

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
 Data File : VD068655.D
 Acq On : 18 Mar 2021 15:38
 Operator : VA/SY
 Sample : M1458-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 19 01:28:06 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	224016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	380366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	354840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	192064	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	105759	47.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.50%
35) Dibromofluoromethane	7.914	113	111414	48.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.24%
50) Toluene-d8	10.344	98	424149	46.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.94%
62) 4-Bromofluorobenzene	12.632	95	146858	49.93	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.86%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	9434	4.34	ug/l	96
3) Chloromethane	2.209	50	12696	4.62	ug/l	99
4) Vinyl Chloride	2.350	62	15420	4.73	ug/l	94
5) Bromomethane	2.768	94	12189	5.25	ug/l	88
6) Chloroethane	2.926	64	10104	4.79	ug/l #	85
7) Trichlorofluoromethane	3.279	101	17433	4.68	ug/l	93
8) Diethyl Ether	3.709	74	4548	4.10	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	11039	4.87	ug/l	97
10) Methyl Iodide	4.291	142	8810	3.66	ug/l	94
11) Tert butyl alcohol	5.209	59	3170m	26.53	ug/l	
12) 1,1-Dichloroethene	4.073	96	10765	4.78	ug/l	88
13) Acrolein	3.932	56	2734	16.01	ug/l	90
14) Allyl chloride	4.715	41	12167	4.19	ug/l	94
15) Acrylonitrile	5.438	53	10247	21.91	ug/l #	28
16) Acetone	4.162	43	8028	22.58	ug/l #	87
17) Carbon Disulfide	4.420	76	33318	4.52	ug/l	100
18) Methyl Acetate	4.715	43	4627	5.05	ug/l #	74
19) Methyl tert-butyl Ether	5.479	73	20557	4.21	ug/l #	89
20) Methylene Chloride	4.973	84	34800	11.53	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	13576	5.05	ug/l	89
22) Diisopropyl ether	6.367	45	23293	3.64	ug/l #	86
23) Vinyl Acetate	6.303	43	56631m	17.06	ug/l	
24) 1,1-Dichloroethane	6.273	63	20695	4.72	ug/l	98
25) 2-Butanone	7.220	43	10228	20.01	ug/l	90
26) 2,2-Dichloropropane	7.220	77	16237	4.45	ug/l	95
27) cis-1,2-Dichloroethene	7.220	96	12663	4.29	ug/l	97
28) Bromochloromethane	7.550	49	7355	4.30	ug/l #	86
29) Tetrahydrofuran	7.561	42	6434	19.39	ug/l	98
30) Chloroform	7.714	83	22117	4.78	ug/l	93
31) Cyclohexane	7.979	56	20768	5.10	ug/l #	86
32) 1,1,1-Trichloroethane	7.909	97	18560	4.70	ug/l	92
36) 1,1-Dichloropropene	8.120	75	15964	4.42	ug/l	95
37) Ethyl Acetate	7.297	43	4768	3.97	ug/l #	88
38) Carbon Tetrachloride	8.103	117	15300	4.50	ug/l	95
39) Methylcyclohexane	9.355	83	18617	4.18	ug/l	94
40) Benzene	8.356	78	45490	4.39	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	2574m	3.70	ug/l	
42) 1,2-Dichloroethane	8.432	62	13140	4.82	ug/l	97
43) Isopropyl Acetate	8.456	43	9068	4.11	ug/l	91
44) Trichloroethene	9.120	130	13626	4.79	ug/l	96
45) 1,2-Dichloropropane	9.391	63	11571	4.67	ug/l	92
46) Dibromomethane	9.479	93	6377	4.73	ug/l	91
47) Bromodichloromethane	9.667	83	15500	4.44	ug/l	92
48) Methyl methacrylate	9.455	41	4331	3.69	ug/l #	67
49) 1,4-Dioxane	9.467	88	1174	76.32	ug/l #	83
51) 4-Methyl-2-Pentanone	10.232	43	22705	19.68	ug/l	97
52) Toluene	10.402	92	29851	4.51	ug/l	94
53) t-1,3-Dichloropropene	10.626	75	13935	4.32	ug/l	93
54) cis-1,3-Dichloropropene	10.091	75	16785	4.27	ug/l #	88
55) 1,1,2-Trichloroethane	10.802	97	8811	4.72	ug/l	93
56) Ethyl methacrylate	10.661	69	8769	4.09	ug/l	96
57) 1,3-Dichloropropane	10.944	76	13970	4.29	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.944	63	21697	20.16	ug/l	97
59) 2-Hexanone	10.985	43	15365	19.98	ug/l	91
60) Dibromochloromethane	11.150	129	10099	4.37	ug/l	94
61) 1,2-Dibromoethane	11.244	107	7679	4.20	ug/l	94
64) Tetrachloroethene	10.879	164	10891	4.70	ug/l #	82
65) Chlorobenzene	11.673	112	32622	4.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	11967	4.76	ug/l	99
67) Ethyl Benzene	11.744	91	53536	4.15	ug/l	98
68) m/p-Xylenes	11.855	106	40892	8.35	ug/l	100
69) o-Xylene	12.179	106	18500	4.10	ug/l	94
70) Styrene	12.197	104	30720	3.98	ug/l	96
71) Bromoform	12.361	173	5839	4.58	ug/l #	91
73) Isopropylbenzene	12.479	105	51159	3.59	ug/l	99
74) N-amyl acetate	12.285	43	7961	3.28	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	10241	4.18	ug/l	96
76) 1,2,3-Trichloropropane	12.779	75	6602m	3.87	ug/l	
77) Bromobenzene	12.761	156	14592	4.49	ug/l	95
78) n-propylbenzene	12.814	91	70751	4.16	ug/l	99
79) 2-Chlorotoluene	12.902	91	39276	4.16	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	44177	3.78	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	2621	3.59	ug/l	87
82) 4-Chlorotoluene	13.002	91	39500	3.97	ug/l	98
83) tert-Butylbenzene	13.220	119	38426	3.87	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	45093	3.86	ug/l	97
85) sec-Butylbenzene	13.396	105	53346	3.80	ug/l	99
86) p-Isopropyltoluene	13.514	119	50779	3.98	ug/l	97
87) 1,3-Dichlorobenzene	13.514	146	29005	4.62	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	28336	4.56	ug/l	92
89) n-Butylbenzene	13.843	91	48254	3.92	ug/l	99
90) Hexachloroethane	14.108	117	8958	3.54	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	23800	4.42	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	1682	3.89	ug/l	89
93) 1,2,4-Trichlorobenzene	15.155	180	17227	4.14	ug/l	98
94) Hexachlorobutadiene	15.261	225	8817	3.82	ug/l	94
95) Naphthalene	15.396	128	26456	3.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	14311	3.97	ug/l	98

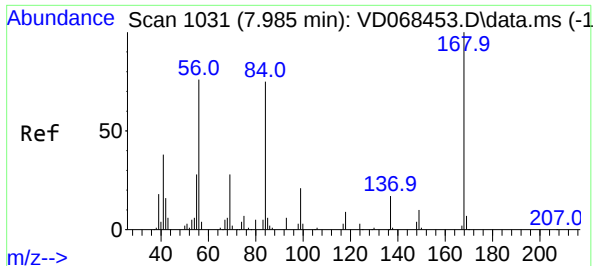
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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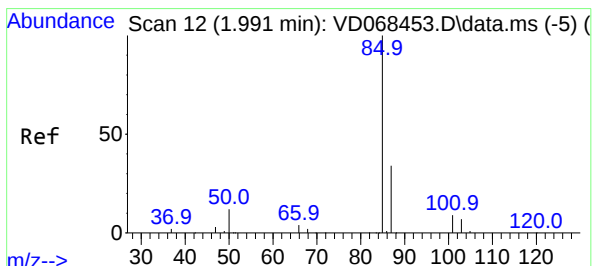
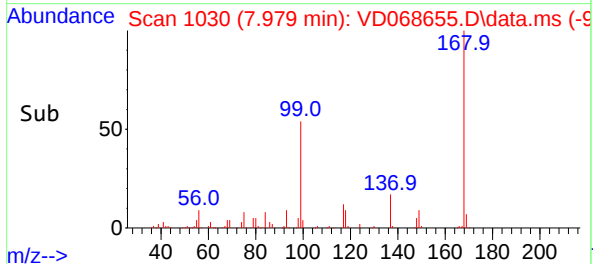
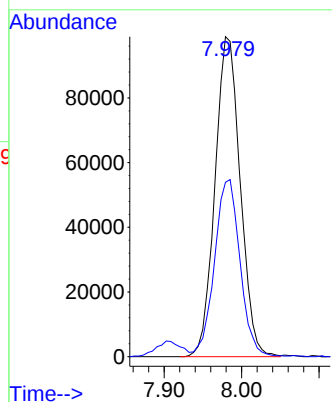
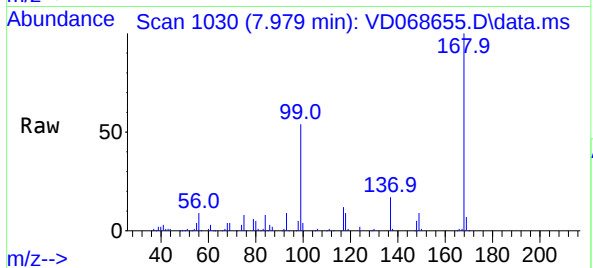
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
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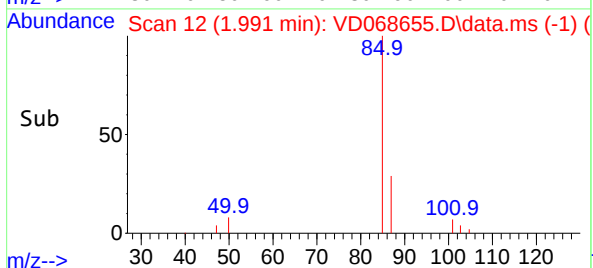
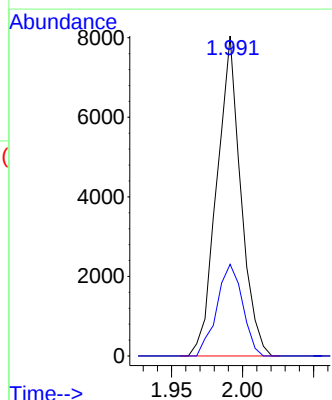
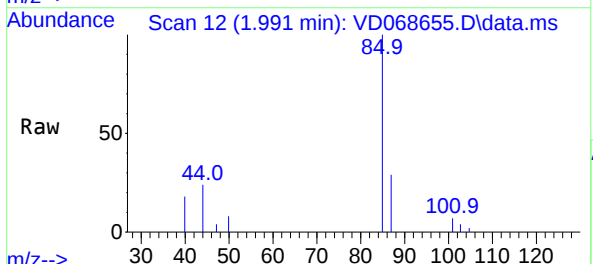
Instrument :
MSVOA_D
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MDL-SOIL-03-QT1-2021

Tgt Ion:168 Resp: 224016
Ion Ratio Lower Upper
168 100
99 54.2 43.5 65.3

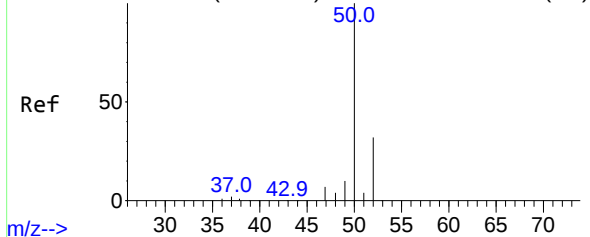


Dichlorodifluoromethane
Concen: 4.34 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 85 Resp: 9434
Ion Ratio Lower Upper
85 100
87 28.7 15.4 46.1



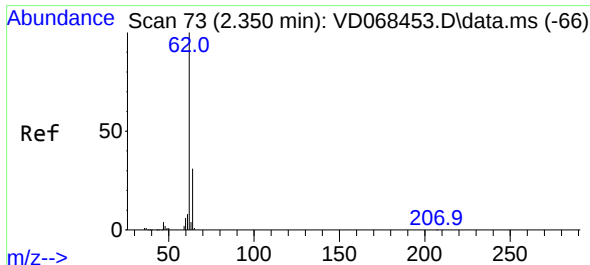
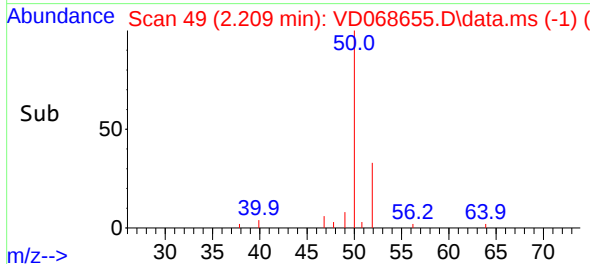
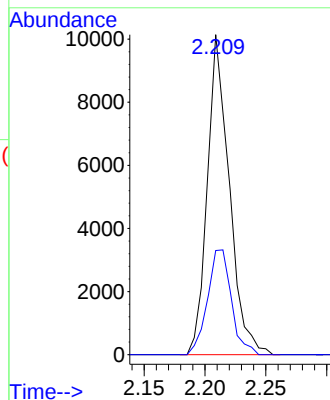
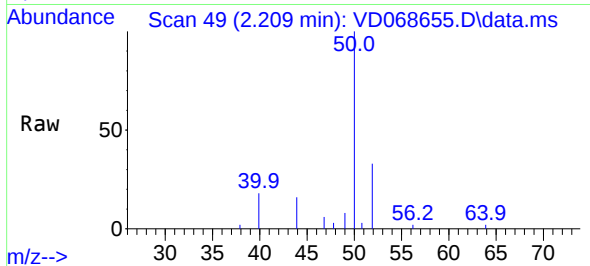
Abundance Scan 49 (2.208 min): VD068453.D\data.ms (-42)



#3
Chloromethane
Concen: 4.62 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

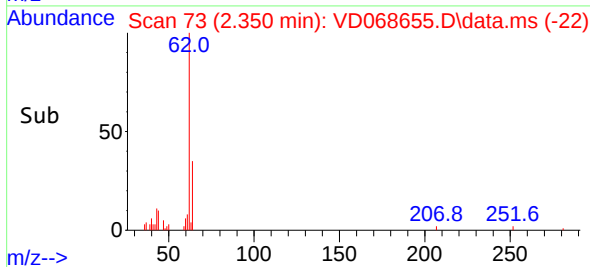
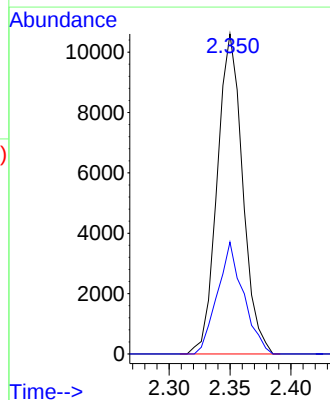
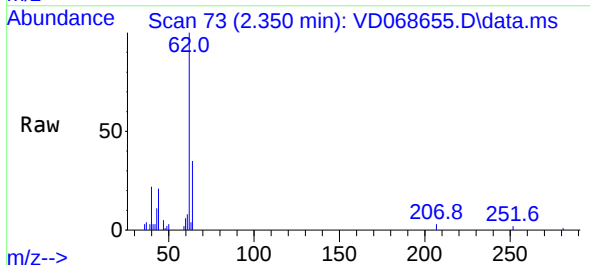
Tgt Ion: 50 Resp: 12696
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

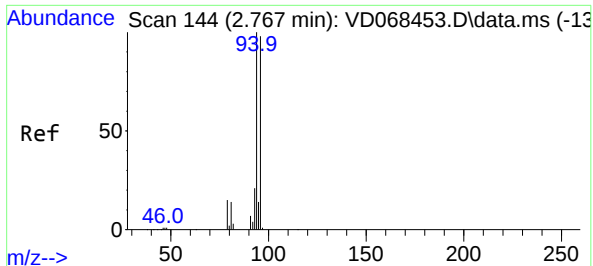
Instrument :
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#4
Vinyl Chloride
Concen: 4.73 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 62 Resp: 15420
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.2

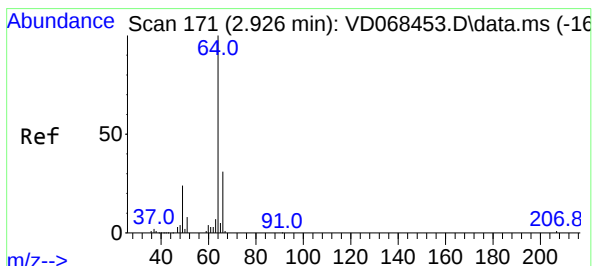
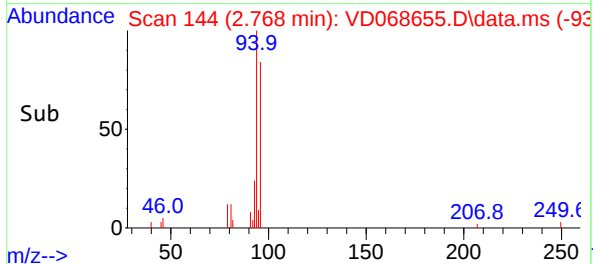
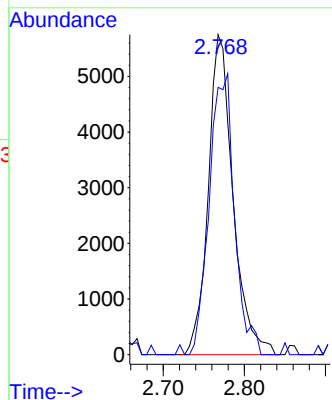
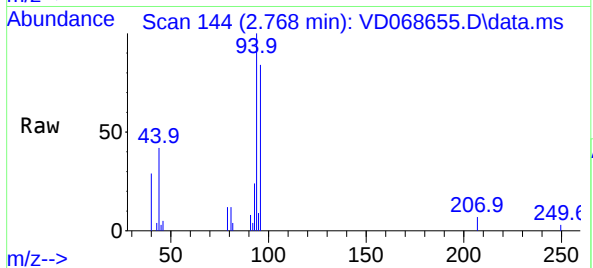




#5
Bromomethane
Concen: 5.25 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

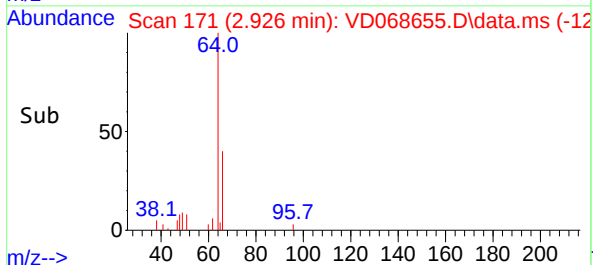
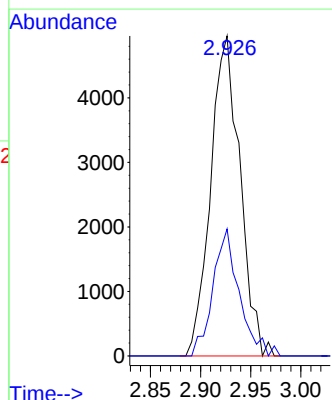
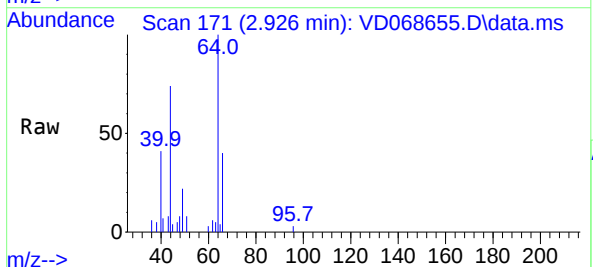
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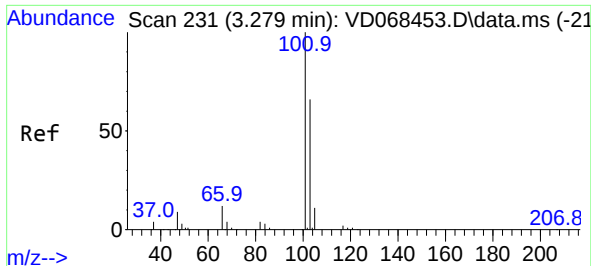
Tgt Ion: 94 Resp: 12189
Ion Ratio Lower Upper
94 100
96 83.6 75.8 113.8



#6
Chloroethane
Concen: 4.79 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 64 Resp: 10104
Ion Ratio Lower Upper
64 100
66 39.7 25.1 37.7#

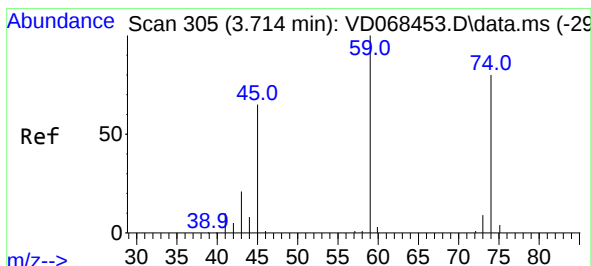
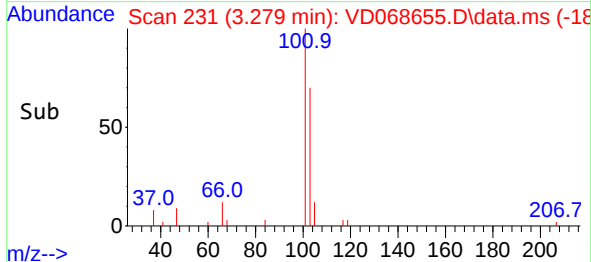
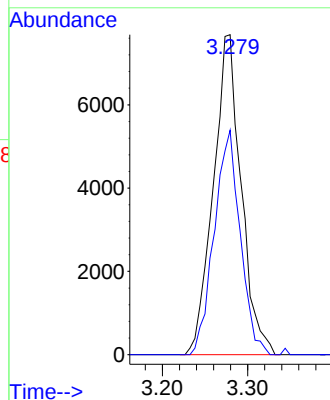
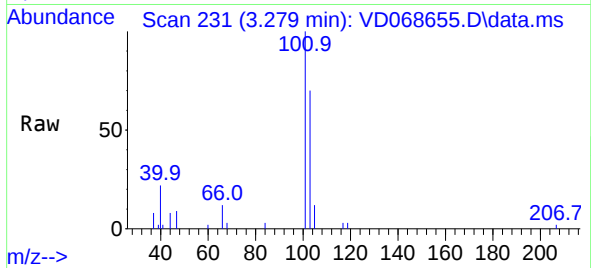




#7
Trichlorofluoromethane
Concen: 4.68 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

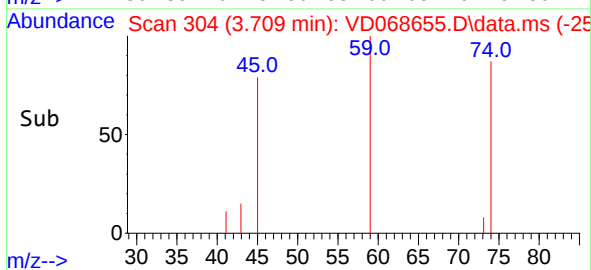
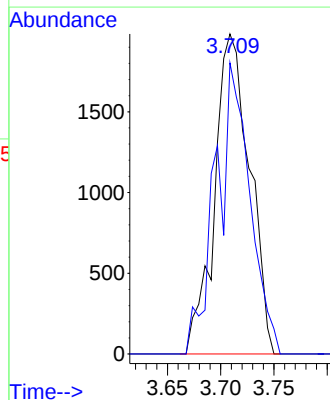
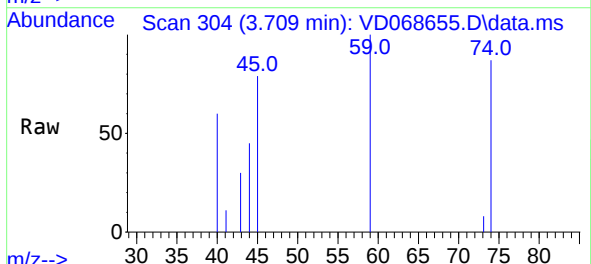
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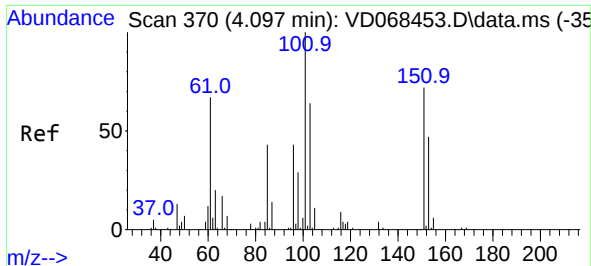
Tgt Ion:101 Resp: 17433
Ion Ratio Lower Upper
101 100
103 70.2 52.0 78.0



#8
Diethyl Ether
Concen: 4.10 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 74 Resp: 4548
Ion Ratio Lower Upper
74 100
45 88.5 42.1 126.4



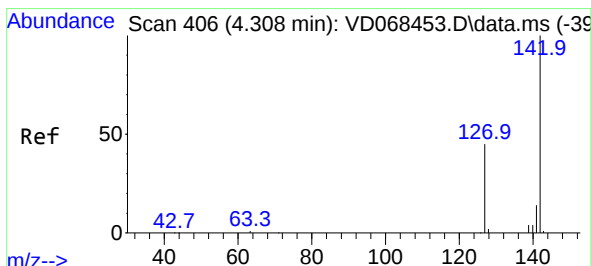
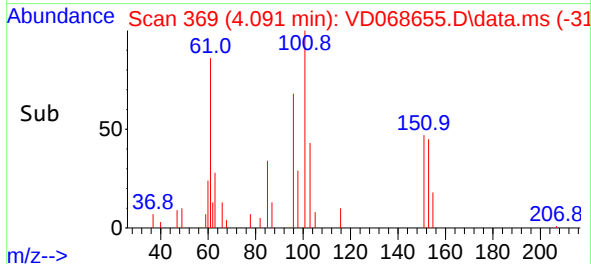
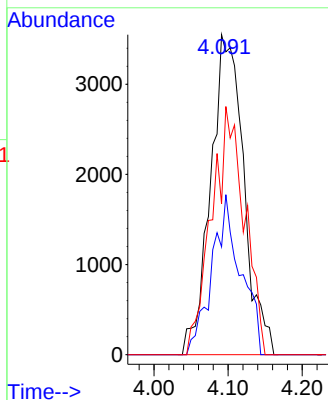
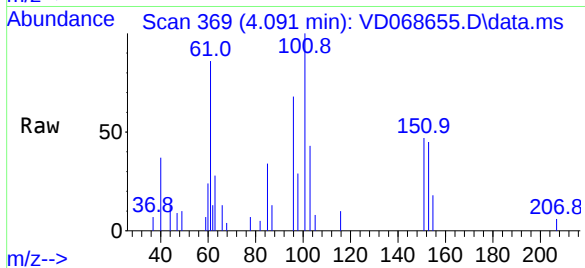


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.87 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

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Tgt Ion:101 Resp: 11039

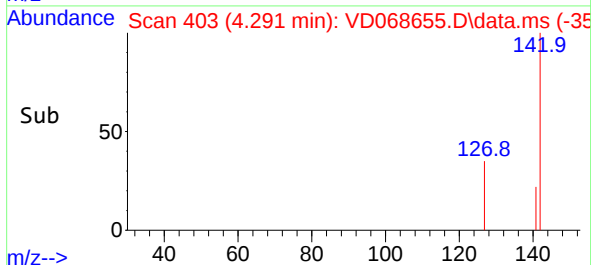
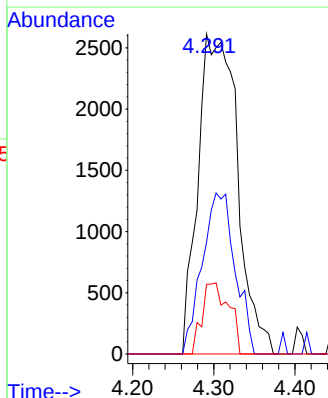
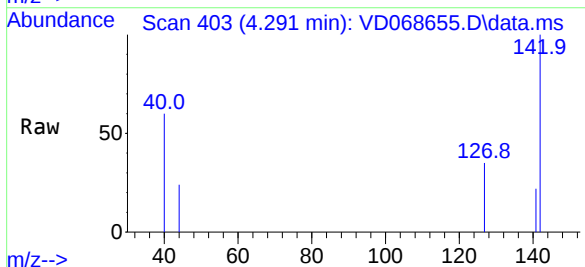
Ion	Ratio	Lower	Upper
101	100		
85	43.3	34.0	51.0
151	76.7	64.1	96.1

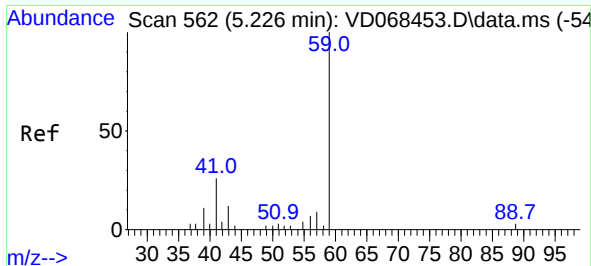


#10
Methyl Iodide
Concen: 3.66 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:142 Resp: 8810

Ion	Ratio	Lower	Upper
142	100		
127	42.1	37.9	56.9
141	15.1	11.5	17.3

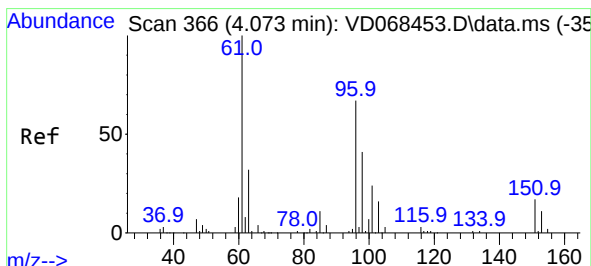
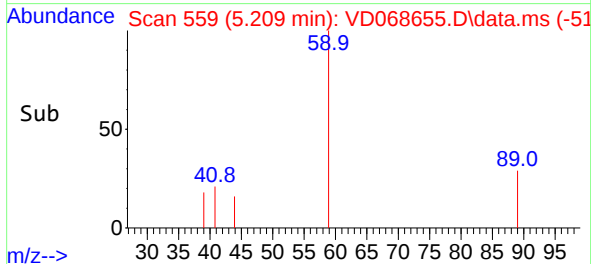
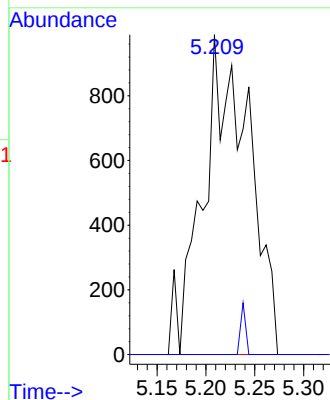
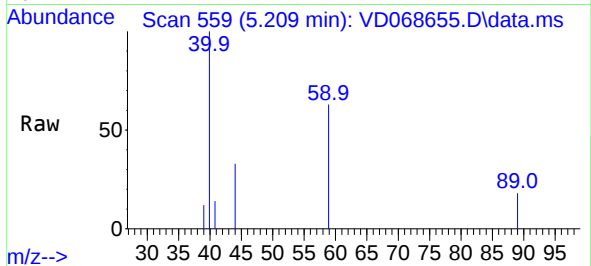




#11
Tert butyl alcohol
Concen: 26.53 ug/l m
RT: 5.209 min Scan# 559
Delta R.T. -0.017 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

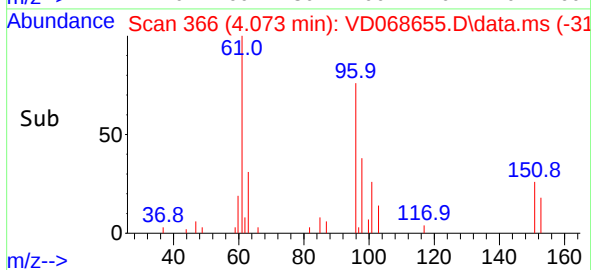
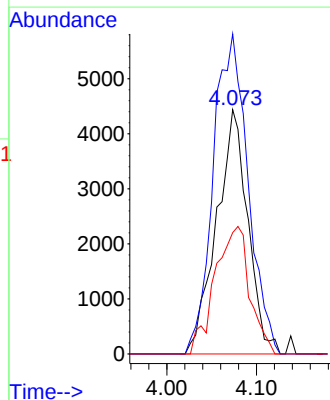
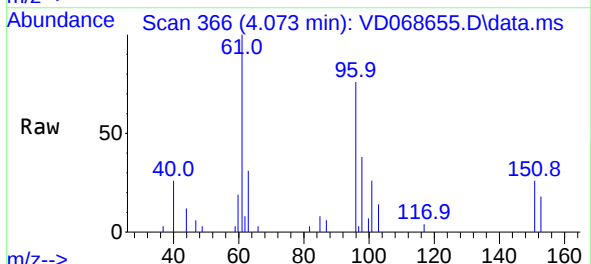
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

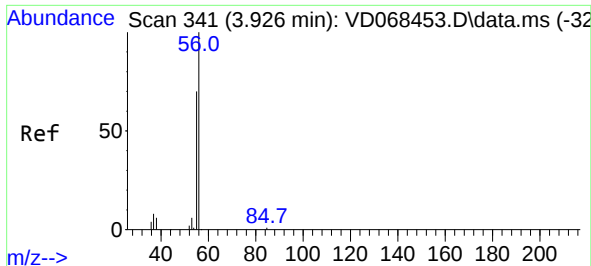
Tgt Ion: 59 Resp: 3170
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 4.78 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 96 Resp: 10765
Ion Ratio Lower Upper
96 100
61 131.0 116.2 174.4
98 49.7 48.6 73.0

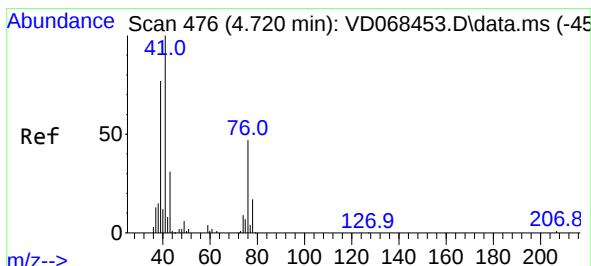
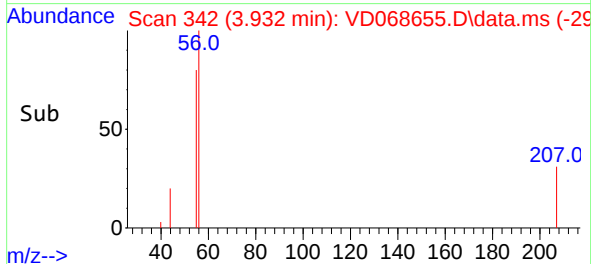
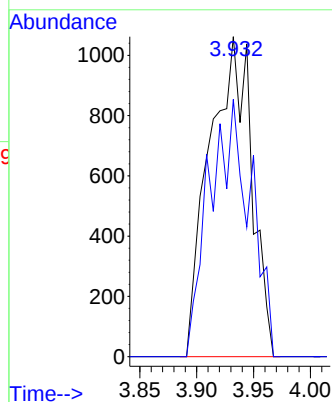
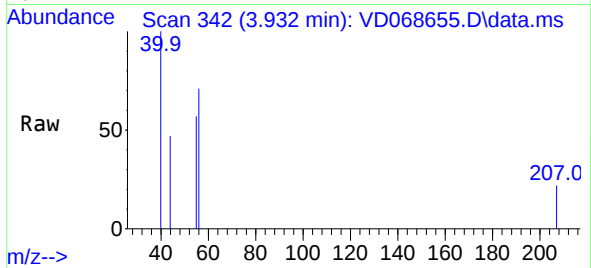




#13
Acrolein
Concen: 16.01 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

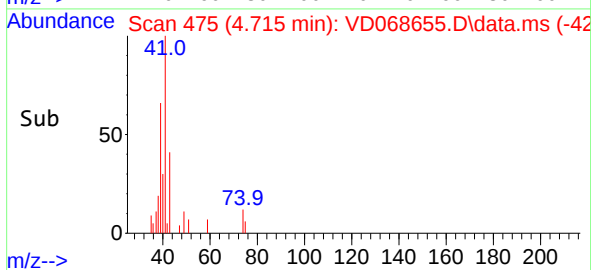
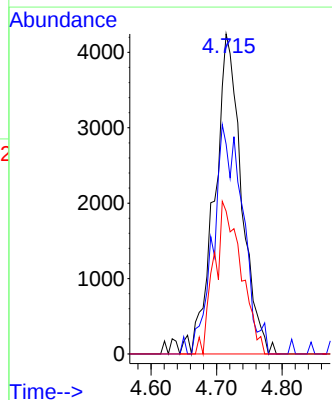
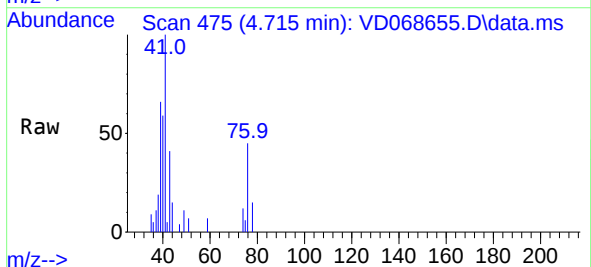
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

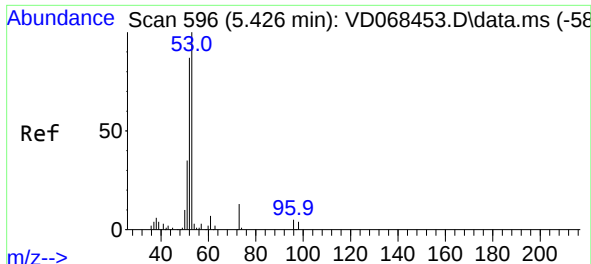
Tgt Ion: 56 Resp: 2734
Ion Ratio Lower Upper
56 100
55 78.6 56.5 84.7



#14
Allyl chloride
Concen: 4.19 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 41 Resp: 12167
Ion Ratio Lower Upper
41 100
39 78.3 56.3 84.5
76 47.7 38.9 58.3

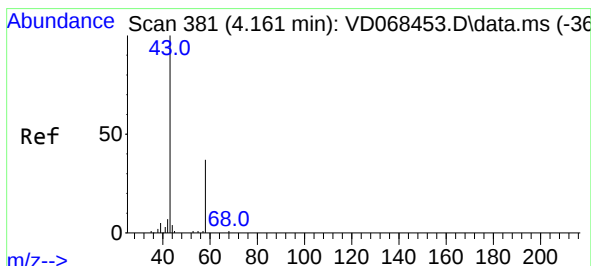
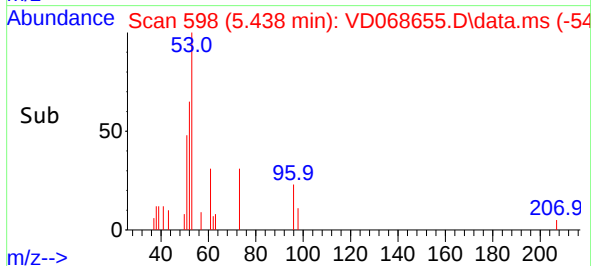
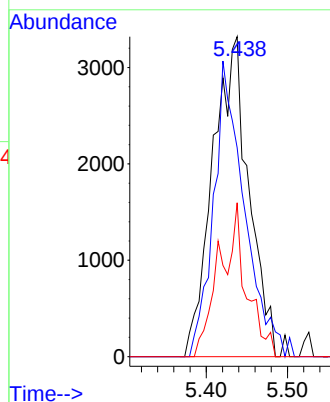
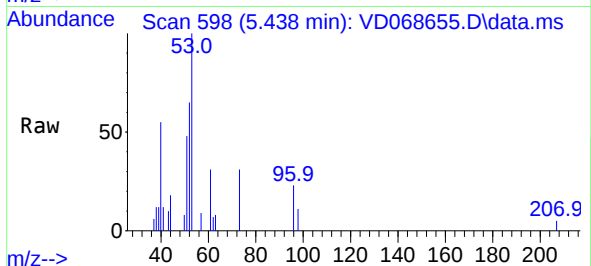




#15
Acrylonitrile
Concen: 21.91 ug/l
RT: 5.438 min Scan# 598
Delta R.T. 0.012 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

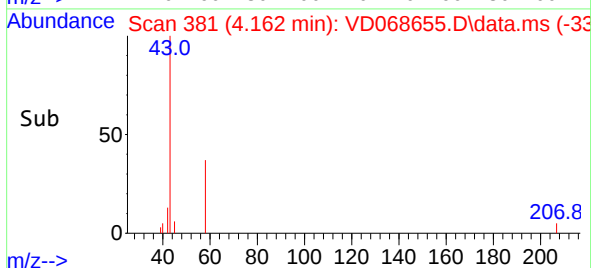
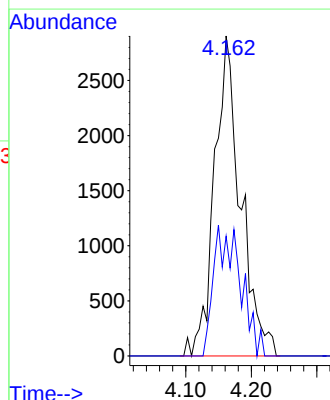
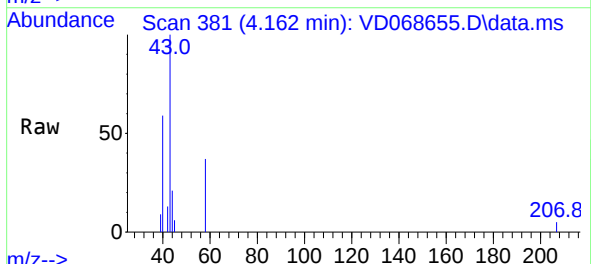
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

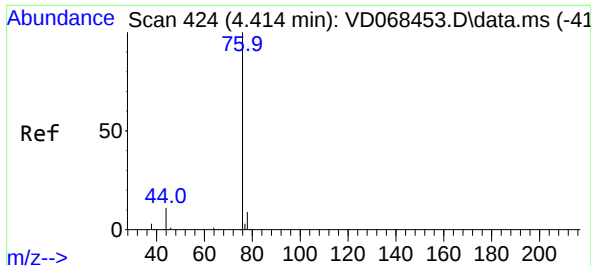
Tgt Ion: 53	Resp: 10247
Ion Ratio	Lower Upper
53	100
52	0.0 66.2 99.2#
51	20.1 29.0 43.4#



#16
Acetone
Concen: 22.58 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 43	Resp: 8028
Ion Ratio	Lower Upper
43	100
58	37.4 24.2 36.4#

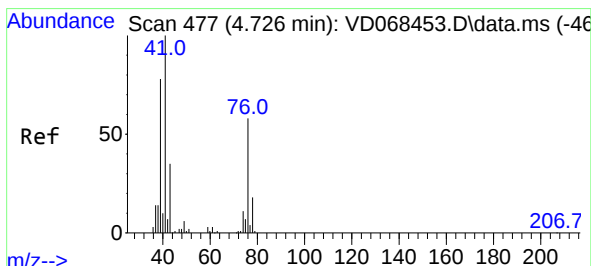
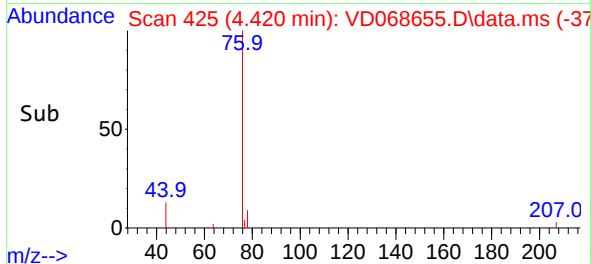
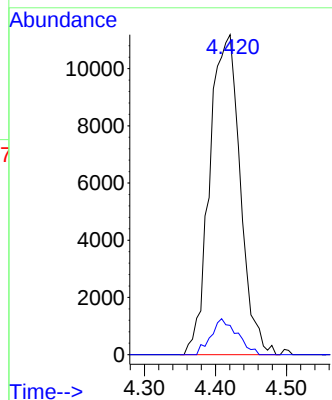
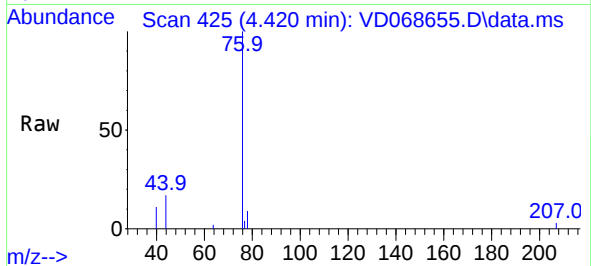




#17
Carbon Disulfide
Concen: 4.52 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

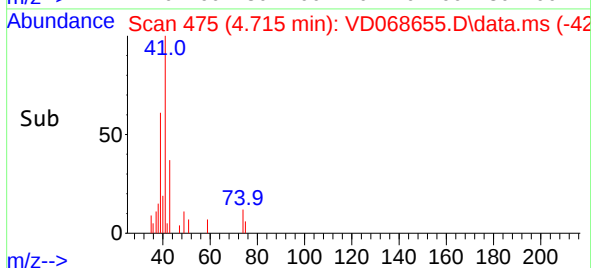
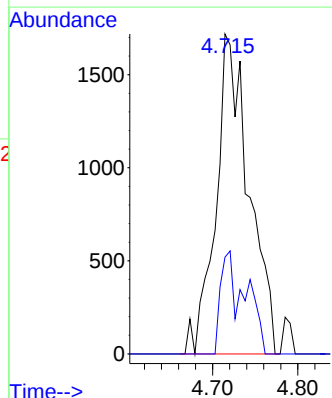
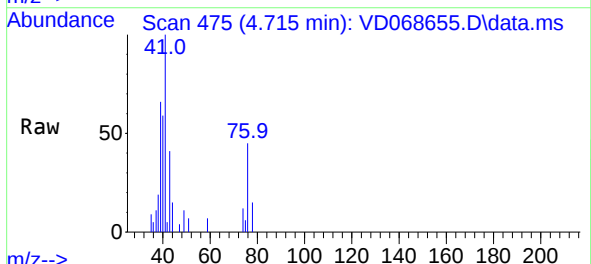
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

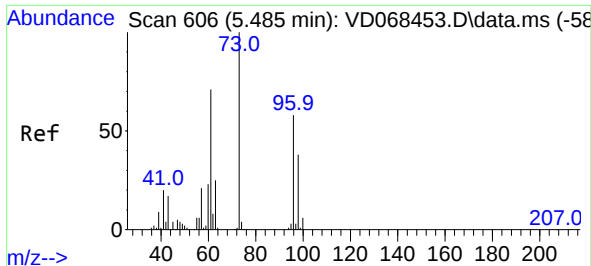
Tgt Ion: 76 Resp: 33318
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 5.05 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 43 Resp: 4627
Ion Ratio Lower Upper
43 100
74 17.2 25.4 38.0#



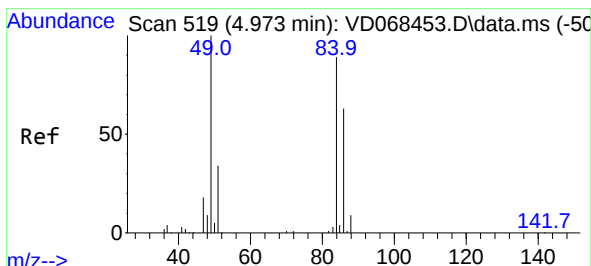
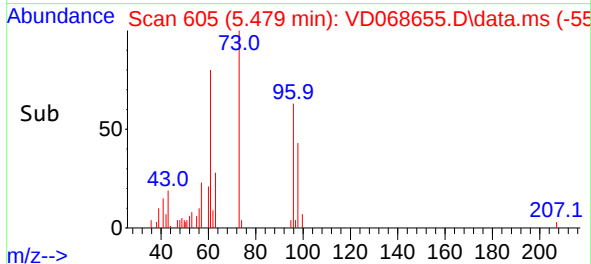
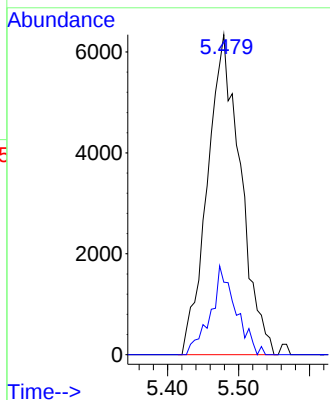
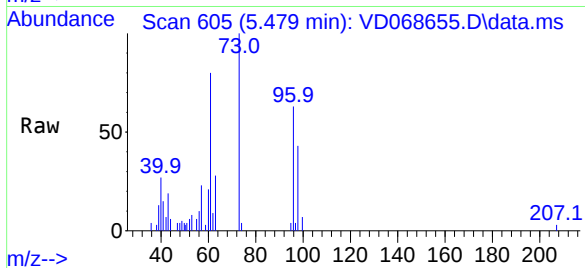


#19

Methyl tert-butyl Ether
Concen: 4.21 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

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

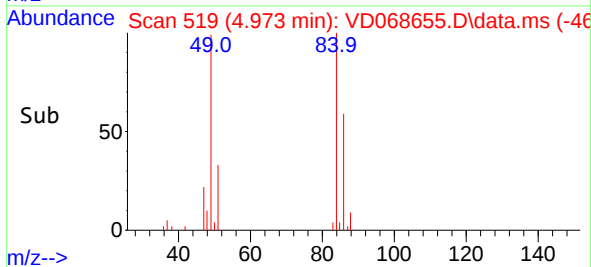
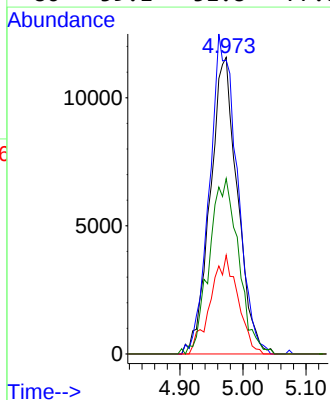
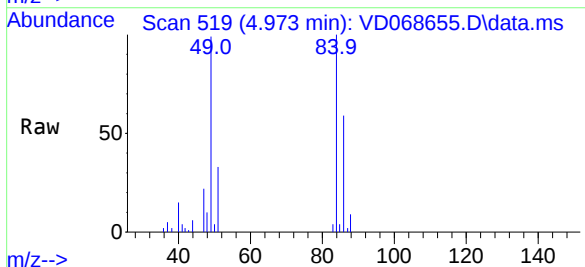
Tgt Ion: 73 Resp: 20557
Ion Ratio Lower Upper
73 100
57 22.7 14.4 21.6#

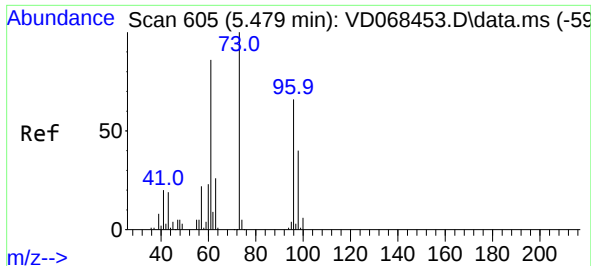


#20

Methylene Chloride
Concen: 11.53 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 84 Resp: 34800
Ion Ratio Lower Upper
84 100
49 99.0 77.4 116.2
51 33.3 26.1 39.1
86 59.1 51.8 77.8

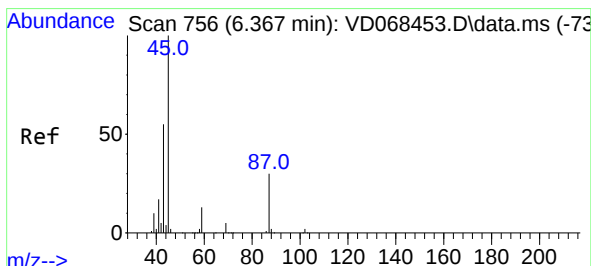
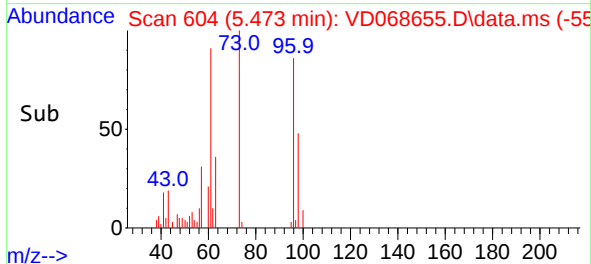
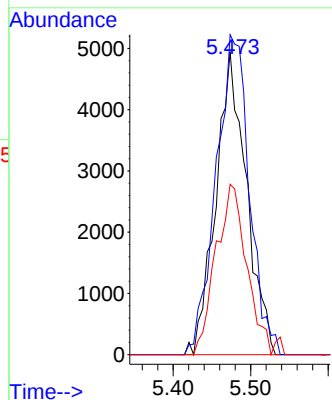
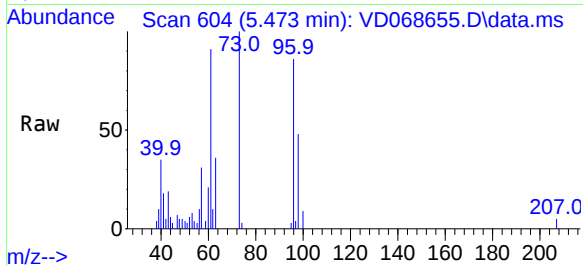




#21
trans-1,2-Dichloroethene
Concen: 5.05 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

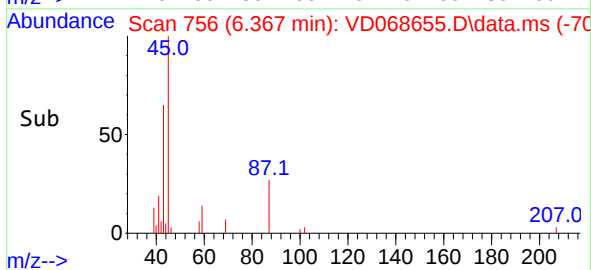
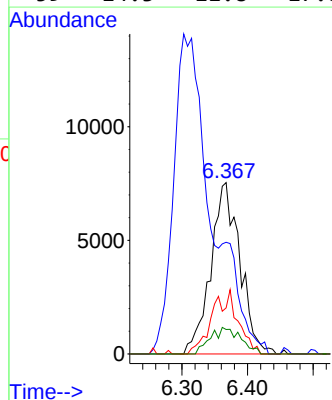
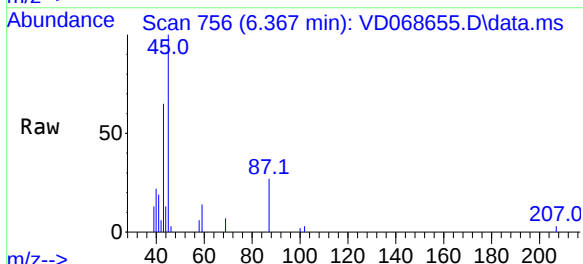
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

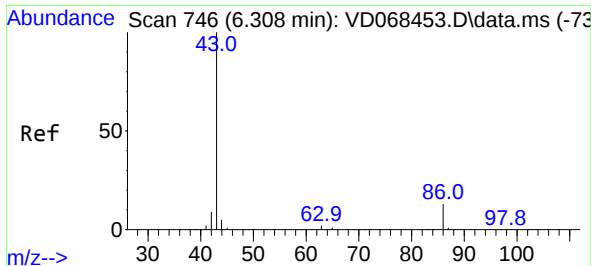
Tgt Ion:	96	Resp:	13576
Ion	Ratio	Lower	Upper
96	100		
61	105.6	96.7	145.1
98	56.2	47.6	71.4



#22
Diisopropyl ether
Concen: 3.64 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	45	Resp:	23293
Ion	Ratio	Lower	Upper
45	100		
43	65.2	43.9	65.9
87	26.9	29.9	44.9#
59	14.3	11.8	17.8

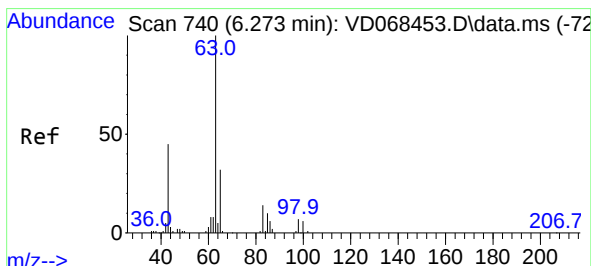
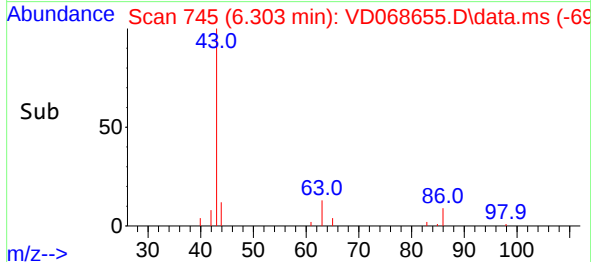
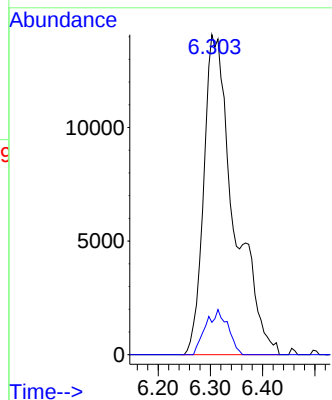
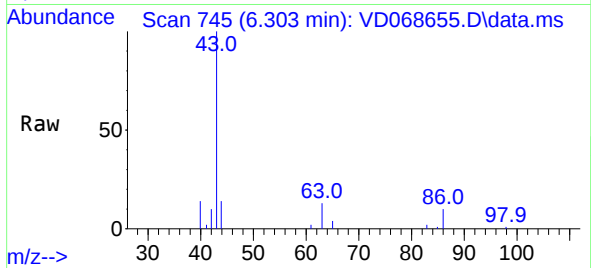




#23
 Vinyl Acetate
 Concen: 17.06 ug/l m
 RT: 6.303 min Scan# 745
 Delta R.T. -0.005 min
 Lab File: VD068655.D
 Acq: 18 Mar 2021 15:38

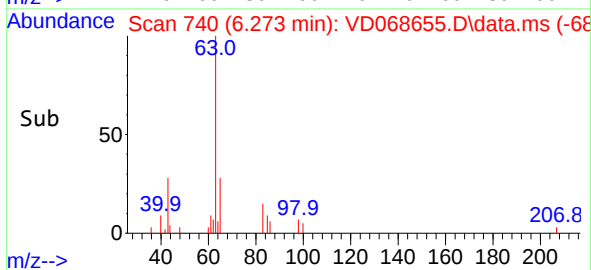
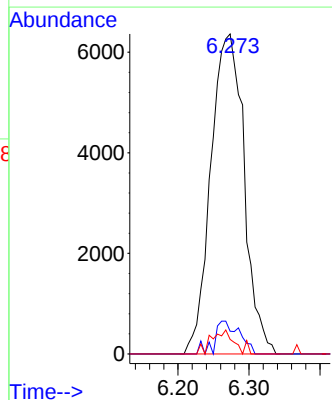
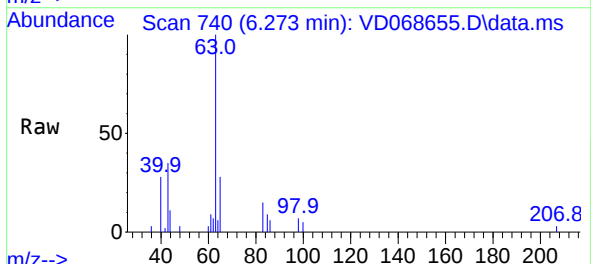
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

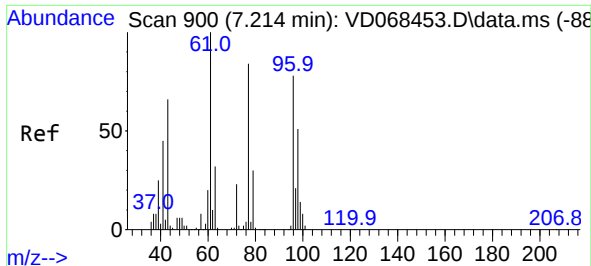
Tgt Ion: 43 Resp: 56631
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.8 16.2#



#24
 1,1-Dichloroethane
 Concen: 4.72 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD068655.D
 Acq: 18 Mar 2021 15:38

Tgt Ion: 63 Resp: 20695
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.5 2.6 8.0

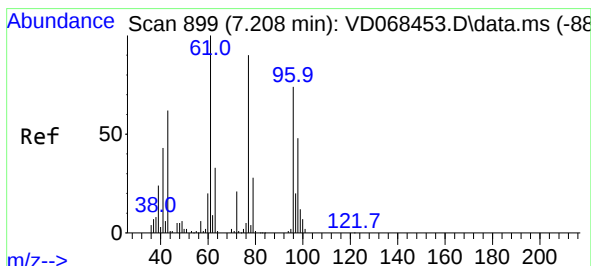
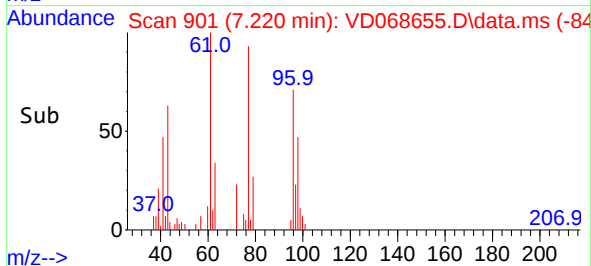
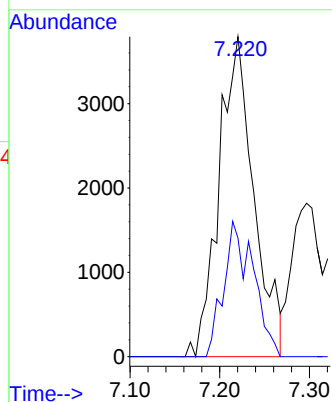
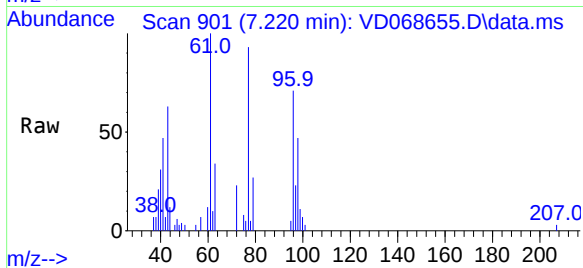




#25
2-Butanone
Concen: 20.01 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

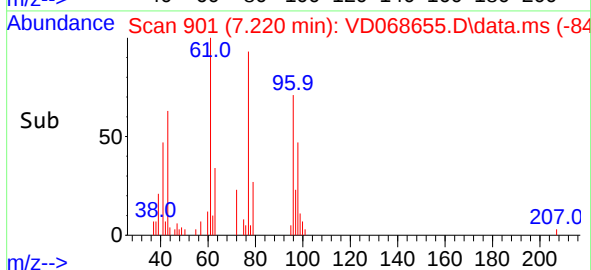
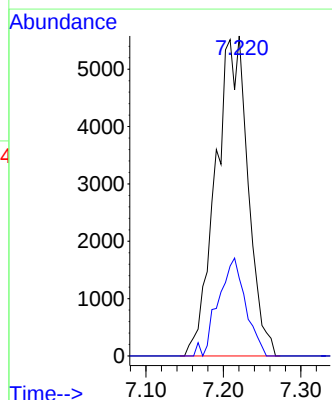
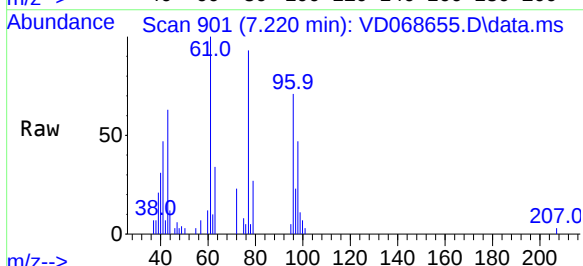
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

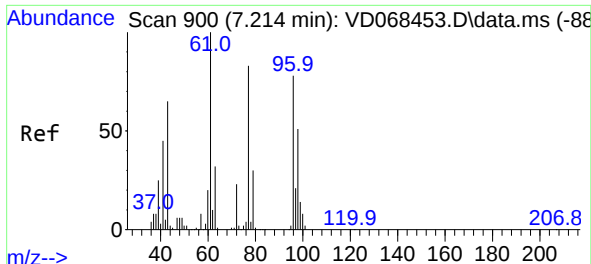
Tgt Ion: 43 Resp: 10228
Ion Ratio Lower Upper
43 100
72 37.0 25.1 37.7



#26
2,2-Dichloropropane
Concen: 4.45 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 77 Resp: 16237
Ion Ratio Lower Upper
77 100
97 25.7 11.7 35.1

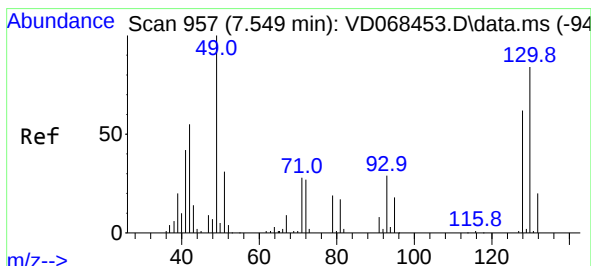
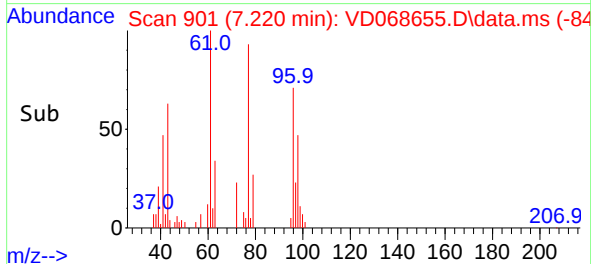
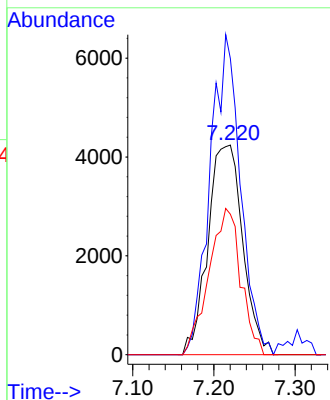
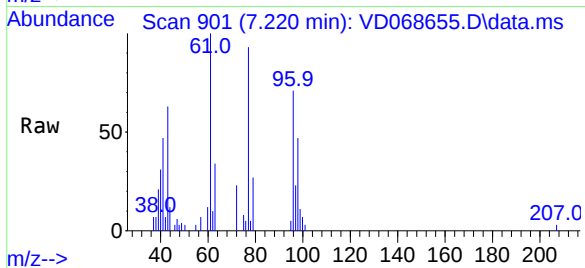




#27
cis-1,2-Dichloroethene
Concen: 4.29 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

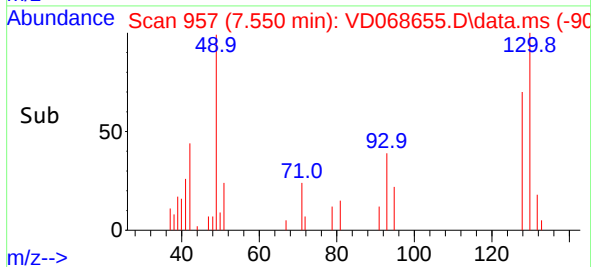
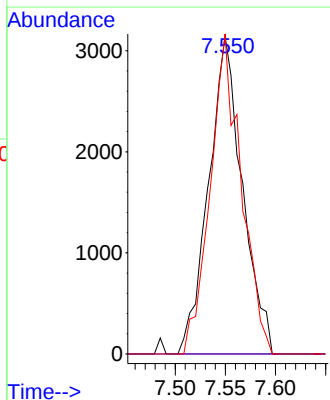
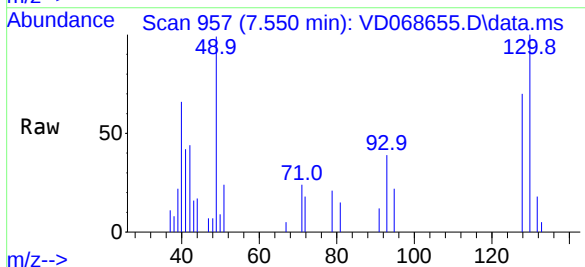
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

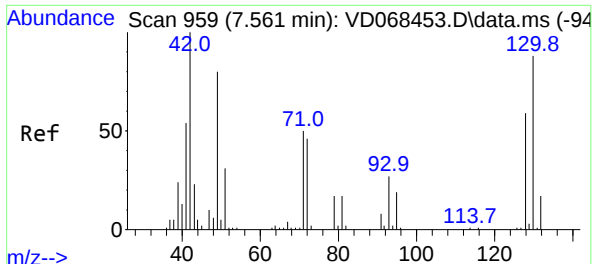
Tgt Ion: 96 Resp: 12663
Ion Ratio Lower Upper
96 100
61 133.2 0.0 257.4
98 63.9 0.0 126.6



#28
Bromochloromethane
Concen: 4.30 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 49 Resp: 7355
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 92.4 85.5 128.3





#29

Tetrahydrofuran

Concen: 19.39 ug/l

RT: 7.561 min Scan# 959

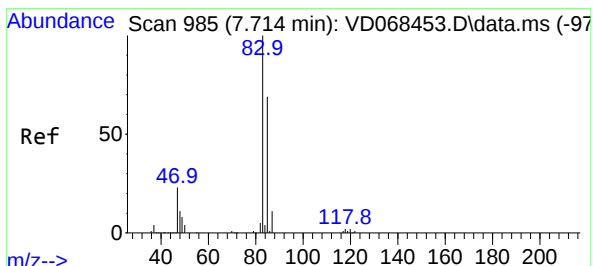
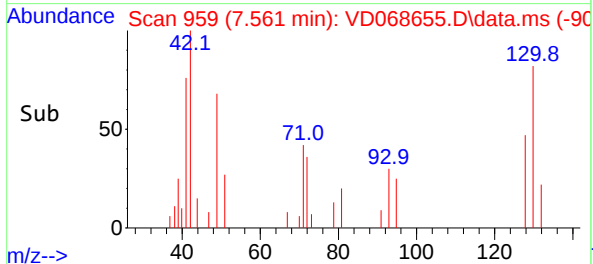
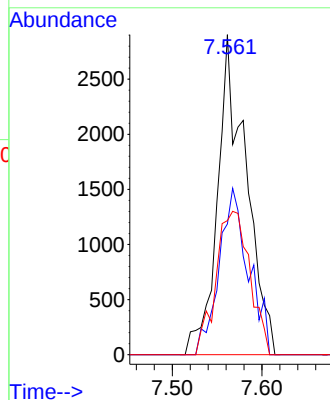
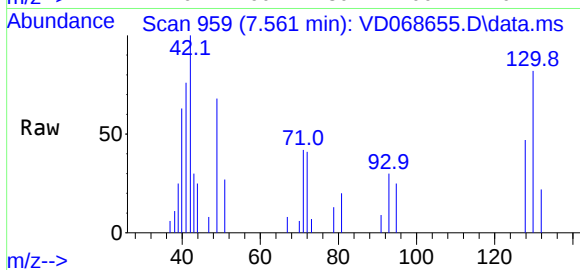
Delta R.T. 0.000 min

Lab File: VD068655.D

Acq: 18 Mar 2021 15:38

Tgt Ion: 42 Resp: 6434

Ion	Ratio	Lower	Upper
42	100		
72	53.3	43.4	65.0
71	52.9	40.8	61.2



#30

Chloroform

Concen: 4.78 ug/l

RT: 7.714 min Scan# 985

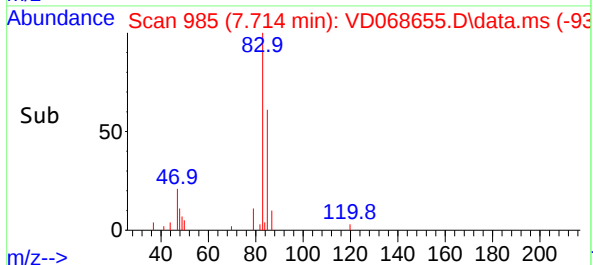
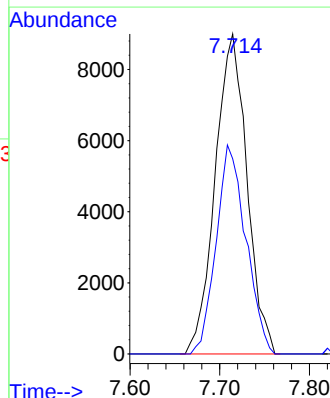
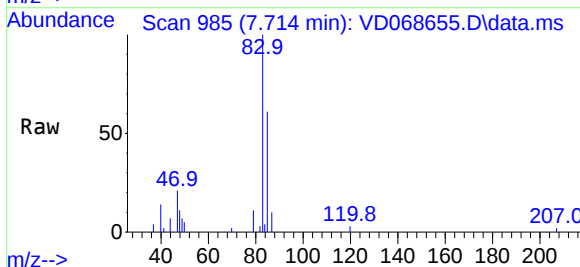
Delta R.T. 0.000 min

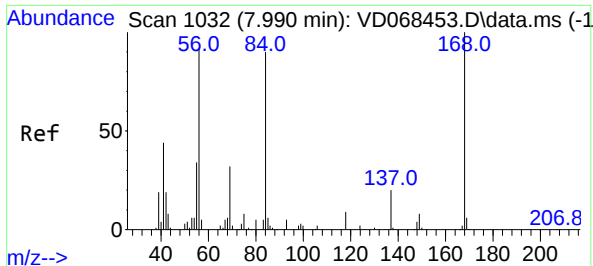
Lab File: VD068655.D

Acq: 18 Mar 2021 15:38

Tgt Ion: 83 Resp: 22117

Ion	Ratio	Lower	Upper
83	100		
85	61.0	53.4	80.0

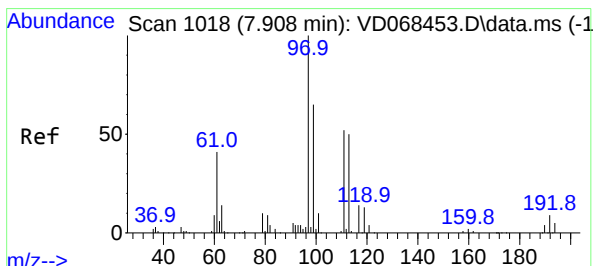
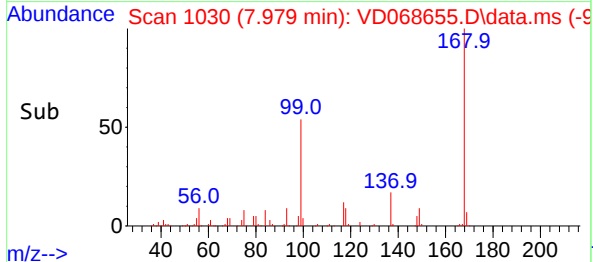
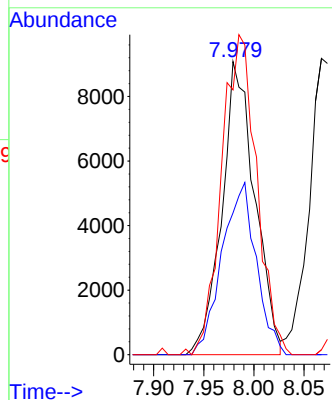
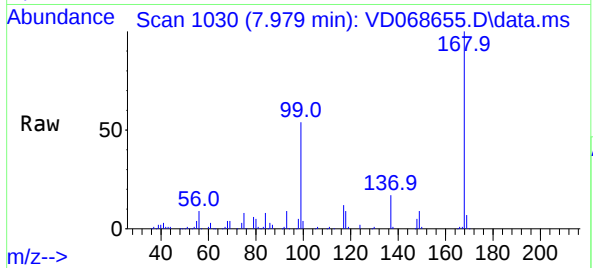




#31
Cyclohexane
Concen: 5.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

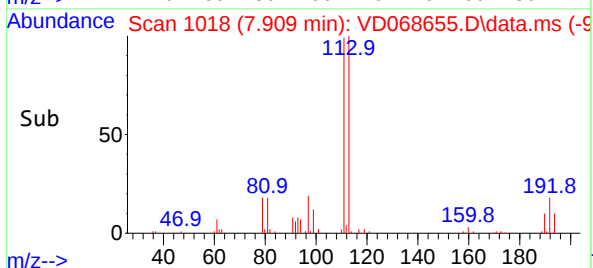
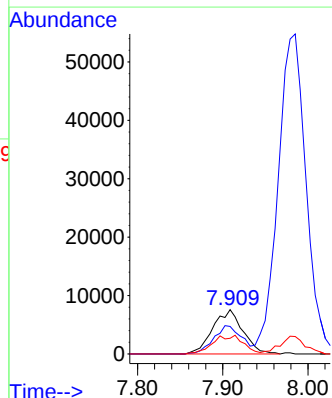
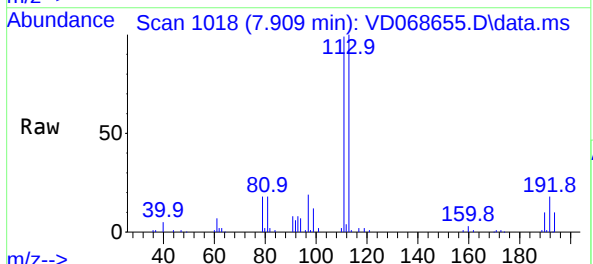
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

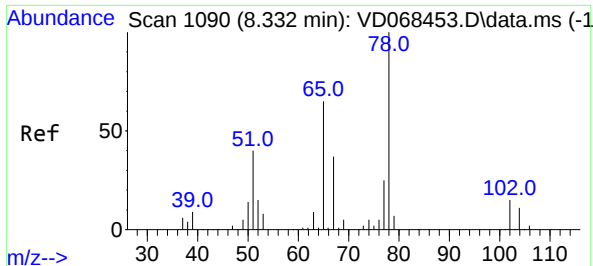
Tgt Ion: 56 Resp: 20768
Ion Ratio Lower Upper
56 100
69 48.3 30.1 45.1#
84 90.4 82.1 123.1



#32
1,1,1-Trichloroethane
Concen: 4.70 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 97 Resp: 18560
Ion Ratio Lower Upper
97 100
99 58.8 52.1 78.1
61 42.7 30.1 45.1

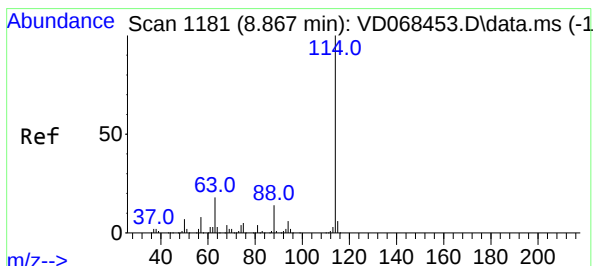
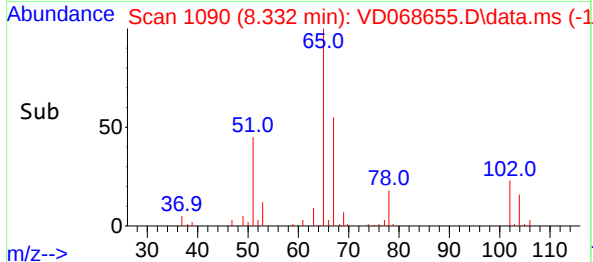
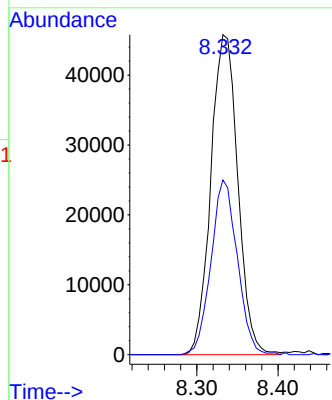
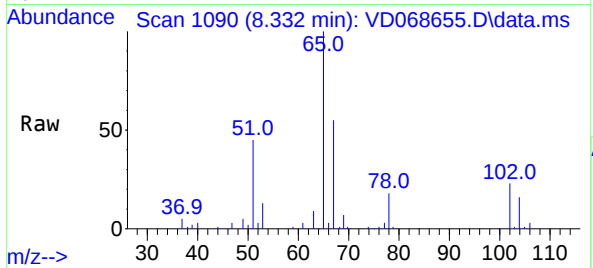




#33
1,2-Dichloroethane-d4
Concen: 47.25 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

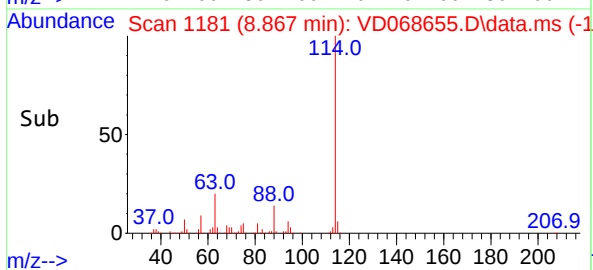
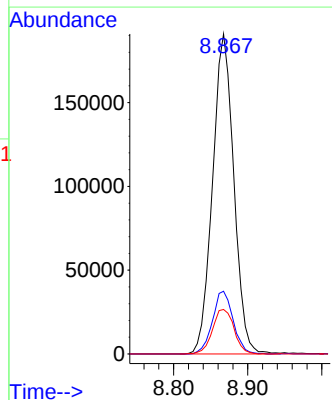
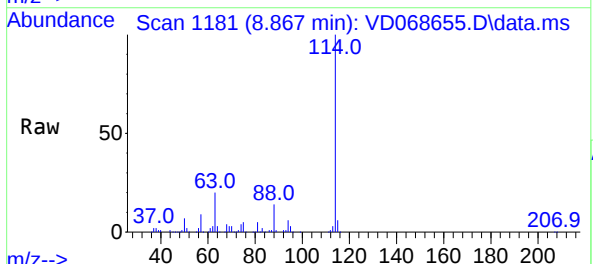
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

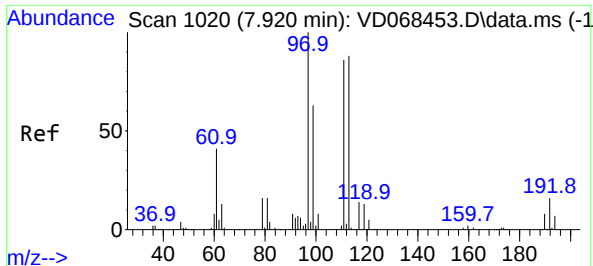
Tgt Ion: 65 Resp: 105759
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 114 Resp: 380366
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 13.9 0.0 31.6

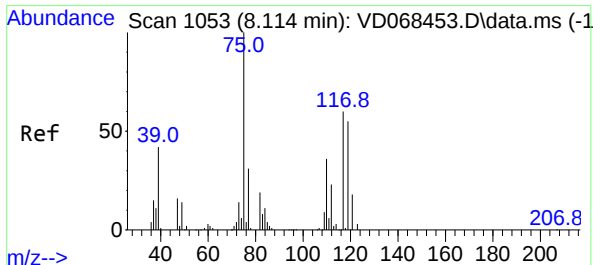
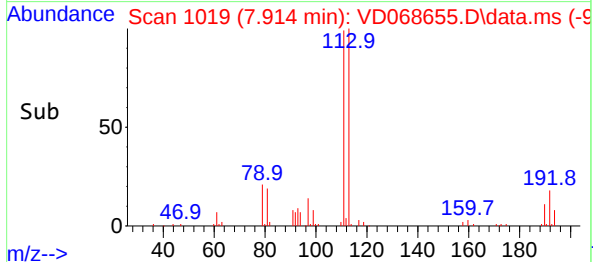
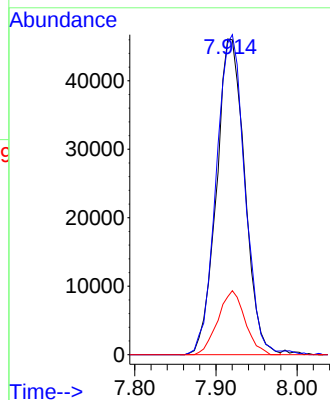
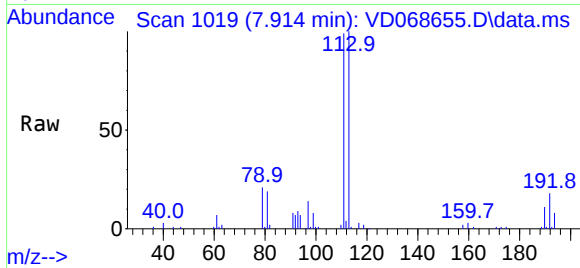




#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

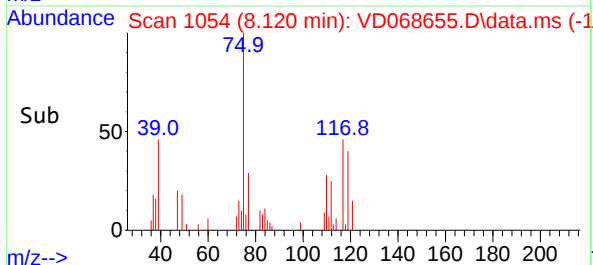
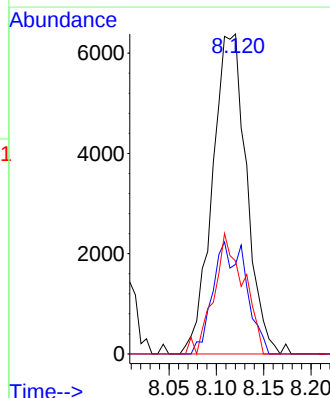
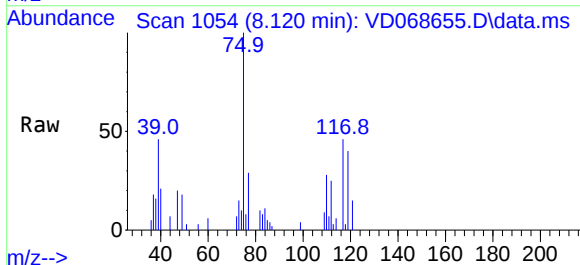
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

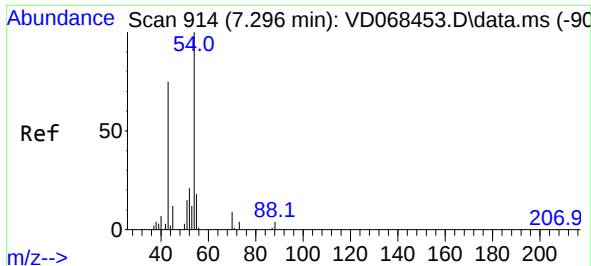
Tgt Ion:113 Resp: 111414
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 19.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 8.120 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 75 Resp: 15964
Ion Ratio Lower Upper
75 100
110 34.2 19.4 58.2
77 33.2 25.3 37.9





#37

Ethyl Acetate

Concen: 3.97 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

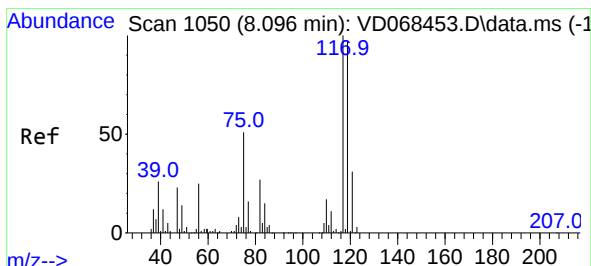
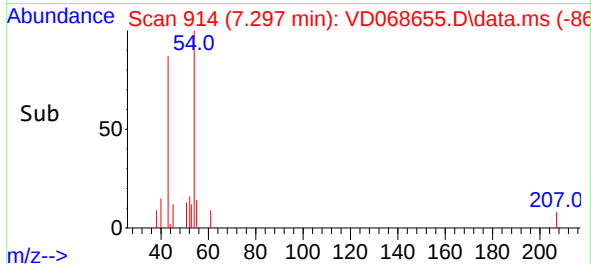
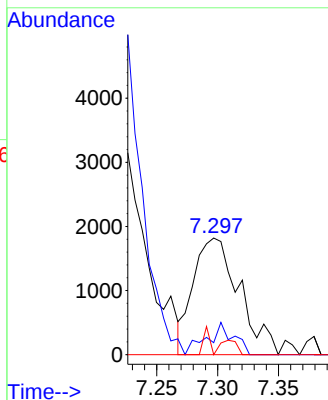
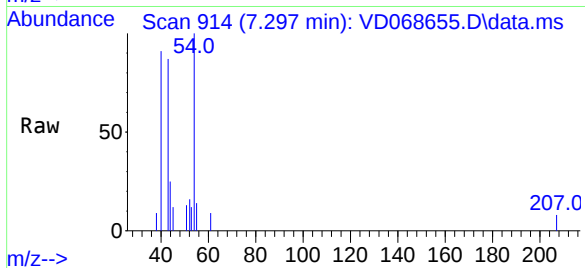
Lab File: VD068655.D

Acq: 18 Mar 2021 15:38

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

Tgt Ion: 43 Resp: 4768

Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.9	19.3
70	3.2	11.0	16.6#



#38

Carbon Tetrachloride

Concen: 4.50 ug/l

RT: 8.103 min Scan# 1051

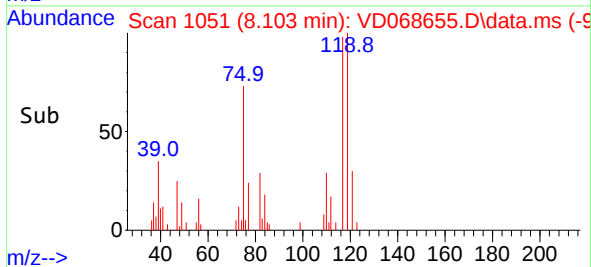
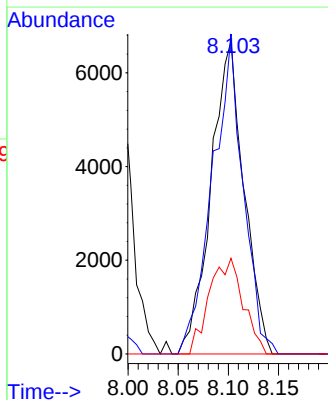
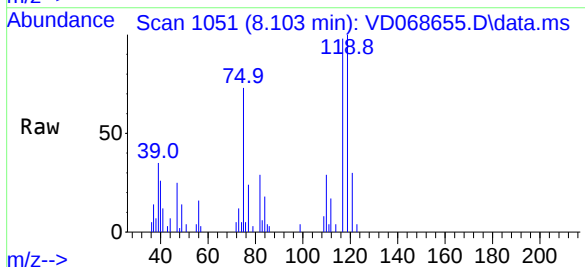
Delta R.T. 0.006 min

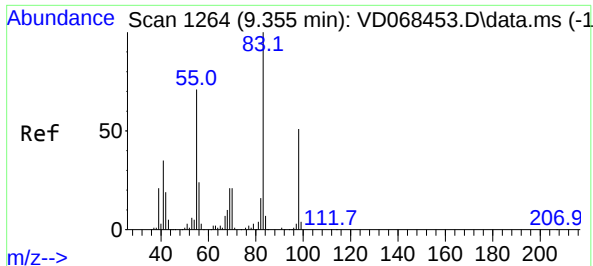
Lab File: VD068655.D

Acq: 18 Mar 2021 15:38

Tgt Ion: 117 Resp: 15300

Ion	Ratio	Lower	Upper
117	100		
119	102.3	77.3	115.9
121	30.6	24.7	37.1





#39

Methylcyclohexane

Concen: 4.18 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068655.D

Acq: 18 Mar 2021 15:38

Instrument :

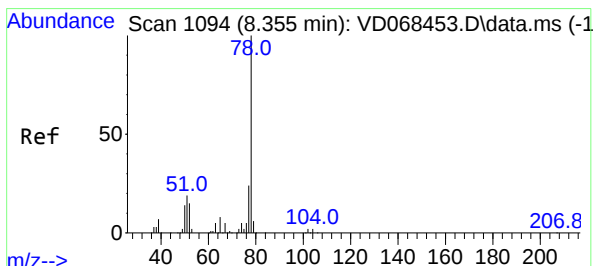
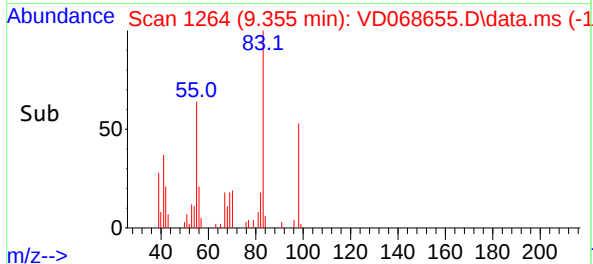
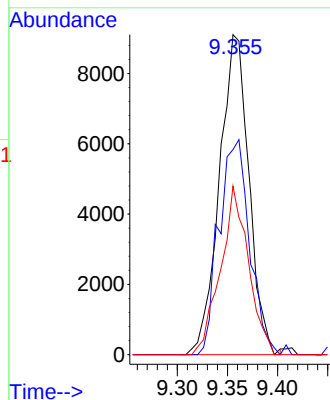
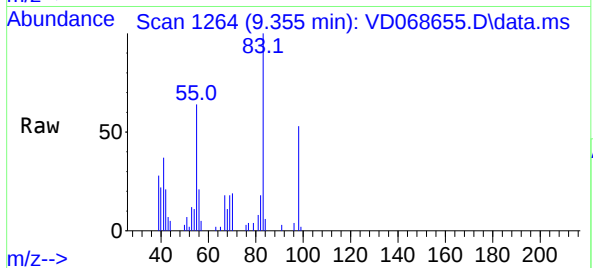
MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021

Tgt Ion: 83 Resp: 18617

Ion	Ratio	Lower	Upper
83	100		
55	64.1	55.2	82.8
98	52.7	39.1	58.7



#40

Benzene

Concen: 4.39 ug/l

RT: 8.356 min Scan# 1094

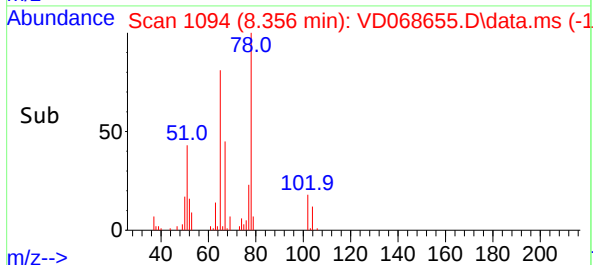
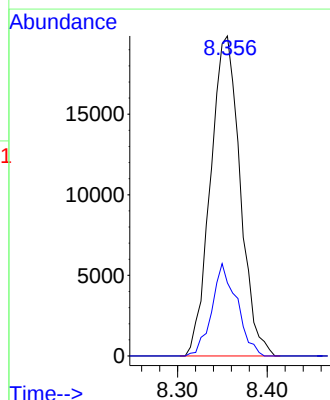
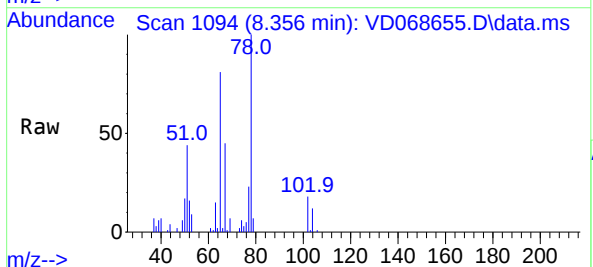
Delta R.T. 0.000 min

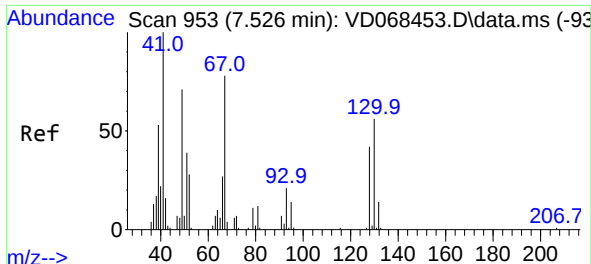
Lab File: VD068655.D

Acq: 18 Mar 2021 15:38

Tgt Ion: 78 Resp: 45490

Ion	Ratio	Lower	Upper
78	100		
77	22.9	17.8	26.6

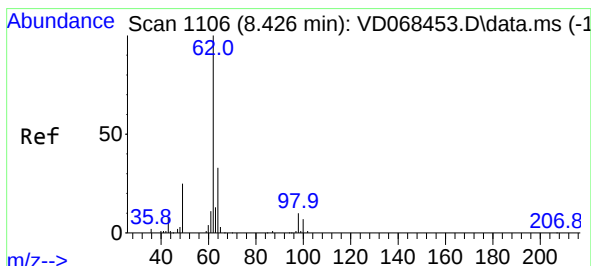
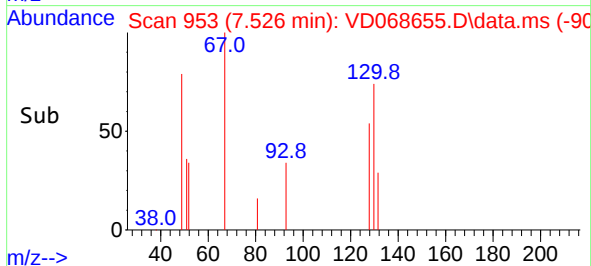
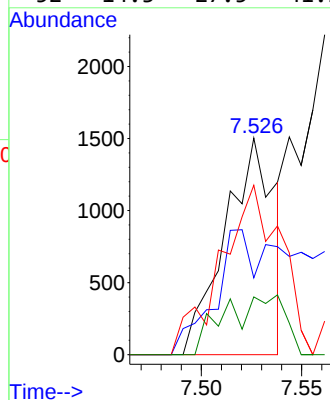
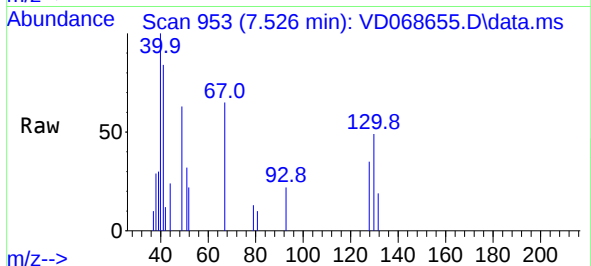




#41
Methacrylonitrile
Concen: 3.70 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

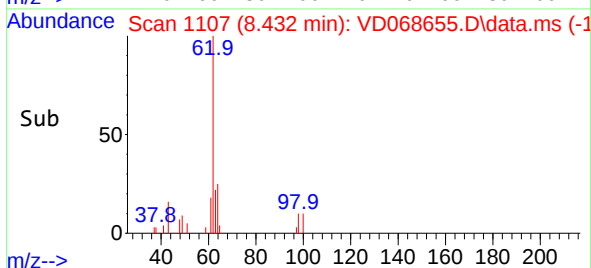
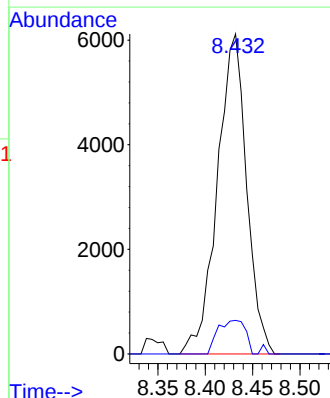
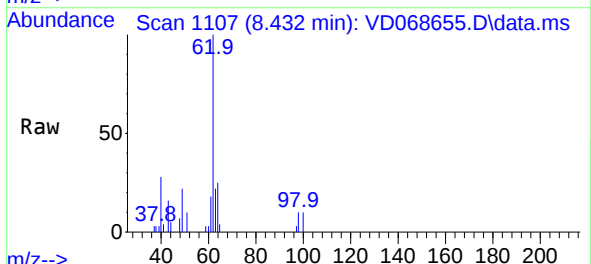
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

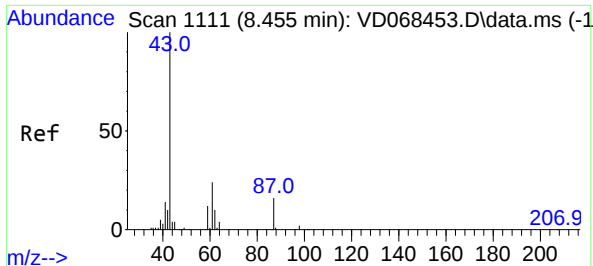
Tgt Ion:	41	Resp:	2574
Ion	Ratio	Lower	Upper
41	100		
39	45.1	45.2	67.8#
67	94.7	67.4	101.2
52	14.3	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 4.82 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	62	Resp:	13140
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.8

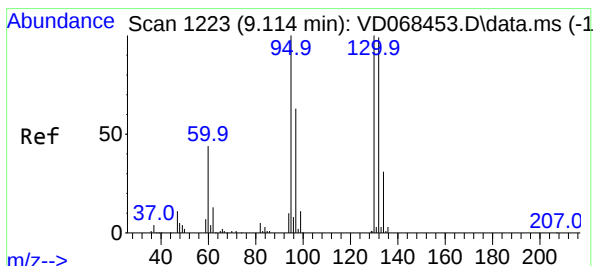
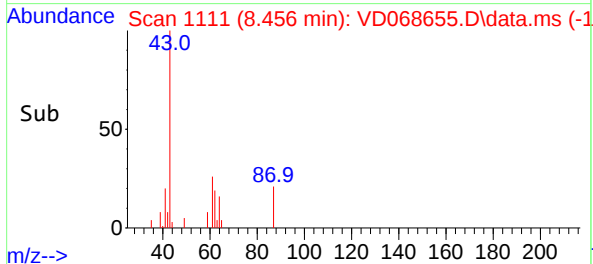
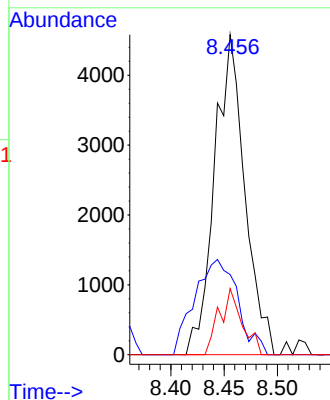
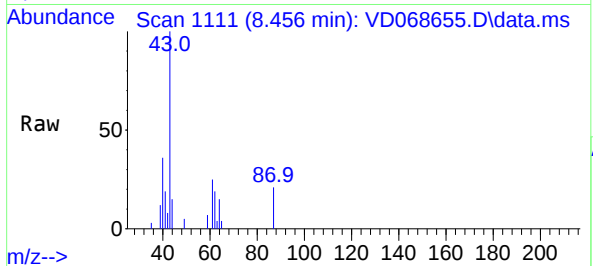




#43
Isopropyl Acetate
Concen: 4.11 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

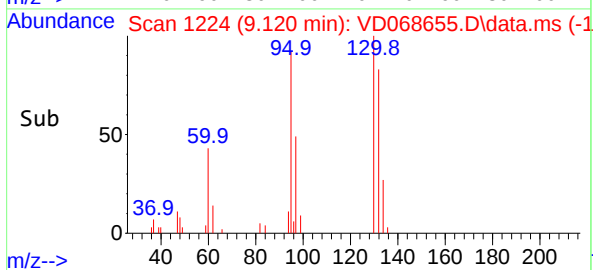
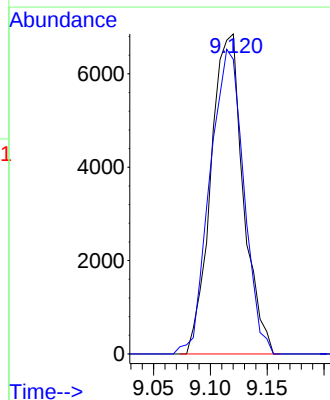
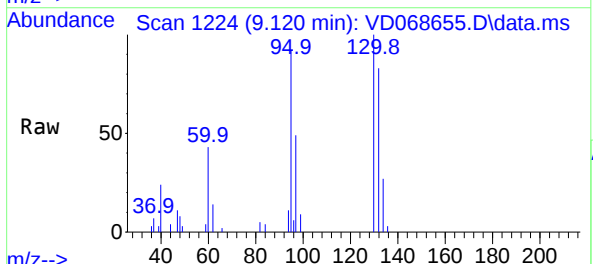
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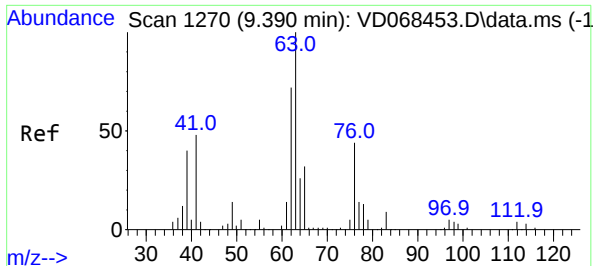
Tgt Ion:	43	Resp:	9068
Ion	Ratio	Lower	Upper
43	100		
61	42.3	28.7	43.1
87	15.5	13.9	20.9



#44
Trichloroethene
Concen: 4.79 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	130	Resp:	13626
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	191.2

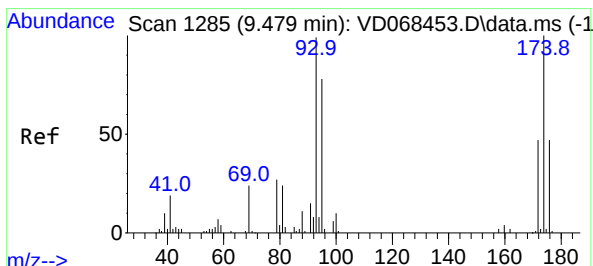
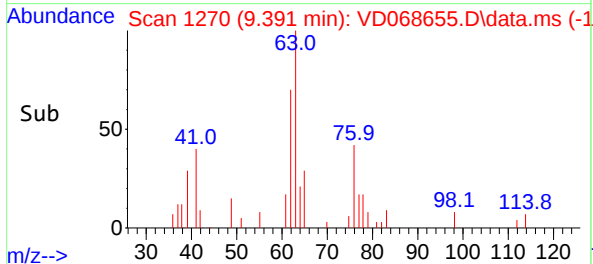
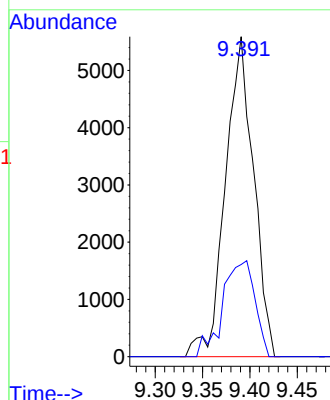
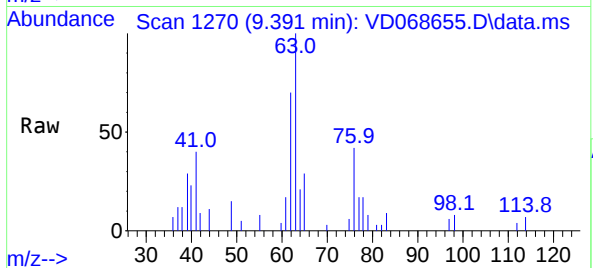




#45
1,2-Dichloropropane
Concen: 4.67 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

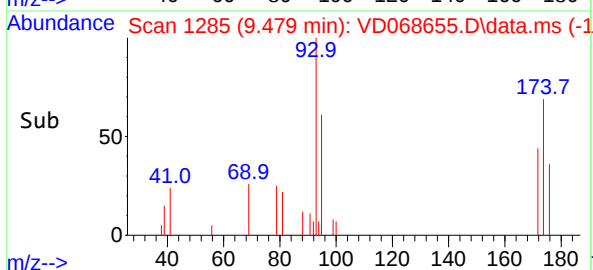
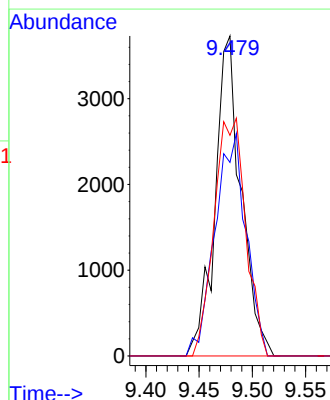
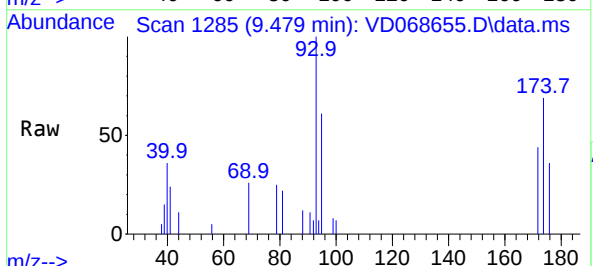
Instrument :
MSVOA_D
ClientSampleId :
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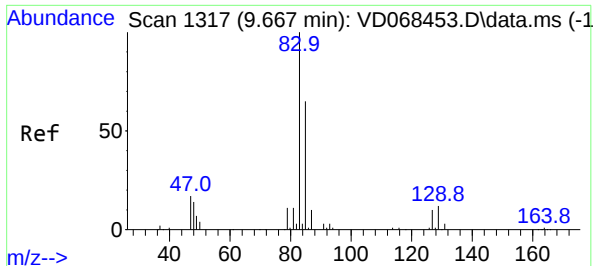
Tgt Ion: 63 Resp: 11571
Ion Ratio Lower Upper
63 100
65 28.8 26.6 40.0



#46
Dibromomethane
Concen: 4.73 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 93 Resp: 6377
Ion Ratio Lower Upper
93 100
95 82.9 67.3 100.9
174 89.5 84.6 127.0

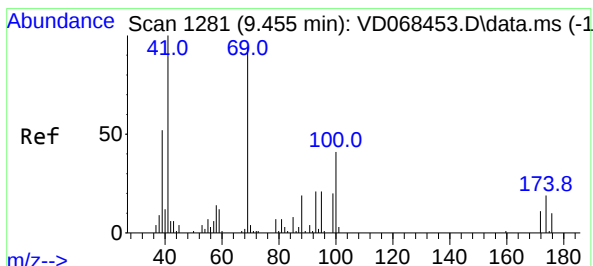
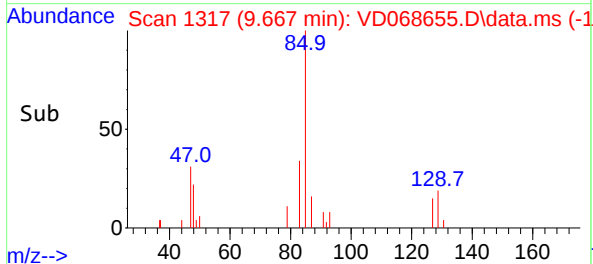
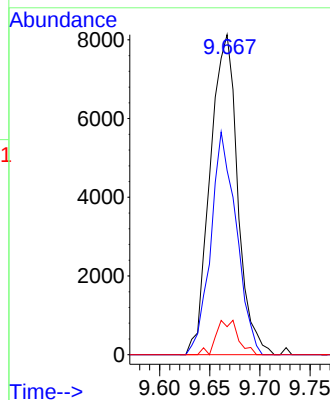
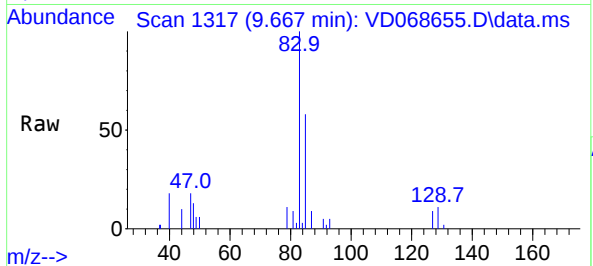




#47
Bromodichloromethane
Concen: 4.44 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

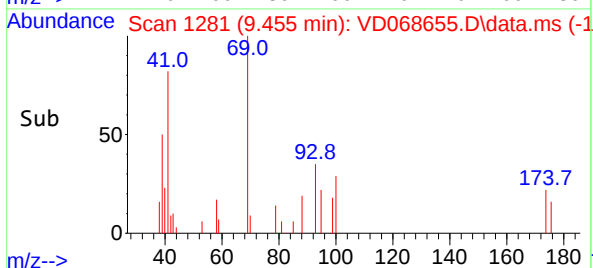
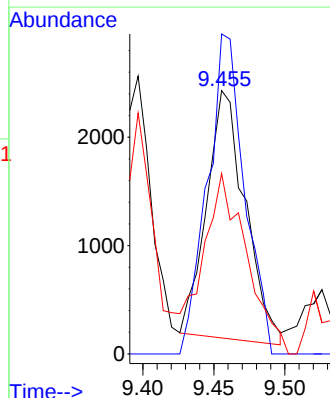
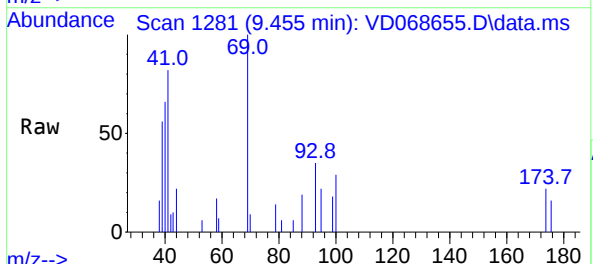
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

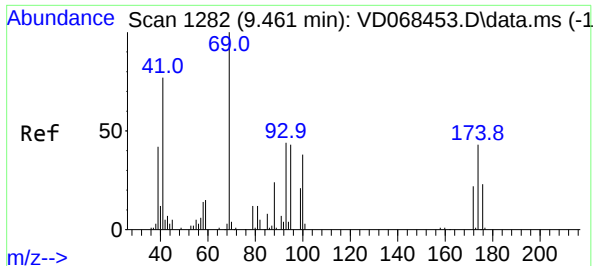
Tgt Ion:	83	Resp:	15500
Ion	Ratio	Lower	Upper
83	100		
85	57.6	51.6	77.4
127	8.7	7.4	11.0



#48
Methyl methacrylate
Concen: 3.69 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	41	Resp:	4331
Ion	Ratio	Lower	Upper
41	100		
69	123.4	77.1	115.7#
39	81.7	41.5	62.3#

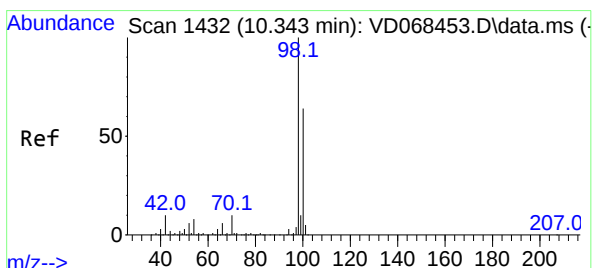
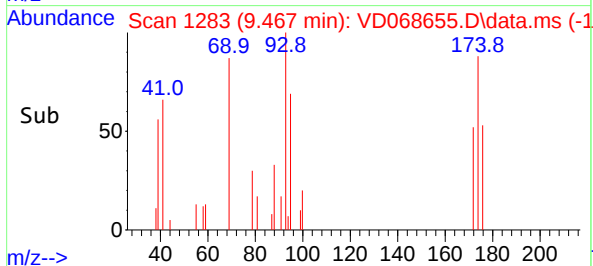
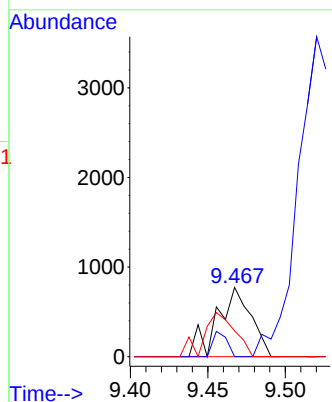
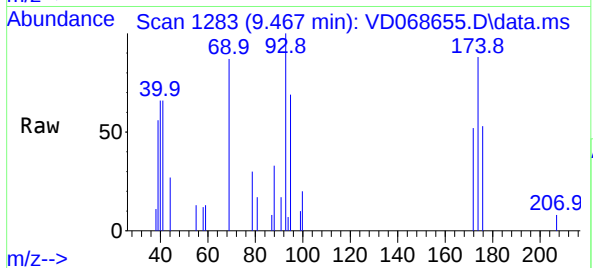




#49
1,4-Dioxane
Concen: 76.32 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

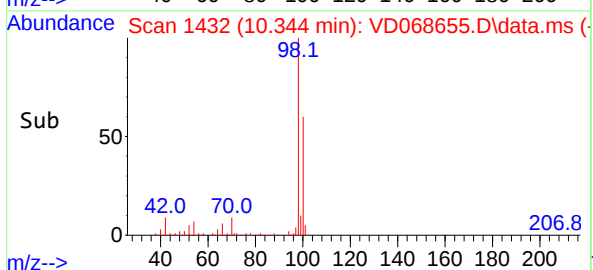
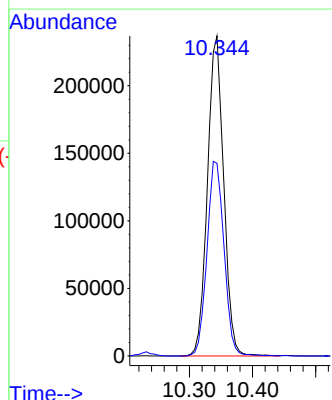
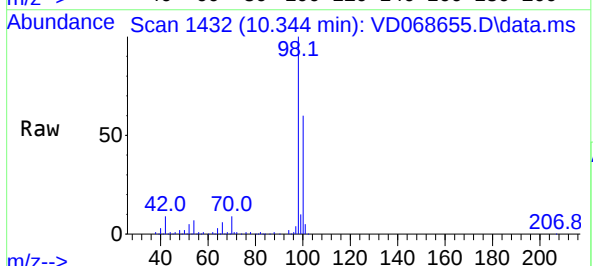
Instrument :
MSVOA_D
ClientSampleId :
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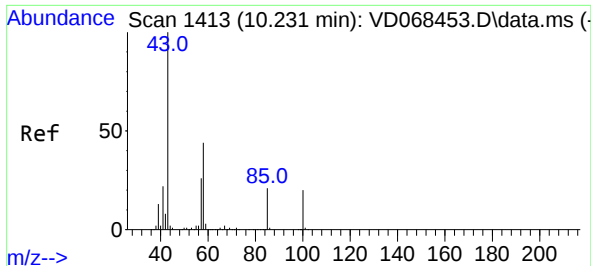
Tgt Ion: 88 Resp: 1174
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 58.1 46.7 70.1



#50
Toluene-d8
Concen: 46.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 98 Resp: 424149
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.4

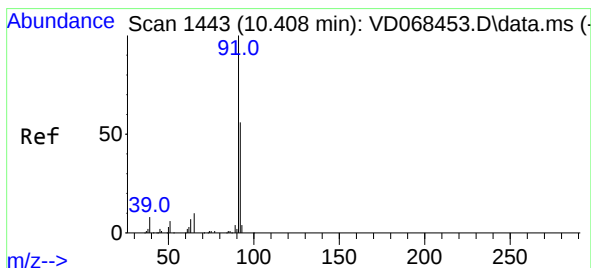
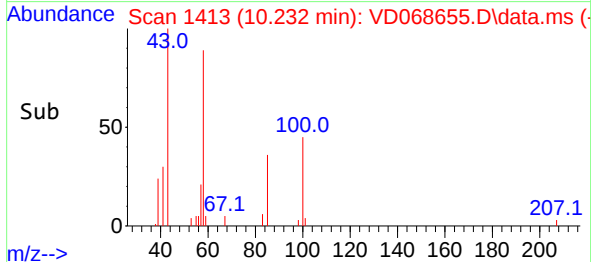
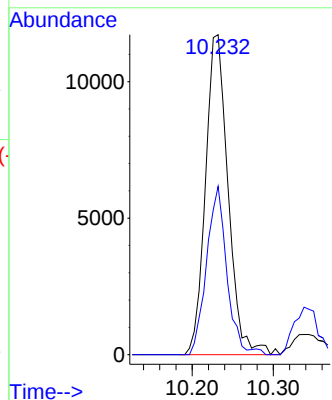
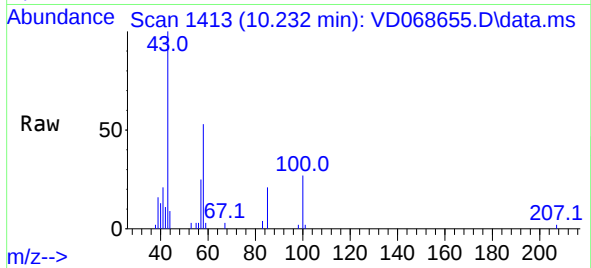




#51
4-Methyl-2-Pentanone
Concen: 19.68 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

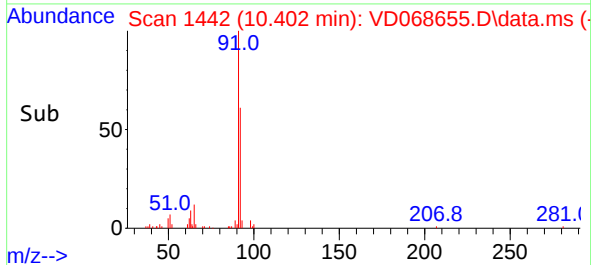
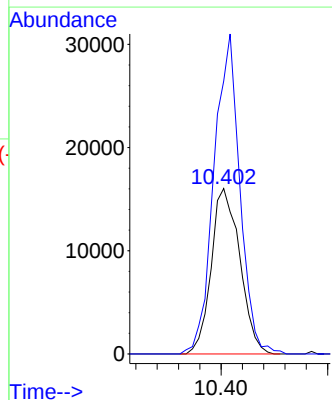
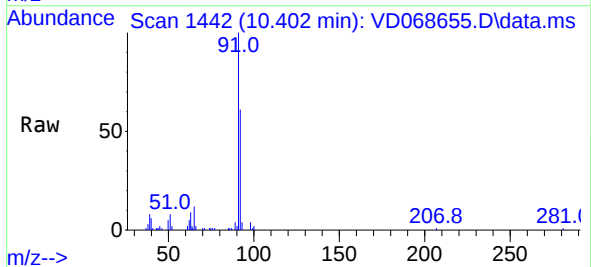
Instrument :
MSVOA_D
ClientSampleId :
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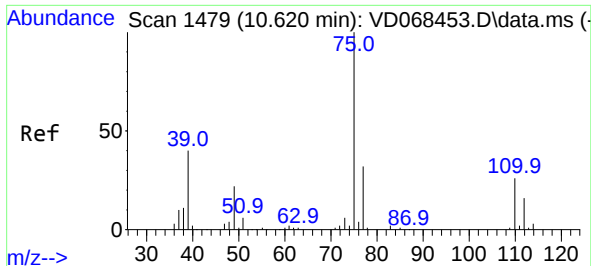
Tgt Ion: 43 Resp: 22705
Ion Ratio Lower Upper
43 100
58 47.2 36.1 54.1



#52
Toluene
Concen: 4.51 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 92 Resp: 29851
Ion Ratio Lower Upper
92 100
91 175.3 134.1 201.1

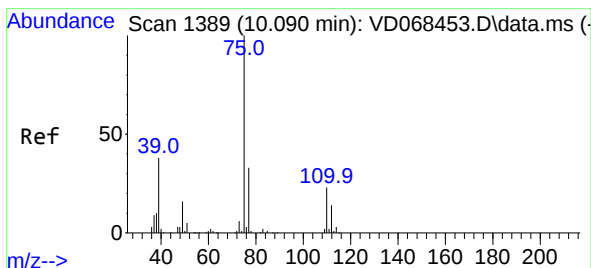
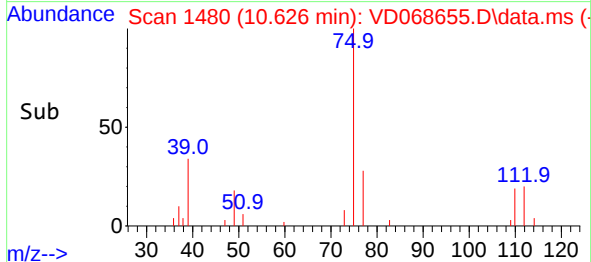
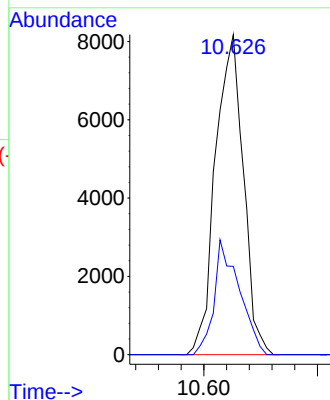
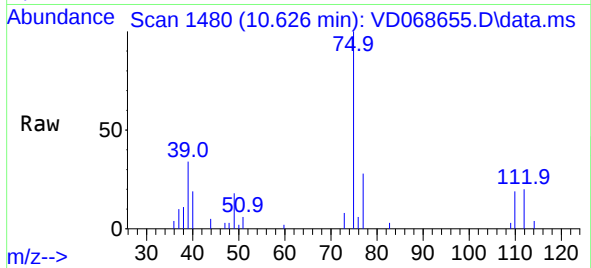




#53
t-1,3-Dichloropropene
Concen: 4.32 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

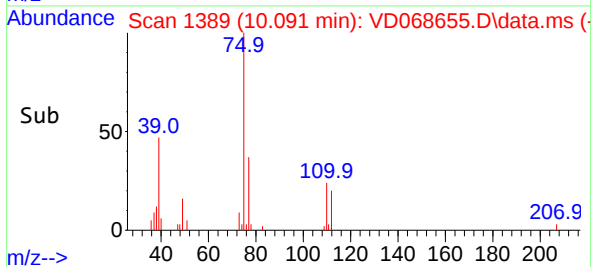
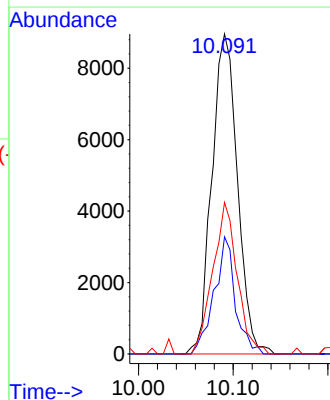
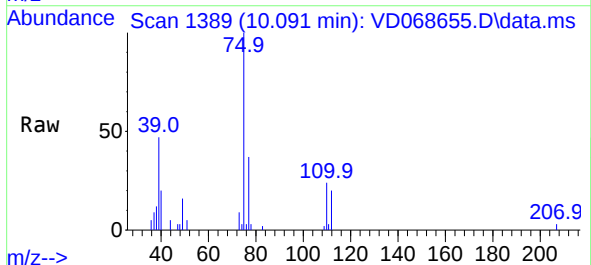
Instrument :
MSVOA_D
ClientSampleId :
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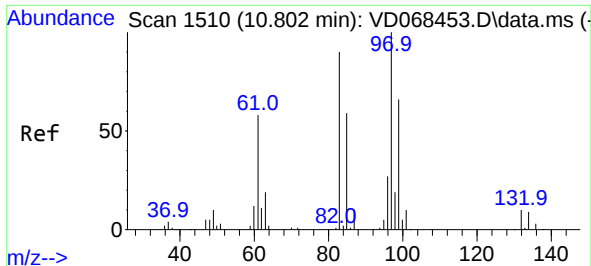
Tgt Ion: 75 Resp: 13935
Ion Ratio Lower Upper
75 100
77 27.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 4.27 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 75 Resp: 16785
Ion Ratio Lower Upper
75 100
77 36.6 24.6 37.0
39 47.3 31.4 47.0#

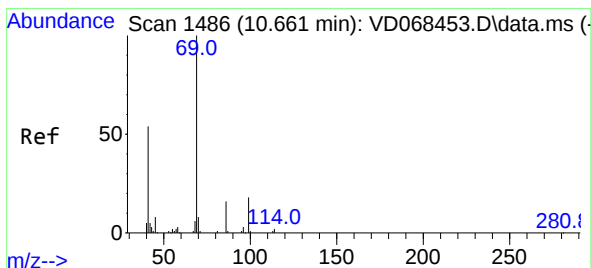
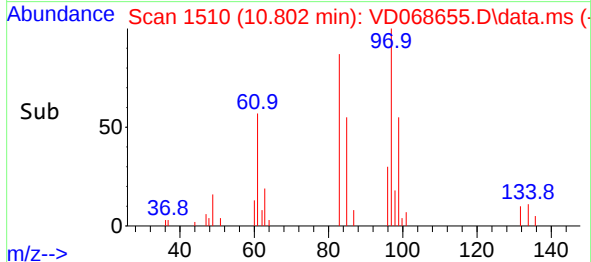
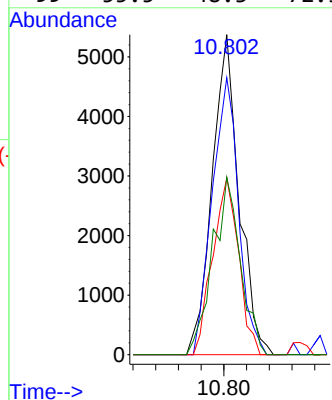
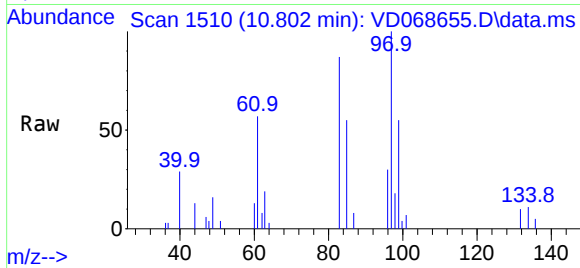




#55
1,1,2-Trichloroethane
Concen: 4.72 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

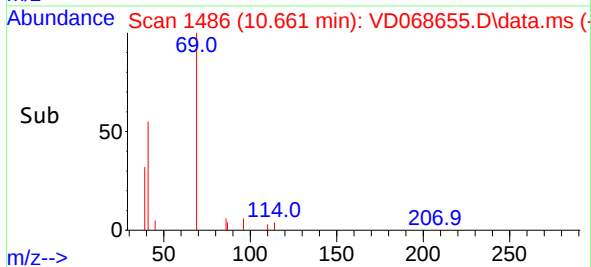
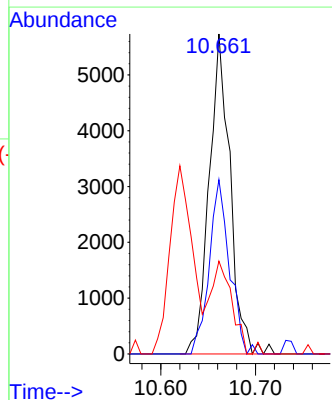
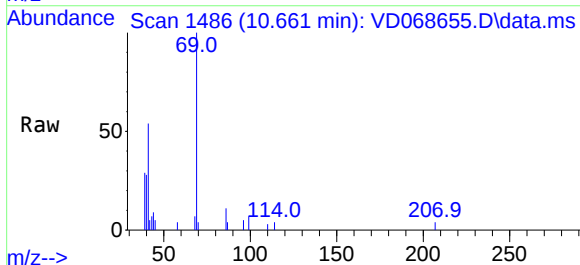
Instrument :
MSVOA_D
ClientSampleId :
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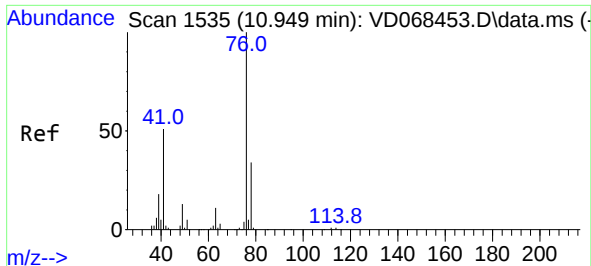
Tgt Ion:	97	Resp:	8811
Ion	Ratio	Lower	Upper
97	100		
83	86.6	61.8	92.6
85	55.2	42.2	63.2
99	55.5	48.3	72.5



#56
Ethyl methacrylate
Concen: 4.09 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	69	Resp:	8769
Ion	Ratio	Lower	Upper
69	100		
41	53.2	44.9	67.3
39	30.0	21.9	32.9

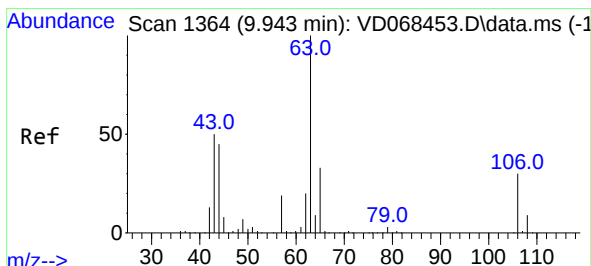
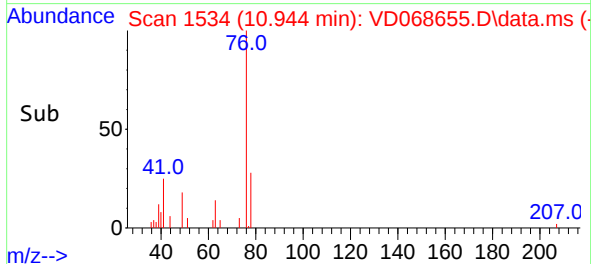
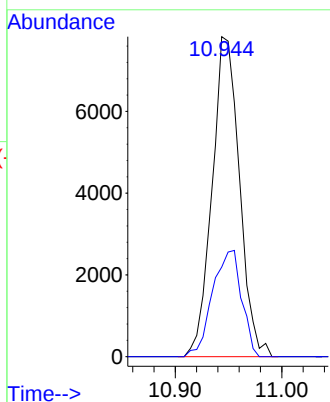
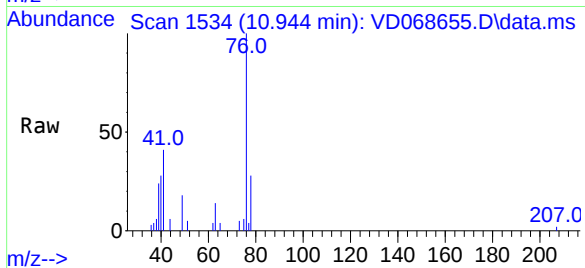




#57
1,3-Dichloropropane
Concen: 4.29 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

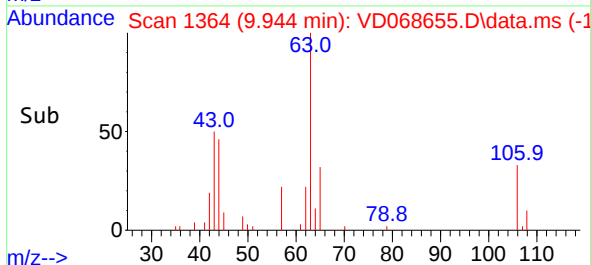
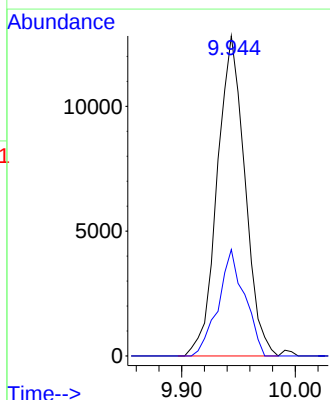
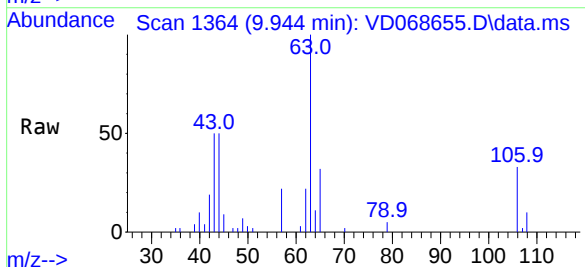
Instrument :
MSVOA_D
ClientSampleId :
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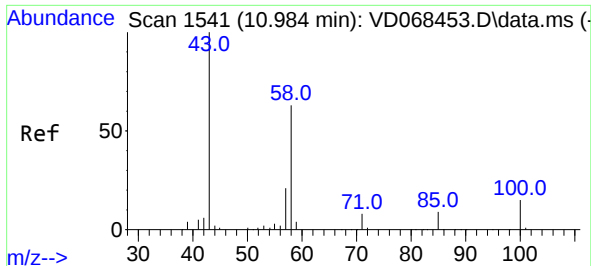
Tgt Ion: 76 Resp: 13970
Ion Ratio Lower Upper
76 100
78 35.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 20.16 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 63 Resp: 21697
Ion Ratio Lower Upper
63 100
106 31.7 27.0 40.4

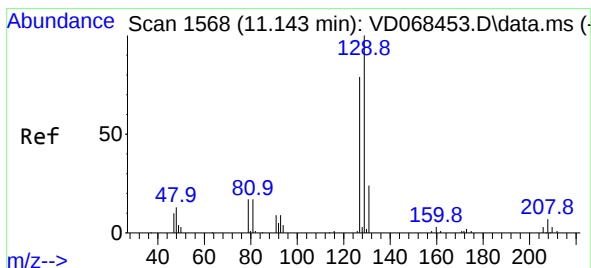
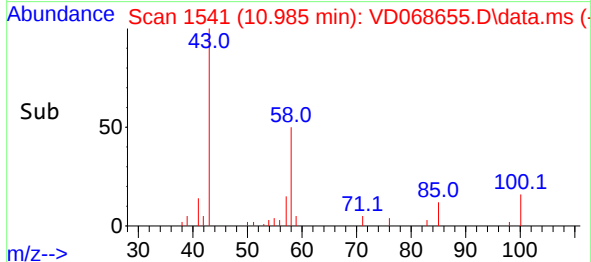
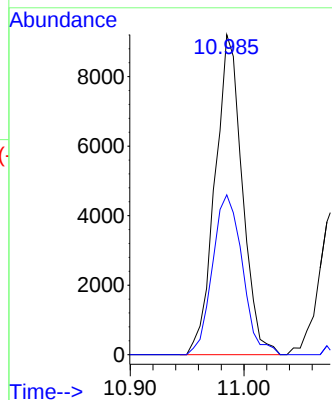
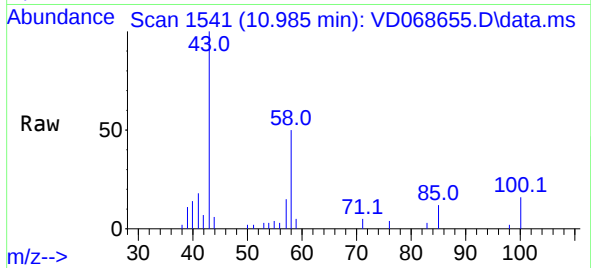




#59
2-Hexanone
Concen: 19.98 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

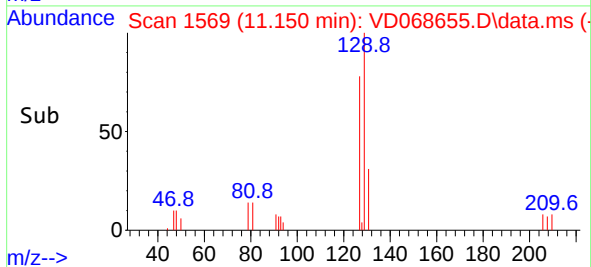
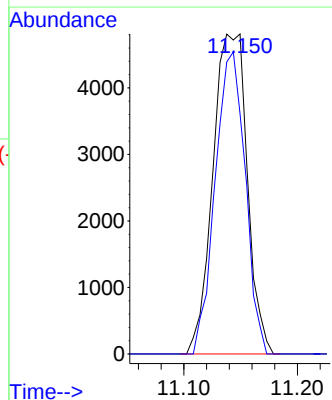
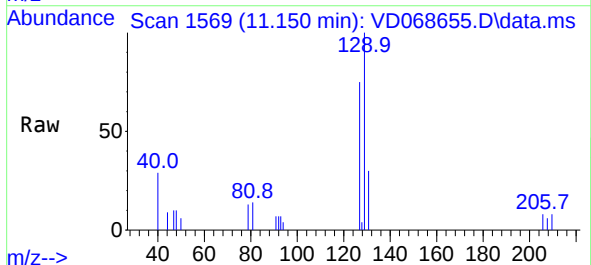
Instrument :
MSVOA_D
ClientSampleId :
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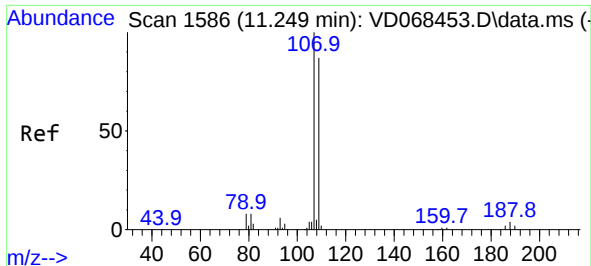
Tgt Ion: 43 Resp: 15365
Ion Ratio Lower Upper
43 100
58 54.8 31.0 93.0



#60
Dibromochloromethane
Concen: 4.37 ug/l
RT: 11.150 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 129 Resp: 10099
Ion Ratio Lower Upper
129 100
127 82.5 38.6 116.0

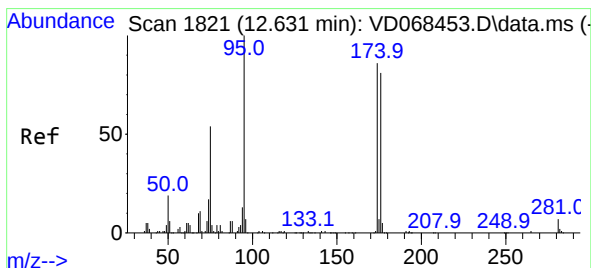
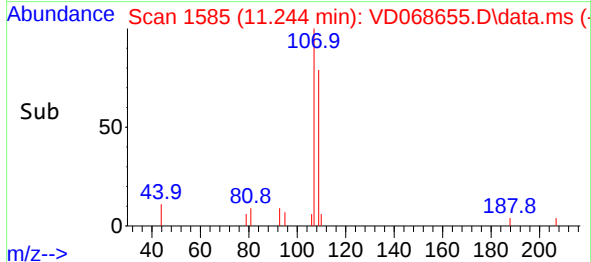
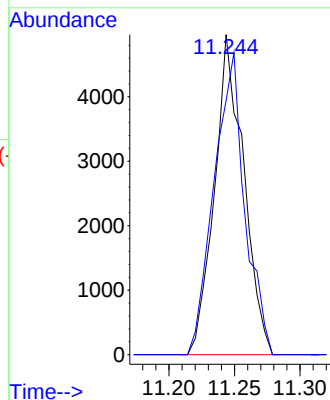
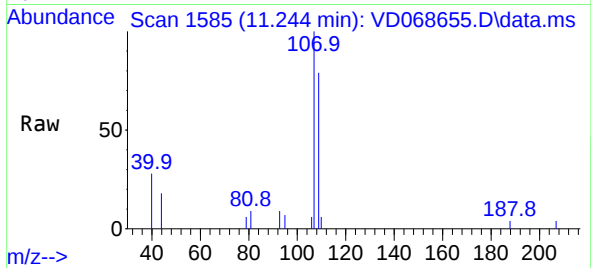




#61
1,2-Dibromoethane
Concen: 4.20 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

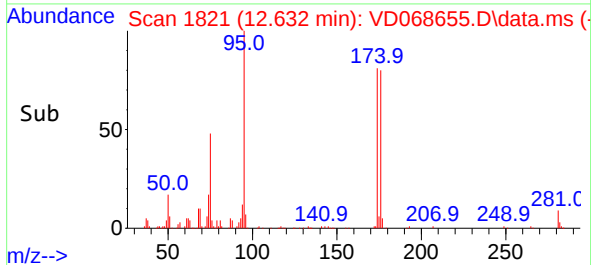
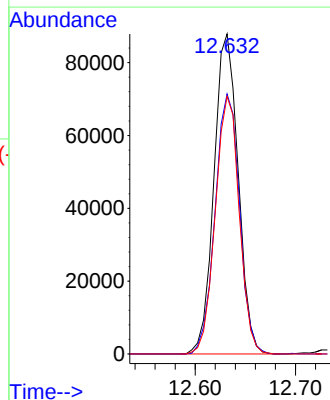
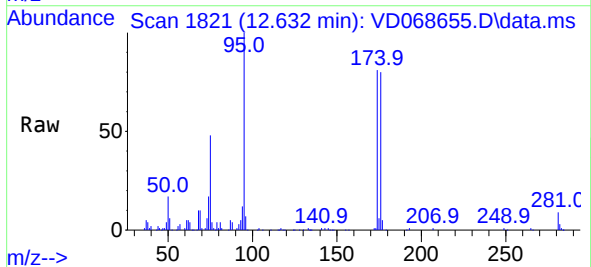
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

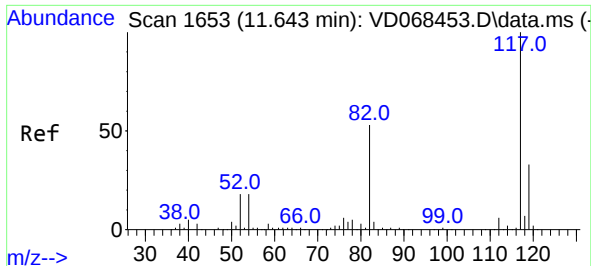
Tgt Ion:107 Resp: 7679
Ion Ratio Lower Upper
107 100
109 99.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 95 Resp: 146858
Ion Ratio Lower Upper
95 100
174 82.2 0.0 172.4
176 79.6 0.0 168.4

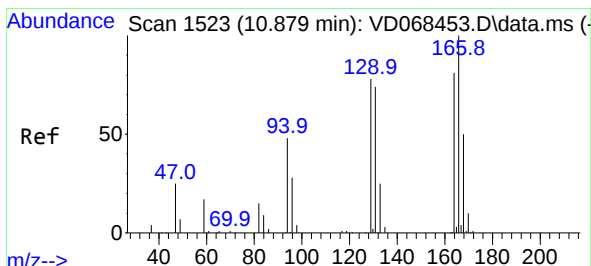
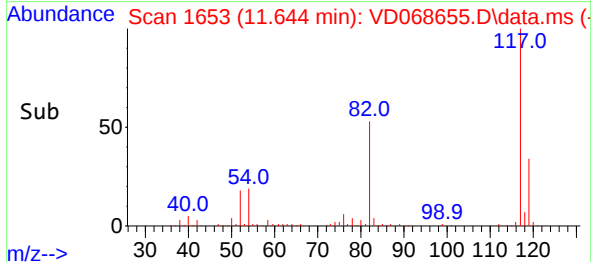
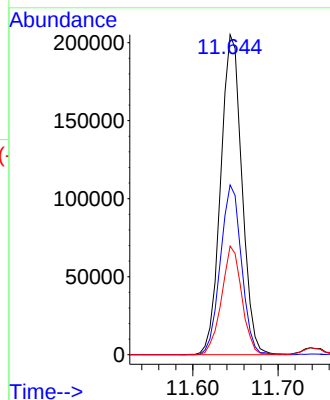
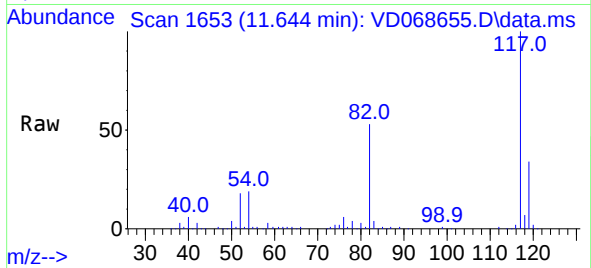




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

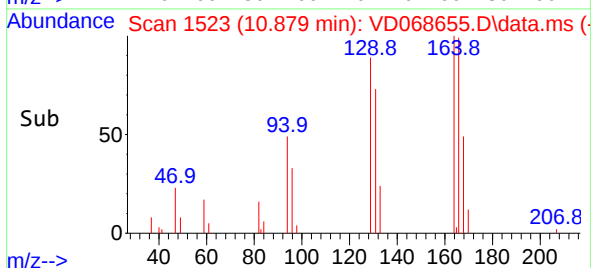
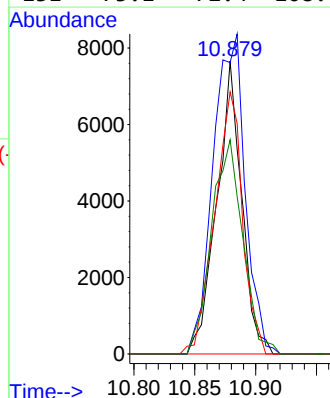
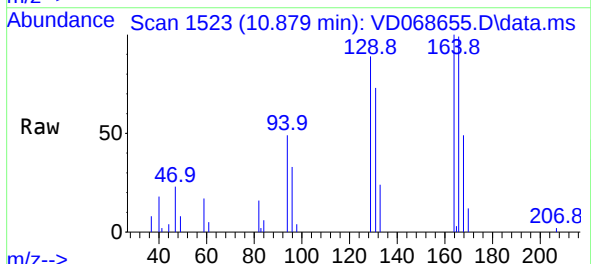
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

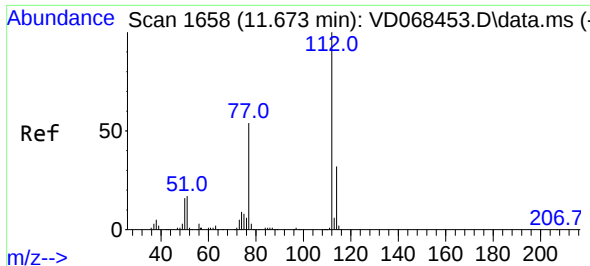
Tgt Ion:117 Resp: 354840
Ion Ratio Lower Upper
117 100
82 53.0 41.4 62.0
119 33.9 26.1 39.1



#64
Tetrachloroethene
Concen: 4.70 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:164 Resp: 10891
Ion Ratio Lower Upper
164 100
166 99.5 105.5 158.3#
129 89.5 75.6 113.4
131 73.1 72.4 108.6

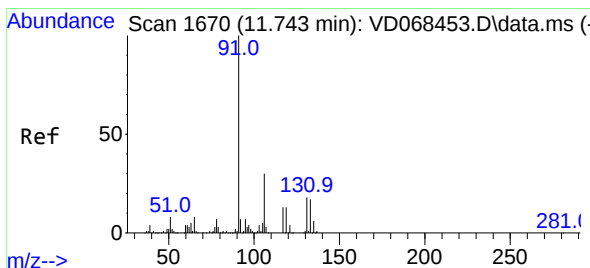
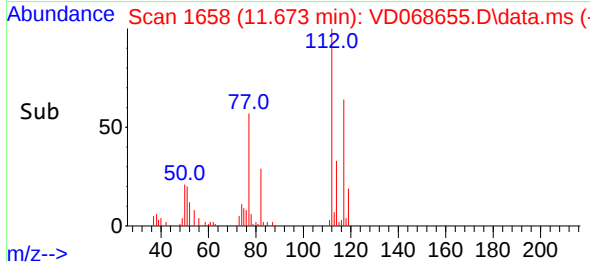
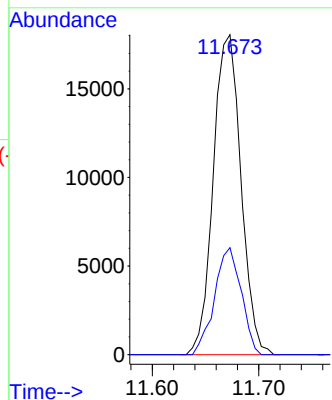
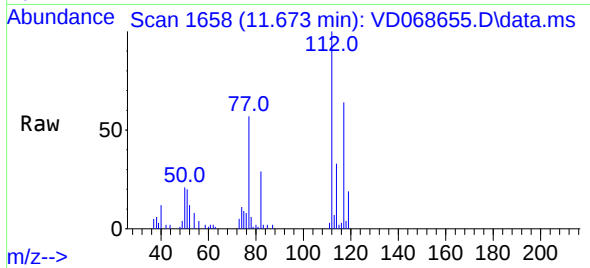




#65
Chlorobenzene
Concen: 4.51 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

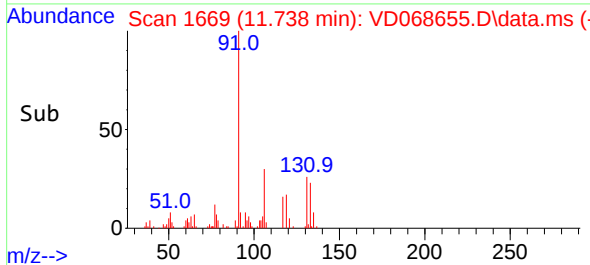
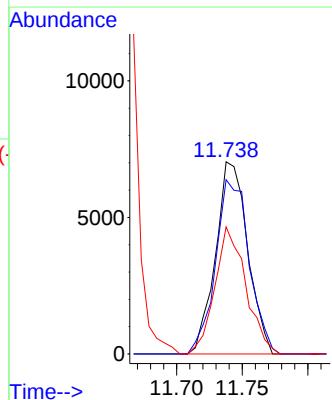
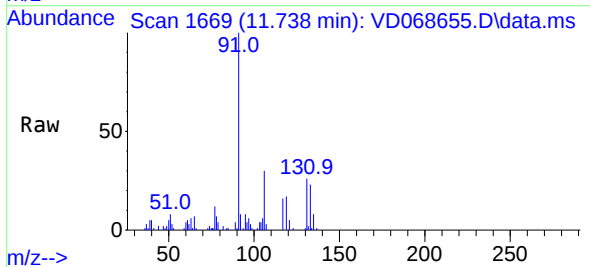
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:112 Resp: 32622
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.76 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:131 Resp: 11967
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 63.9 31.6 94.8

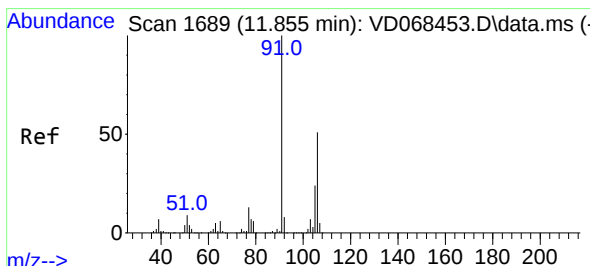
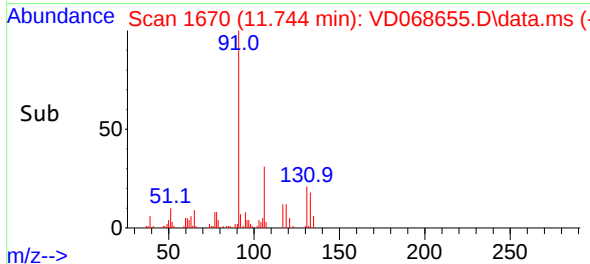
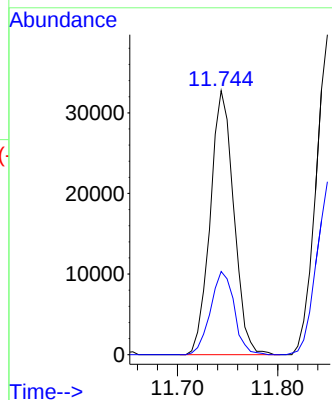
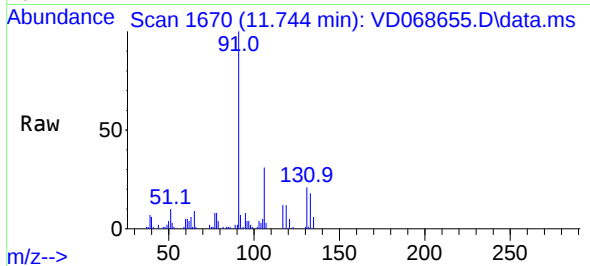




#67
Ethyl Benzene
Concen: 4.15 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

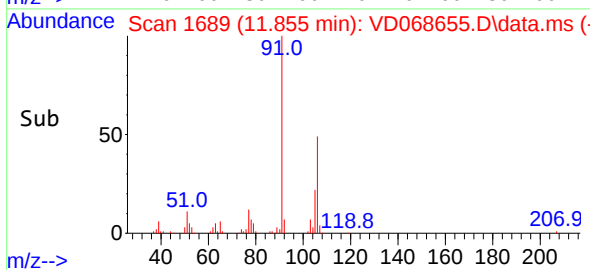
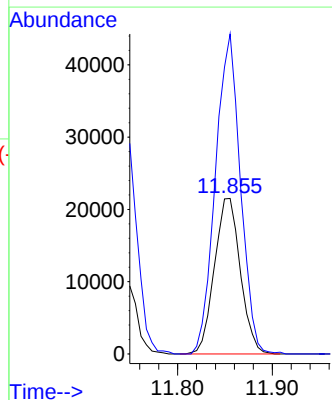
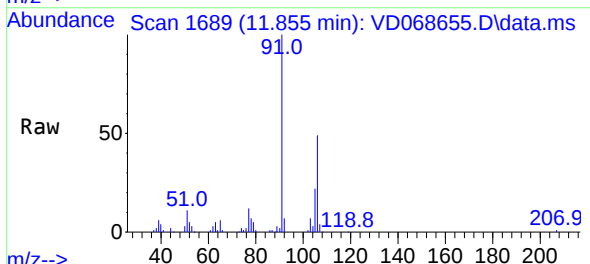
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

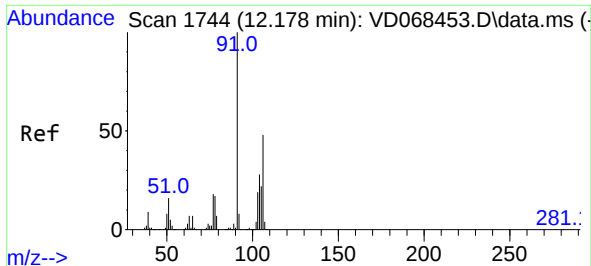
Tgt Ion: 91 Resp: 53536
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



#68
m/p-Xylenes
Concen: 8.35 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 106 Resp: 40892
Ion Ratio Lower Upper
106 100
91 198.6 159.1 238.7

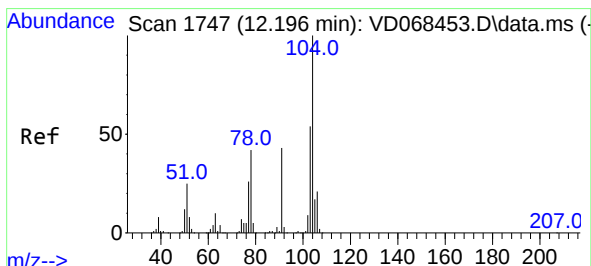
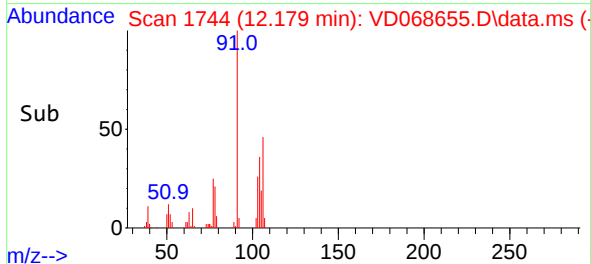
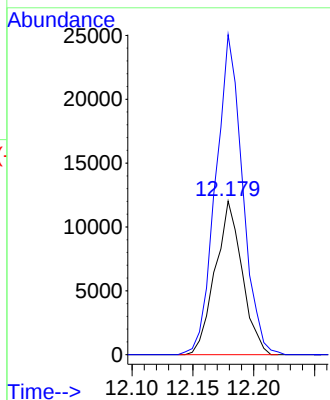
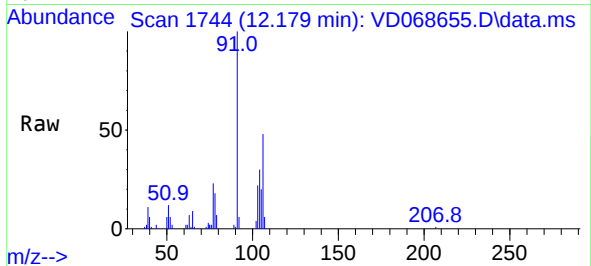




#69
o-Xylene
Concen: 4.10 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

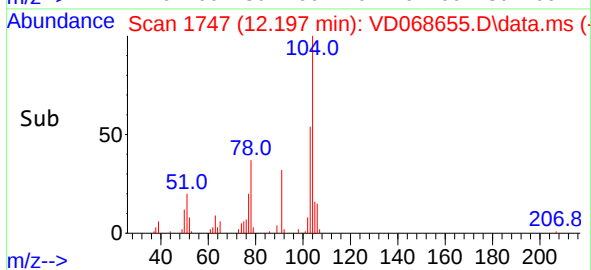
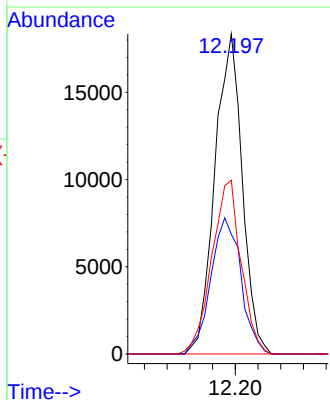
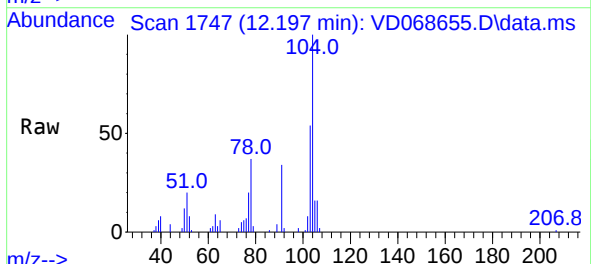
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

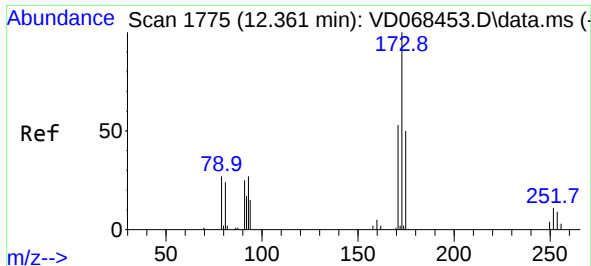
Tgt Ion:106 Resp: 18500
Ion Ratio Lower Upper
106 100
91 208.3 108.7 325.9



#70
Styrene
Concen: 3.98 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:104 Resp: 30720
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.2
103 58.1 43.1 64.7

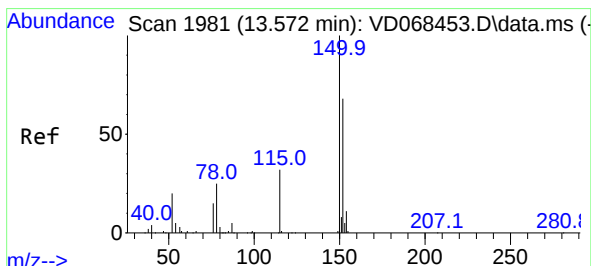
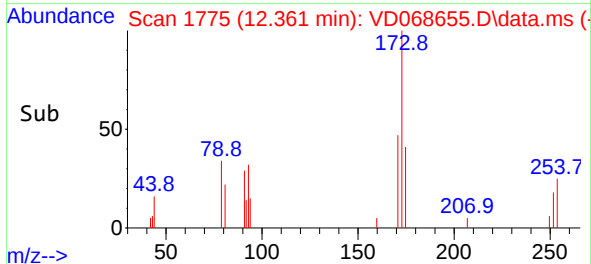
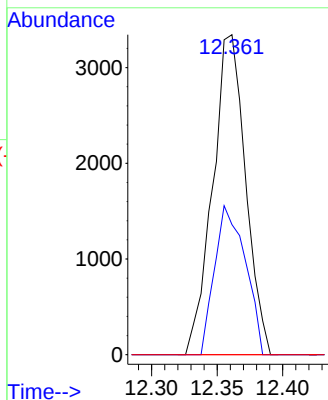
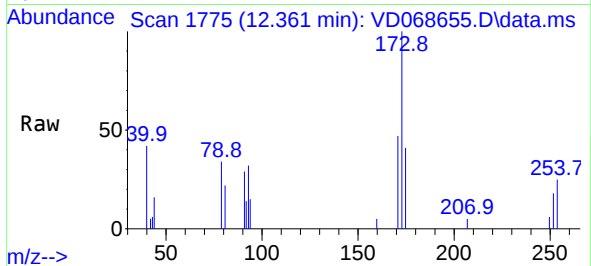




#71
Bromoform
Concen: 4.58 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

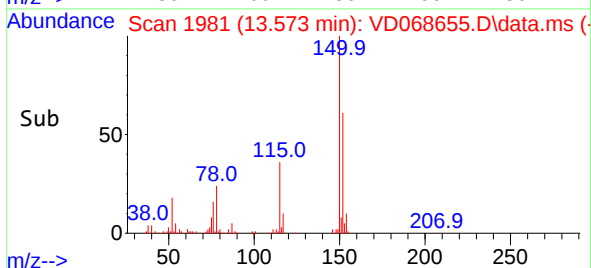
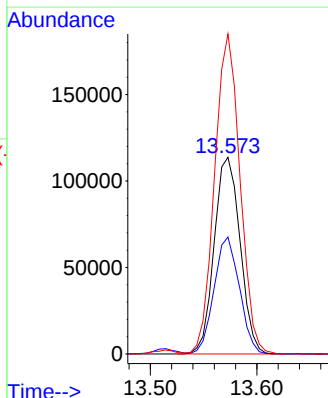
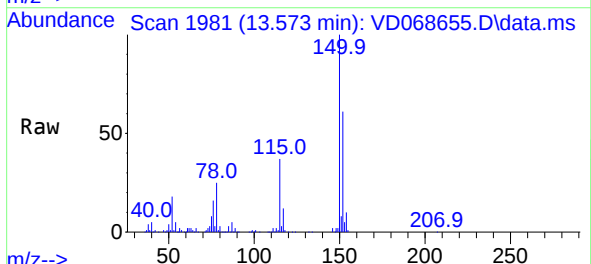
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

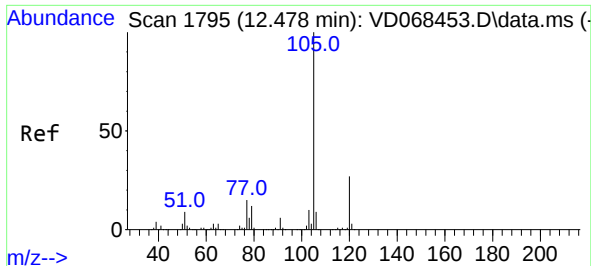
Tgt Ion:173 Resp: 5839
Ion Ratio Lower Upper
173 100
175 43.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:152 Resp: 192064
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 159.4 0.0 344.4

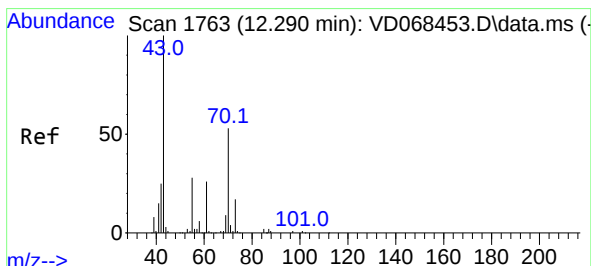
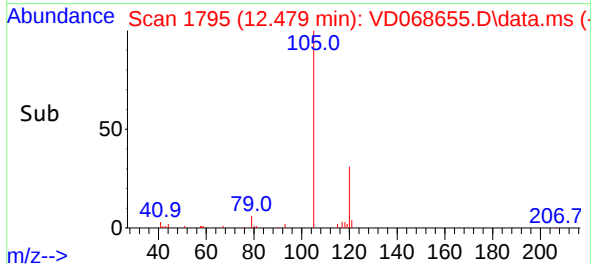
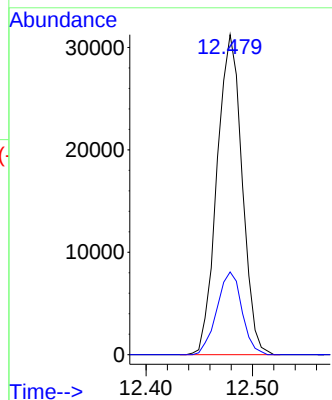
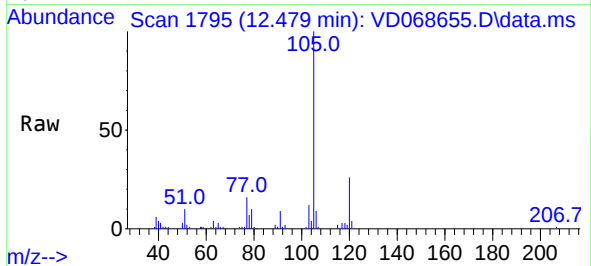




#73
Isopropylbenzene
Concen: 3.59 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

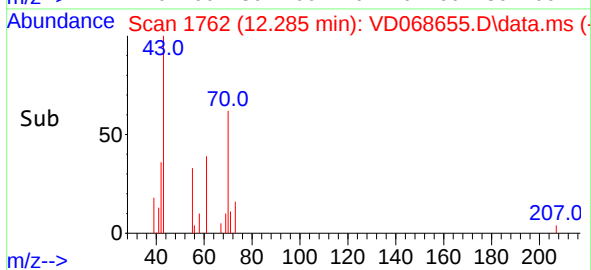
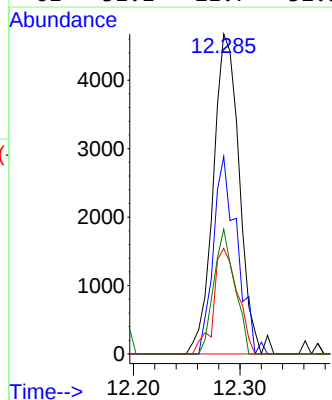
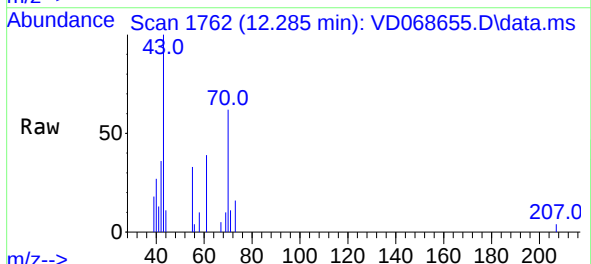
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:105 Resp: 51159
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.6



#74
N-ethyl acetate
Concen: 3.28 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 43 Resp: 7961
Ion Ratio Lower Upper
43 100
70 55.9 41.8 62.8
55 30.3 24.2 36.4
61 31.1 21.7 32.5

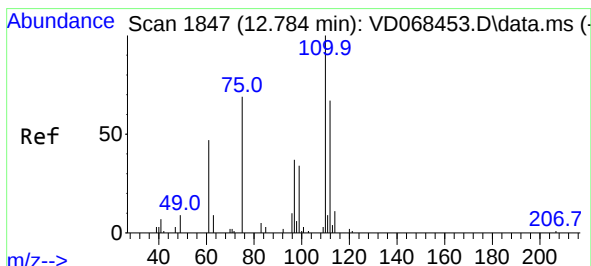
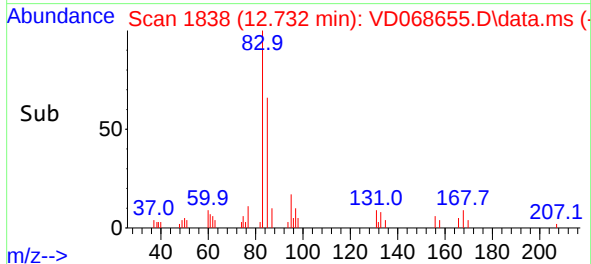
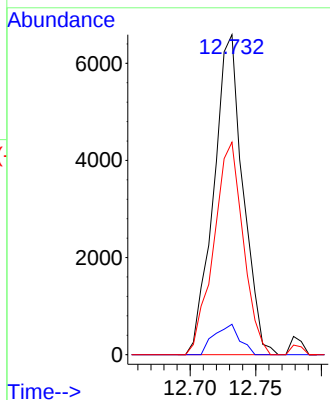
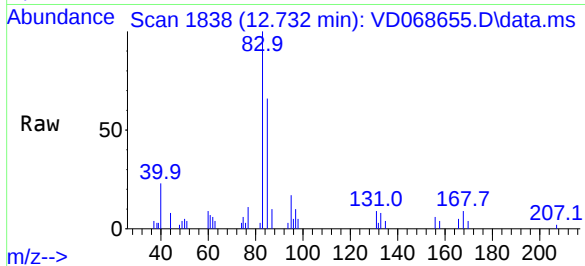




#75
1,1,2,2-Tetrachloroethane
Concen: 4.18 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

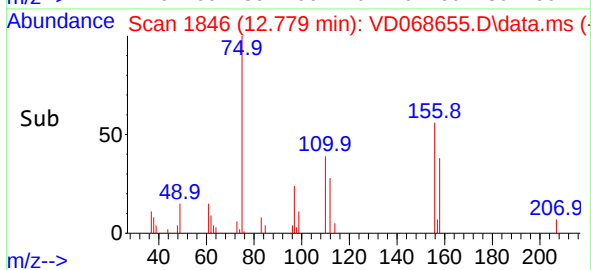
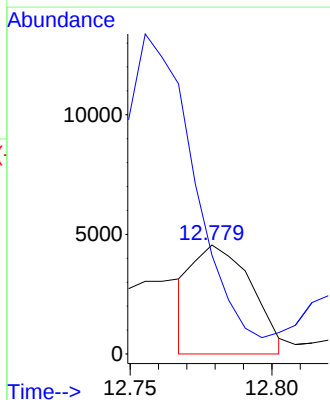
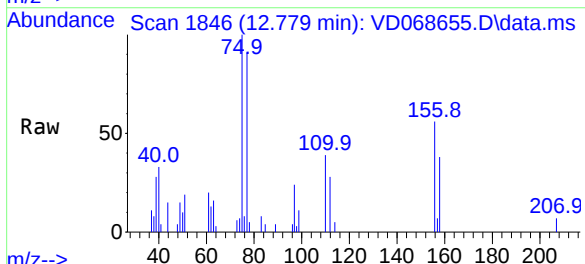
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

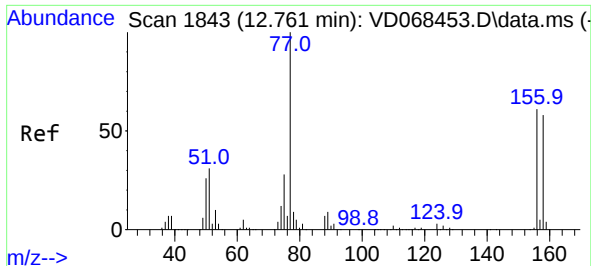
Tgt Ion:	83	Resp:	10241
Ion	Ratio	Lower	Upper
83	100		
131	8.3	5.8	17.4
85	66.9	32.4	97.2



#76
1,2,3-Trichloropropane
Concen: 3.87 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	75	Resp:	6602
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

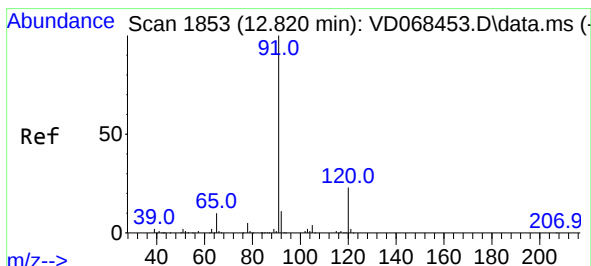
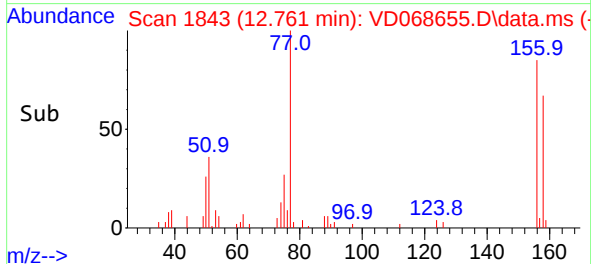
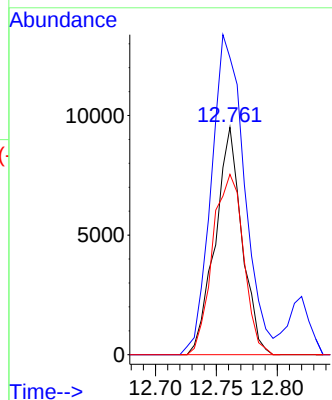
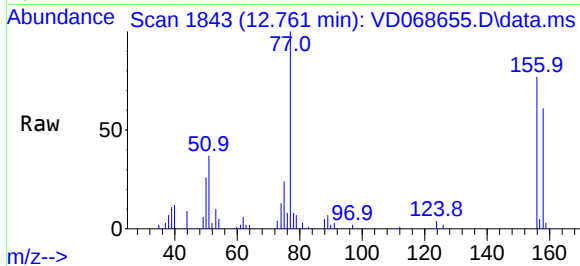




#77
Bromobenzene
Concen: 4.49 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

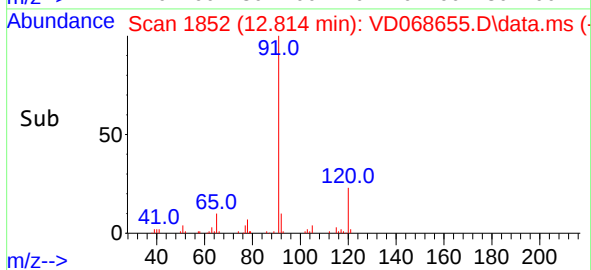
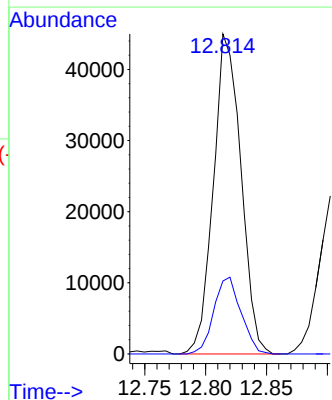
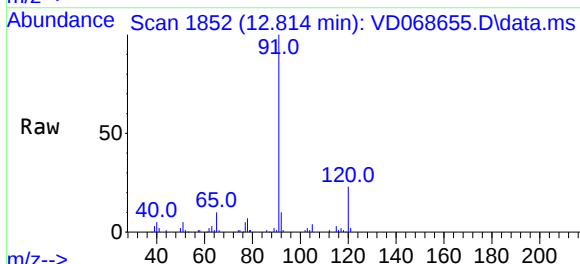
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

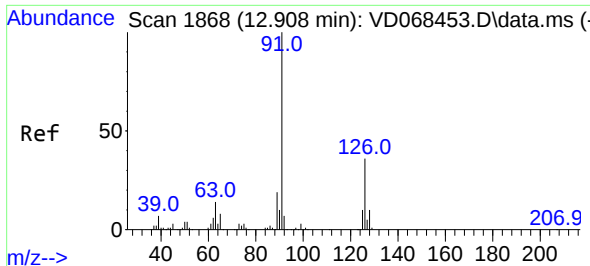
Tgt Ion:156 Resp: 14592
Ion Ratio Lower Upper
156 100
77 173.3 82.8 248.3
158 91.3 48.0 144.0



#78
n-propylbenzene
Concen: 4.16 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 91 Resp: 70751
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.0

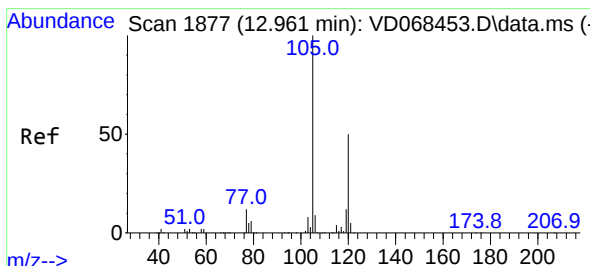
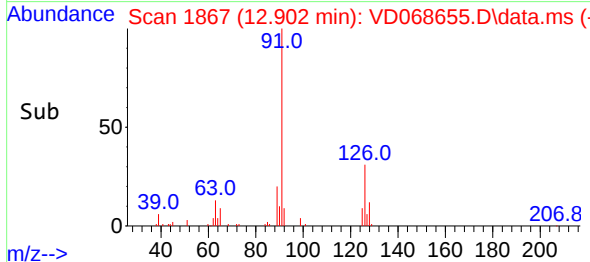
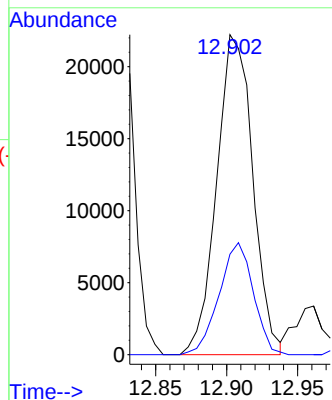
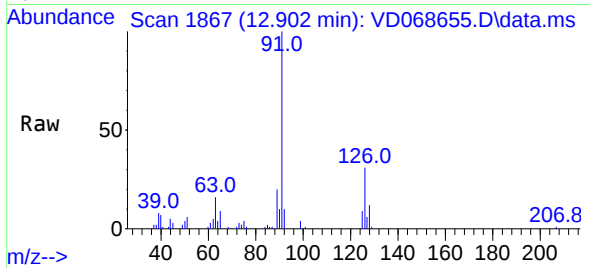




#79
2-Chlorotoluene
Concen: 4.16 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

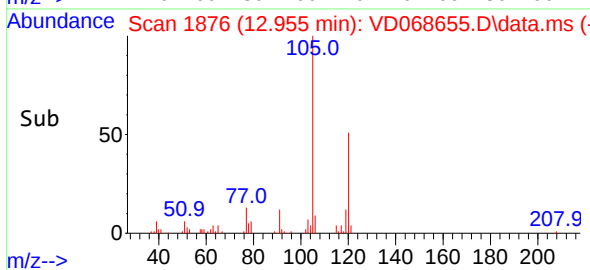
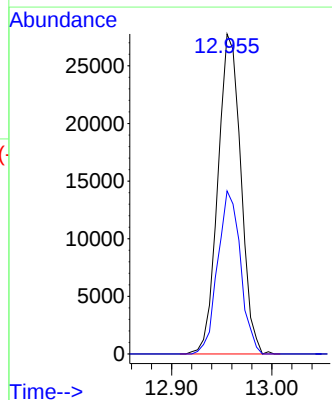
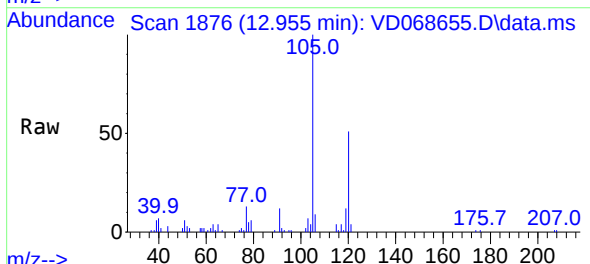
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

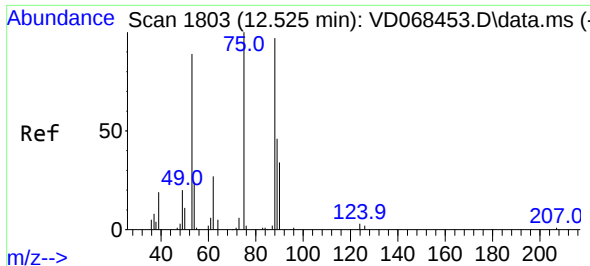
Tgt Ion: 91 Resp: 39276
Ion Ratio Lower Upper
91 100
126 33.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 3.78 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

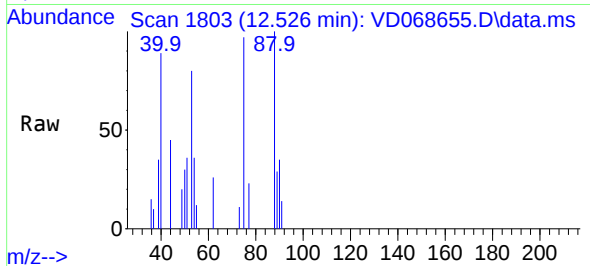
Tgt Ion:105 Resp: 44177
Ion Ratio Lower Upper
105 100
120 50.5 24.2 72.6





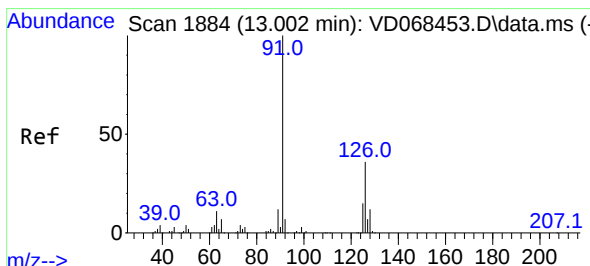
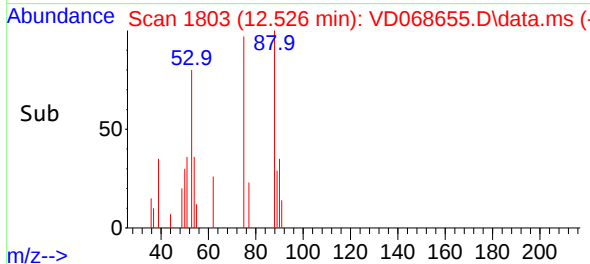
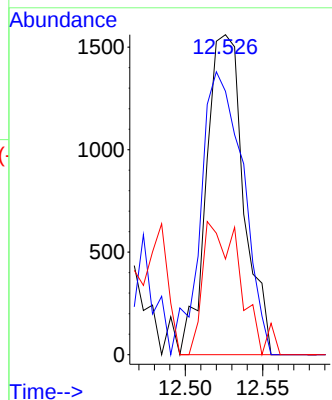
#81
trans-1,4-Dichloro-2-butene
Concen: 3.59 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

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

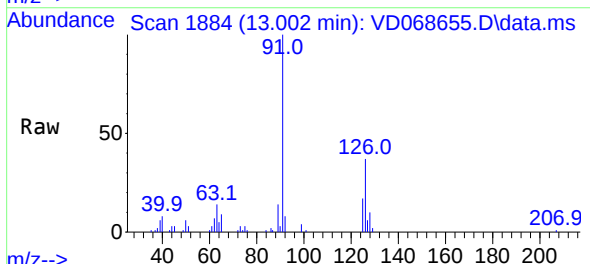


Tgt Ion: 75 Resp: 2621

Ion	Ratio	Lower	Upper
75	100		
53	99.9	70.2	105.2
89	41.8	40.3	60.5

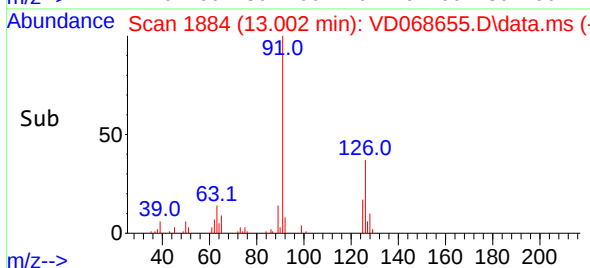
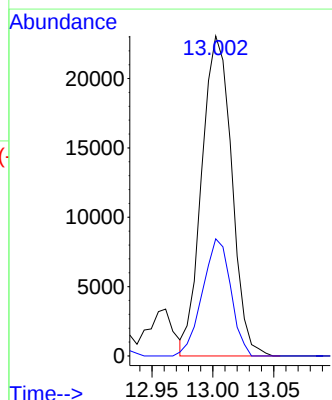


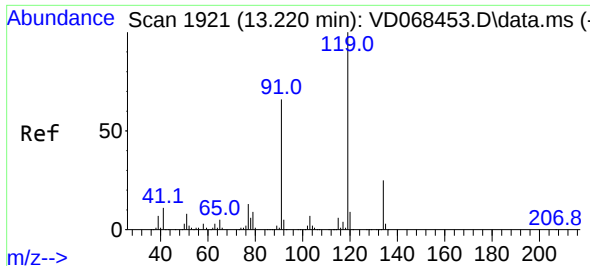
#82
4-Chlorotoluene
Concen: 3.97 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38



Tgt Ion: 91 Resp: 39500

Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.7	53.1

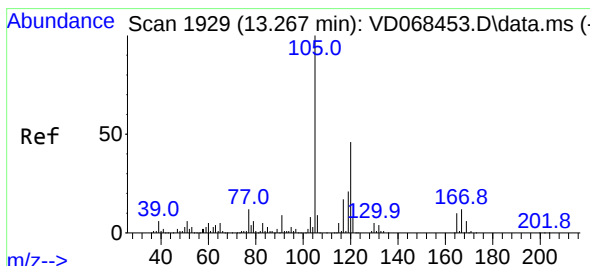
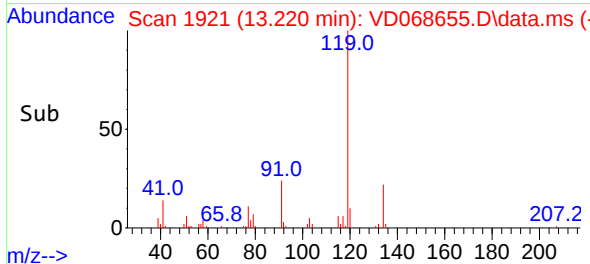
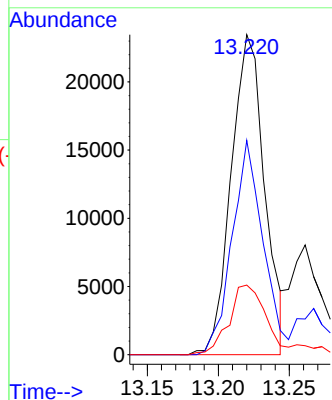
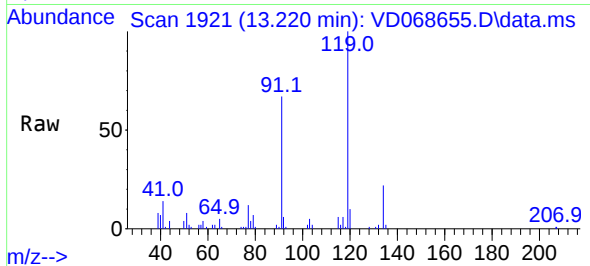




#83
tert-Butylbenzene
Concen: 3.87 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

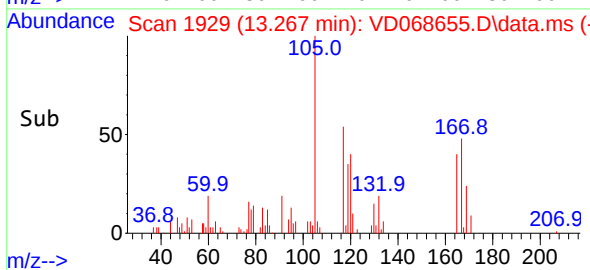
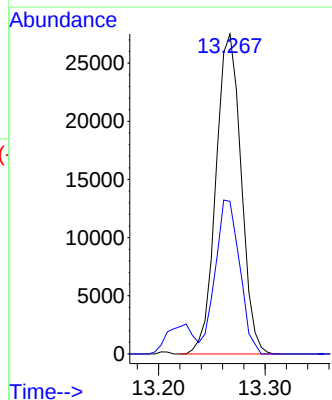
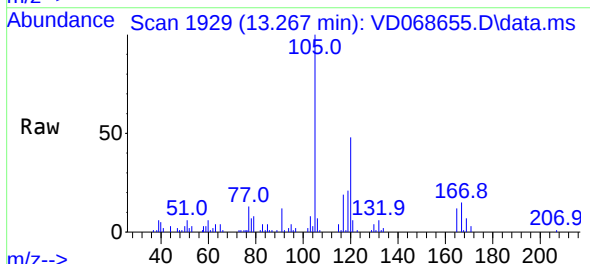
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

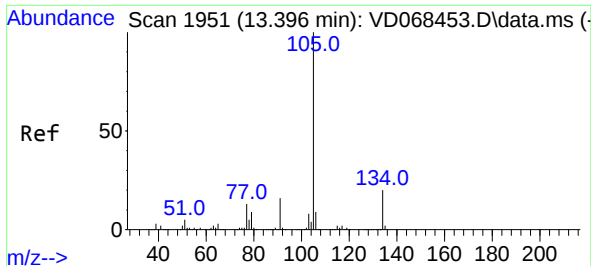
Tgt Ion:	119	Resp:	38426
Ion	Ratio	Lower	Upper
119	100		
91	62.2	31.1	93.5
134	23.8	13.3	39.8



#84
1,2,4-Trimethylbenzene
Concen: 3.86 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	105	Resp:	45093
Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.4	67.0

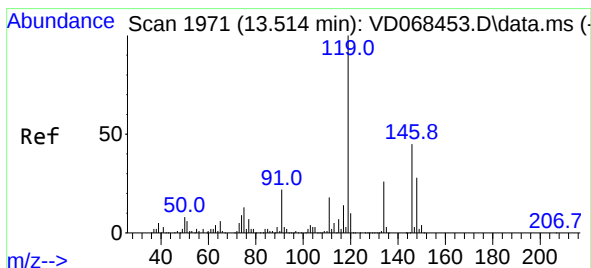
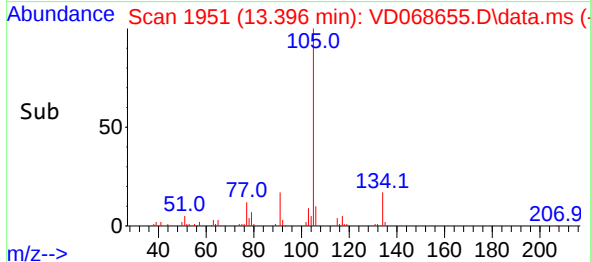
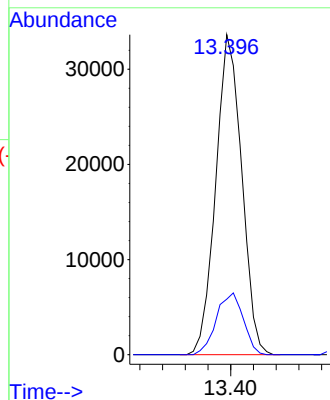
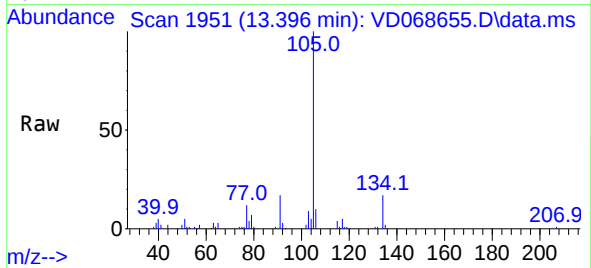




#85
sec-Butylbenzene
Concen: 3.80 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

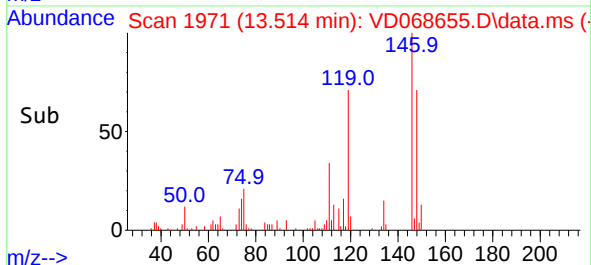
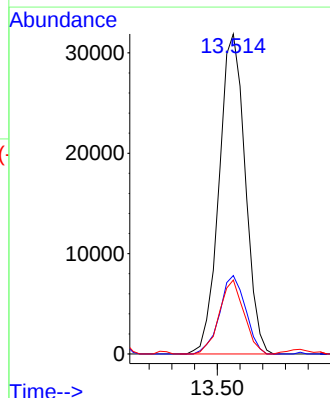
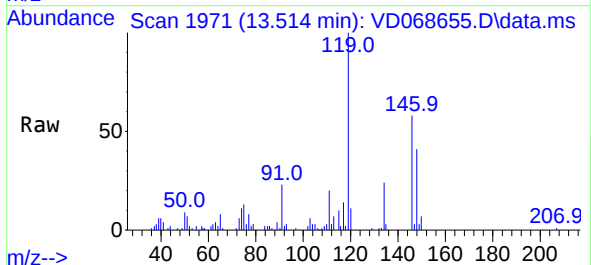
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

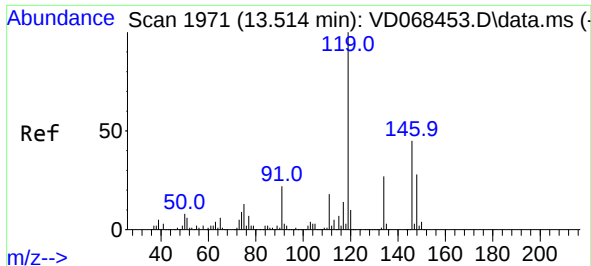
Tgt Ion:105 Resp: 53346
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.9



#86
p-Isopropyltoluene
Concen: 3.98 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:119 Resp: 50779
Ion Ratio Lower Upper
119 100
134 24.3 12.9 38.7
91 21.9 11.7 35.0

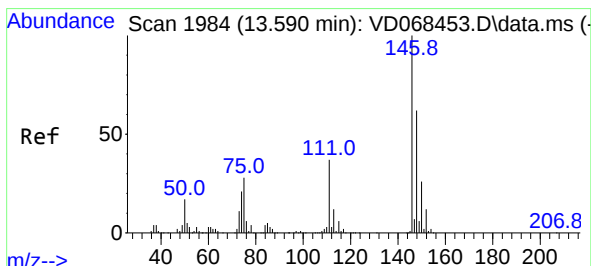
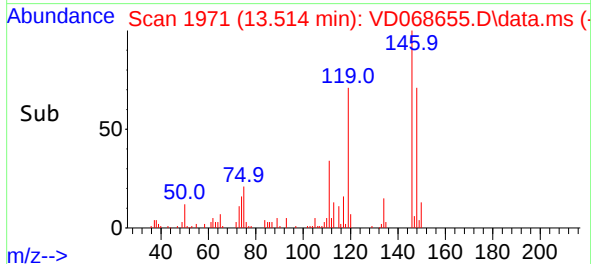
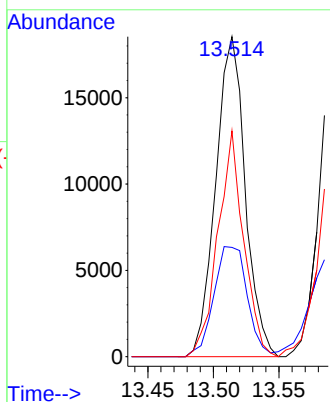
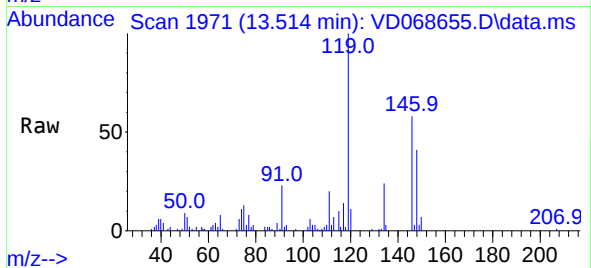




#87
1,3-Dichlorobenzene
Concen: 4.62 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

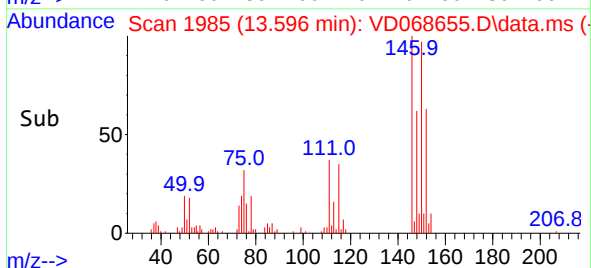
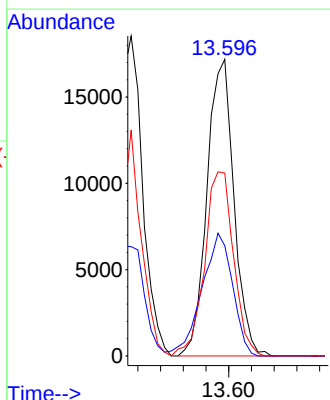
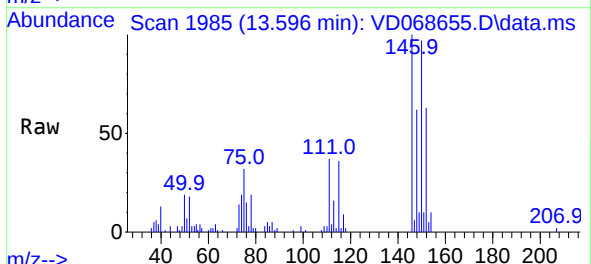
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

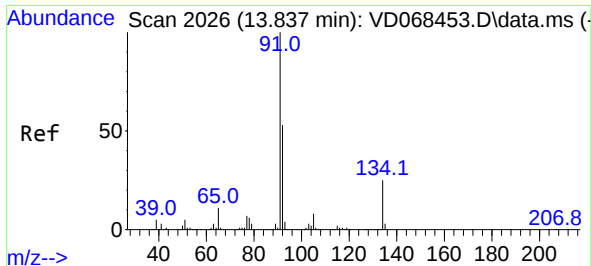
Tgt Ion:	146	Resp:	29005
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	61.7	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 4.56 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	146	Resp:	28336
Ion	Ratio	Lower	Upper
146	100		
111	47.2	19.1	57.1
148	66.5	31.9	95.7

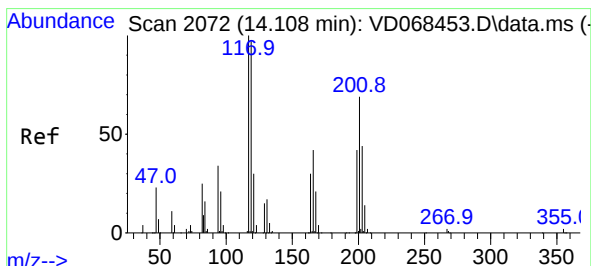
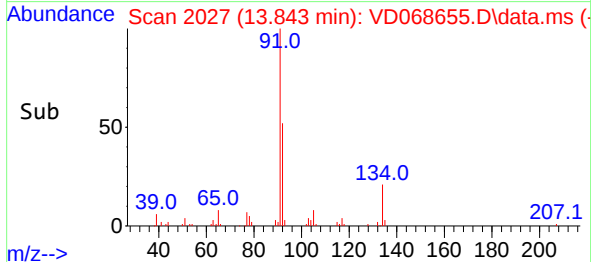
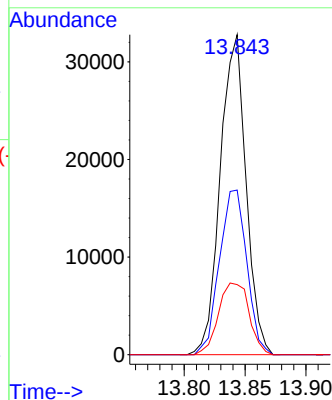
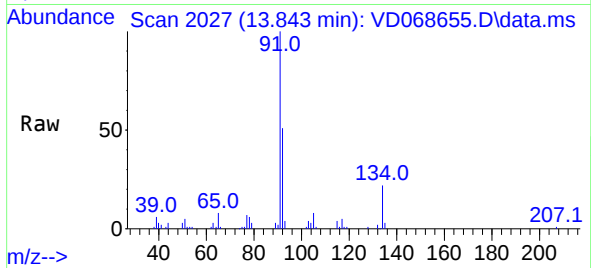




#89
n-Butylbenzene
Concen: 3.92 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

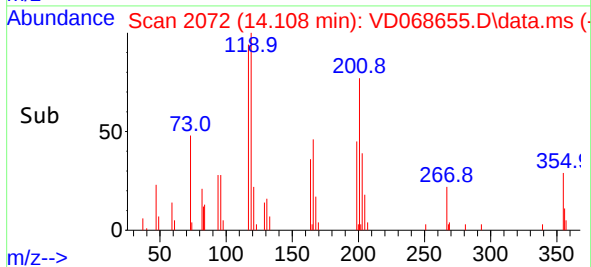
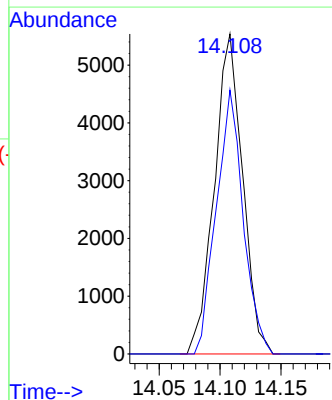
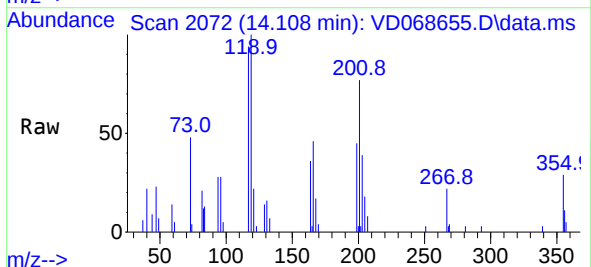
Instrument :
MSVOA_D
ClientSampleId :
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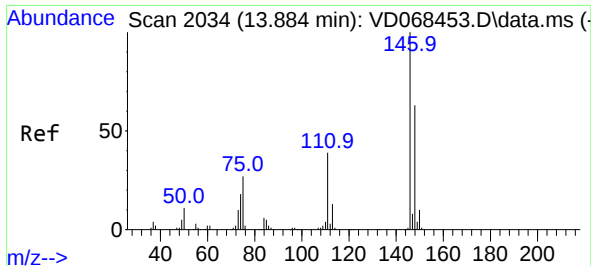
Tgt Ion: 91	Resp: 48254
Ion Ratio	Lower Upper
91	100
92	54.7 27.2 81.6
134	26.6 13.9 41.7



#90
Hexachloroethane
Concen: 3.54 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 117	Resp: 8958
Ion Ratio	Lower Upper
117	100
201	78.3 39.5 118.5

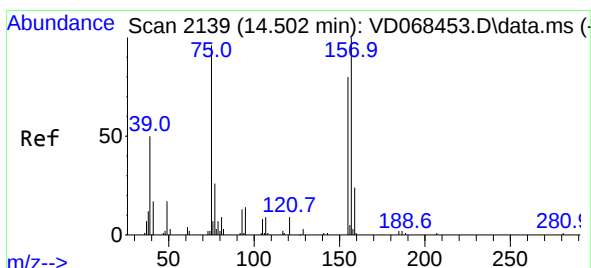
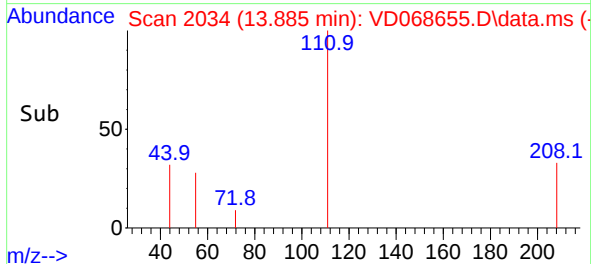
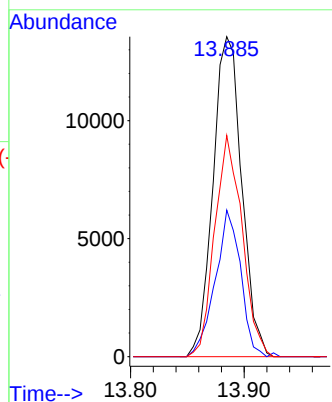
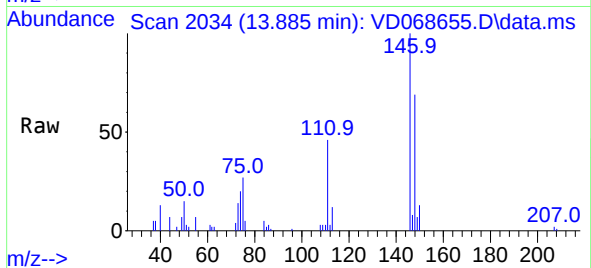




#91
1,2-Dichlorobenzene
Concen: 4.42 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

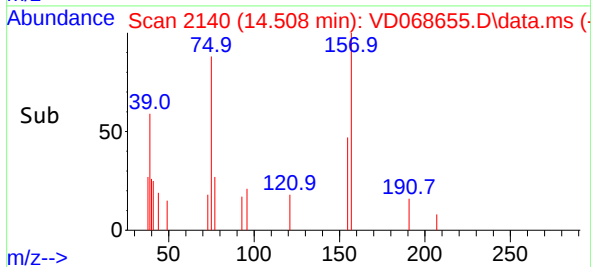
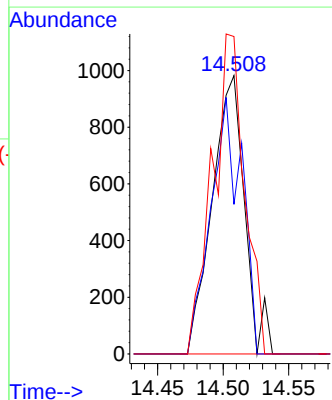
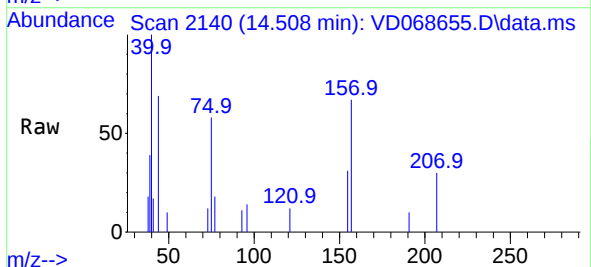
Instrument :
MSVOA_D
ClientSampleId :
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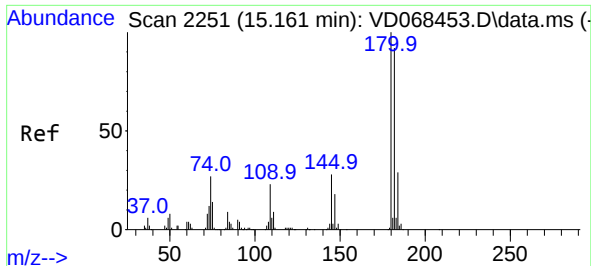
Tgt Ion:	146	Resp:	23800
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	66.2	31.7	95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.89 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.006 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	75	Resp:	1682
Ion	Ratio	Lower	Upper
75	100		
155	89.0	48.0	144.2
157	114.3	65.0	194.8

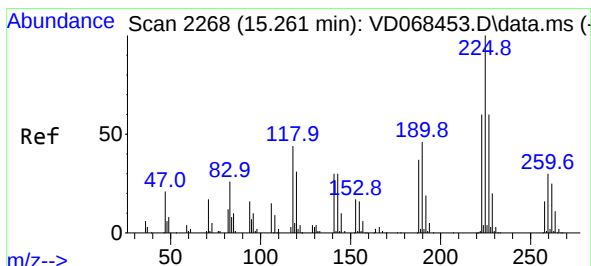
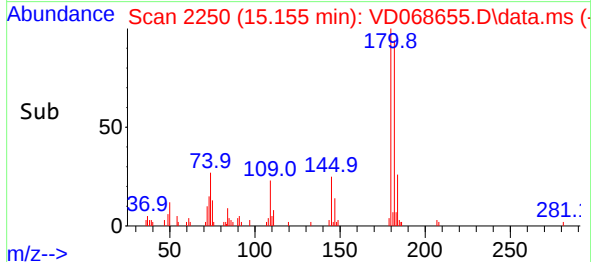
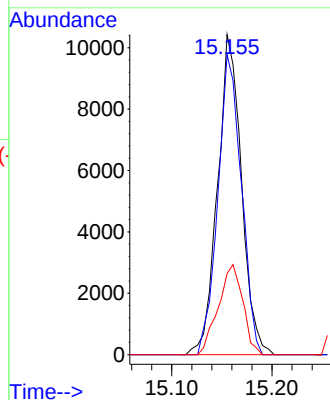
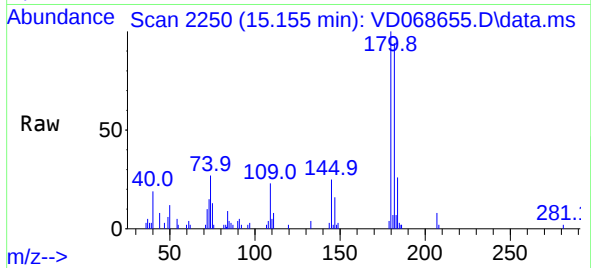




#93
1,2,4-Trichlorobenzene
Concen: 4.14 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

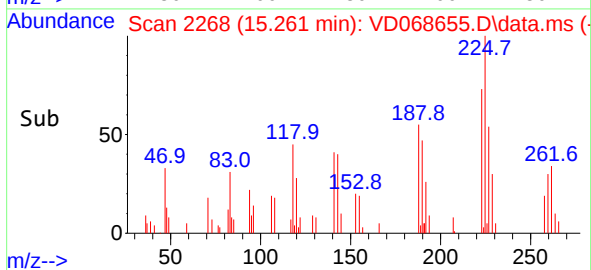
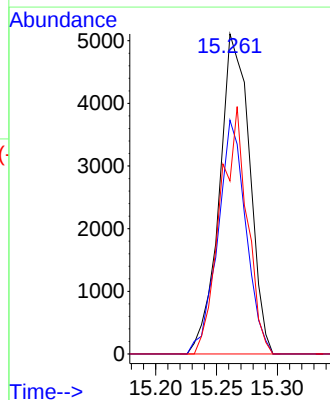
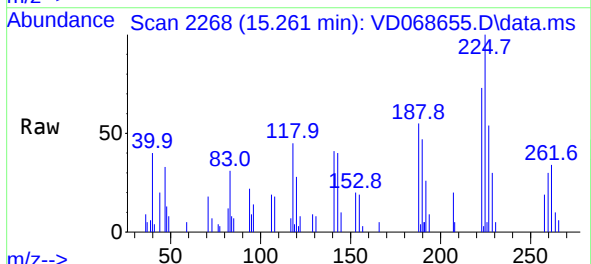
Instrument :
MSVOA_D
ClientSampleId :
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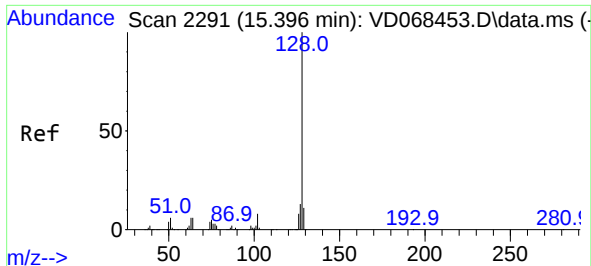
Tgt Ion:	180	Resp:	17227
Ion Ratio	Lower	Upper	
180	100		
182	92.2	46.8	140.4
145	28.9	15.2	45.5



#94
Hexachlorobutadiene
Concen: 3.82 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	225	Resp:	8817
Ion Ratio	Lower	Upper	
225	100		
223	68.0	31.9	95.5
227	69.4	32.1	96.5

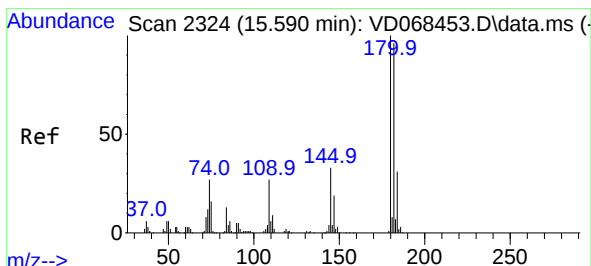
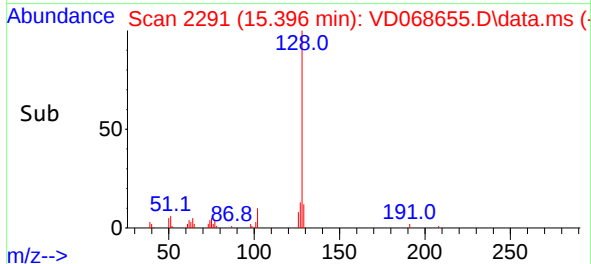
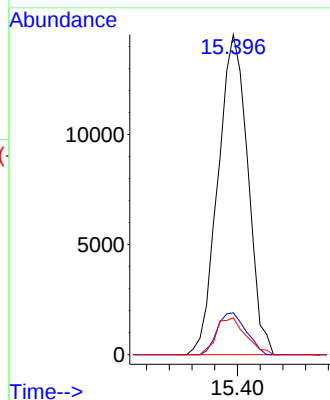
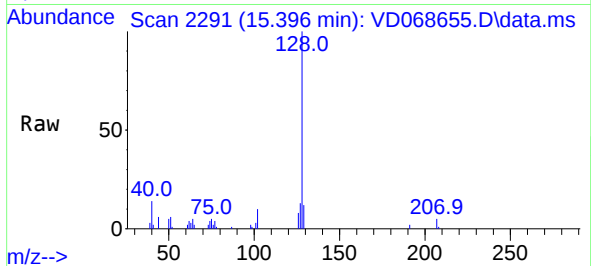




#95
Naphthalene
Concen: 3.51 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

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

Tgt Ion:	128	Resp:	26456
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.4	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.97 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068655.D
Acq: 18 Mar 2021 15:38

Tgt Ion:	180	Resp:	14311
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	30.3	16.7	50.1

