	2.86	ug/l	91
15) Acrylonitrile	5.432	53	6640	14.01	ug/l	95
16) Acetone	4.167	43	5327	14.79	ug/l	98
17) Carbon Disulfide	4.414	76	22882	3.06	ug/l	99
18) Methyl Acetate	4.726	43	3273	3.52	ug/l #	80
19) Methyl tert-butyl Ether	5.479	73	13917	2.82	ug/l	98
20) Methylene Chloride	4.973	84	28230	9.23	ug/l	87
21) trans-1,2-Dichloroethene	5.485	96	8049m	2.96	ug/l	
22) Diisopropyl ether	6.367	45	15658	2.42	ug/l #	92
23) Vinyl Acetate	6.314	43	36532	10.86	ug/l	98
24) 1,1-Dichloroethane	6.267	63	14300	3.22	ug/l #	89
25) 2-Butanone	7.214	43	6696	12.93	ug/l	95
26) 2,2-Dichloropropane	7.208	77	11622	3.14	ug/l	99
27) cis-1,2-Dichloroethene	7.220	96	8838	2.96	ug/l	84
28) Bromochloromethane	7.561	49	5195	3.00	ug/l #	75
29) Tetrahydrofuran	7.567	42	4075	12.12	ug/l	93
30) Chloroform	7.708	83	14113	3.01	ug/l	100
31) Cyclohexane	7.985	56	15600	3.78	ug/l #	82
32) 1,1,1-Trichloroethane	7.903	97	12373	3.09	ug/l #	91
36) 1,1-Dichloropropene	8.114	75	11598	3.09	ug/l	91
37) Ethyl Acetate	7.303	43	3307	2.66	ug/l #	66
38) Carbon Tetrachloride	8.097	117	10817	3.07	ug/l	95
39) Methylcyclohexane	9.355	83	13767	2.98	ug/l	92
40) Benzene	8.350	78	32690	3.04	ug/l #	88

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	1671	2.31	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	8340	2.95	ug/l	99
43) Isopropyl Acetate	8.455	43	5889	2.58	ug/l #	96
44) Trichloroethene	9.108	130	9418	3.19	ug/l	88
45) 1,2-Dichloropropane	9.391	63	7336	2.85	ug/l	94
46) Dibromomethane	9.479	93	3803	2.72	ug/l	94
47) Bromodichloromethane	9.667	83	10158	2.81	ug/l	96
48) Methyl methacrylate	9.461	41	3293	2.70	ug/l	95
49) 1,4-Dioxane	9.461	88	760	47.65	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	13531	11.31	ug/l	99
52) Toluene	10.402	92	21548	3.14	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	8737	2.61	ug/l	91
54) cis-1,3-Dichloropropene	10.091	75	11249	2.76	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	5837	3.02	ug/l	95
56) Ethyl methacrylate	10.661	69	5189	2.33	ug/l #	90
57) 1,3-Dichloropropane	10.944	76	10033	2.97	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.944	63	16500	14.78	ug/l	92
59) 2-Hexanone	10.985	43	9676	12.13	ug/l	86
60) Dibromochloromethane	11.138	129	6633	2.77	ug/l	93
61) 1,2-Dibromoethane	11.249	107	5127	2.71	ug/l	99
64) Tetrachloroethene	10.879	164	8292	3.52	ug/l #	81
65) Chlorobenzene	11.673	112	22713	3.09	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.743	131	7378	2.89	ug/l	96
67) Ethyl Benzene	11.743	91	37355	2.85	ug/l	94
68) m/p-Xylenes	11.849	106	27817	5.59	ug/l	93
69) o-Xylene	12.185	106	12404	2.70	ug/l	88
70) Styrene	12.191	104	20288	2.59	ug/l	97
71) Bromoform	12.355	173	3900	3.01	ug/l #	99
73) Isopropylbenzene	12.479	105	34714	2.46	ug/l	96
74) N-amyl acetate	12.285	43	4592	1.91	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	6784	2.79	ug/l	91
76) 1,2,3-Trichloropropane	12.779	75	3426m	2.03	ug/l	
77) Bromobenzene	12.761	156	9259	2.87	ug/l	94
78) n-propylbenzene	12.820	91	46482	2.76	ug/l	97
79) 2-Chlorotoluene	12.908	91	25302	2.70	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	30110	2.60	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	1933m	2.67	ug/l	
82) 4-Chlorotoluene	13.002	91	26227	2.66	ug/l	96
83) tert-Butylbenzene	13.220	119	24687	2.51	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	29489	2.55	ug/l	100
85) sec-Butylbenzene	13.396	105	36683	2.64	ug/l	99
86) p-Isopropyltoluene	13.514	119	33642	2.66	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	18819	3.03	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	19588	3.18	ug/l	88
89) n-Butylbenzene	13.843	91	33949	2.79	ug/l	94
90) Hexachloroethane	14.102	117	6635	2.64	ug/l	86
91) 1,2-Dichlorobenzene	13.885	146	15462	2.90	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1112	2.60	ug/l	90
93) 1,2,4-Trichlorobenzene	15.161	180	11553	2.80	ug/l	97
94) Hexachlorobutadiene	15.261	225	6299	2.75	ug/l	94
95) Naphthalene	15.396	128	19229	2.58	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	9491	2.66	ug/l	96

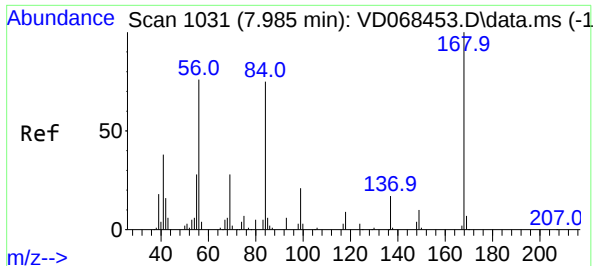
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Quant Title : SW846 8260
QLast Update : Fri Mar 19 01:27:22 2021
Response via : Initial Calibration

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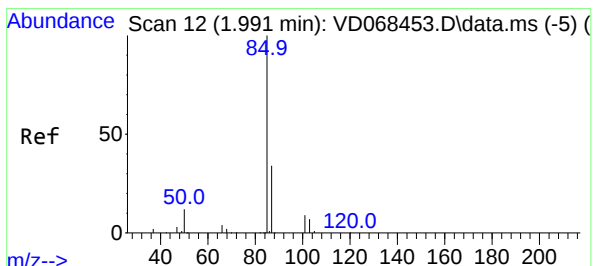
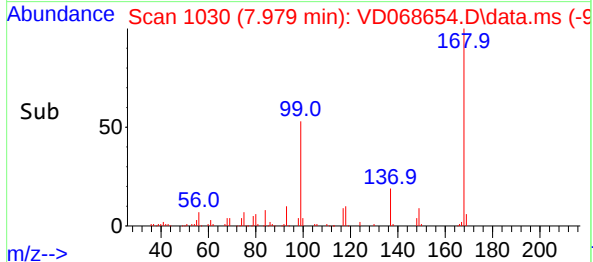
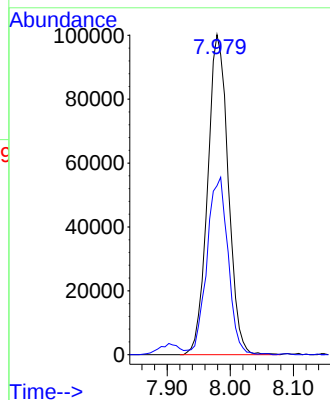
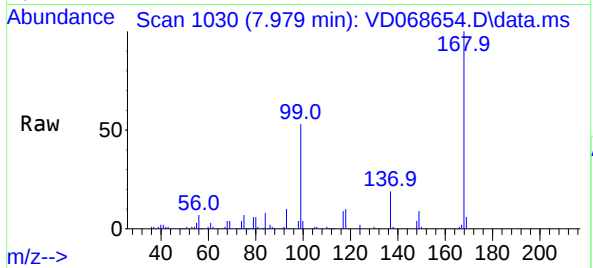
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

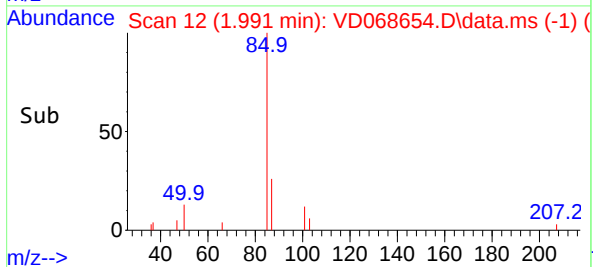
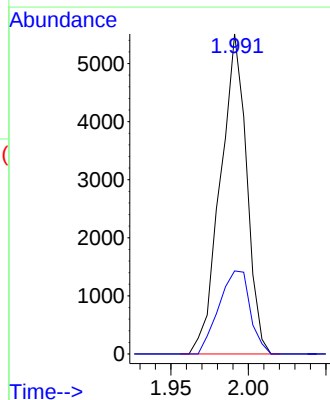
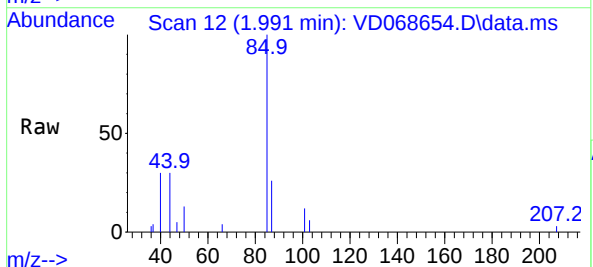
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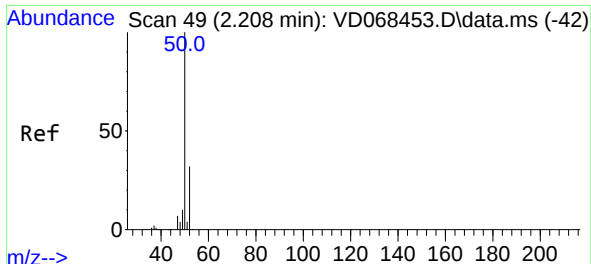
Tgt Ion:168 Resp: 227021
Ion Ratio Lower Upper
168 100
99 52.6 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 2.94 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 85 Resp: 6487
Ion Ratio Lower Upper
85 100
87 26.0 15.4 46.1

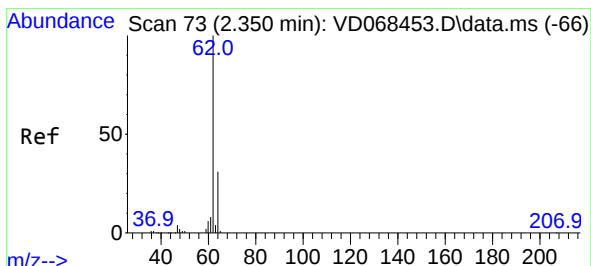
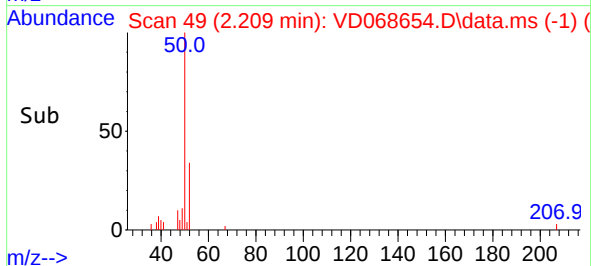
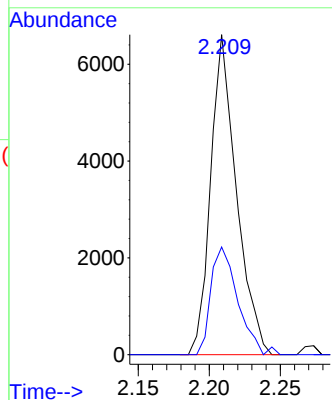
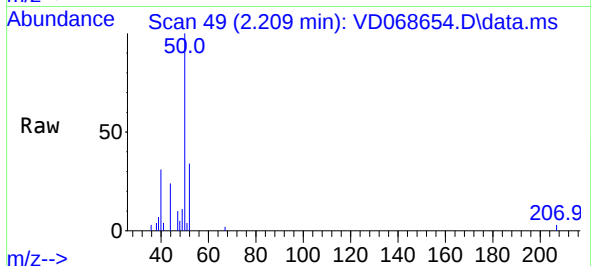




#3
Chloromethane
Concen: 3.00 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

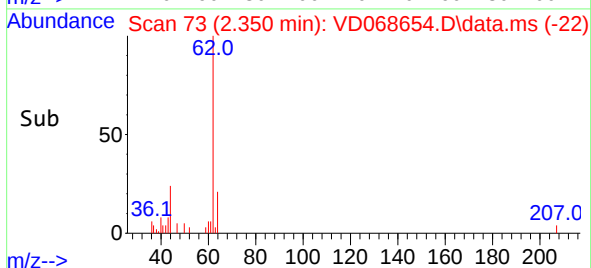
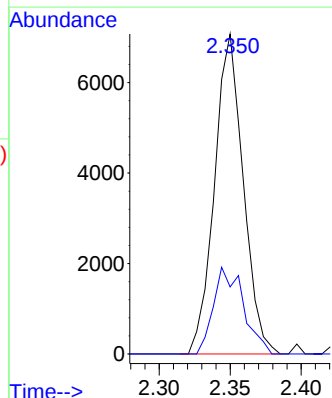
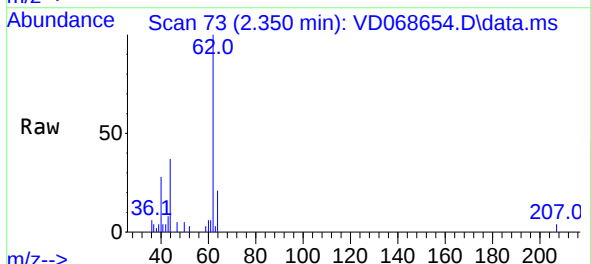
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

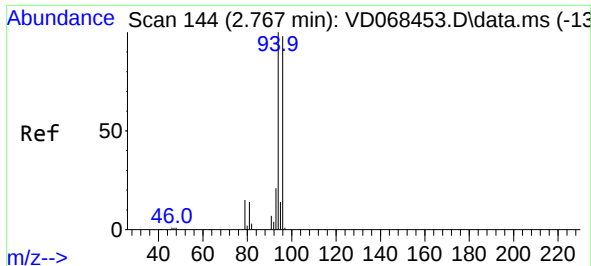
Tgt Ion: 50 Resp: 8357
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 3.01 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 62 Resp: 9955
Ion Ratio Lower Upper
62 100
64 21.0 25.4 38.2#

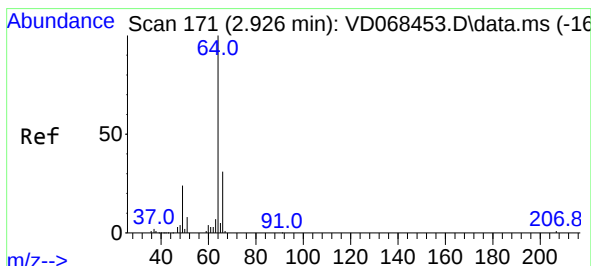
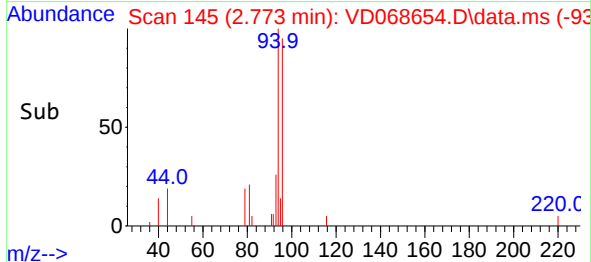
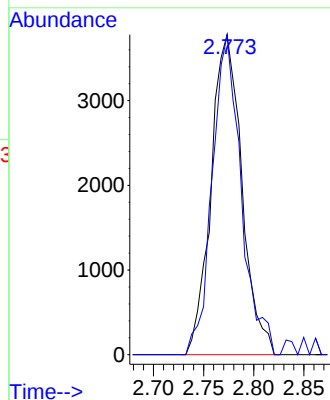
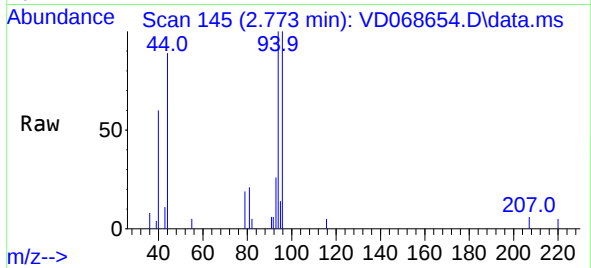




#5
Bromomethane
Concen: 3.42 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

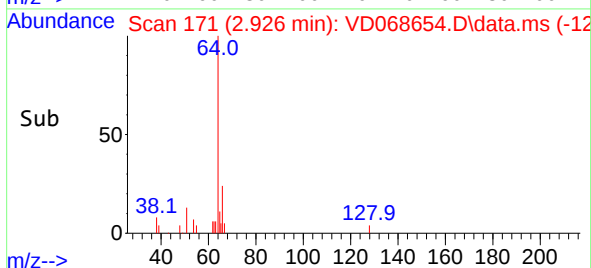
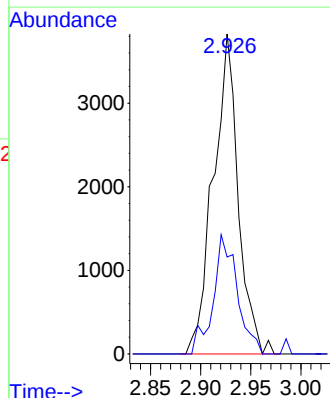
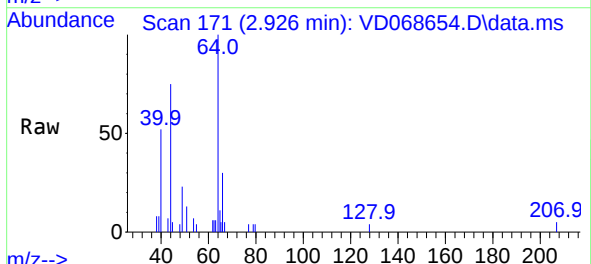
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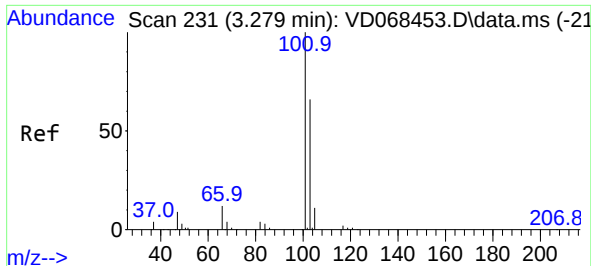
Tgt Ion: 94 Resp: 8058
Ion Ratio Lower Upper
94 100
96 99.8 75.8 113.8



#6
Chloroethane
Concen: 3.09 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 64 Resp: 6614
Ion Ratio Lower Upper
64 100
66 30.3 25.1 37.7

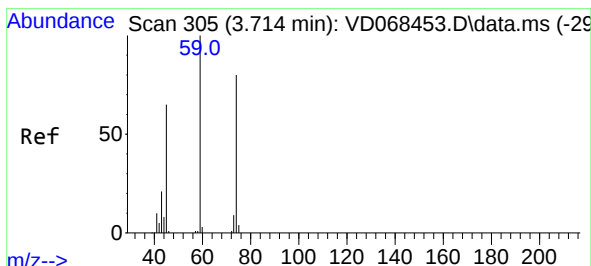
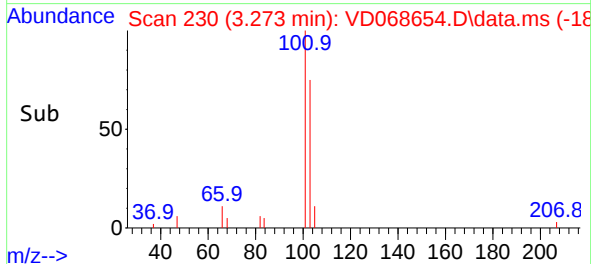
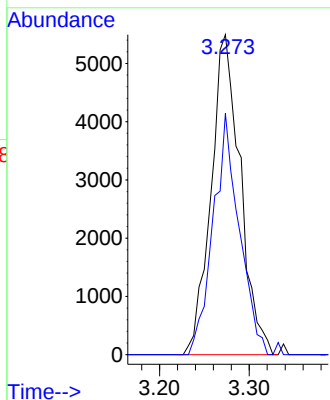
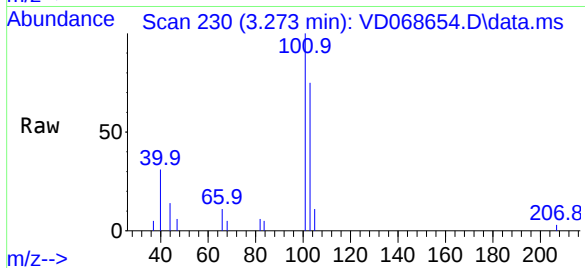




#7
Trichlorofluoromethane
Concen: 3.30 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

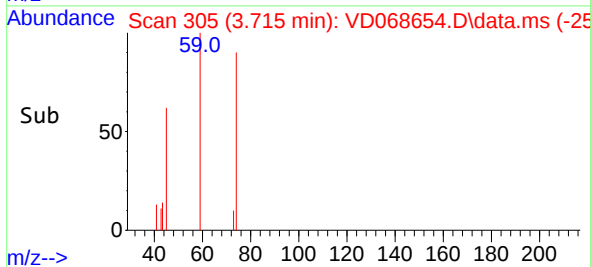
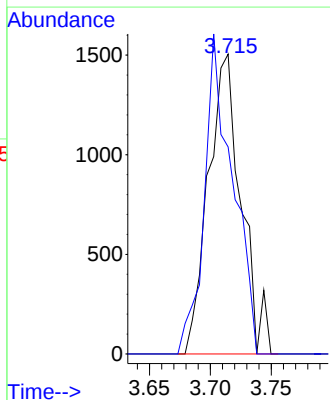
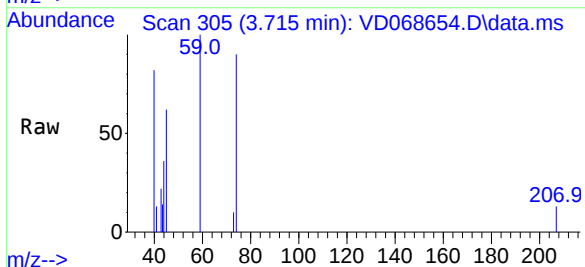
Instrument :
MSVOA_D
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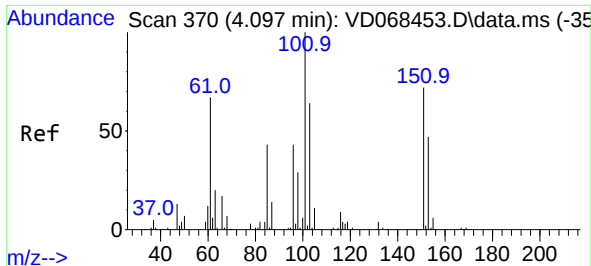
Tgt Ion:101 Resp: 12437
Ion Ratio Lower Upper
101 100
103 75.4 52.0 78.0



#8
Diethyl Ether
Concen: 2.51 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 74 Resp: 2815
Ion Ratio Lower Upper
74 100
45 91.7 42.1 126.4

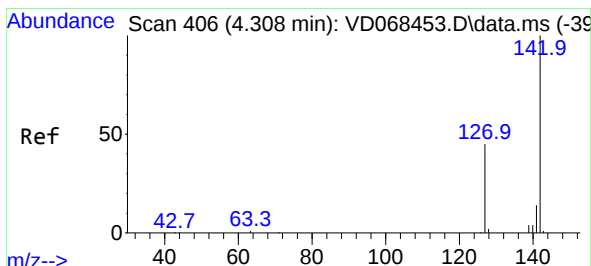
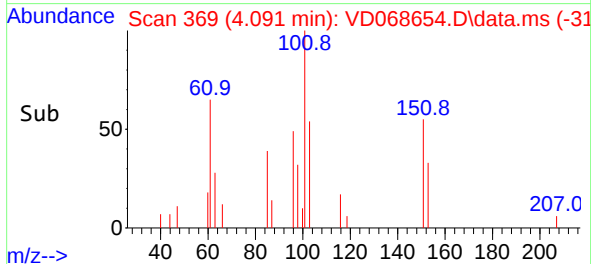
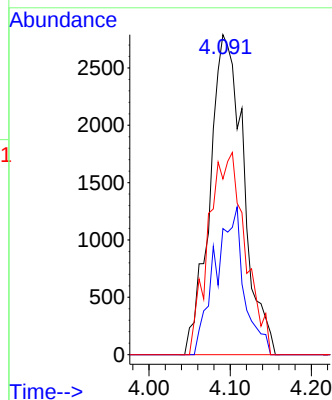
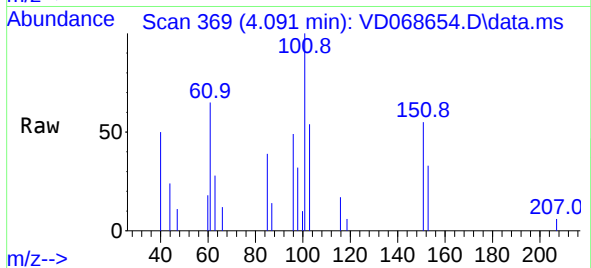




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.51 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

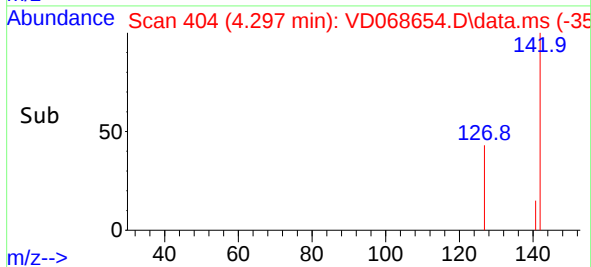
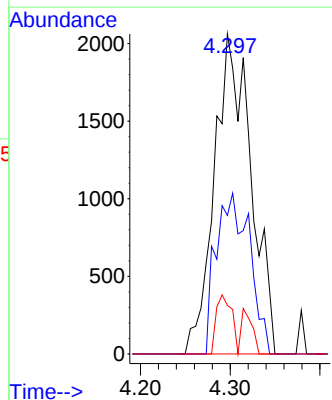
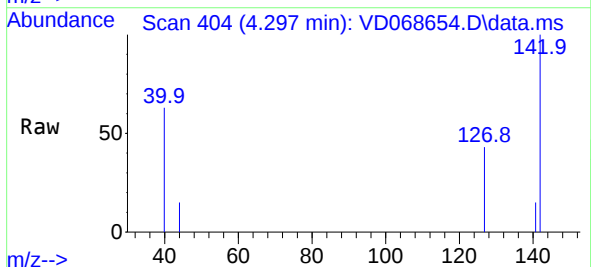
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

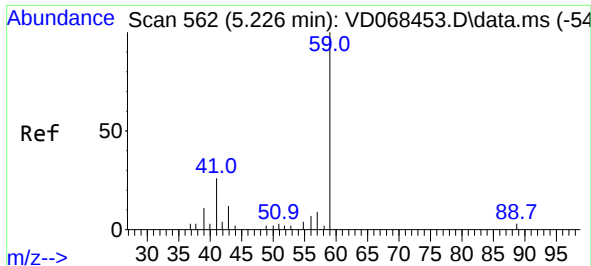
Tgt Ion:	101	Resp:	8060
Ion	Ratio	Lower	Upper
101	100		
85	39.5	34.0	51.0
151	68.8	64.1	96.1



#10
Methyl Iodide
Concen: 2.39 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	142	Resp:	5833
Ion	Ratio	Lower	Upper
142	100		
127	46.0	37.9	56.9
141	7.8	11.5	17.3



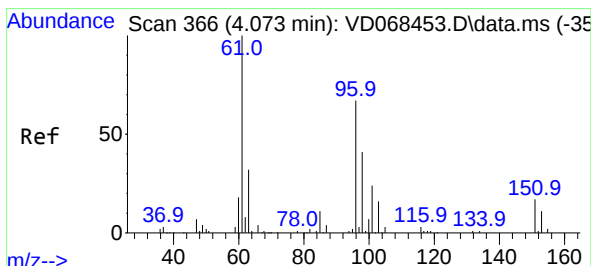
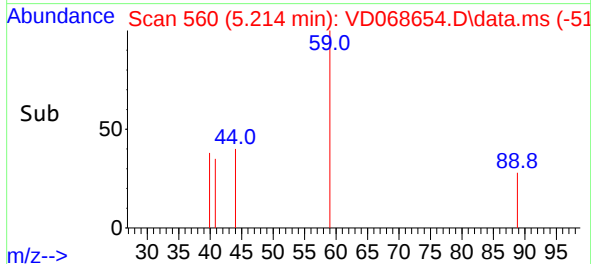
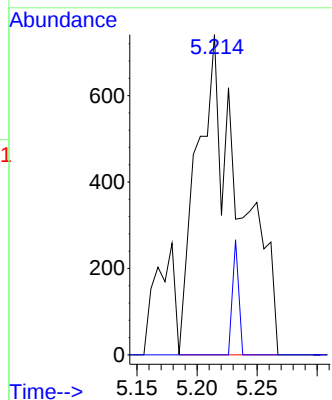
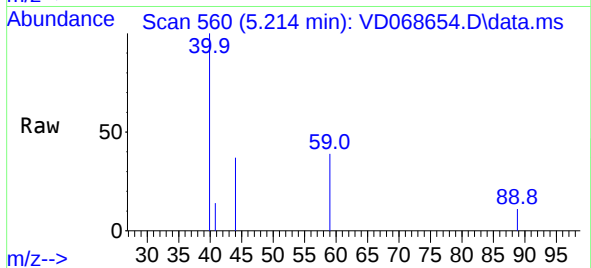


#11

Tert butyl alcohol
Concen: 15.16 ug/l m
RT: 5.214 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Instrument :
MSVOA_D
ClientSampleId :
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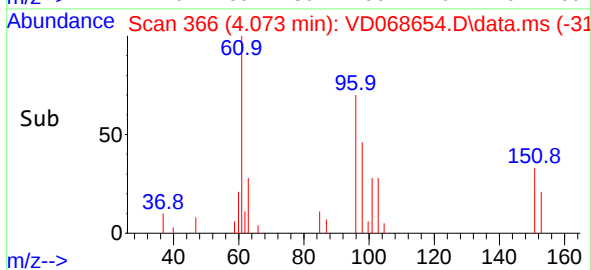
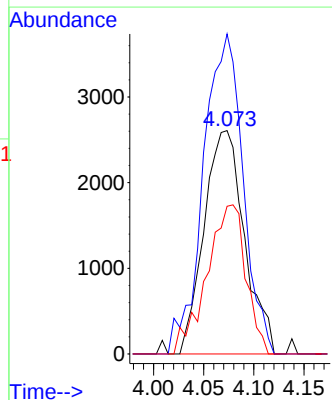
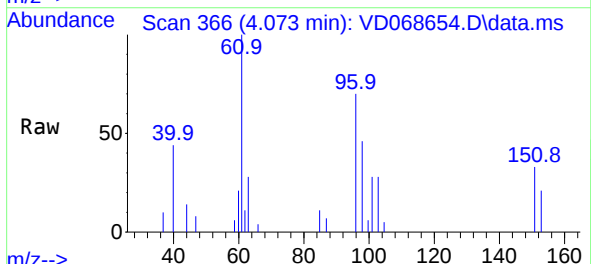
Tgt Ion: 59 Resp: 1836
Ion Ratio Lower Upper
59 100
57 5.1 7.4 11.2#

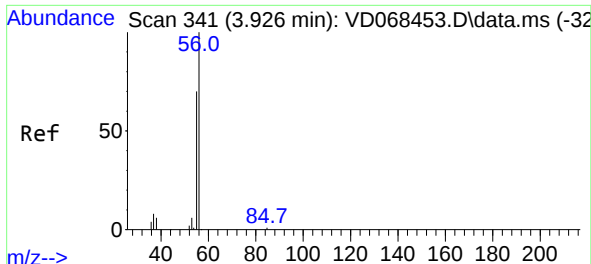


#12

1,1-Dichloroethene
Concen: 3.21 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 96 Resp: 7312
Ion Ratio Lower Upper
96 100
61 143.3 116.2 174.4
98 66.1 48.6 73.0

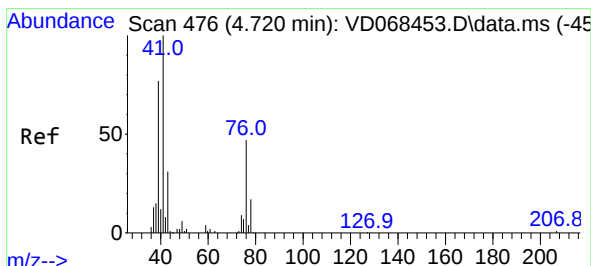
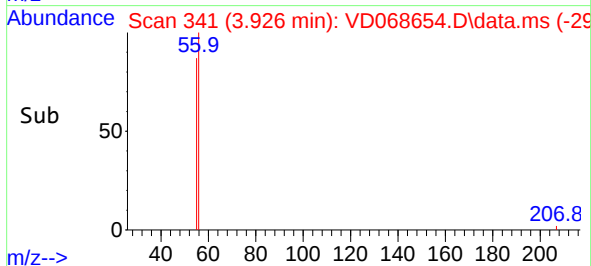
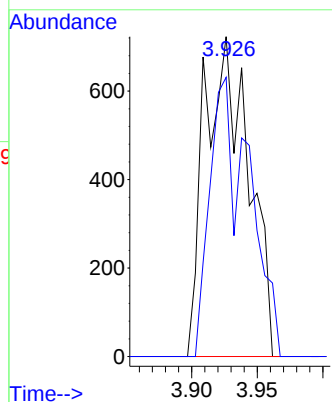
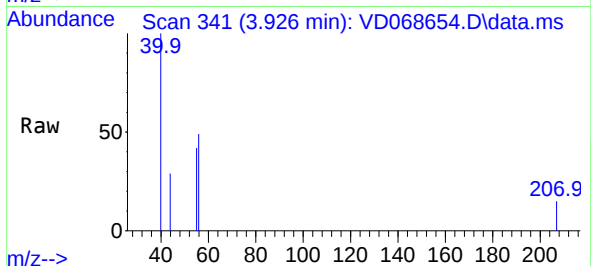




#13
Acrolein
Concen: 9.69 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

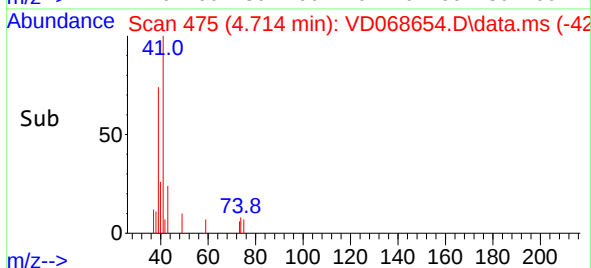
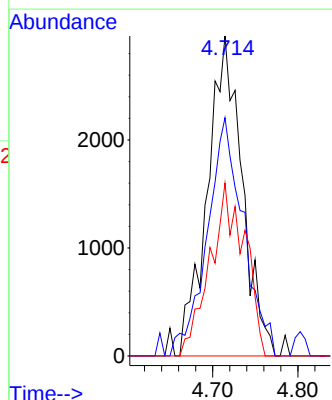
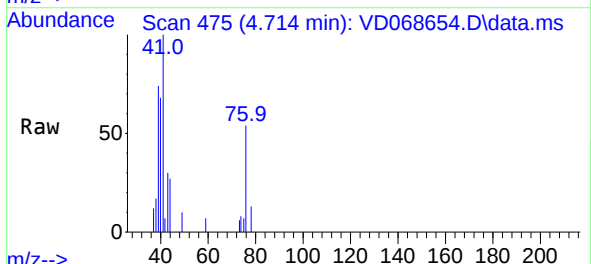
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

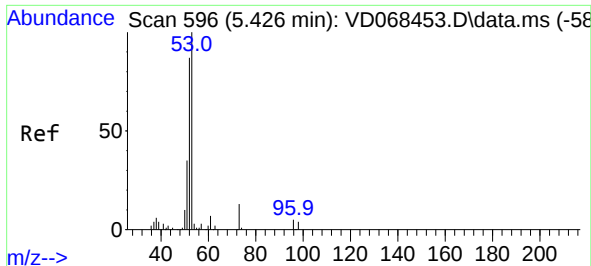
Tgt Ion: 56 Resp: 1678
Ion Ratio Lower Upper
56 100
55 44.5 56.5 84.7#



#14
Allyl chloride
Concen: 2.86 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 41 Resp: 8413
Ion Ratio Lower Upper
41 100
39 77.7 56.3 84.5
76 54.1 38.9 58.3

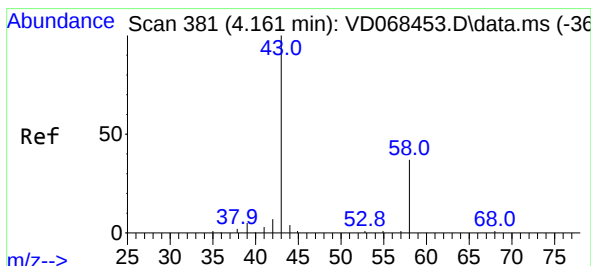
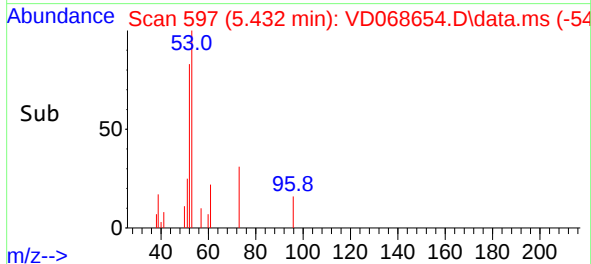
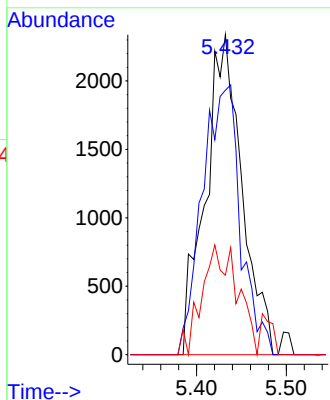
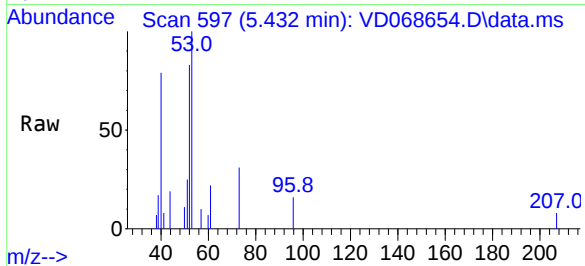




#15
Acrylonitrile
Concen: 14.01 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

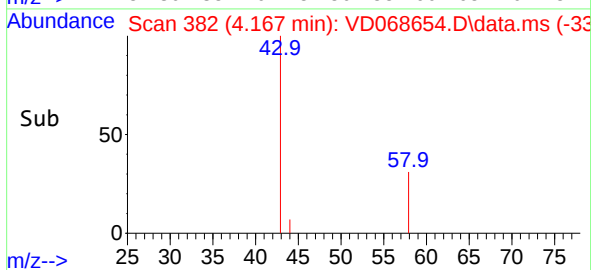
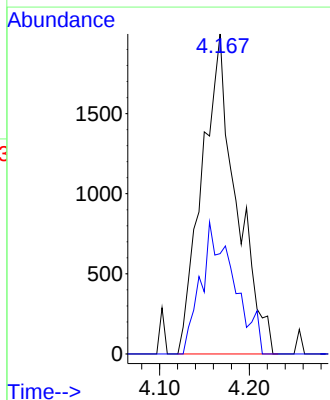
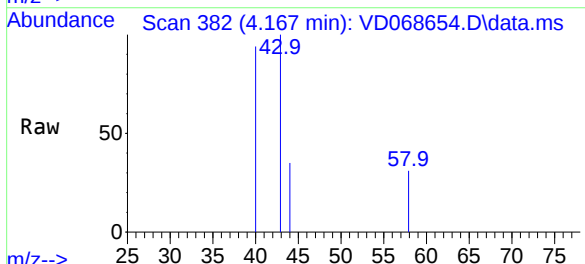
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

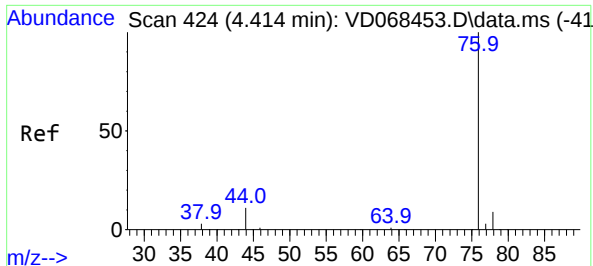
Tgt Ion:	53	Resp:	6640
Ion	Ratio	Lower	Upper
53	100		
52	87.6	66.2	99.2
51	33.2	29.0	43.4



#16
Acetone
Concen: 14.79 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	43	Resp:	5327
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.2	36.4

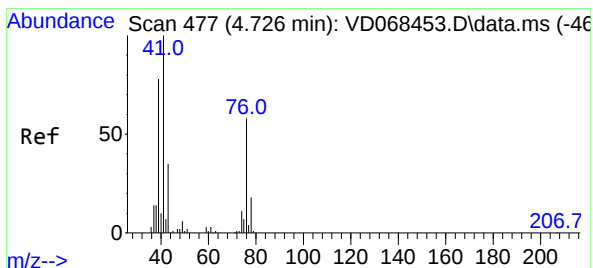
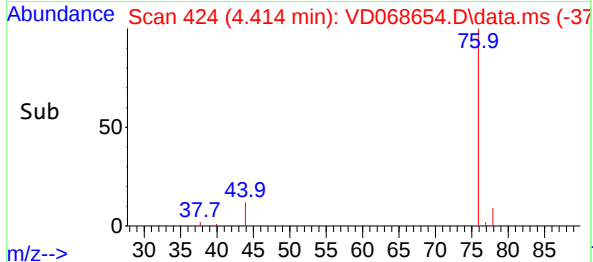
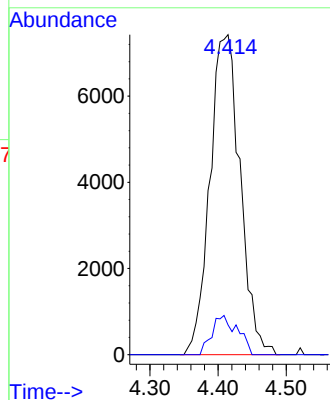
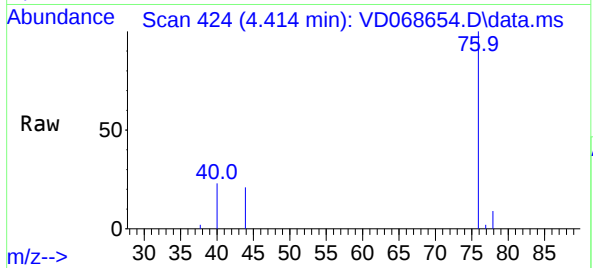




#17
Carbon Disulfide
Concen: 3.06 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

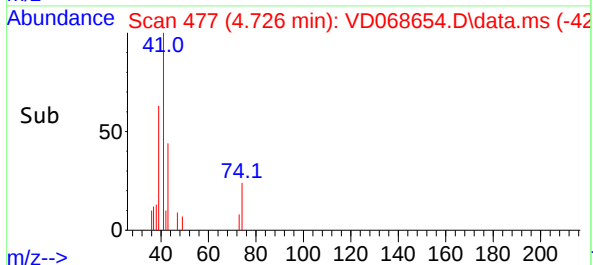
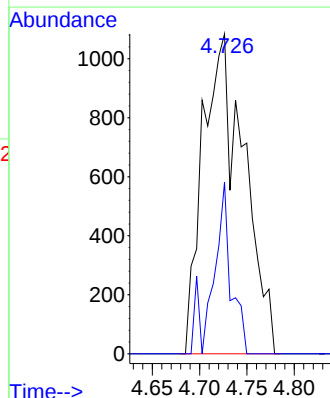
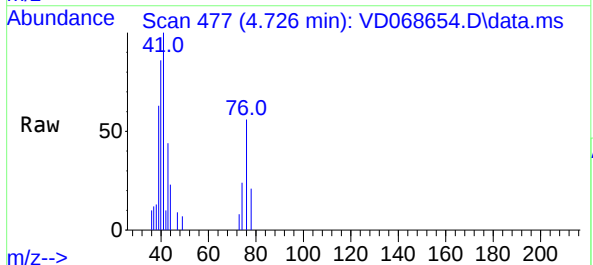
Instrument :
MSVOA_D
ClientSampleId :
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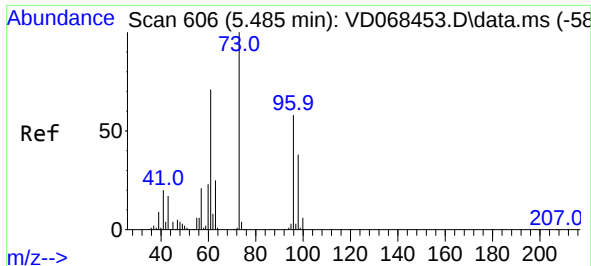
Tgt Ion: 76 Resp: 22882
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 3.52 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 43 Resp: 3273
Ion Ratio Lower Upper
43 100
74 20.4 25.4 38.0#

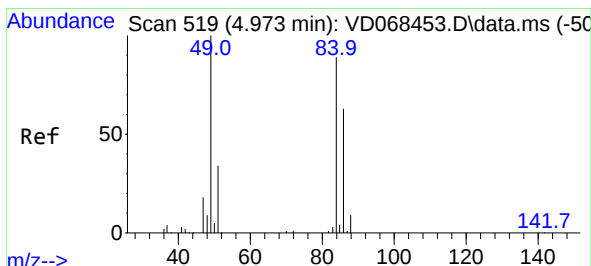
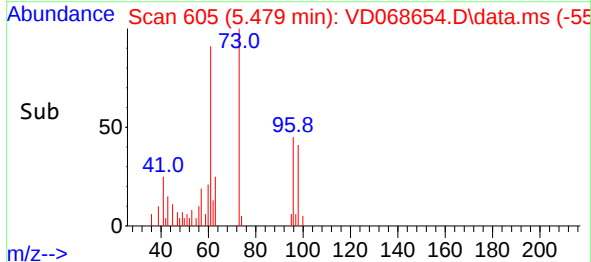
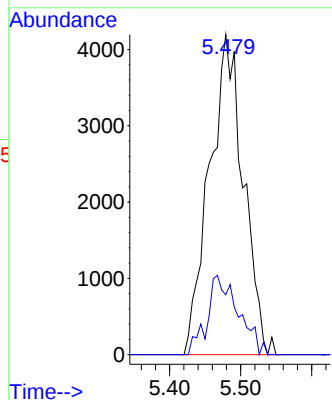
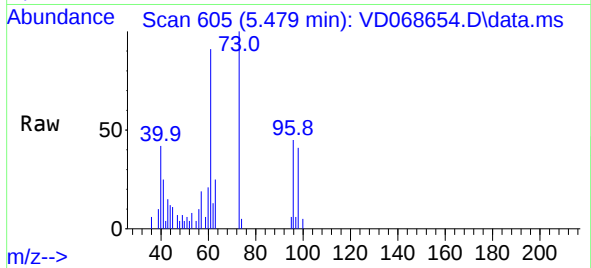




#19
Methyl tert-butyl Ether
Concen: 2.82 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

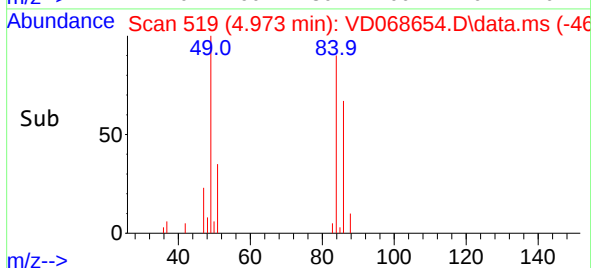
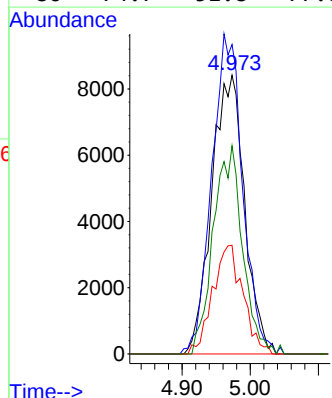
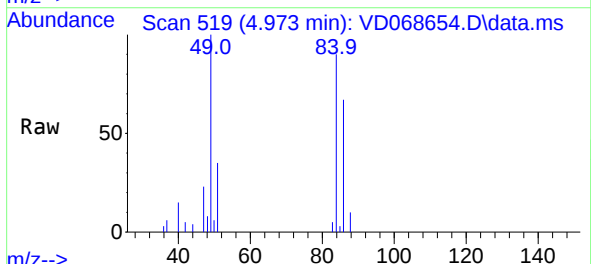
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

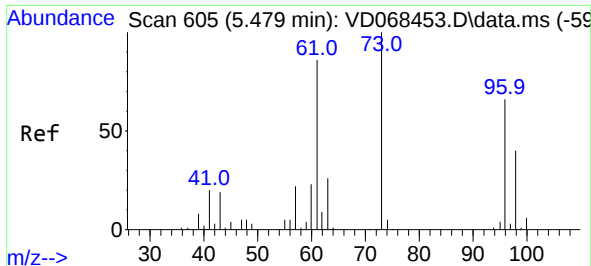
Tgt Ion: 73 Resp: 13917
Ion Ratio Lower Upper
73 100
57 18.8 14.4 21.6



#20
Methylene Chloride
Concen: 9.23 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 84 Resp: 28230
Ion Ratio Lower Upper
84 100
49 111.0 77.4 116.2
51 39.0 26.1 39.1
86 74.7 51.8 77.8

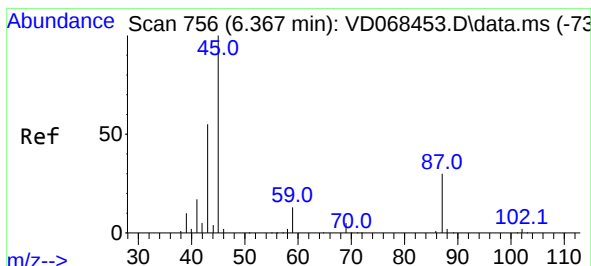
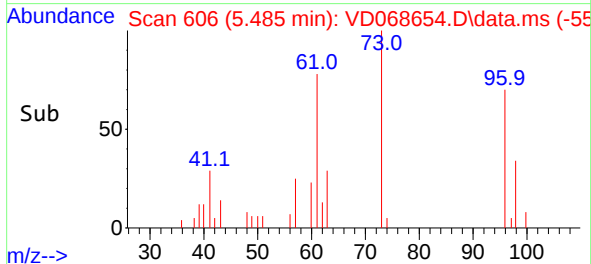
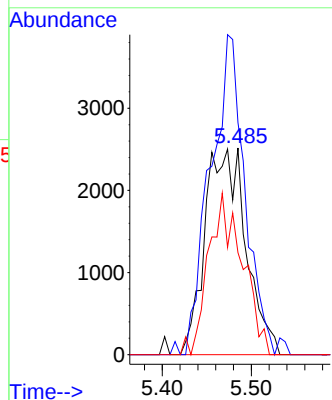
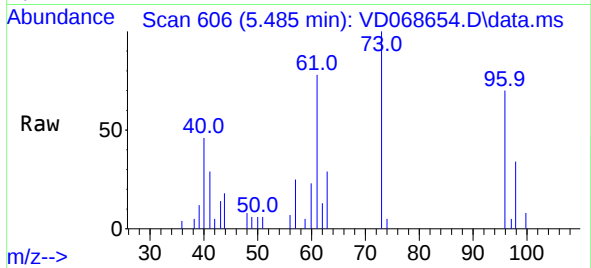




#21
trans-1,2-Dichloroethene
Concen: 2.96 ug/l m
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

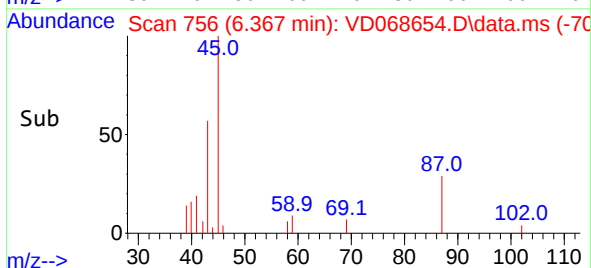
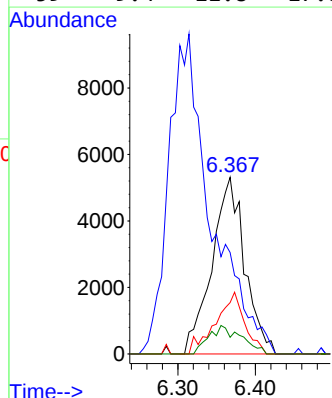
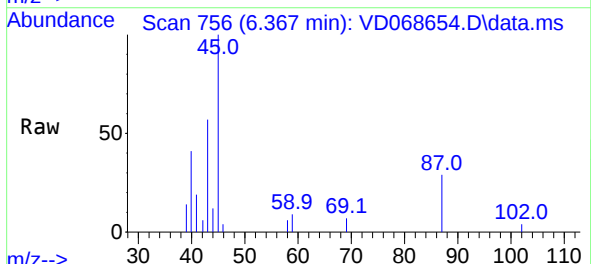
Instrument :
MSVOA_D
ClientSampleId :
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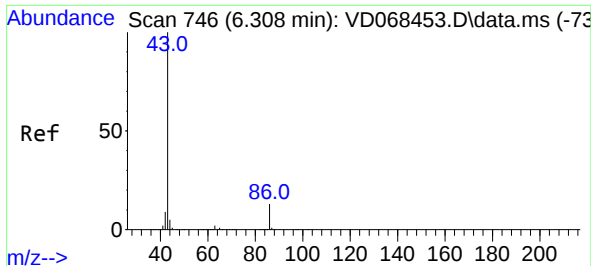
Tgt Ion: 96 Resp: 8049
Ion Ratio Lower Upper
96 100
61 112.3 96.7 145.1
98 49.3 47.6 71.4



#22
Diisopropyl ether
Concen: 2.42 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 45 Resp: 15658
Ion Ratio Lower Upper
45 100
43 57.4 43.9 65.9
87 29.1 29.9 44.9#
59 9.4 11.8 17.8#

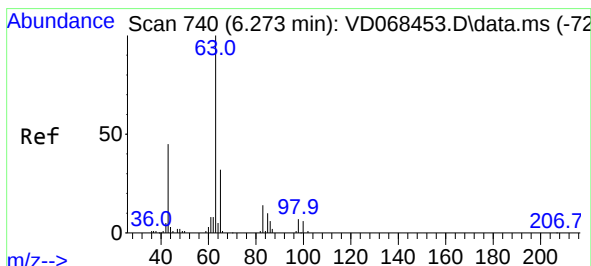
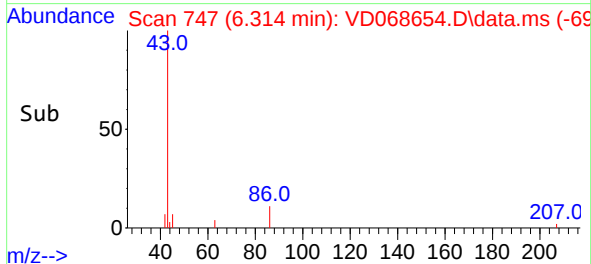
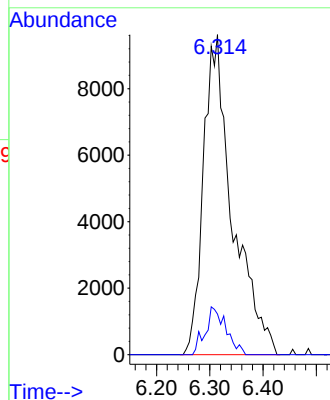
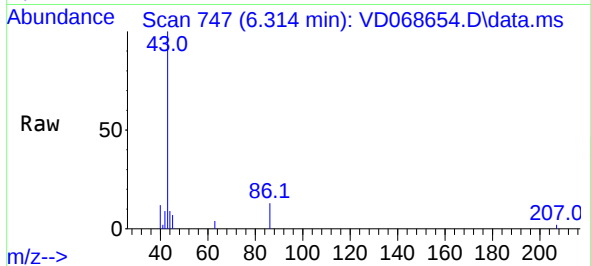




#23
 Vinyl Acetate
 Concen: 10.86 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. 0.006 min
 Lab File: VD068654.D
 Acq: 18 Mar 2021 15:10

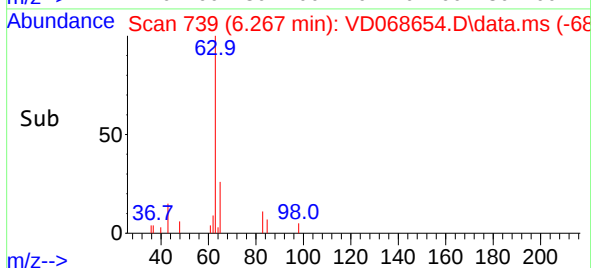
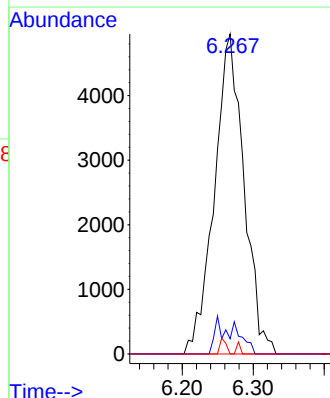
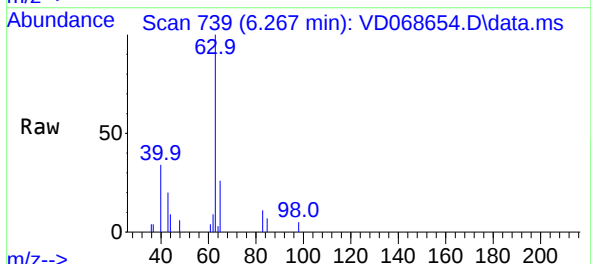
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

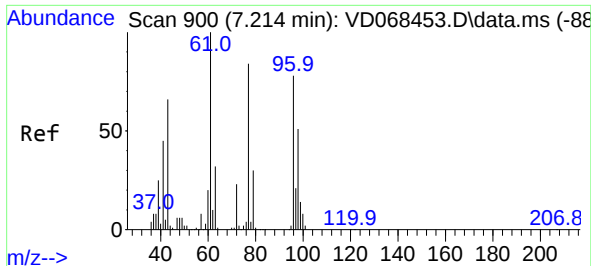
Tgt Ion: 43 Resp: 36532
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 3.22 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068654.D
 Acq: 18 Mar 2021 15:10

Tgt Ion: 63 Resp: 14300
 Ion Ratio Lower Upper
 63 100
 98 4.7 3.8 11.4
 100 0.0 2.6 8.0#

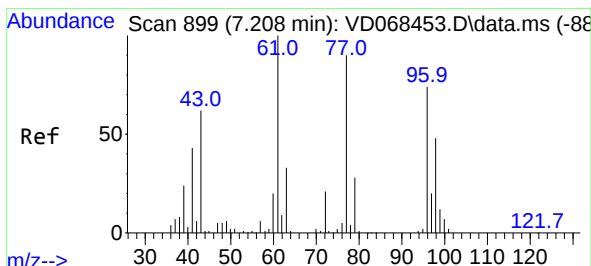
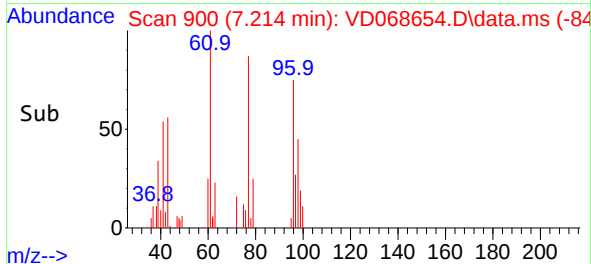
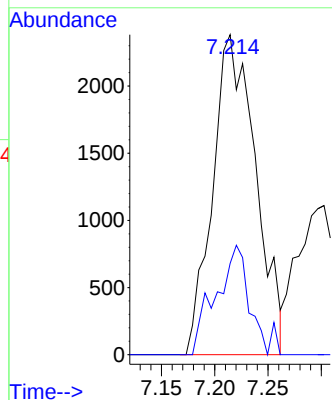
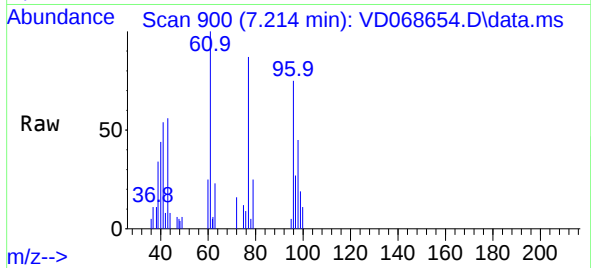




#25
2-Butanone
Concen: 12.93 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

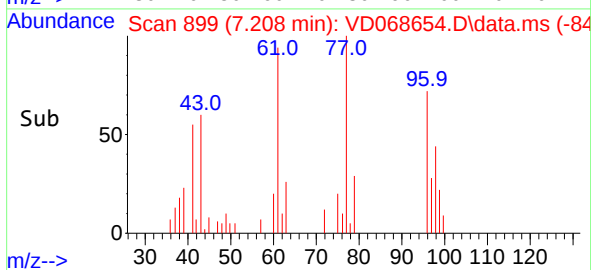
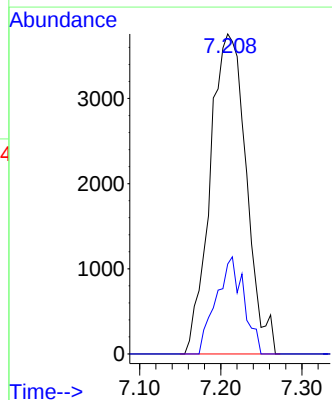
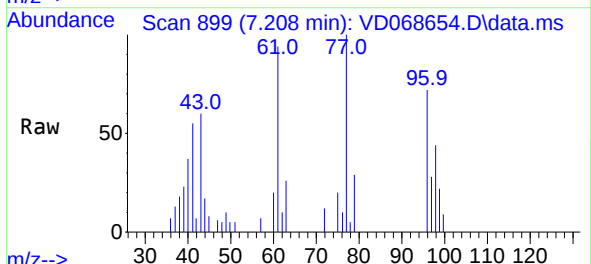
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

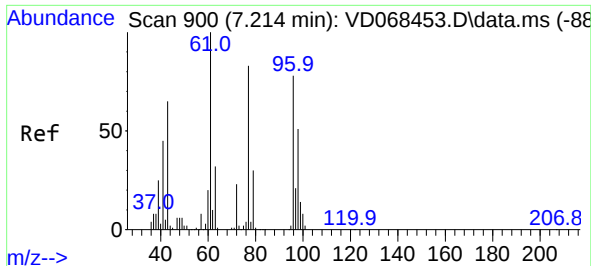
Tgt Ion: 43 Resp: 6696
Ion Ratio Lower Upper
43 100
72 28.5 25.1 37.7



#26
2,2-Dichloropropane
Concen: 3.14 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 77 Resp: 11622
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.1

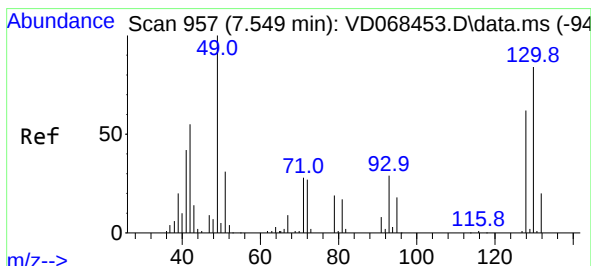
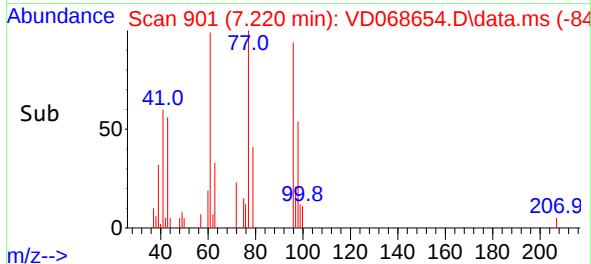
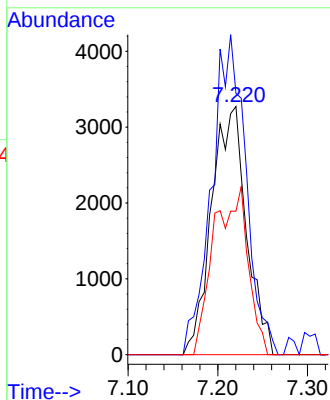
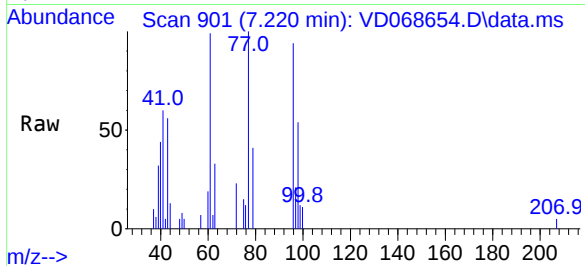




#27
cis-1,2-Dichloroethene
Concen: 2.96 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

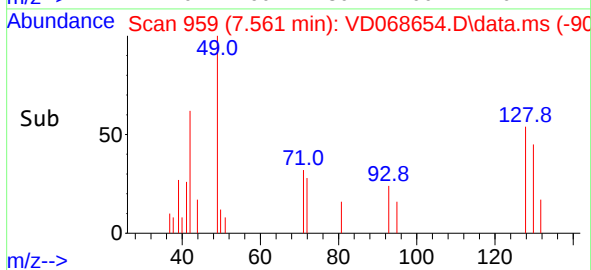
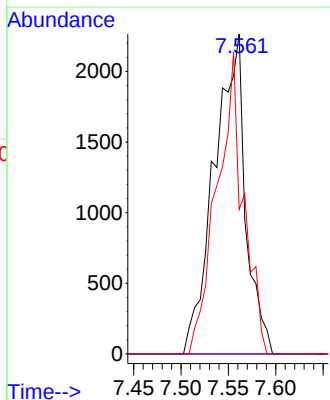
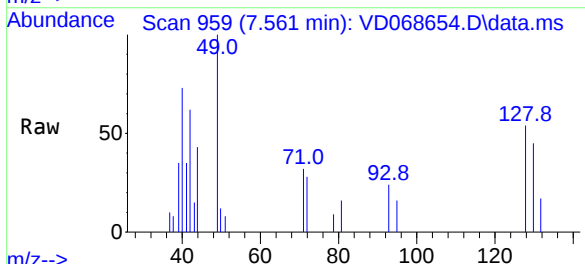
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

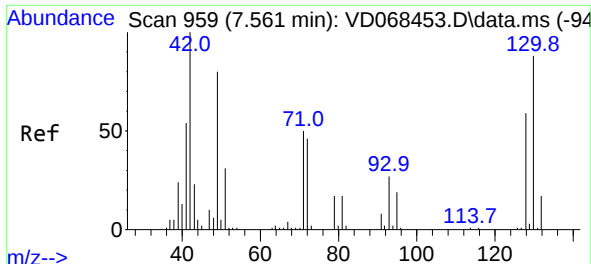
Tgt Ion: 96 Resp: 8838
Ion Ratio Lower Upper
96 100
61 125.8 0.0 257.4
98 30.5 0.0 126.6



#28
Bromochloromethane
Concen: 3.00 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.012 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 49 Resp: 5195
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 80.0 85.5 128.3#





#29

Tetrahydrofuran

Concen: 12.12 ug/l

RT: 7.567 min Scan# 960

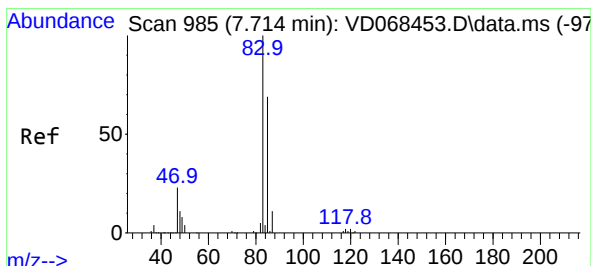
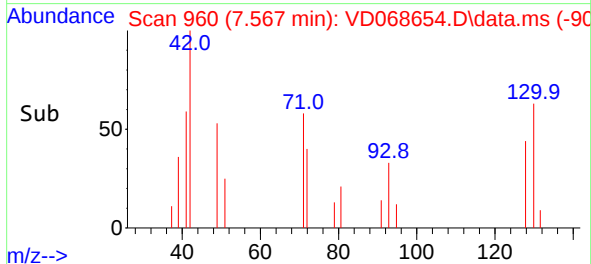
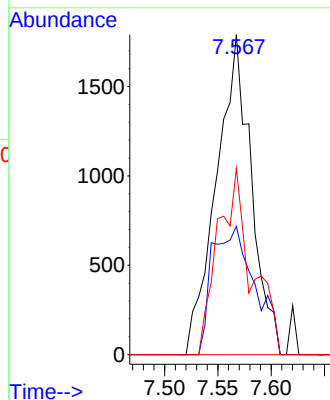
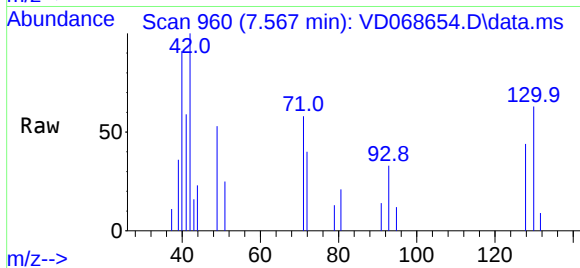
Delta R.T. 0.006 min

Lab File: VD068654.D

Acq: 18 Mar 2021 15:10

Tgt Ion: 42 Resp: 4075

Ion	Ratio	Lower	Upper
42	100		
72	48.9	43.4	65.0
71	56.2	40.8	61.2



#30

Chloroform

Concen: 3.01 ug/l

RT: 7.708 min Scan# 984

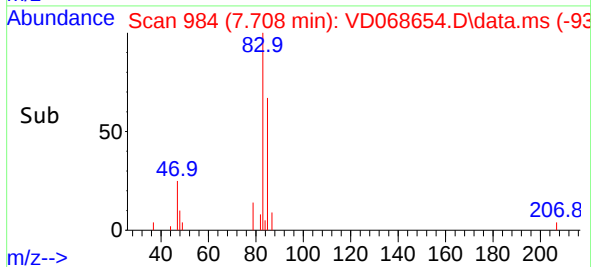
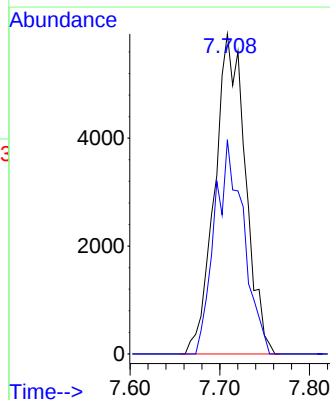
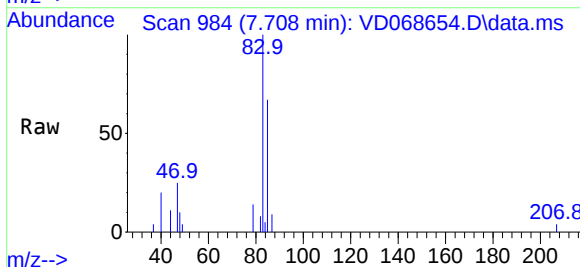
Delta R.T. -0.006 min

Lab File: VD068654.D

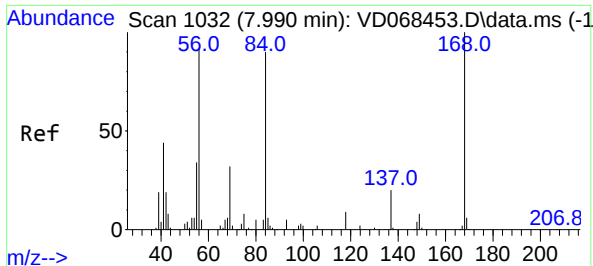
Acq: 18 Mar 2021 15:10

Tgt Ion: 83 Resp: 14113

Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.4	80.0



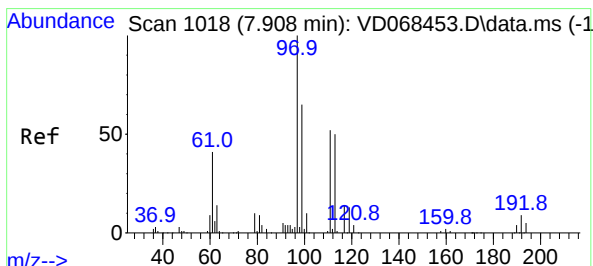
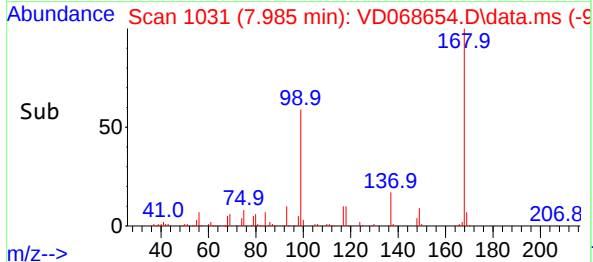
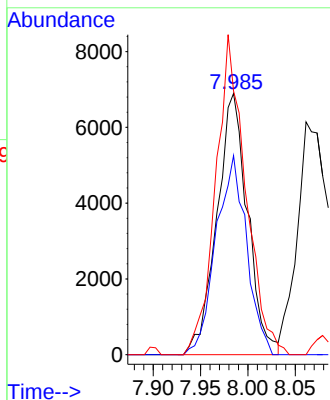
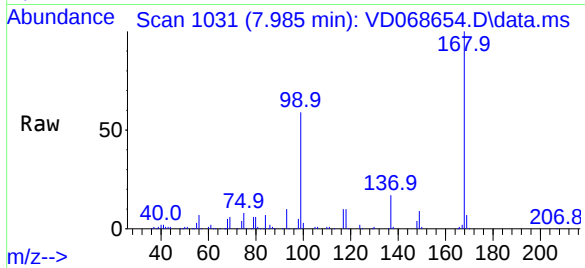
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021



#31
Cyclohexane
Concen: 3.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

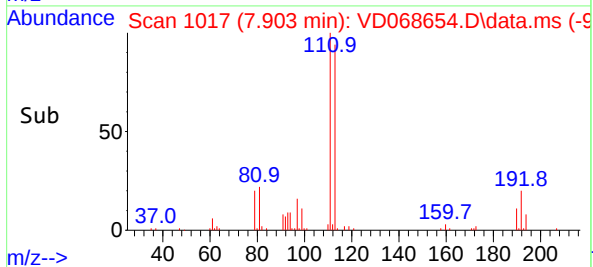
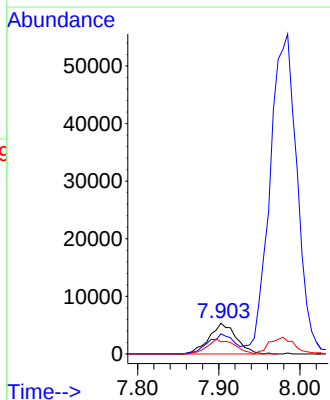
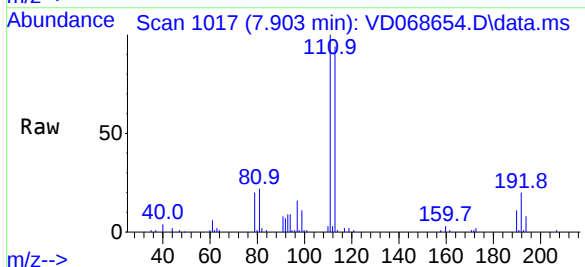
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

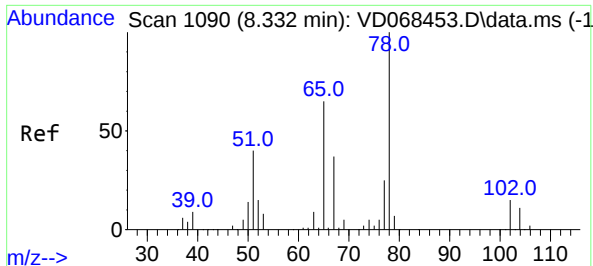
Tgt Ion: 56 Resp: 15600
Ion Ratio Lower Upper
56 100
69 76.2 30.1 45.1#
84 100.9 82.1 123.1



#32
1,1,1-Trichloroethane
Concen: 3.09 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 97 Resp: 12373
Ion Ratio Lower Upper
97 100
99 61.4 52.1 78.1
61 47.0 30.1 45.1#



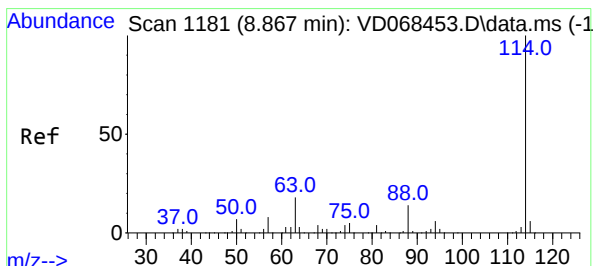
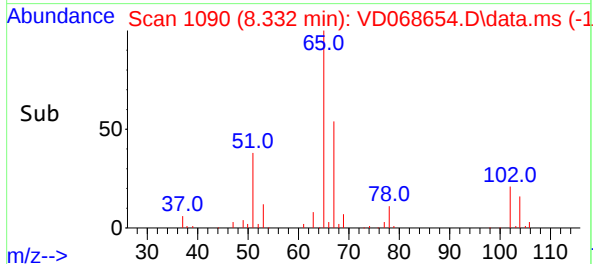
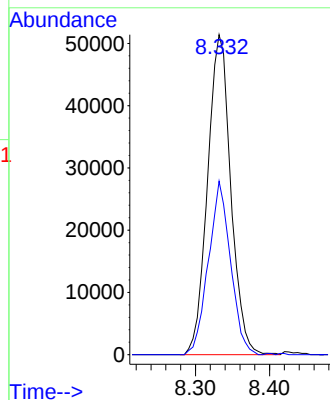
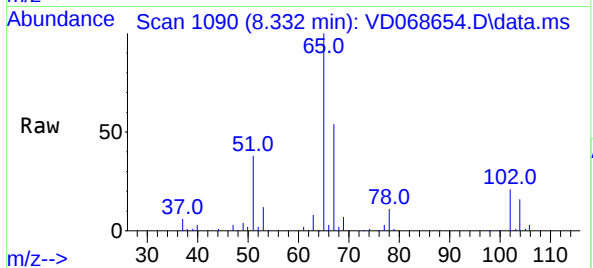


#33

1,2-Dichloroethane-d4
Concen: 49.38 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

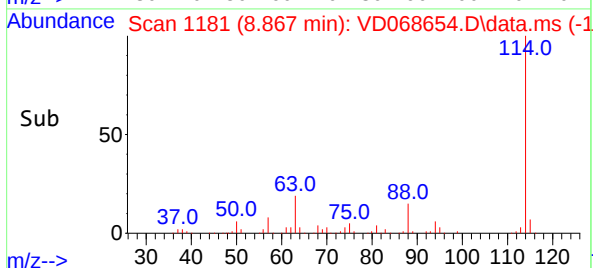
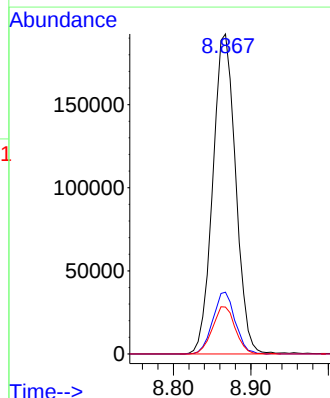
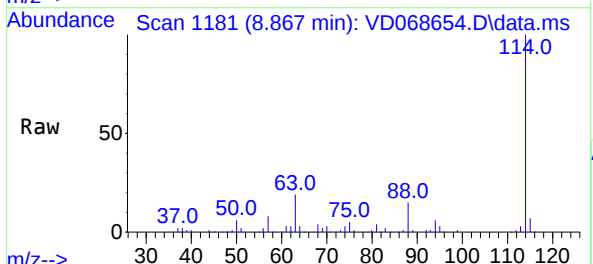
Tgt Ion: 65 Resp: 112009
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0

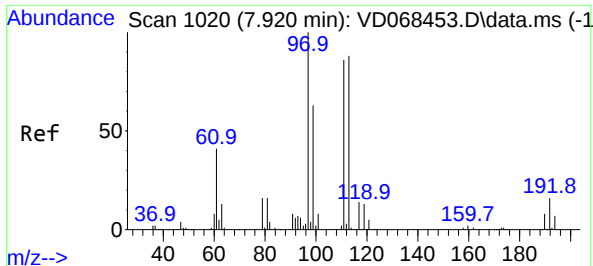


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 114 Resp: 394414
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 14.6 0.0 31.6



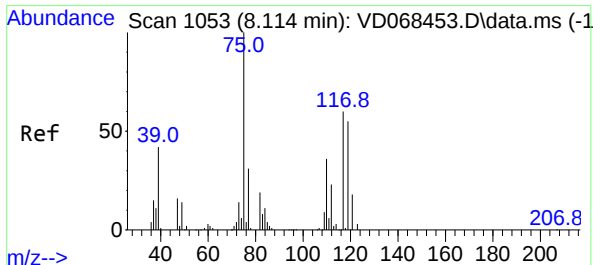
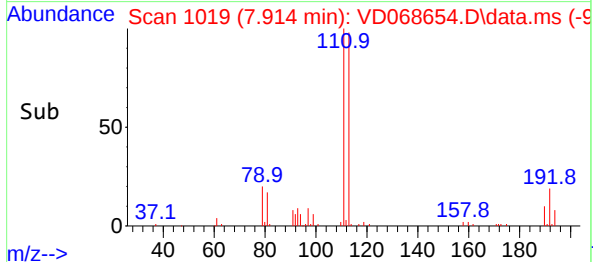
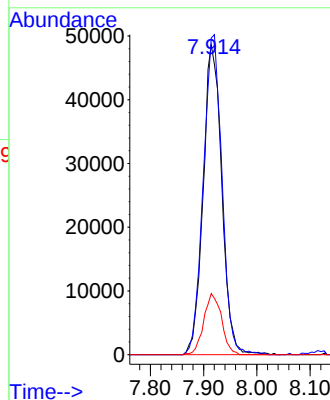
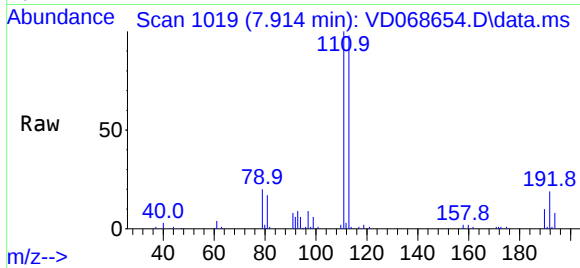


#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:113 Resp: 117843

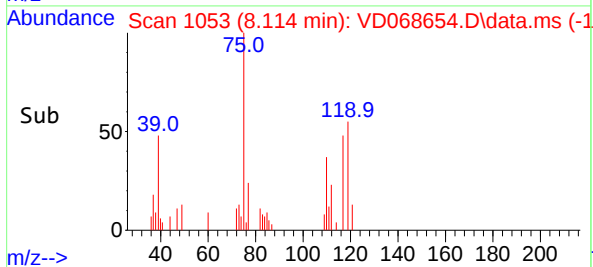
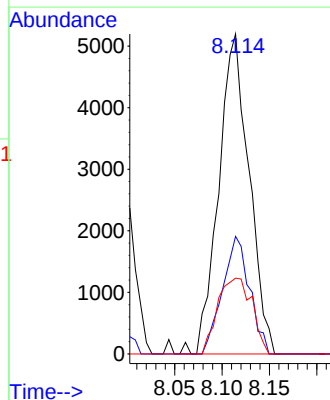
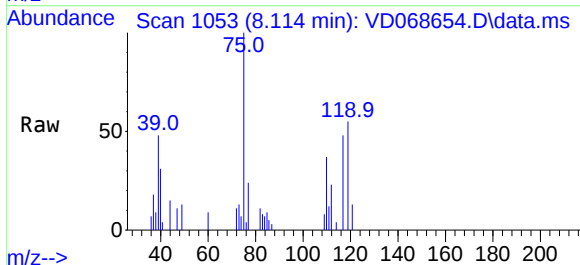
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	18.9	16.1	24.1

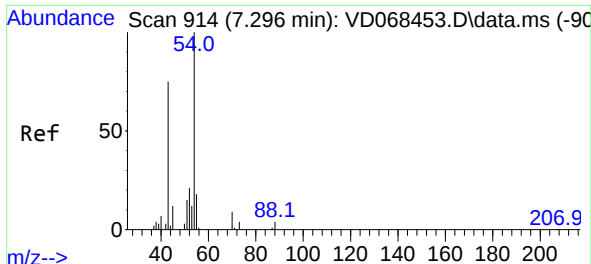


#36
1,1-Dichloropropene
Concen: 3.09 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 75 Resp: 11598

Ion	Ratio	Lower	Upper
75	100		
110	32.8	19.4	58.2
77	26.7	25.3	37.9





#37

Ethyl Acetate

Concen: 2.66 ug/l

RT: 7.303 min Scan# 915

Delta R.T. 0.006 min

Lab File: VD068654.D

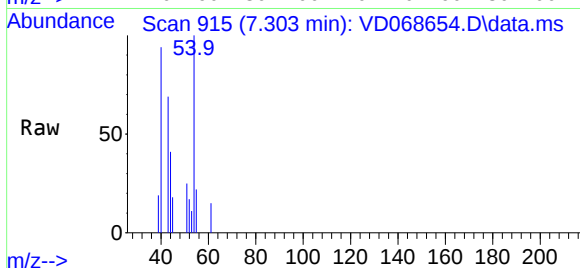
Acq: 18 Mar 2021 15:10

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021



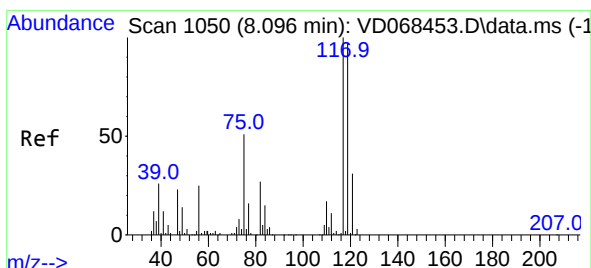
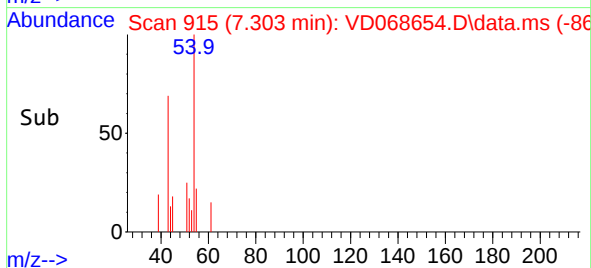
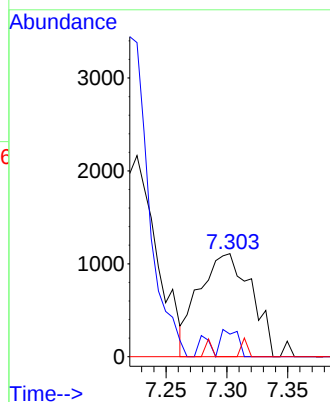
Tgt Ion: 43 Resp: 3307

Ion Ratio Lower Upper

43 100

61 0.0 12.9 19.3#

70 2.1 11.0 16.6#



#38

Carbon Tetrachloride

Concen: 3.07 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD068654.D

Acq: 18 Mar 2021 15:10

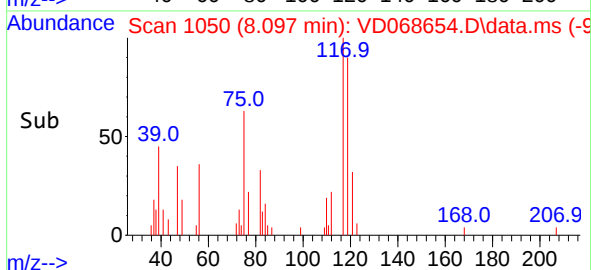
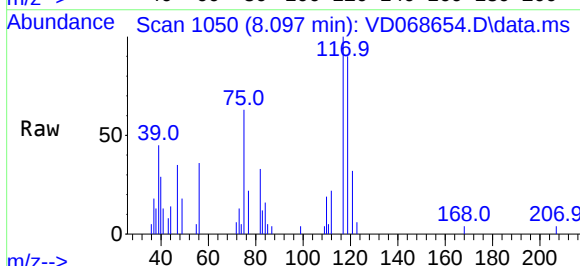
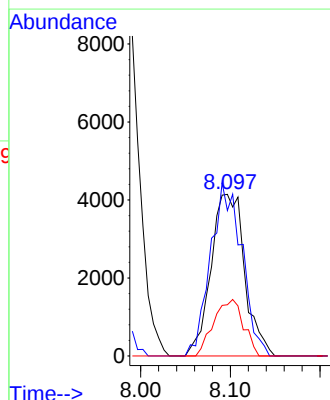
Tgt Ion: 117 Resp: 10817

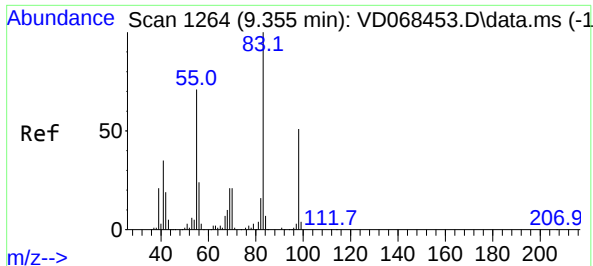
Ion Ratio Lower Upper

117 100

119 90.0 77.3 115.9

121 31.7 24.7 37.1





#39

Methylcyclohexane

Concen: 2.98 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068654.D

Acq: 18 Mar 2021 15:10

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021

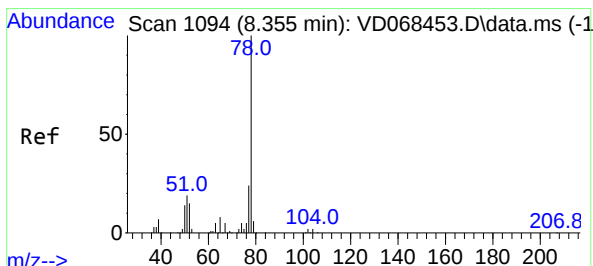
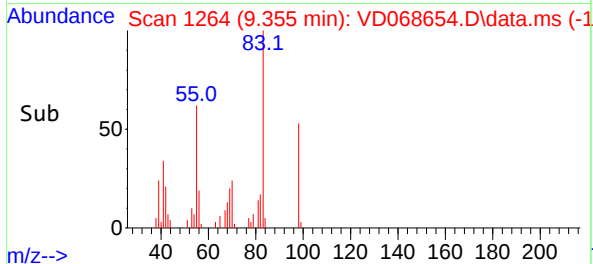
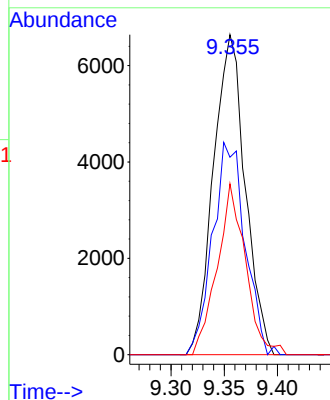
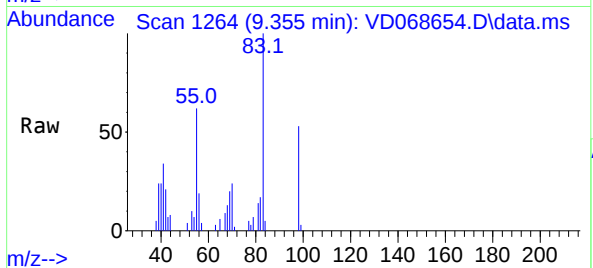
Tgt Ion: 83 Resp: 13767

Ion Ratio Lower Upper

83 100

55 61.7 55.2 82.8

98 53.4 39.1 58.7



#40

Benzene

Concen: 3.04 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VD068654.D

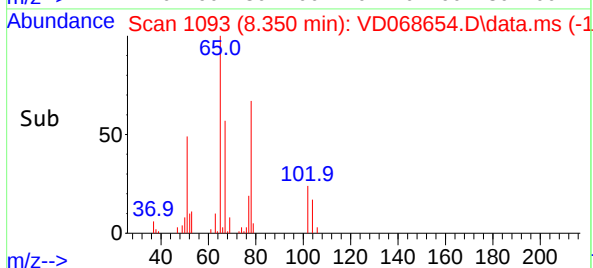
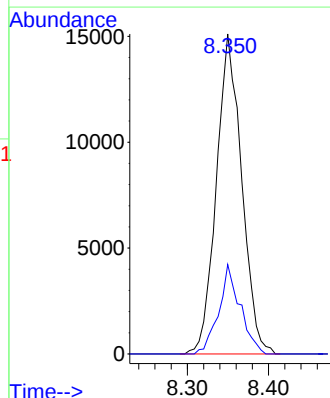
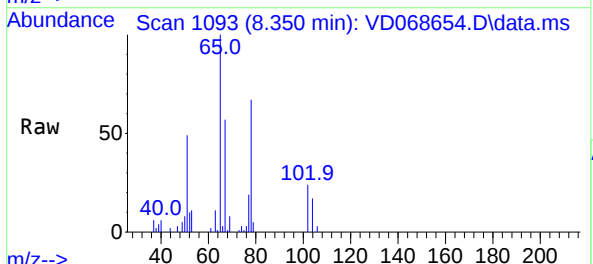
Acq: 18 Mar 2021 15:10

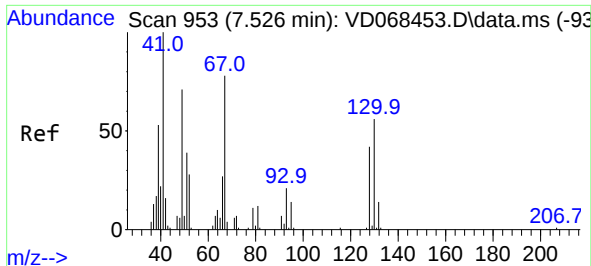
Tgt Ion: 78 Resp: 32690

Ion Ratio Lower Upper

78 100

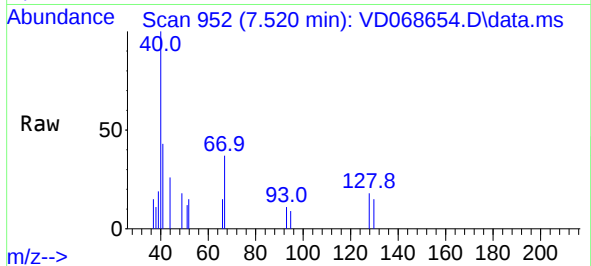
77 28.0 17.8 26.6#



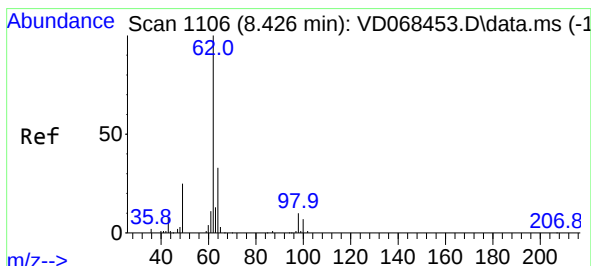
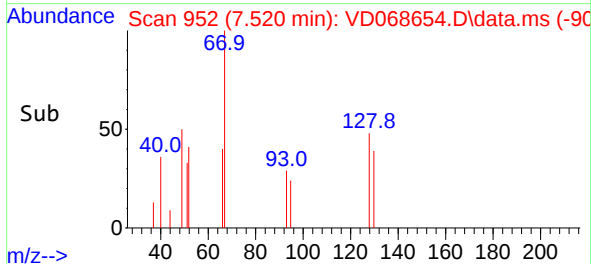
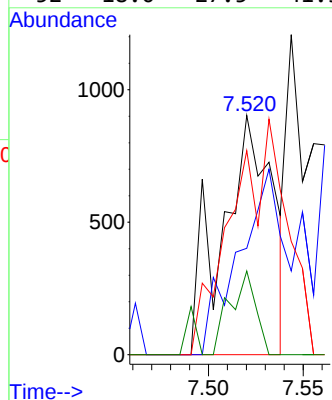


#41
Methacrylonitrile
Concen: 2.31 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

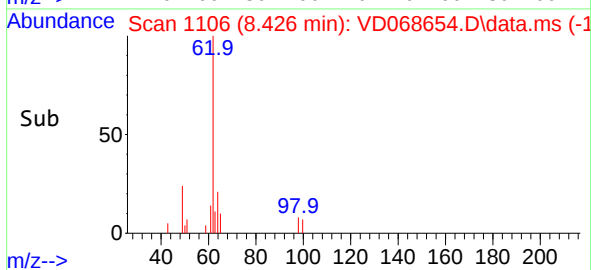
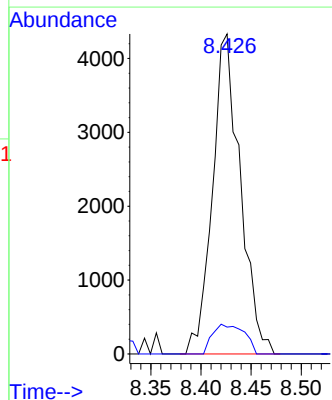
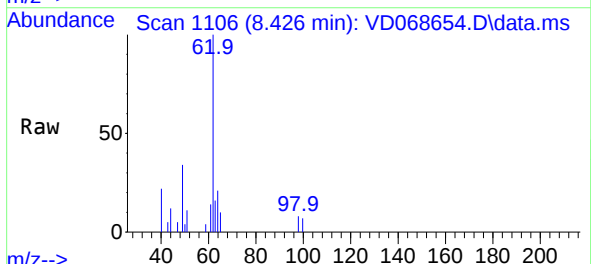


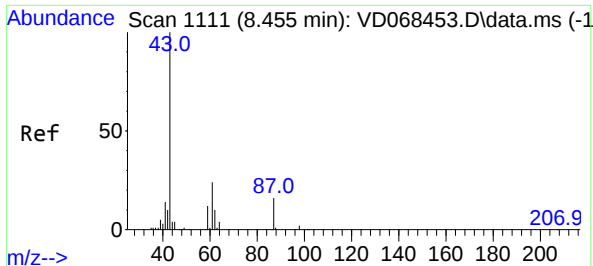
Tgt Ion: 41 Resp: 1671
Ion Ratio Lower Upper
41 100
39 69.2 45.2 67.8#
67 58.5 67.4 101.2#
52 18.0 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 2.95 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 62 Resp: 8340
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.8

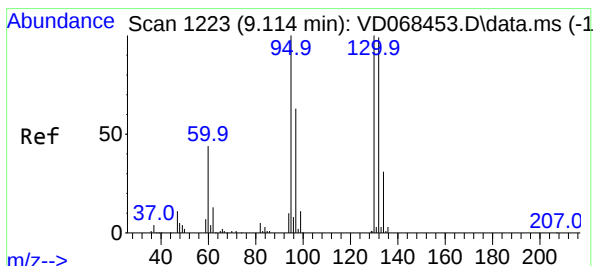
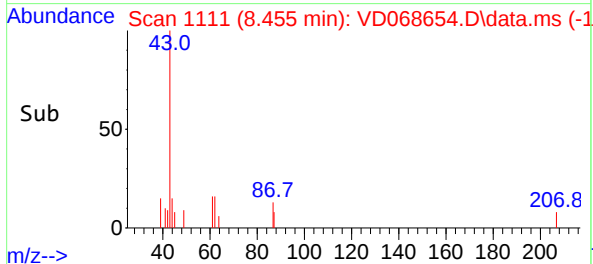
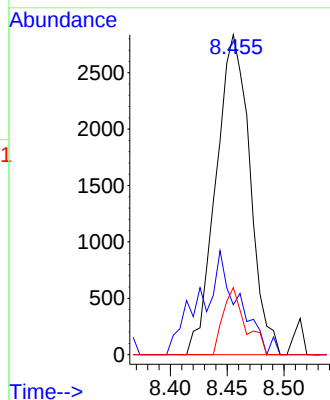
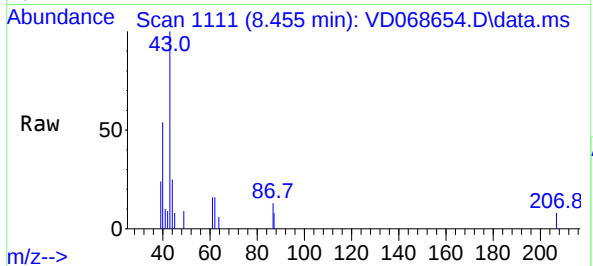




#43
Isopropyl Acetate
Concen: 2.58 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

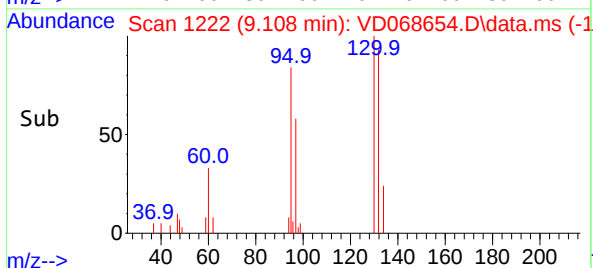
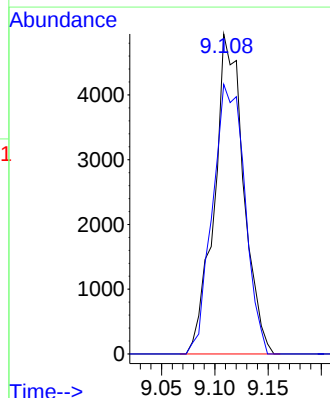
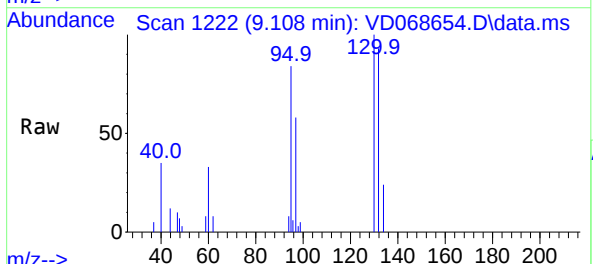
Instrument :
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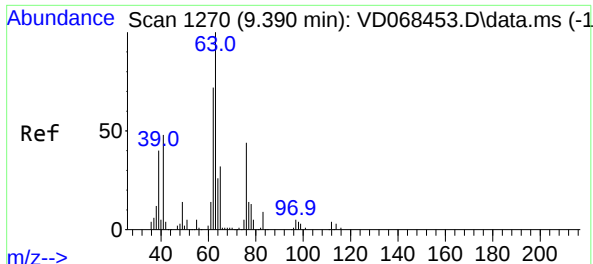
Tgt Ion:	43	Resp:	5889
Ion	Ratio	Lower	Upper
43	100		
61	37.2	28.7	43.1
87	13.9	13.9	20.9



#44
Trichloroethene
Concen: 3.19 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	130	Resp:	9418
Ion	Ratio	Lower	Upper
130	100		
95	84.3	0.0	191.2

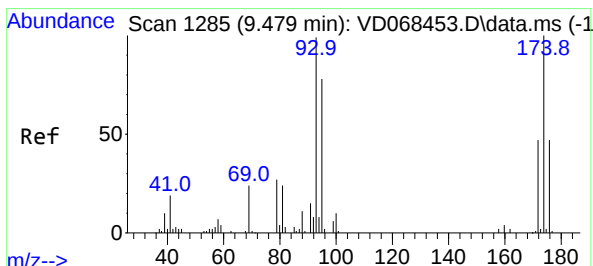
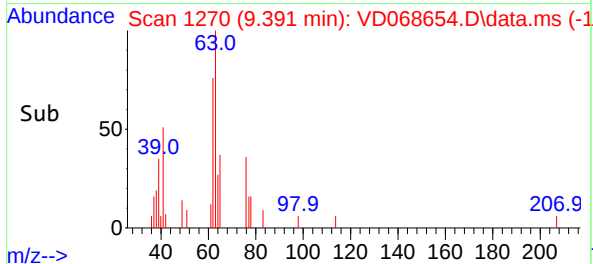
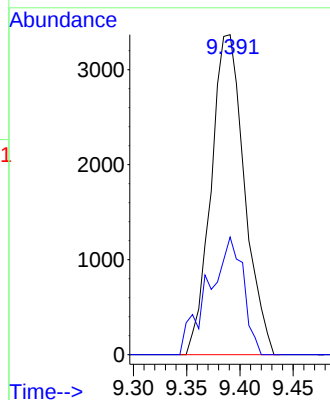
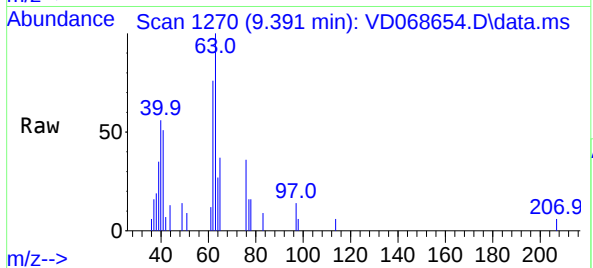




#45
1,2-Dichloropropane
Concen: 2.85 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

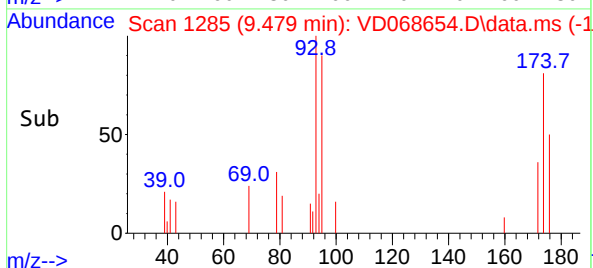
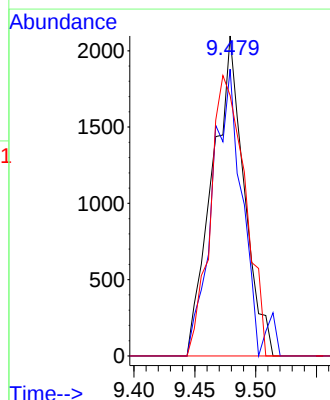
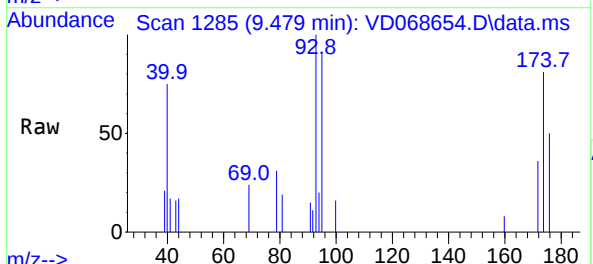
Instrument :
MSVOA_D
ClientSampleId :
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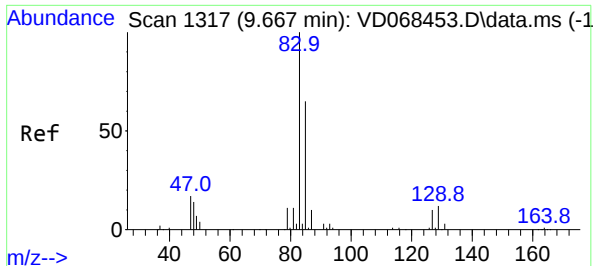
Tgt Ion: 63 Resp: 7336
Ion Ratio Lower Upper
63 100
65 36.7 26.6 40.0



#46
Dibromomethane
Concen: 2.72 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 93 Resp: 3803
Ion Ratio Lower Upper
93 100
95 83.9 67.3 100.9
174 95.3 84.6 127.0

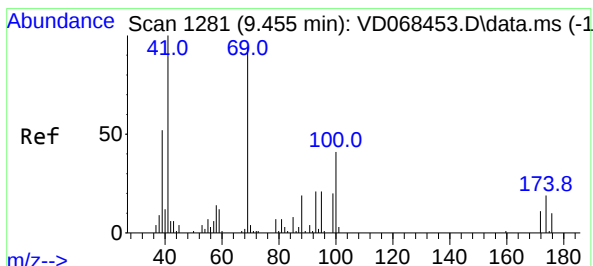
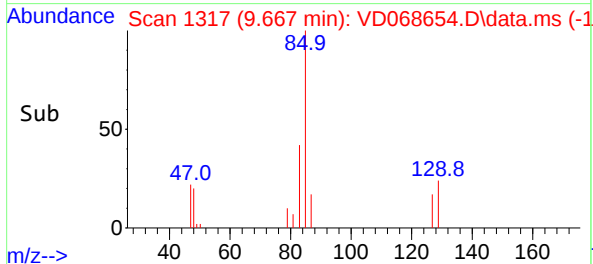
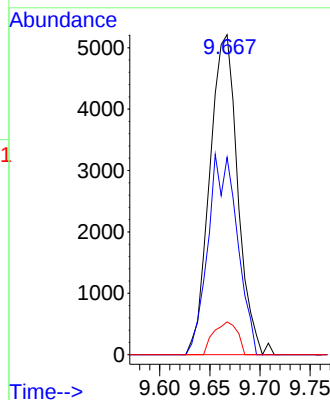
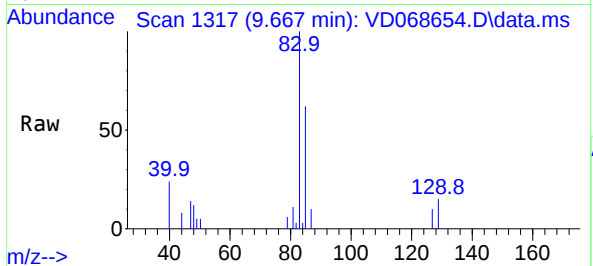




#47
Bromodichloromethane
Concen: 2.81 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

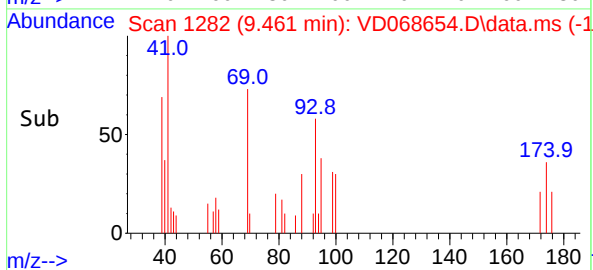
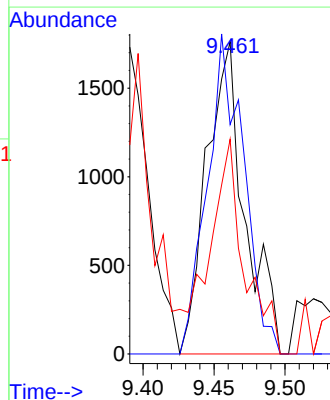
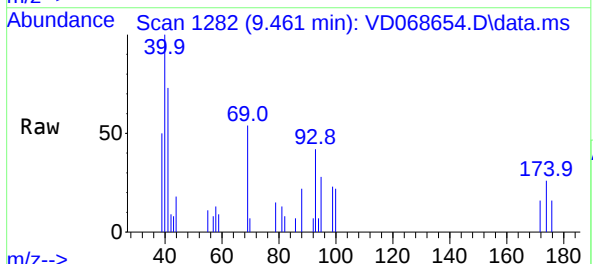
Instrument :
MSVOA_D
ClientSampleId :
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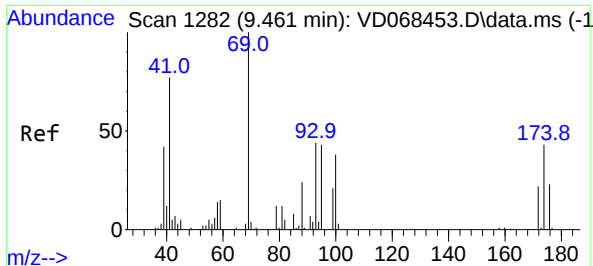
Tgt Ion:	83	Resp:	10158
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.6	77.4
127	10.3	7.4	11.0



#48
Methyl methacrylate
Concen: 2.70 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	41	Resp:	3293
Ion	Ratio	Lower	Upper
41	100		
69	97.8	77.1	115.7
39	59.9	41.5	62.3

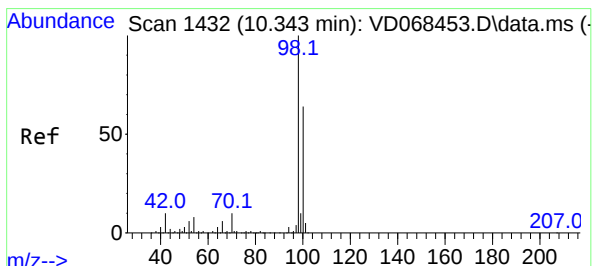
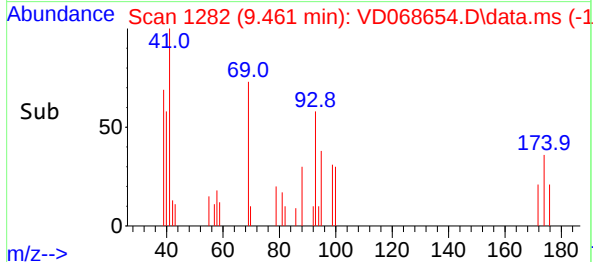
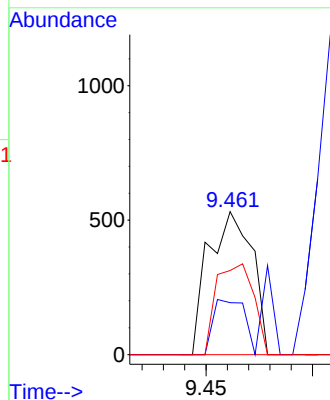
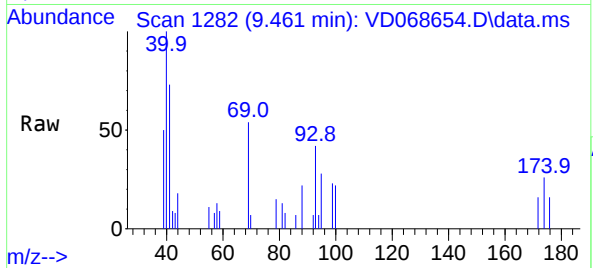




#49
1,4-Dioxane
Concen: 47.65 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

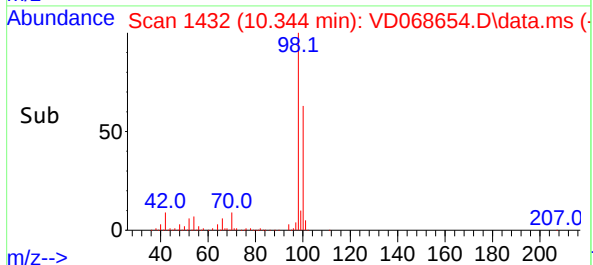
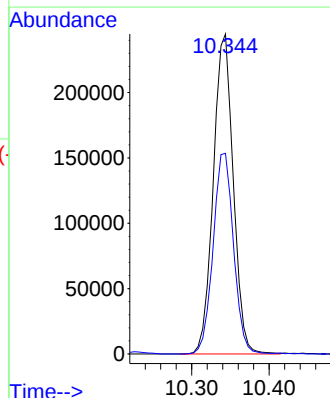
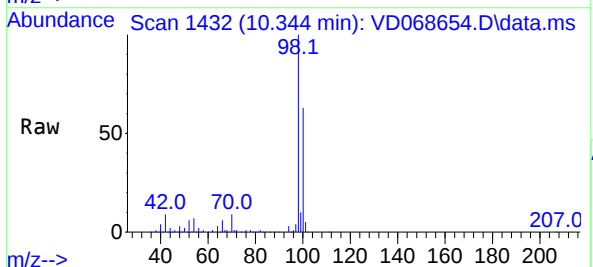
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

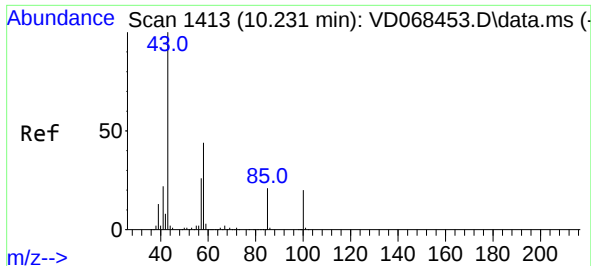
Tgt Ion: 88 Resp: 760
Ion Ratio Lower Upper
88 100
43 27.4 22.1 33.1
58 53.9 46.7 70.1



#50
Toluene-d8
Concen: 46.28 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 98 Resp: 437948
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

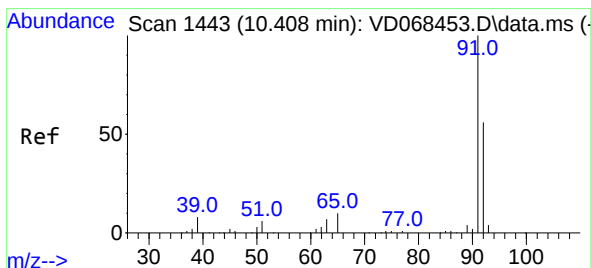
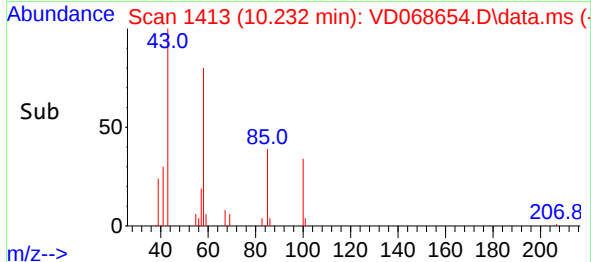
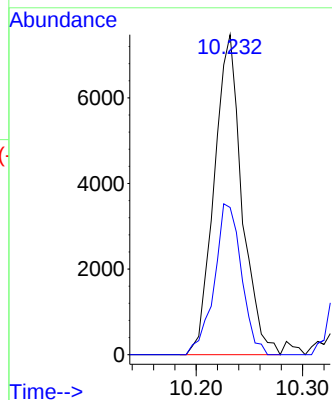
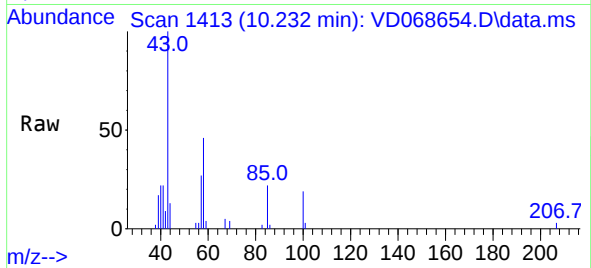




#51
4-Methyl-2-Pentanone
Concen: 11.31 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

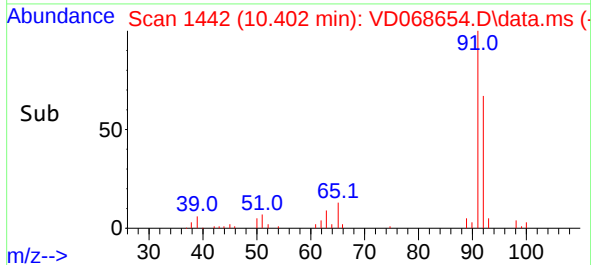
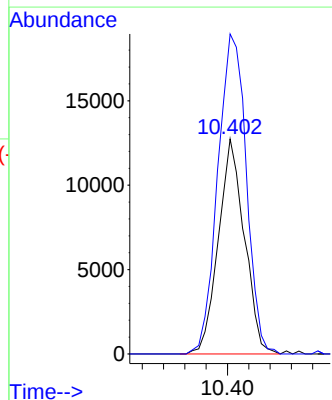
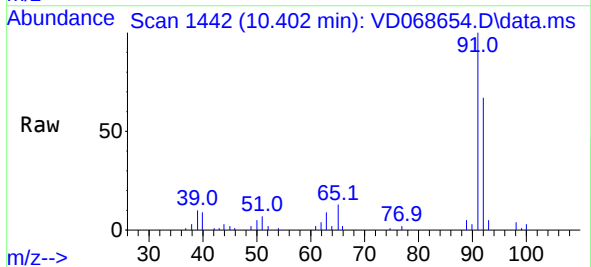
Instrument :
MSVOA_D
ClientSampleId :
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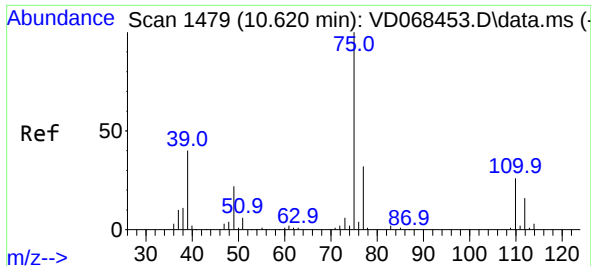
Tgt Ion: 43 Resp: 13531
Ion Ratio Lower Upper
43 100
58 46.1 36.1 54.1



#52
Toluene
Concen: 3.14 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 92 Resp: 21548
Ion Ratio Lower Upper
92 100
91 163.1 134.1 201.1

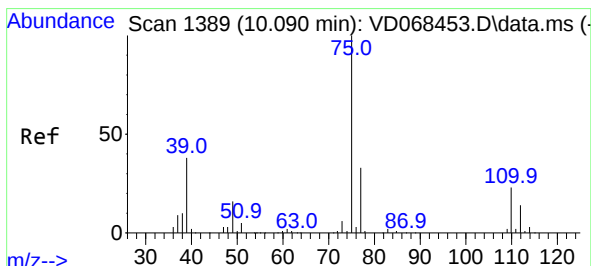
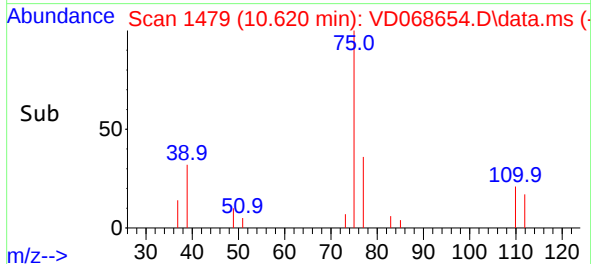
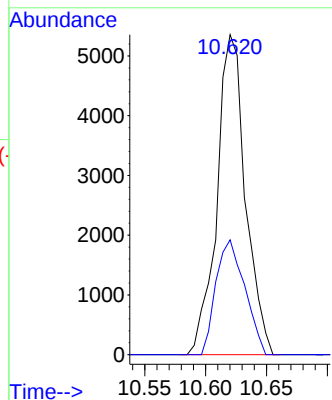
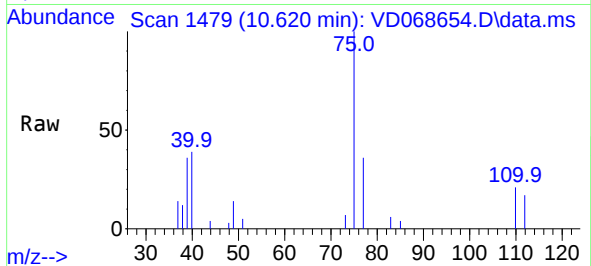




#53
t-1,3-Dichloropropene
Concen: 2.61 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

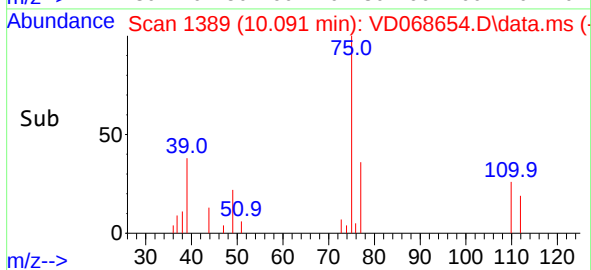
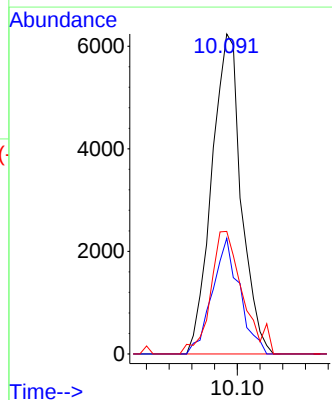
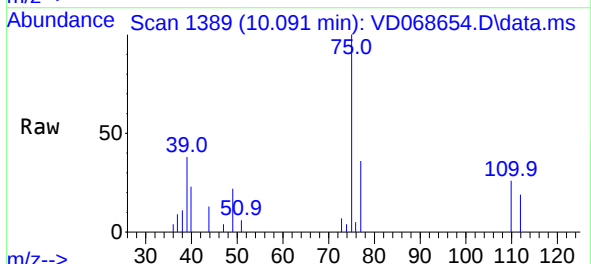
Instrument :
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ClientSampleId :
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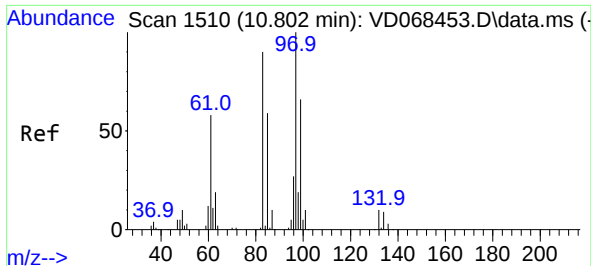
Tgt Ion: 75 Resp: 8737
Ion Ratio Lower Upper
75 100
77 35.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 2.76 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 75 Resp: 11249
Ion Ratio Lower Upper
75 100
77 36.2 24.6 37.0
39 38.3 31.4 47.0

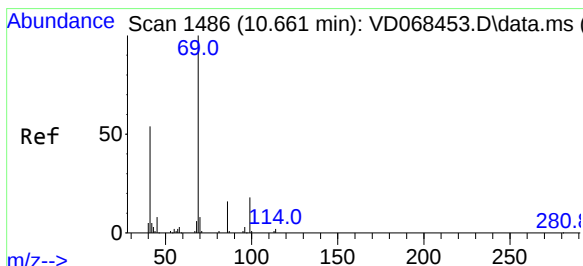
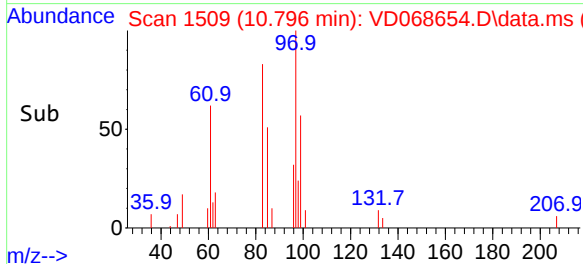
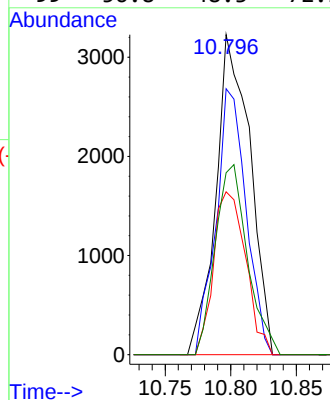
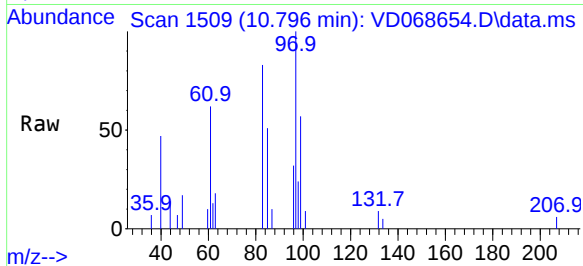




#55
1,1,2-Trichloroethane
Concen: 3.02 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

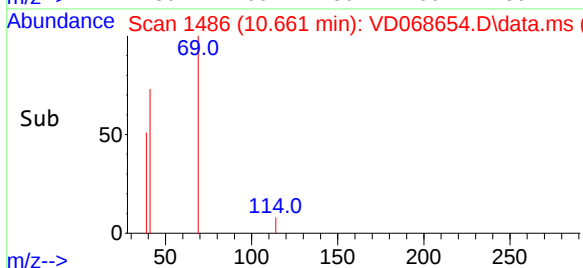
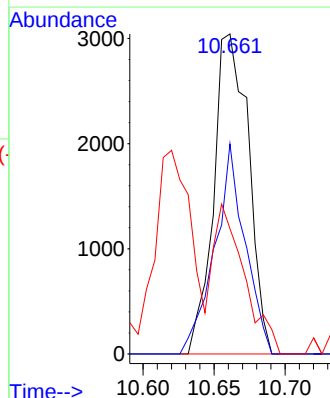
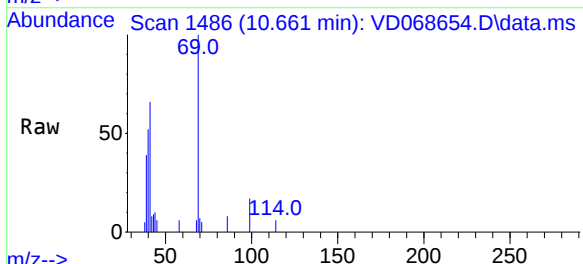
Instrument :
MSVOA_D
ClientSampleId :
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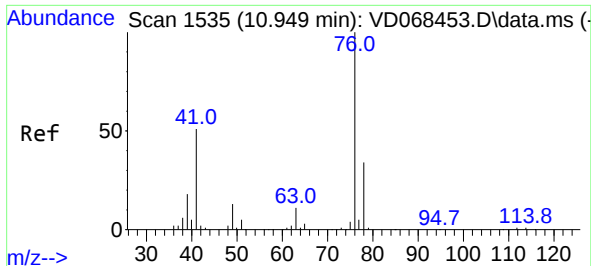
Tgt Ion:	97	Resp:	5837
Ion	Ratio	Lower	Upper
97	100		
83	83.1	61.8	92.6
85	50.9	42.2	63.2
99	56.8	48.3	72.5



#56
Ethyl methacrylate
Concen: 2.33 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	69	Resp:	5189
Ion	Ratio	Lower	Upper
69	100		
41	57.3	44.9	67.3
39	42.0	21.9	32.9

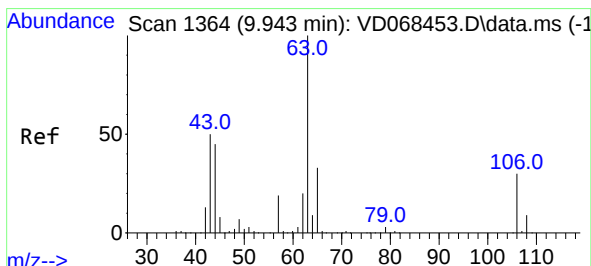
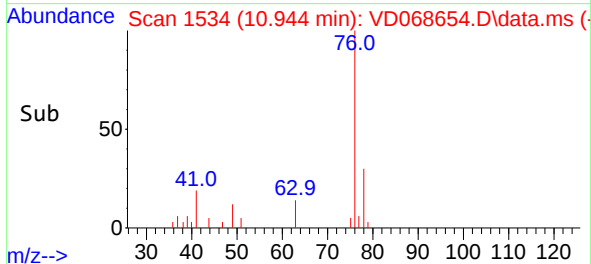
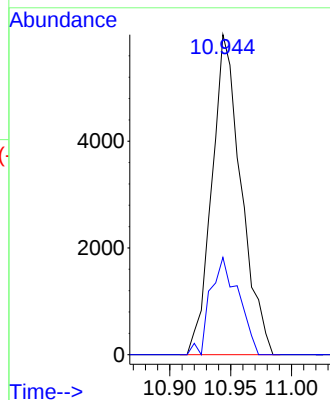
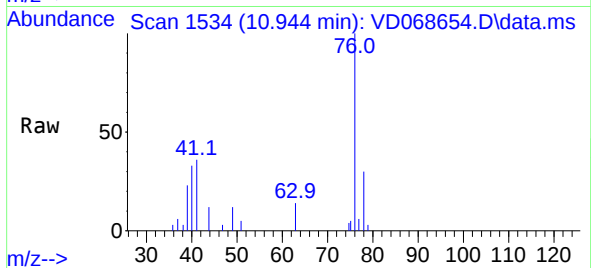




#57
1,3-Dichloropropane
Concen: 2.97 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

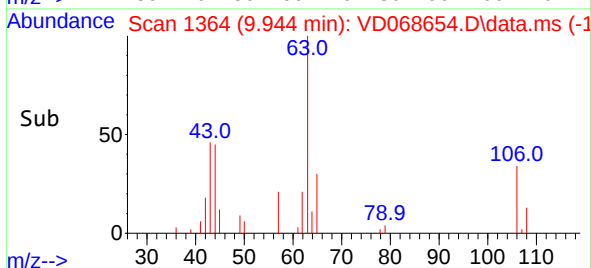
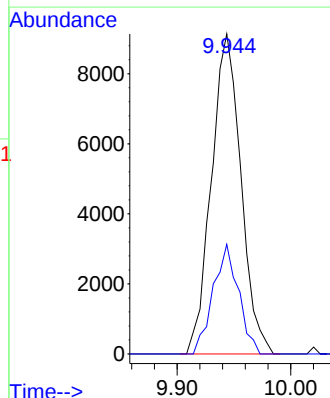
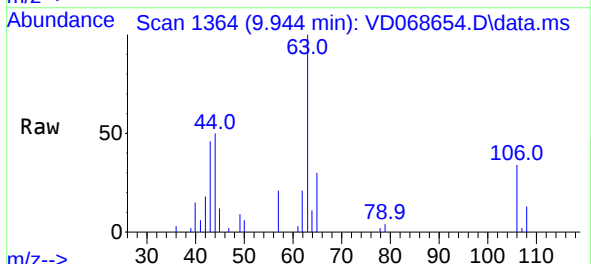
Instrument :
MSVOA_D
ClientSampleId :
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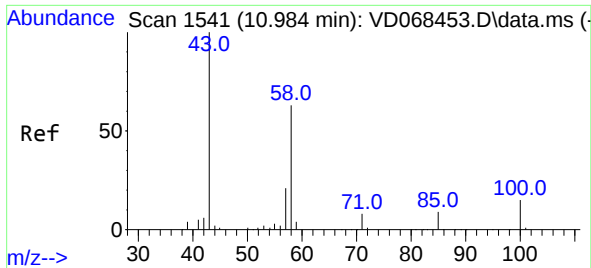
Tgt Ion: 76 Resp: 10033
Ion Ratio Lower Upper
76 100
78 29.2 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 14.78 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 63 Resp: 16500
Ion Ratio Lower Upper
63 100
106 29.4 27.0 40.4

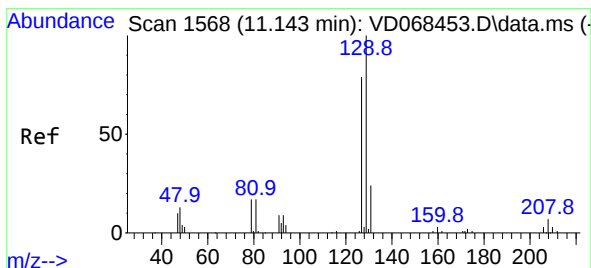
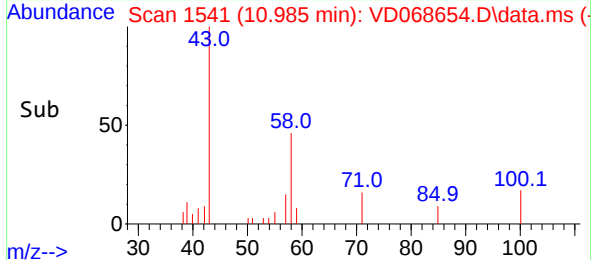
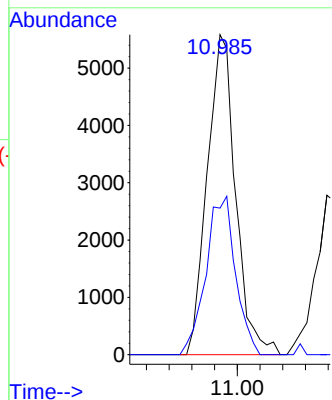
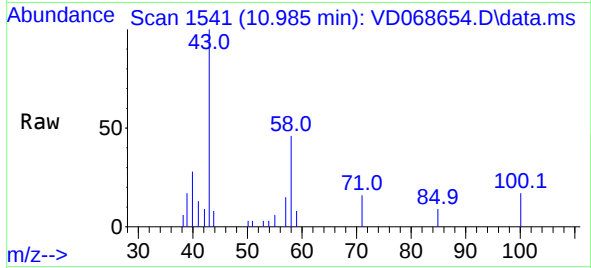




#59
2-Hexanone
Concen: 12.13 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

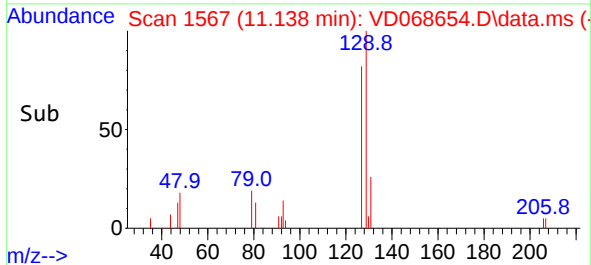
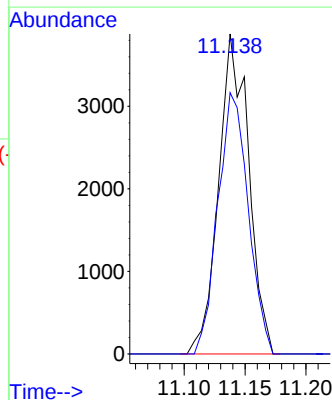
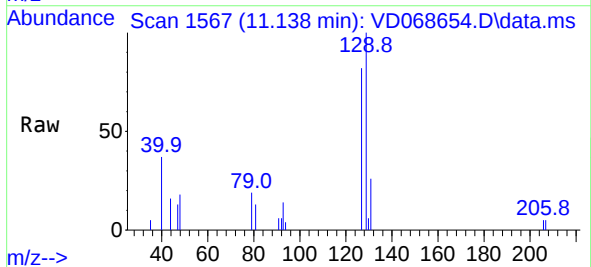
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

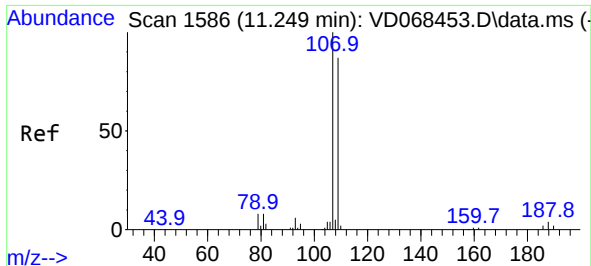
Tgt Ion: 43 Resp: 9676
Ion Ratio Lower Upper
43 100
58 51.6 31.0 93.0



#60
Dibromochloromethane
Concen: 2.77 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 129 Resp: 6633
Ion Ratio Lower Upper
129 100
127 82.9 38.6 116.0

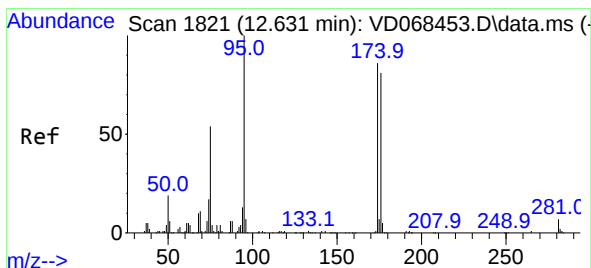
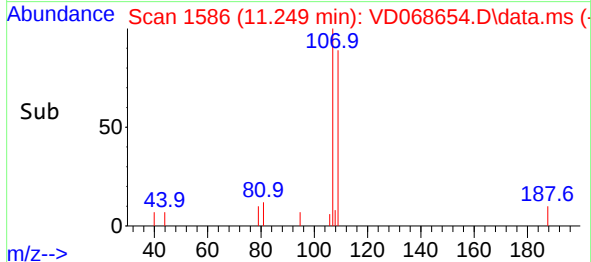
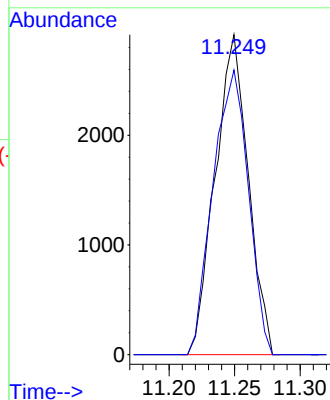
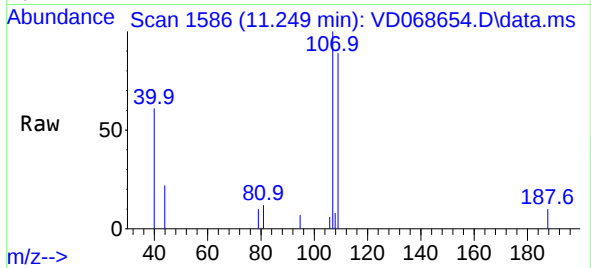




#61
1,2-Dibromoethane
Concen: 2.71 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

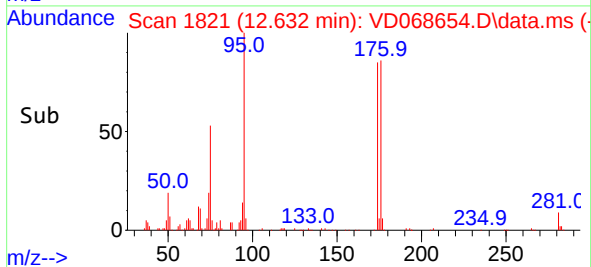
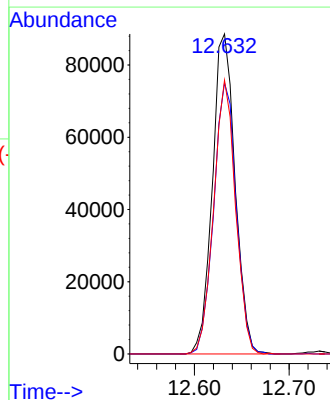
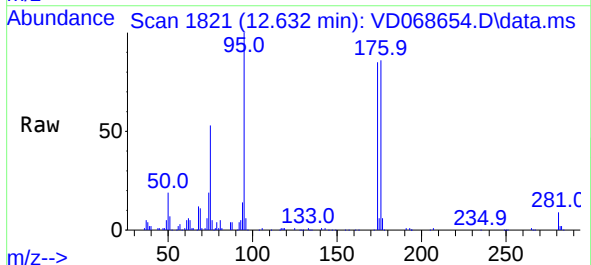
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

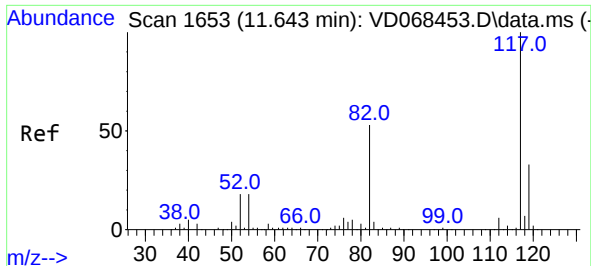
Tgt Ion:107 Resp: 5127
Ion Ratio Lower Upper
107 100
109 94.8 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 48.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 95 Resp: 147728
Ion Ratio Lower Upper
95 100
174 84.0 0.0 172.4
176 82.3 0.0 168.4

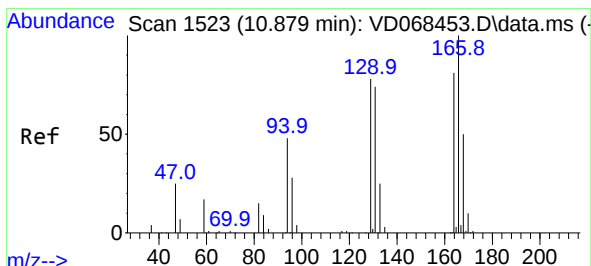
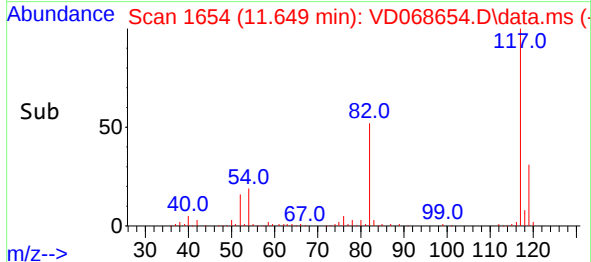
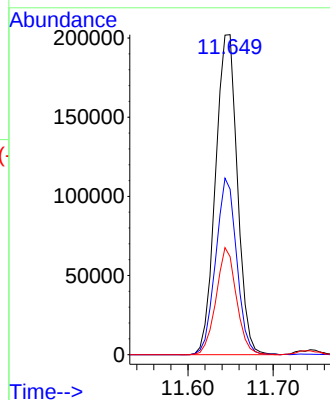
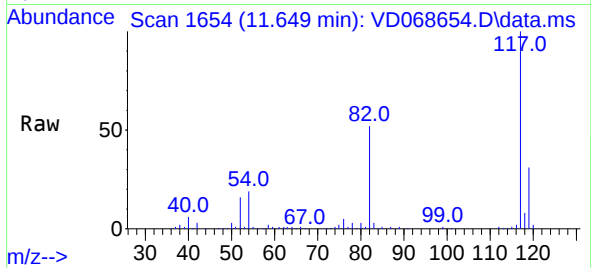




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

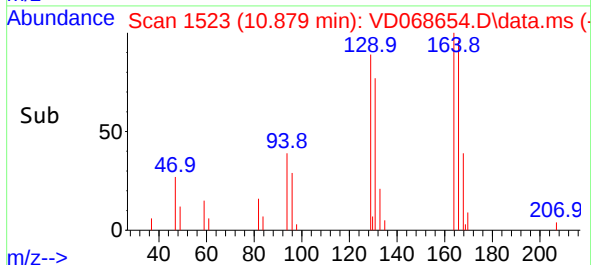
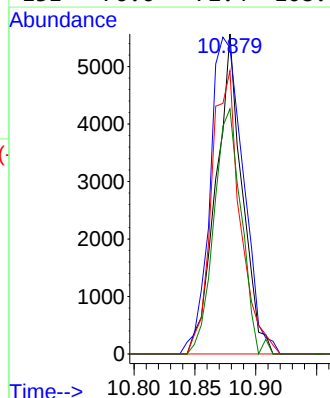
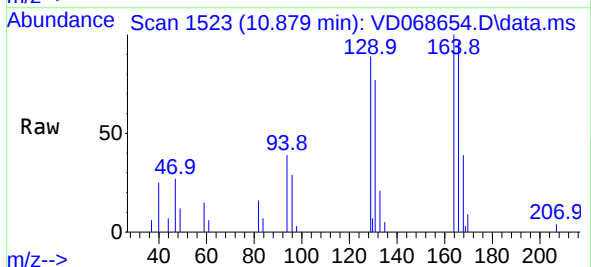
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

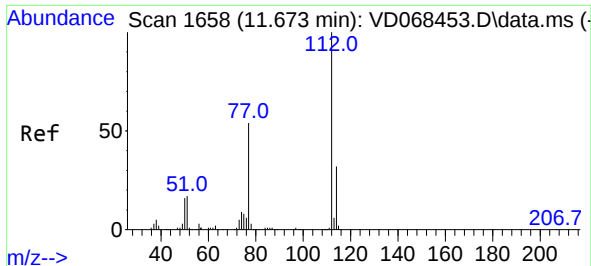
Tgt Ion:117 Resp: 360692
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.0
119 30.6 26.1 39.1



#64
Tetrachloroethene
Concen: 3.52 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:164 Resp: 8292
Ion Ratio Lower Upper
164 100
166 95.7 105.5 158.3#
129 88.5 75.6 113.4
131 76.6 72.4 108.6

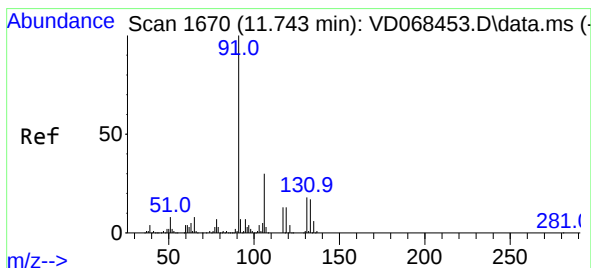
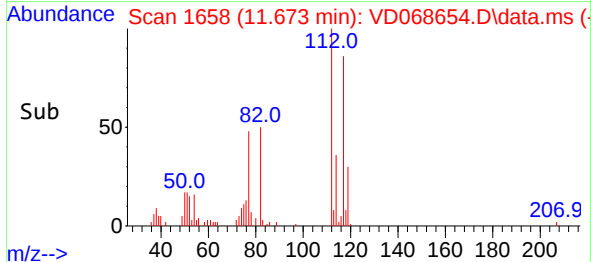
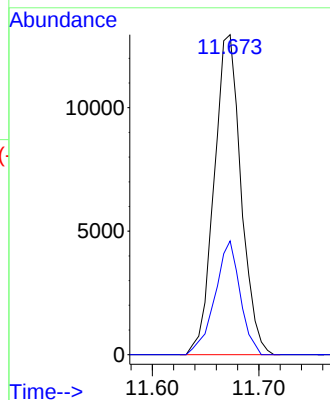
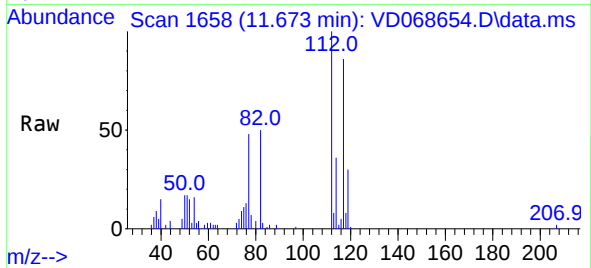




#65
Chlorobenzene
Concen: 3.09 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

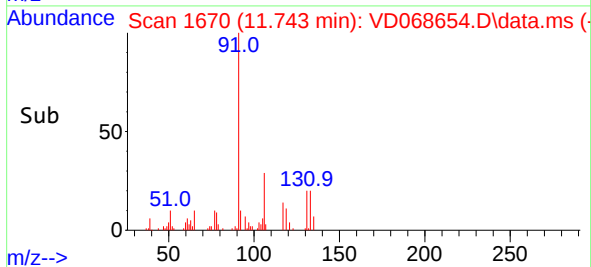
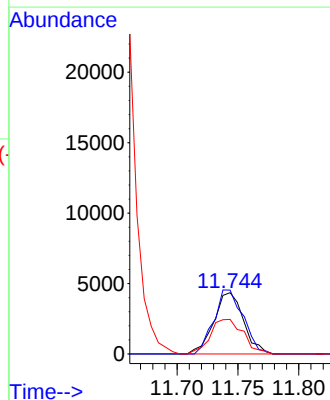
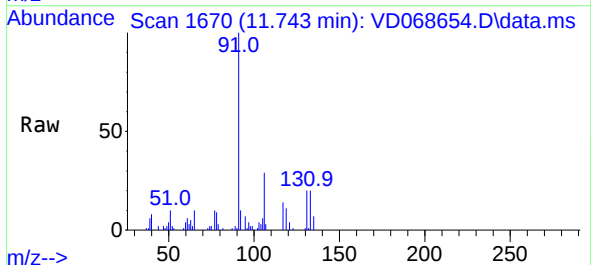
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

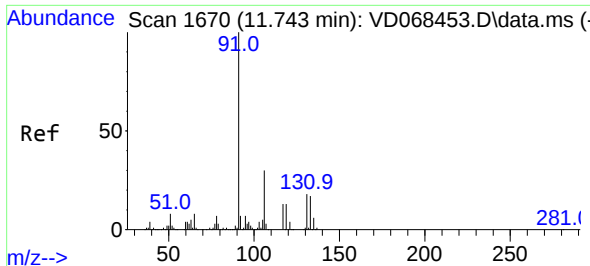
Tgt Ion:112 Resp: 22713
Ion Ratio Lower Upper
112 100
114 35.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 2.89 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:131 Resp: 7378
Ion Ratio Lower Upper
131 100
133 103.0 48.1 144.4
119 62.5 31.6 94.8

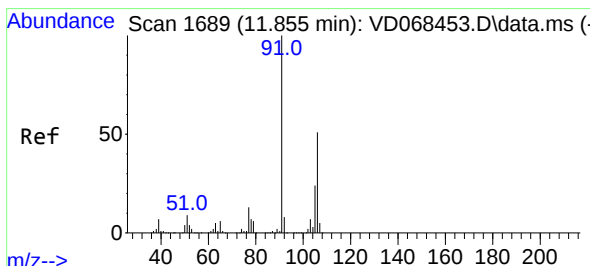
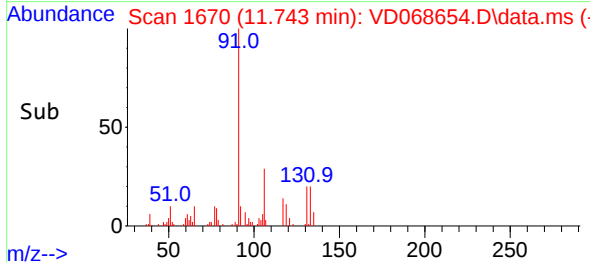
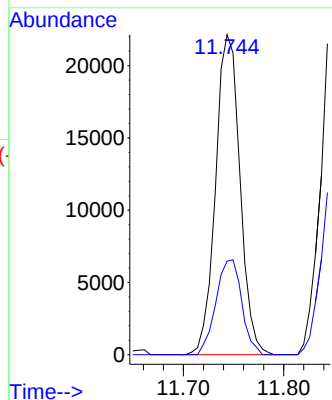
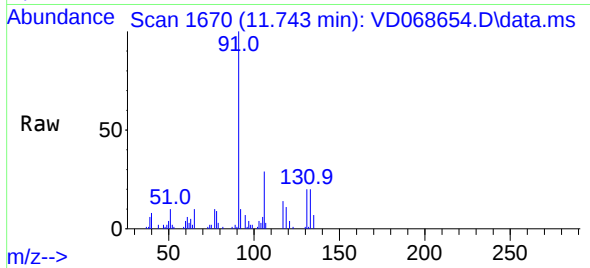




#67
Ethyl Benzene
Concen: 2.85 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

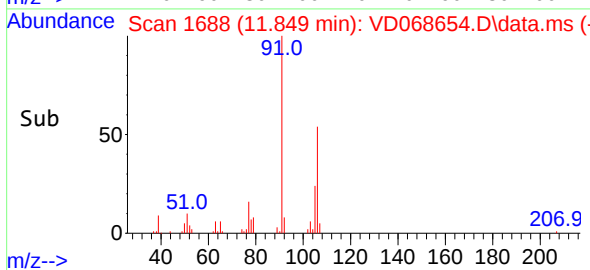
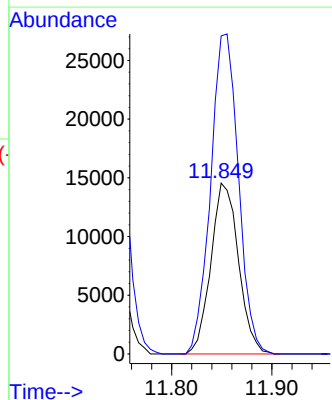
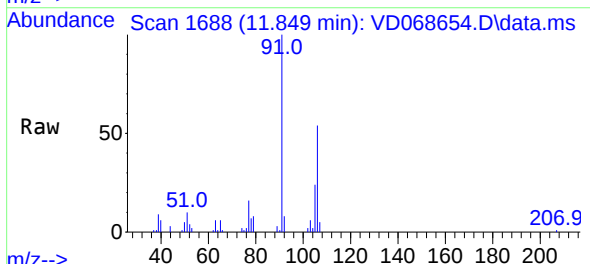
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

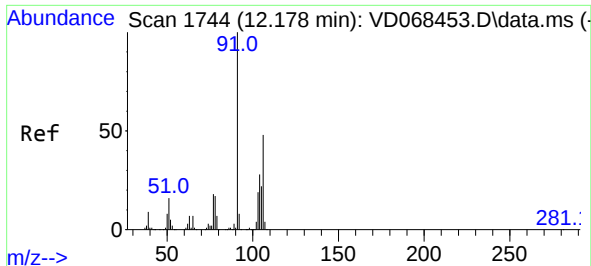
Tgt Ion: 91 Resp: 37355
Ion Ratio Lower Upper
91 100
106 29.2 25.9 38.9



#68
m/p-Xylenes
Concen: 5.59 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 106 Resp: 27817
Ion Ratio Lower Upper
106 100
91 188.8 159.1 238.7

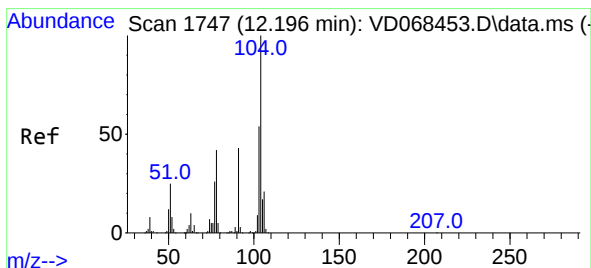
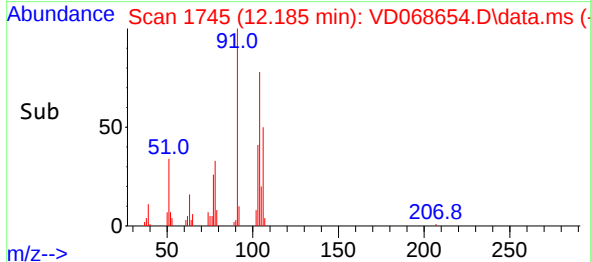
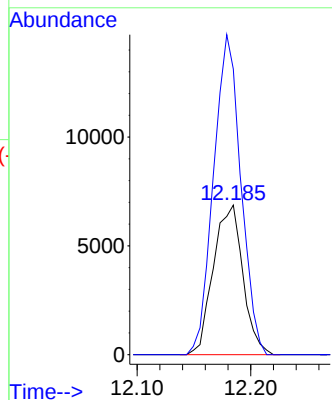
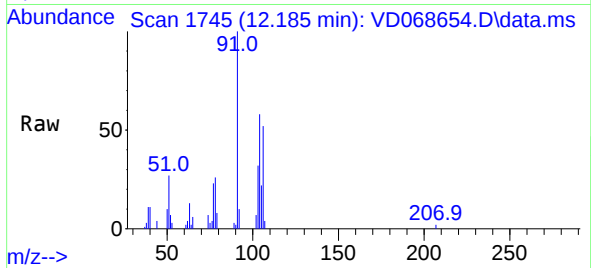




#69
o-Xylene
Concen: 2.70 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

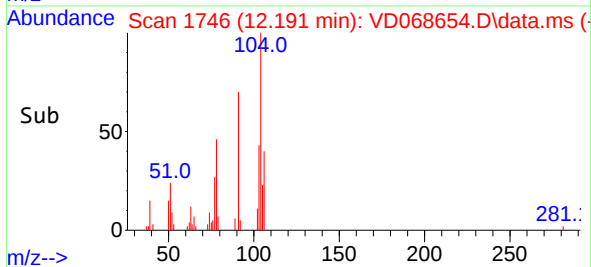
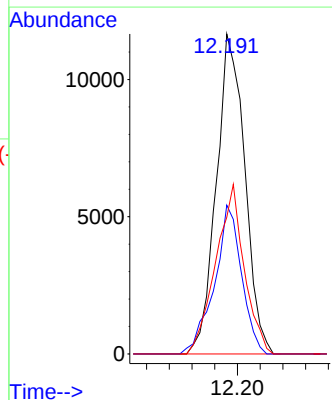
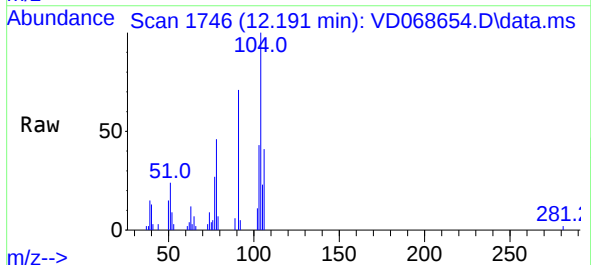
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

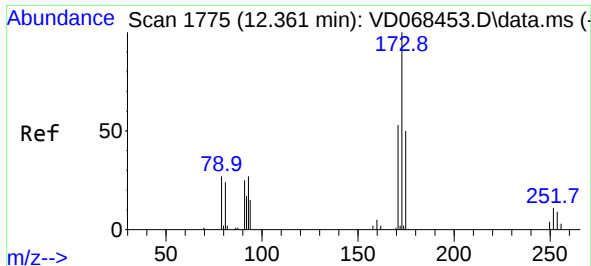
Tgt Ion:106 Resp: 12404
Ion Ratio Lower Upper
106 100
91 198.1 108.7 325.9



#70
Styrene
Concen: 2.59 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:104 Resp: 20288
Ion Ratio Lower Upper
104 100
78 44.3 38.2 57.2
103 53.0 43.1 64.7

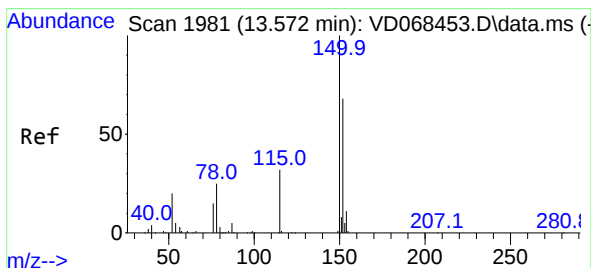
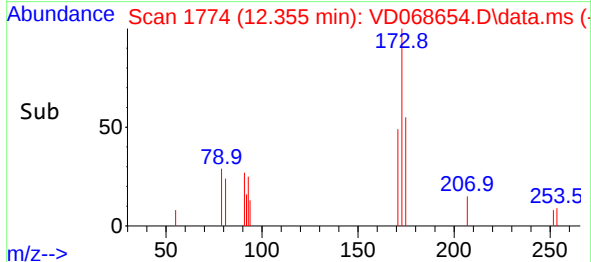
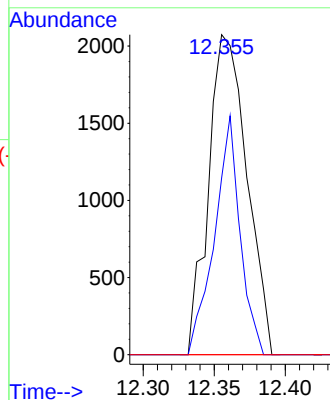
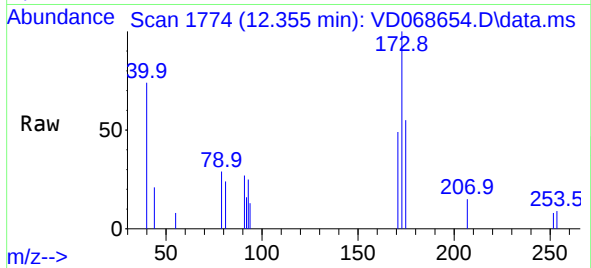




#71
Bromoform
Concen: 3.01 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

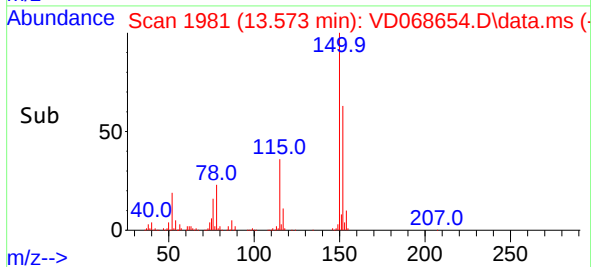
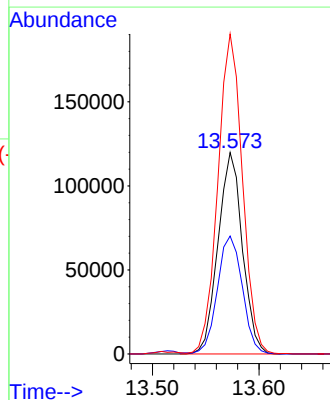
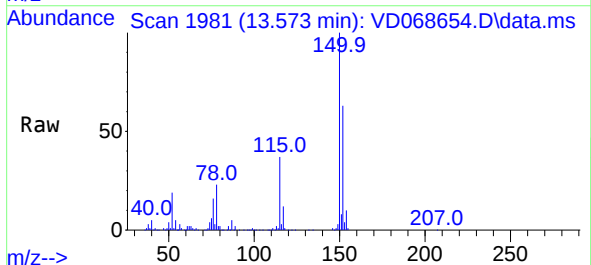
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

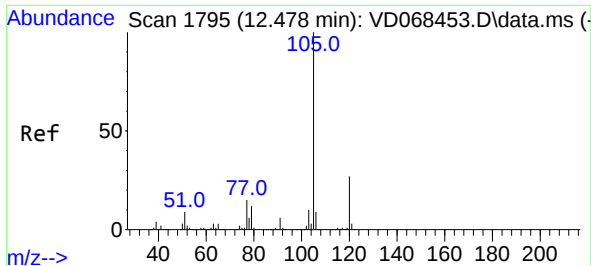
Tgt Ion:	173	Resp:	3900
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	152	Resp:	190303
Ion Ratio	Lower	Upper	
152	100		
115	59.8	28.9	86.8
150	160.1	0.0	344.4

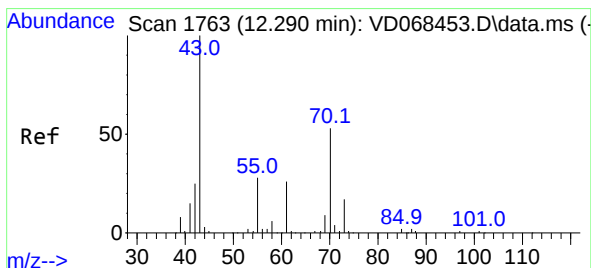
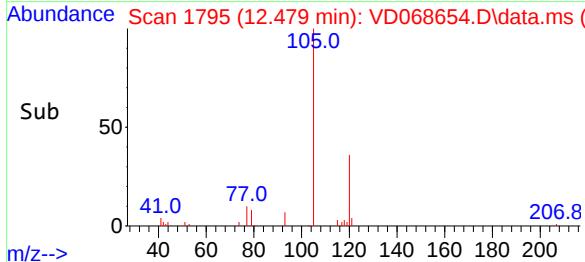
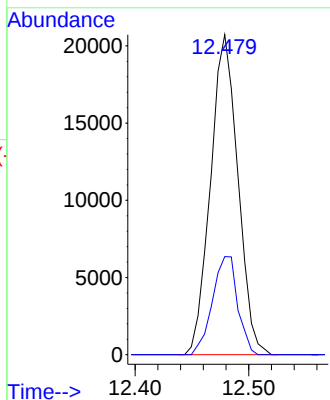
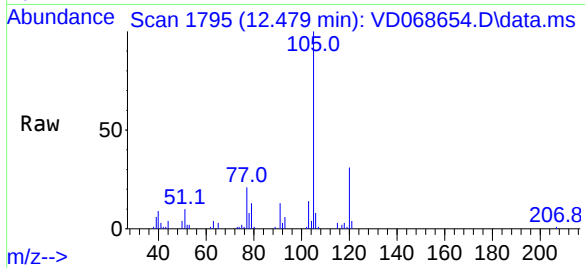




#73
Isopropylbenzene
Concen: 2.46 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

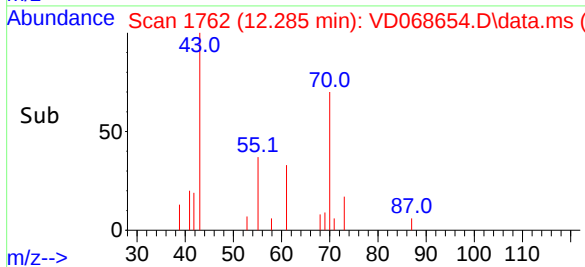
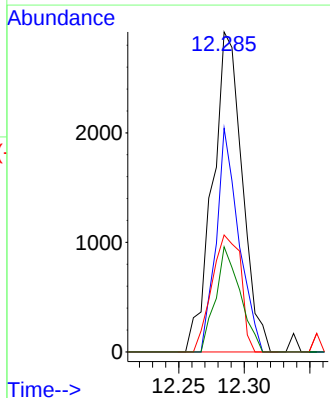
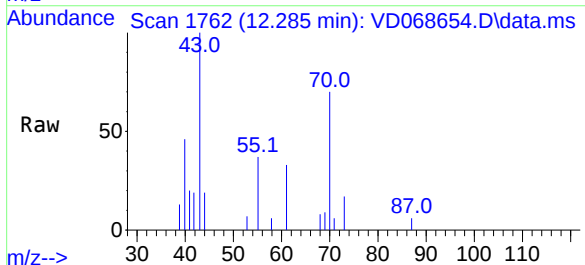
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

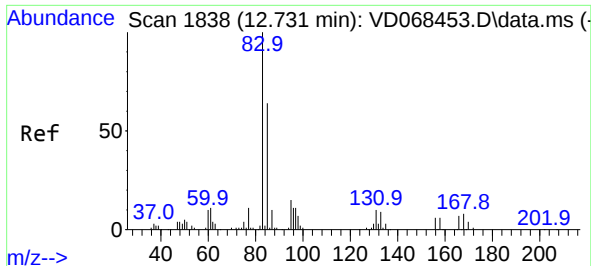
Tgt Ion:105 Resp: 34714
Ion Ratio Lower Upper
105 100
120 28.3 13.2 39.6



#74
N-ethyl acetate
Concen: 1.91 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 43 Resp: 4592
Ion Ratio Lower Upper
43 100
70 53.0 41.8 62.8
55 35.6 24.2 36.4
61 27.2 21.7 32.5

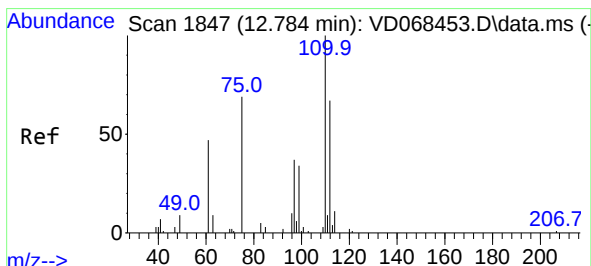
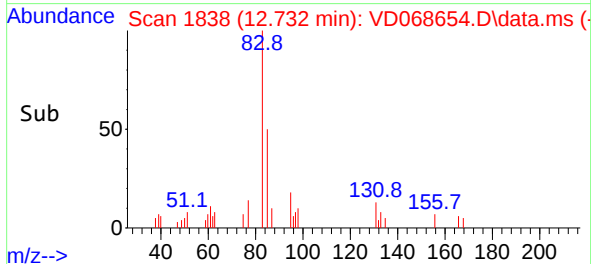
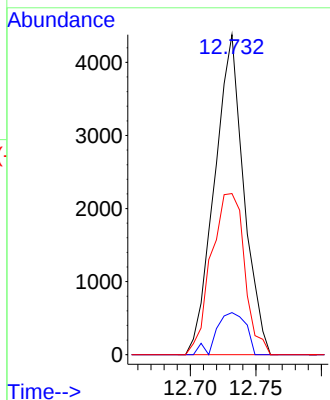
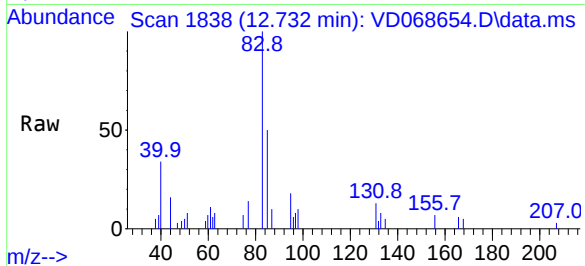




#75
1,1,2,2-Tetrachloroethane
Concen: 2.79 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

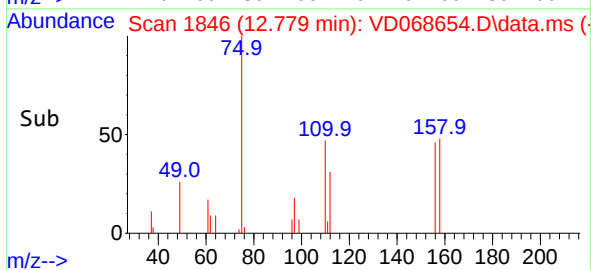
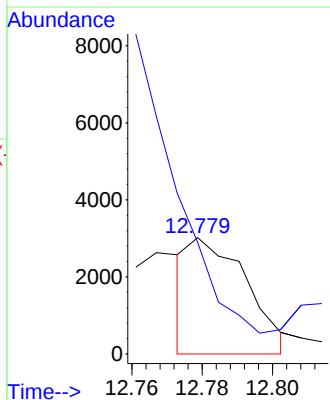
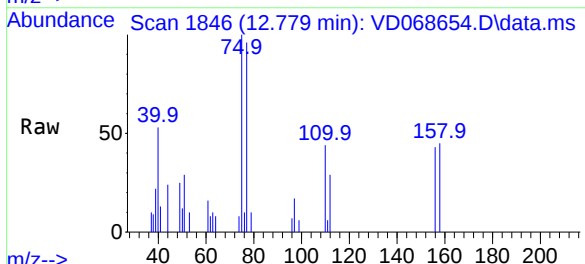
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

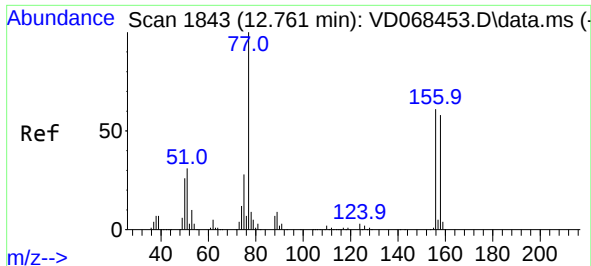
Tgt Ion:	83	Resp:	6784
Ion	Ratio	Lower	Upper
83	100		
131	13.3	5.8	17.4
85	57.4	32.4	97.2



#76
1,2,3-Trichloropropane
Concen: 2.03 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	75	Resp:	3426
Ion	Ratio	Lower	Upper
75	100		
77	468.2	0.0	0.0#

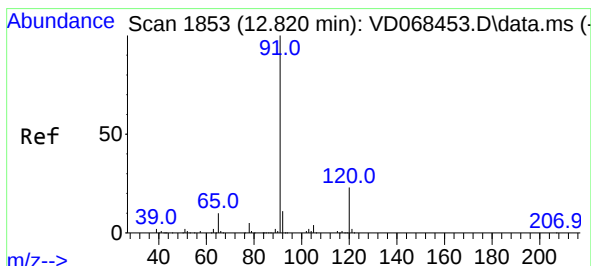
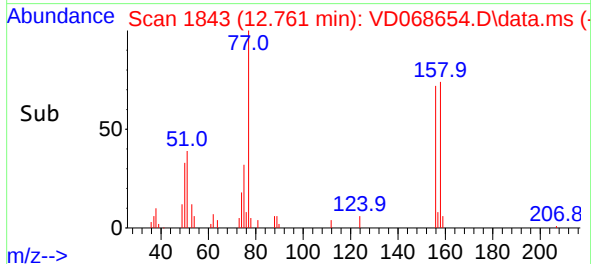
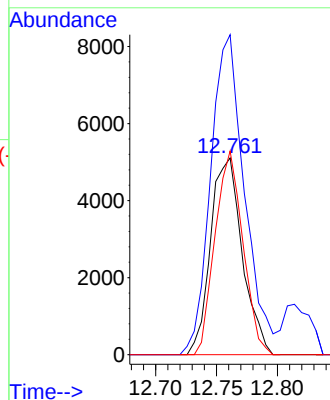
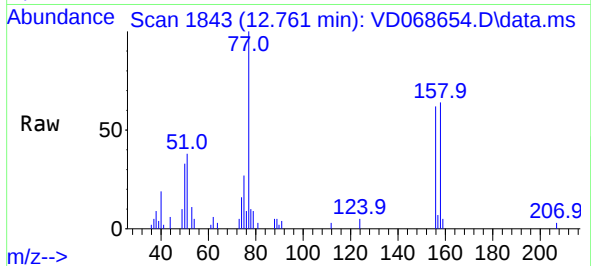




#77
Bromobenzene
Concen: 2.87 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

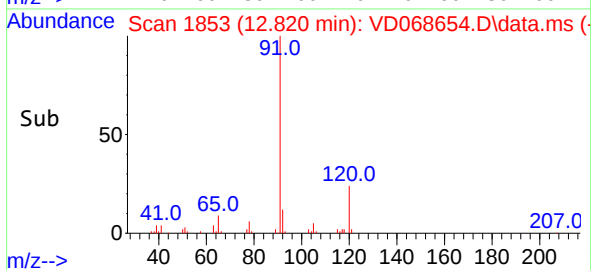
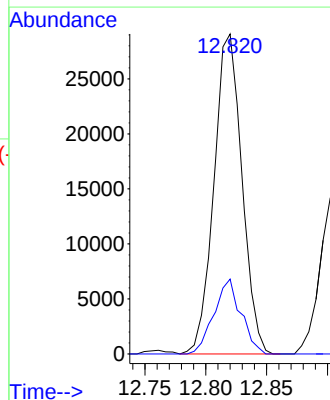
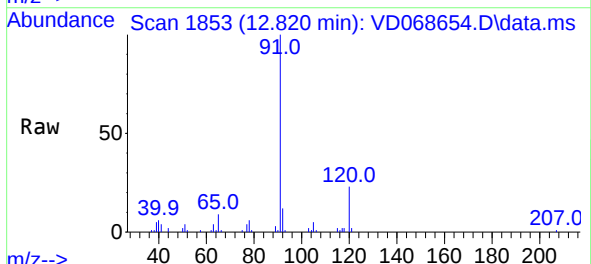
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

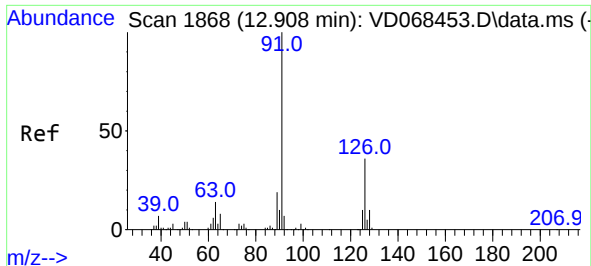
Tgt Ion:156 Resp: 9259
Ion Ratio Lower Upper
156 100
77 173.2 82.8 248.3
158 90.9 48.0 144.0



#78
n-propylbenzene
Concen: 2.76 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 91 Resp: 46482
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.0

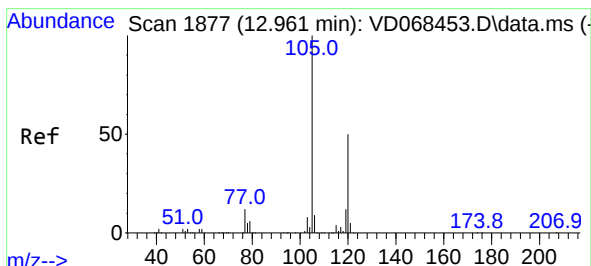
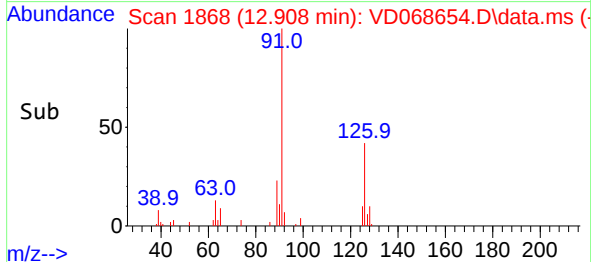
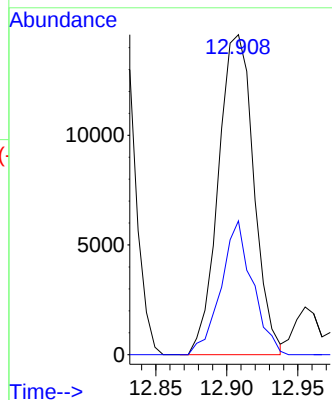
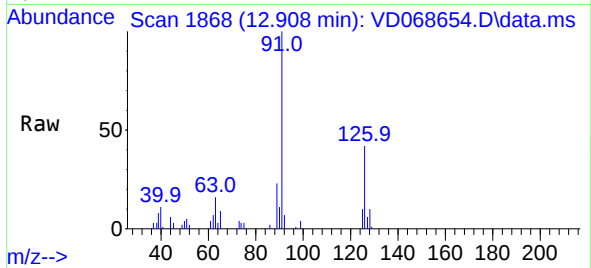




#79
2-Chlorotoluene
Concen: 2.70 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

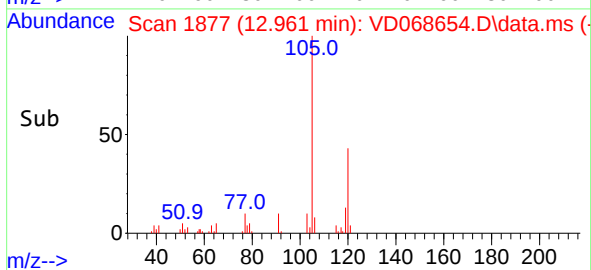
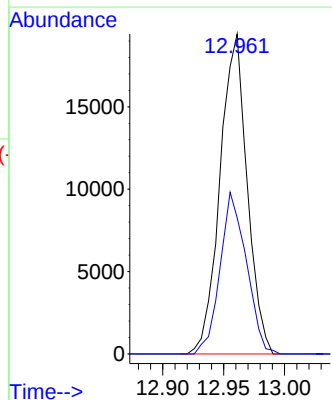
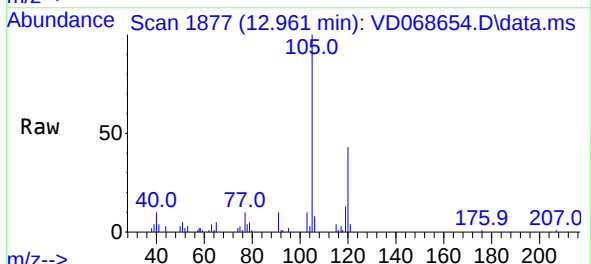
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

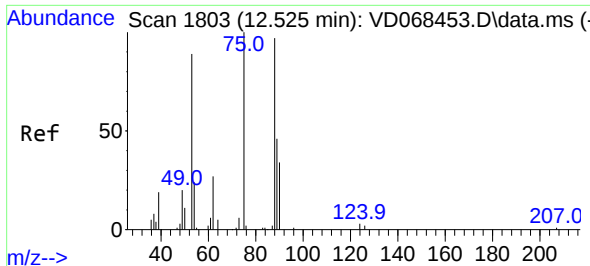
Tgt Ion: 91 Resp: 25302
Ion Ratio Lower Upper
91 100
126 37.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 2.60 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

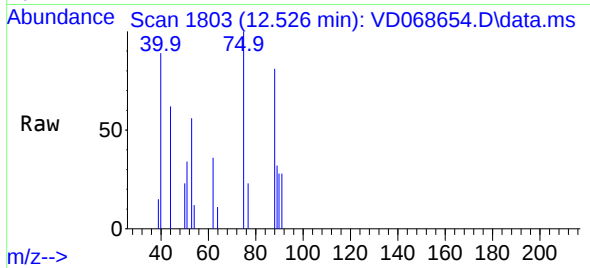
Tgt Ion: 105 Resp: 30110
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6



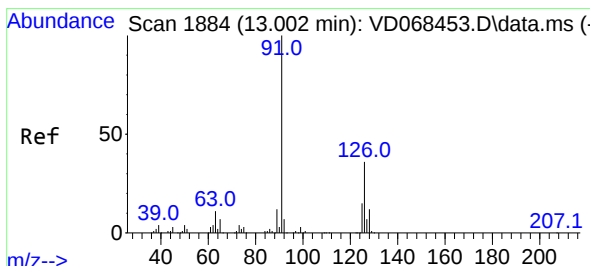
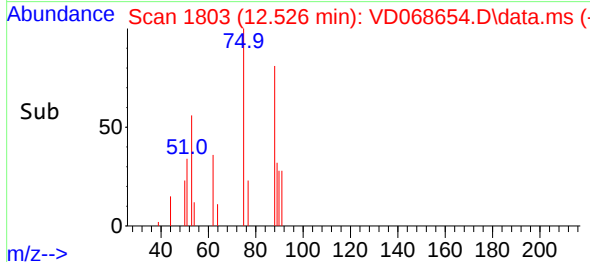
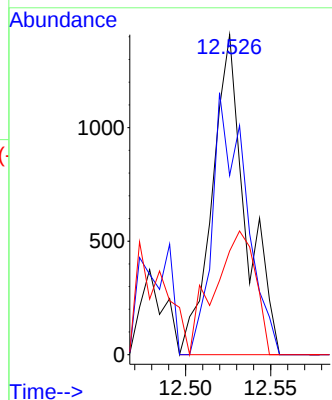


#81
trans-1,4-Dichloro-2-butene
Concen: 2.67 ug/l m
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

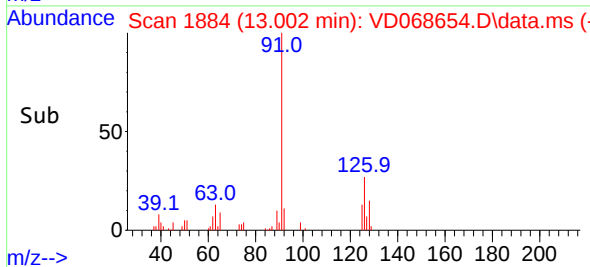
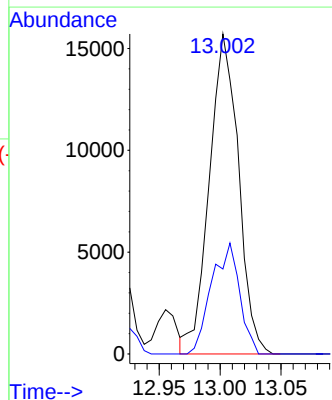
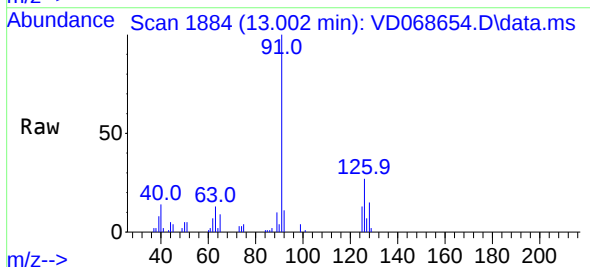


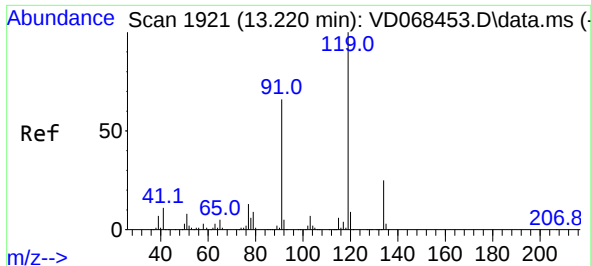
Tgt Ion: 75 Resp: 1933
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#



#82
4-Chlorotoluene
Concen: 2.66 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 91 Resp: 26227
Ion Ratio Lower Upper
91 100
126 33.3 17.7 53.1

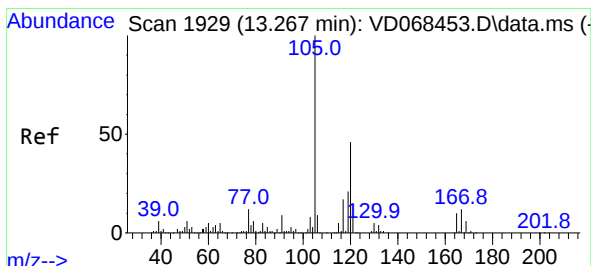
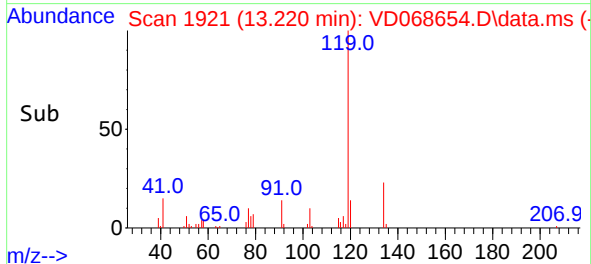
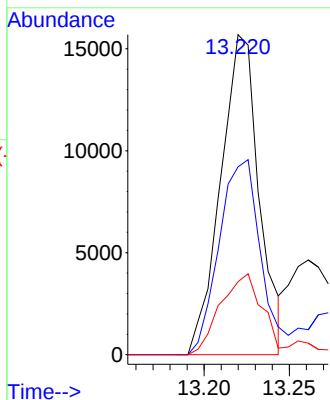
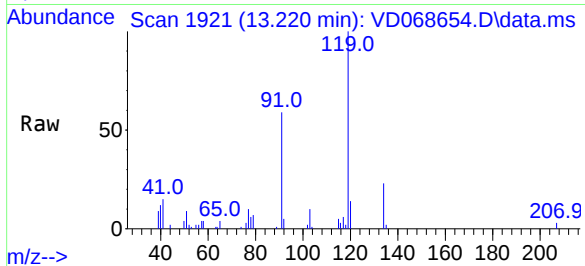




#83
tert-Butylbenzene
Concen: 2.51 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

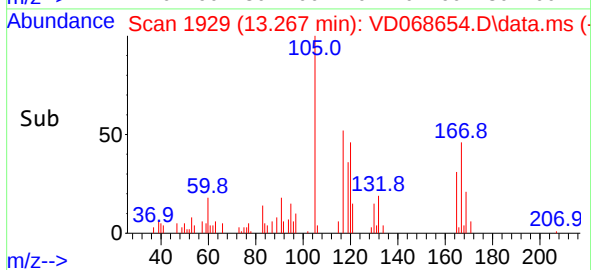
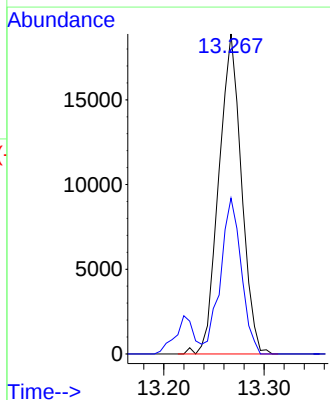
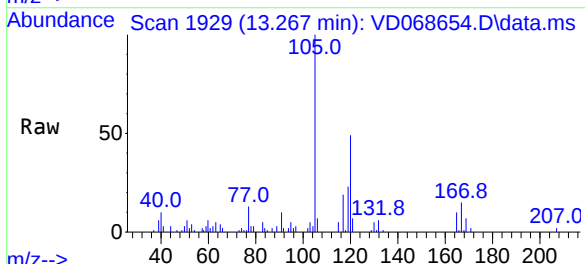
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

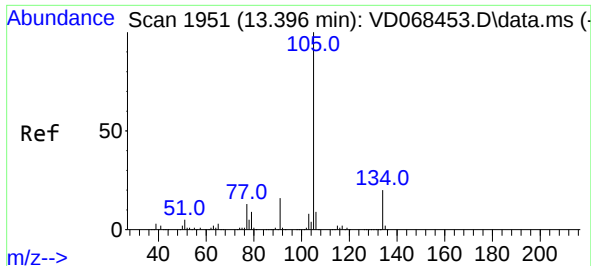
Tgt Ion:	119	Resp:	24687
Ion	Ratio	Lower	Upper
119	100		
91	65.7	31.1	93.5
134	27.7	13.3	39.8



#84
1,2,4-Trimethylbenzene
Concen: 2.55 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	105	Resp:	29489
Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.0

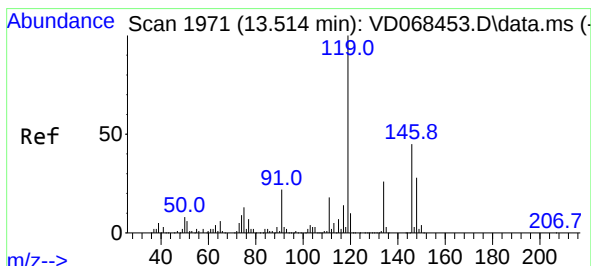
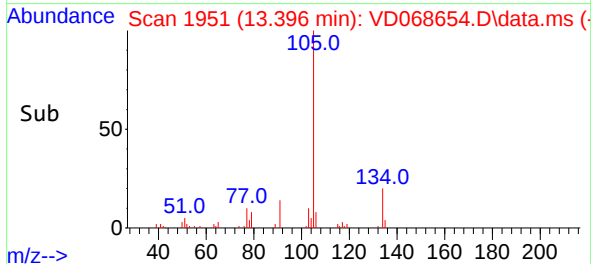
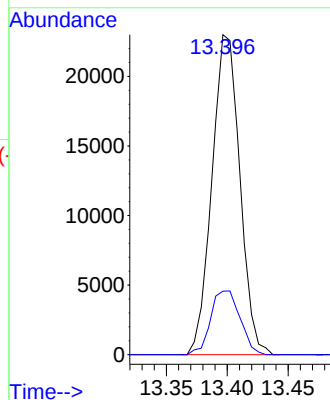
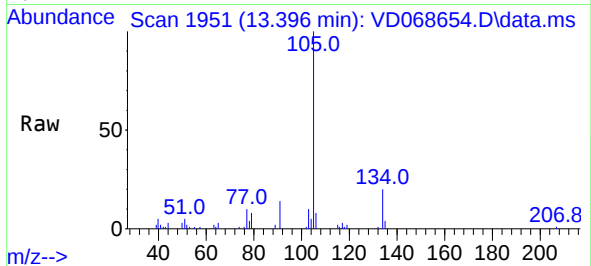




#85
sec-Butylbenzene
Concen: 2.64 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

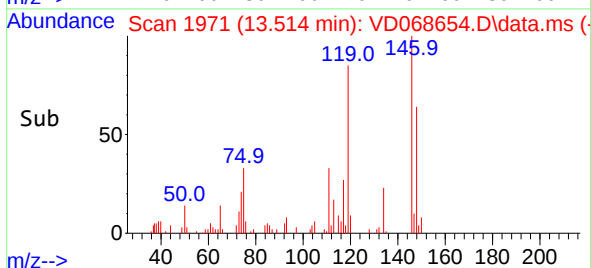
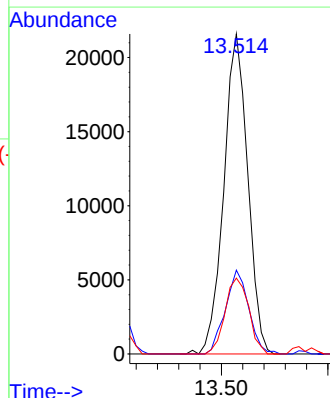
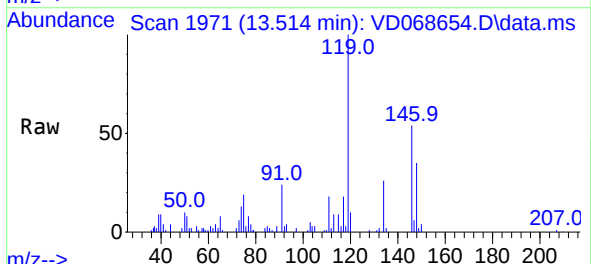
Instrument :
MSVOA_D
ClientSampleId :
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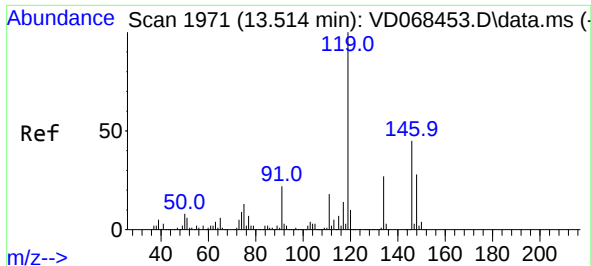
Tgt Ion:105 Resp: 36683
Ion Ratio Lower Upper
105 100
134 21.0 10.3 30.9



#86
p-Isopropyltoluene
Concen: 2.66 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:119 Resp: 33642
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.7
91 23.5 11.7 35.0

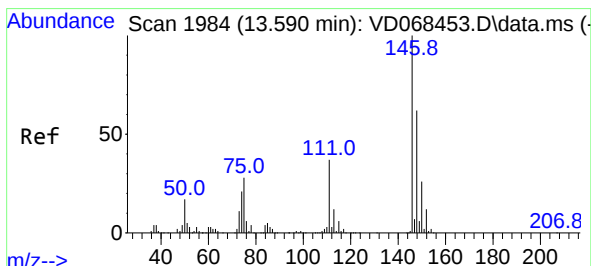
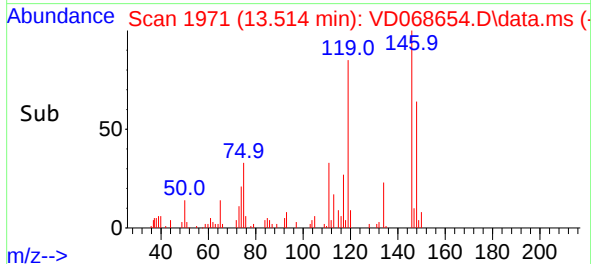
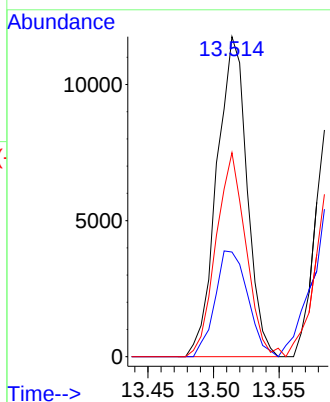
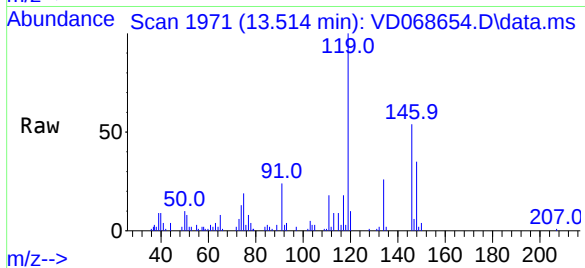




#87
1,3-Dichlorobenzene
Concen: 3.03 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

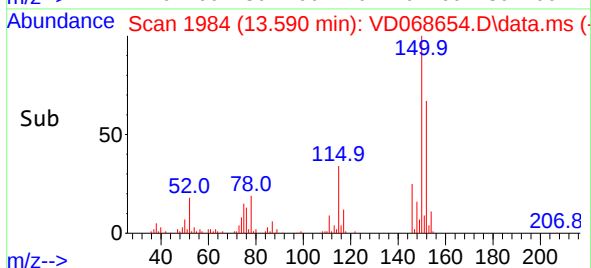
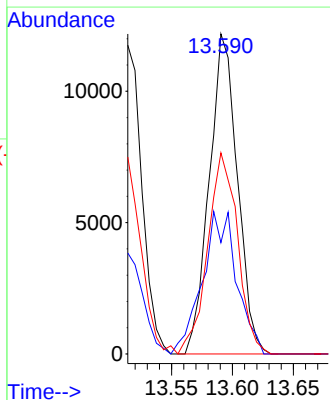
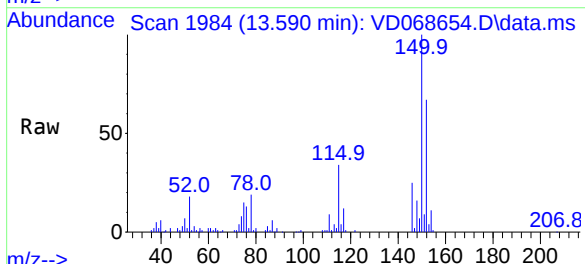
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

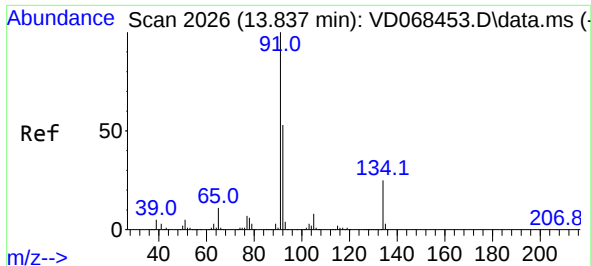
Tgt Ion:	146	Resp:	18819
Ion	Ratio	Lower	Upper
146	100		
111	35.9	19.5	58.5
148	63.2	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 3.18 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	146	Resp:	19588
Ion	Ratio	Lower	Upper
146	100		
111	54.3	19.1	57.1
148	66.8	31.9	95.7

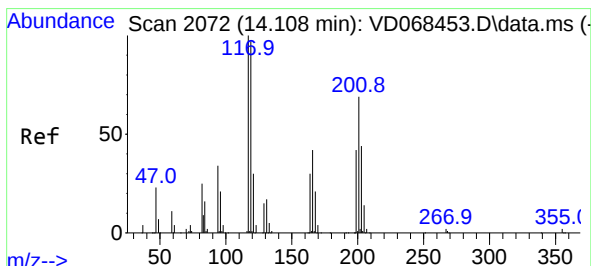
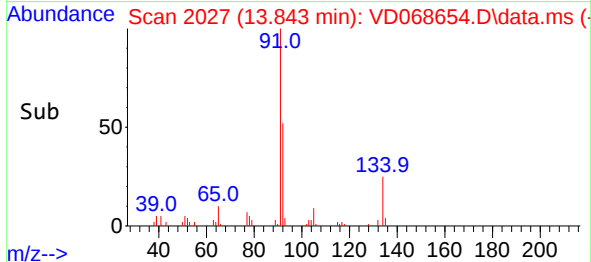
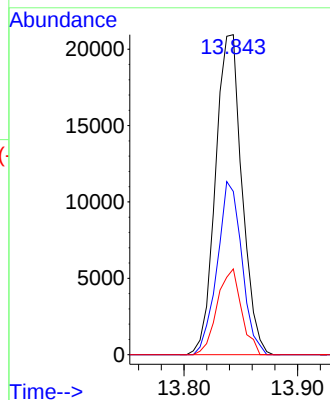
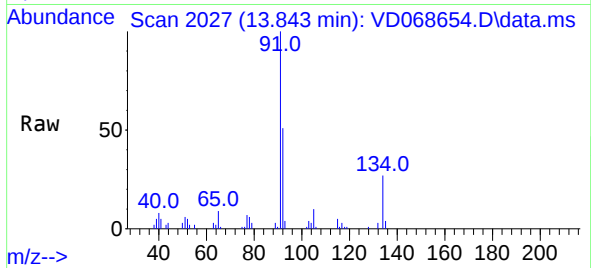




#89
n-Butylbenzene
Concen: 2.79 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

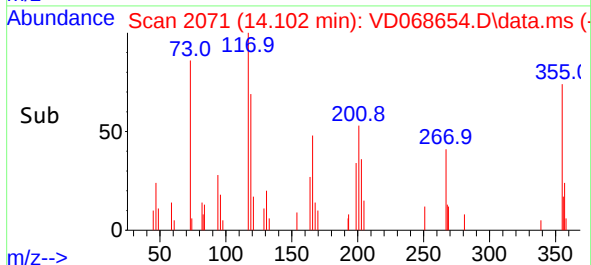
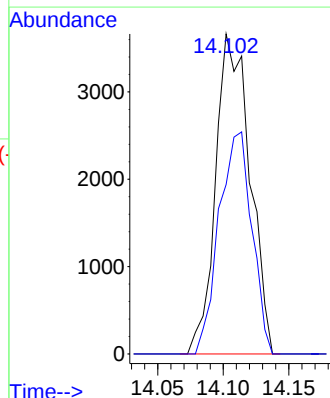
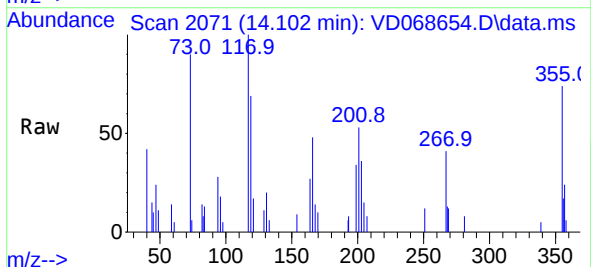
Instrument :
MSVOA_D
ClientSampleId :
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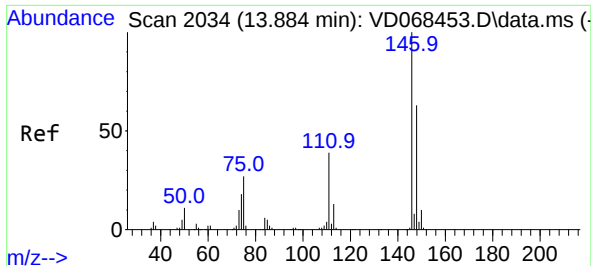
Tgt Ion: 91	Resp: 33949
Ion Ratio	Lower Upper
91 100	
92 50.4	27.2 81.6
134 24.6	13.9 41.7



#90
Hexachloroethane
Concen: 2.64 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 117	Resp: 6635
Ion Ratio	Lower Upper
117 100	
201 66.6	39.5 118.5

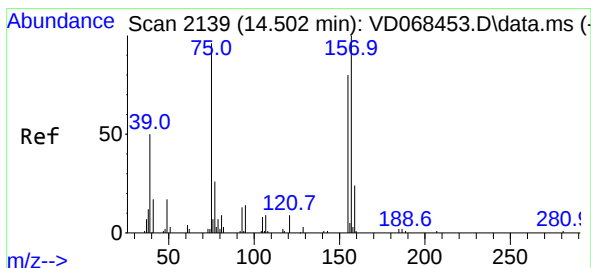
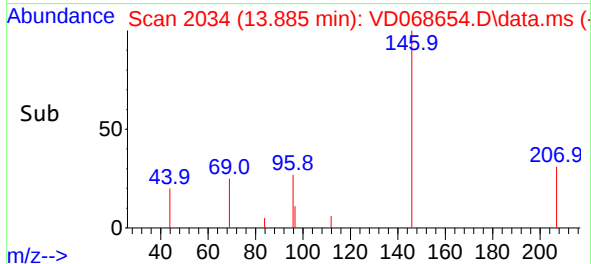
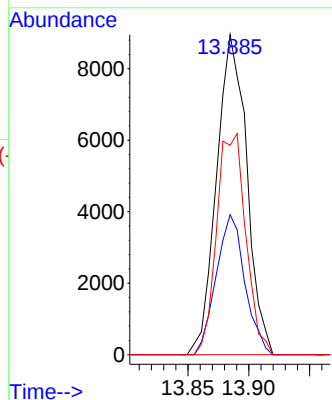
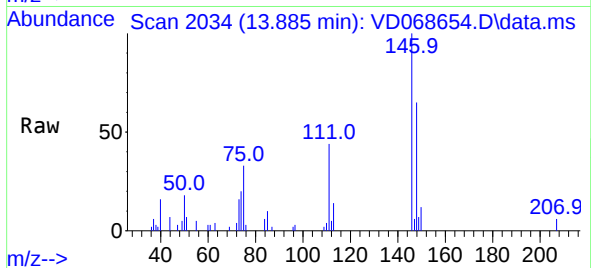




#91
1,2-Dichlorobenzene
Concen: 2.90 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

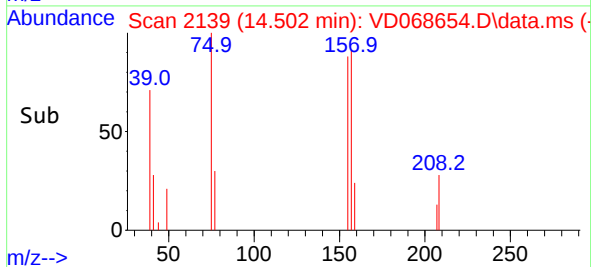
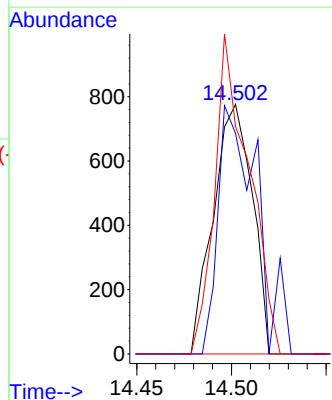
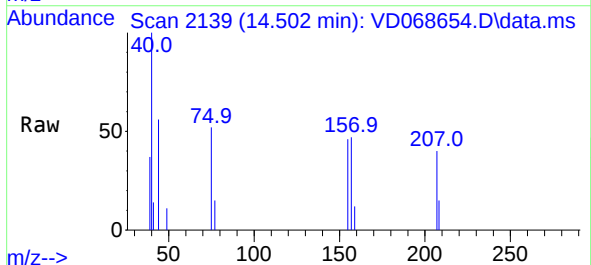
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

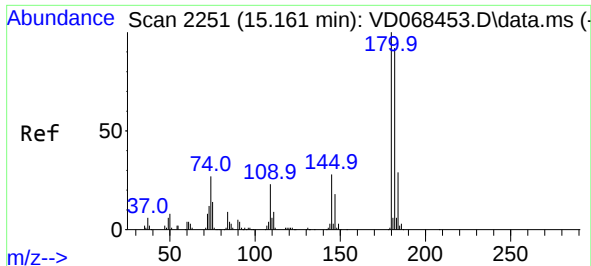
Tgt Ion:146 Resp: 15462
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.9
148 66.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.60 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion: 75 Resp: 1112
Ion Ratio Lower Upper
75 100
155 99.6 48.0 144.2
157 112.1 65.0 194.8

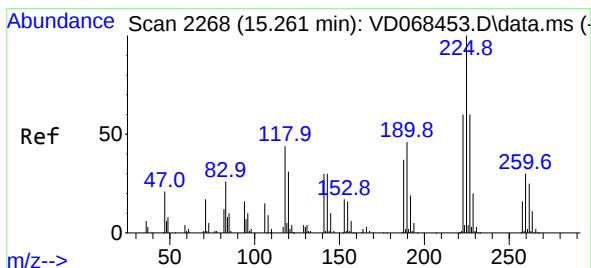
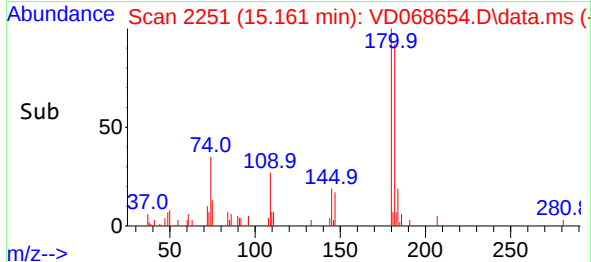
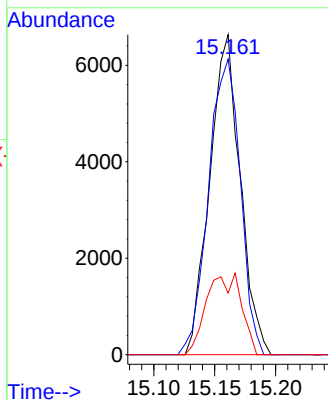
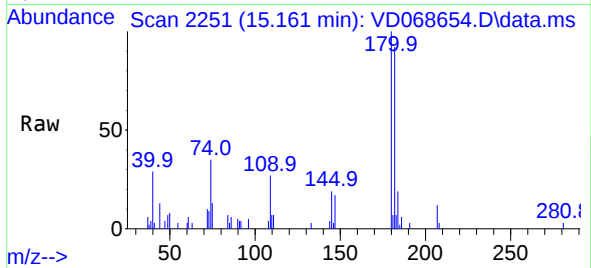




#93
1,2,4-Trichlorobenzene
Concen: 2.80 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

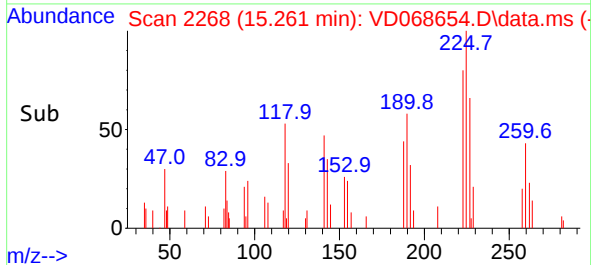
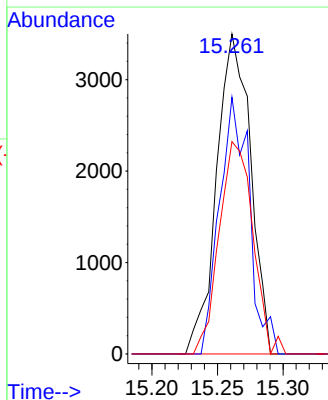
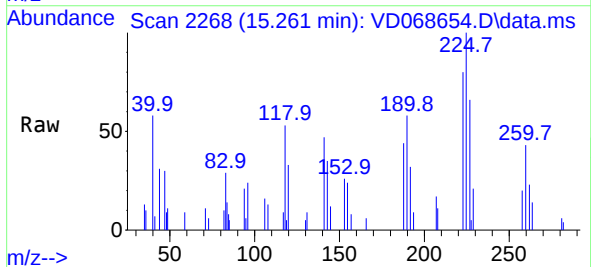
Instrument :
MSVOA_D
ClientSampleId :
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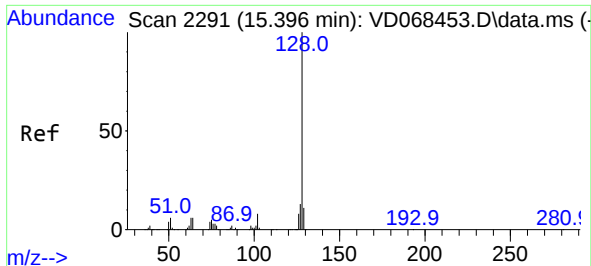
Tgt Ion:	180	Resp:	11553
Ion Ratio	Lower	Upper	
180	100		
182	96.2	46.8	140.4
145	28.8	15.2	45.5



#94
Hexachlorobutadiene
Concen: 2.75 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	225	Resp:	6299
Ion Ratio	Lower	Upper	
225	100		
223	70.7	31.9	95.5
227	65.9	32.1	96.5

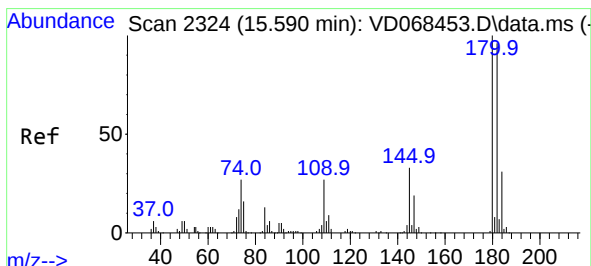
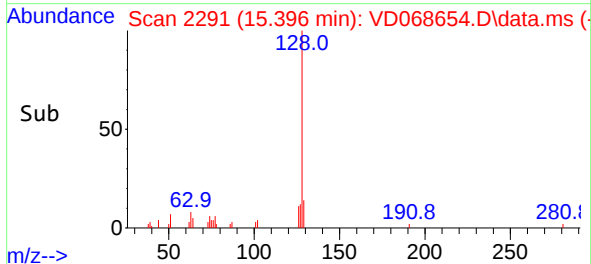
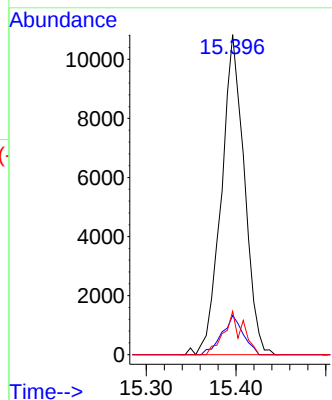
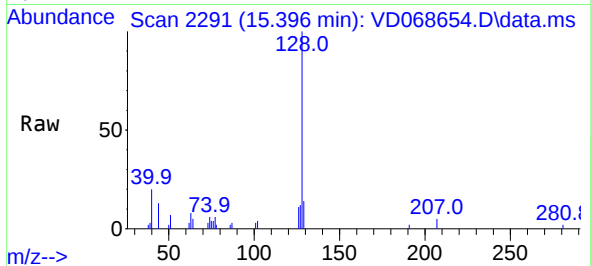




#95
Naphthalene
Concen: 2.58 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	128	Resp:	19229
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.2
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.66 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068654.D
Acq: 18 Mar 2021 15:10

Tgt Ion:	180	Resp:	9491
Ion	Ratio	Lower	Upper
180	100		
182	99.4	48.3	144.8
145	29.6	16.7	50.1

