

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068464.D
 Acq On : 26 Feb 2021 18:49
 Operator : VA/SY
 Sample : M1518-01
 Misc : 11.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Feb 26 21:50:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

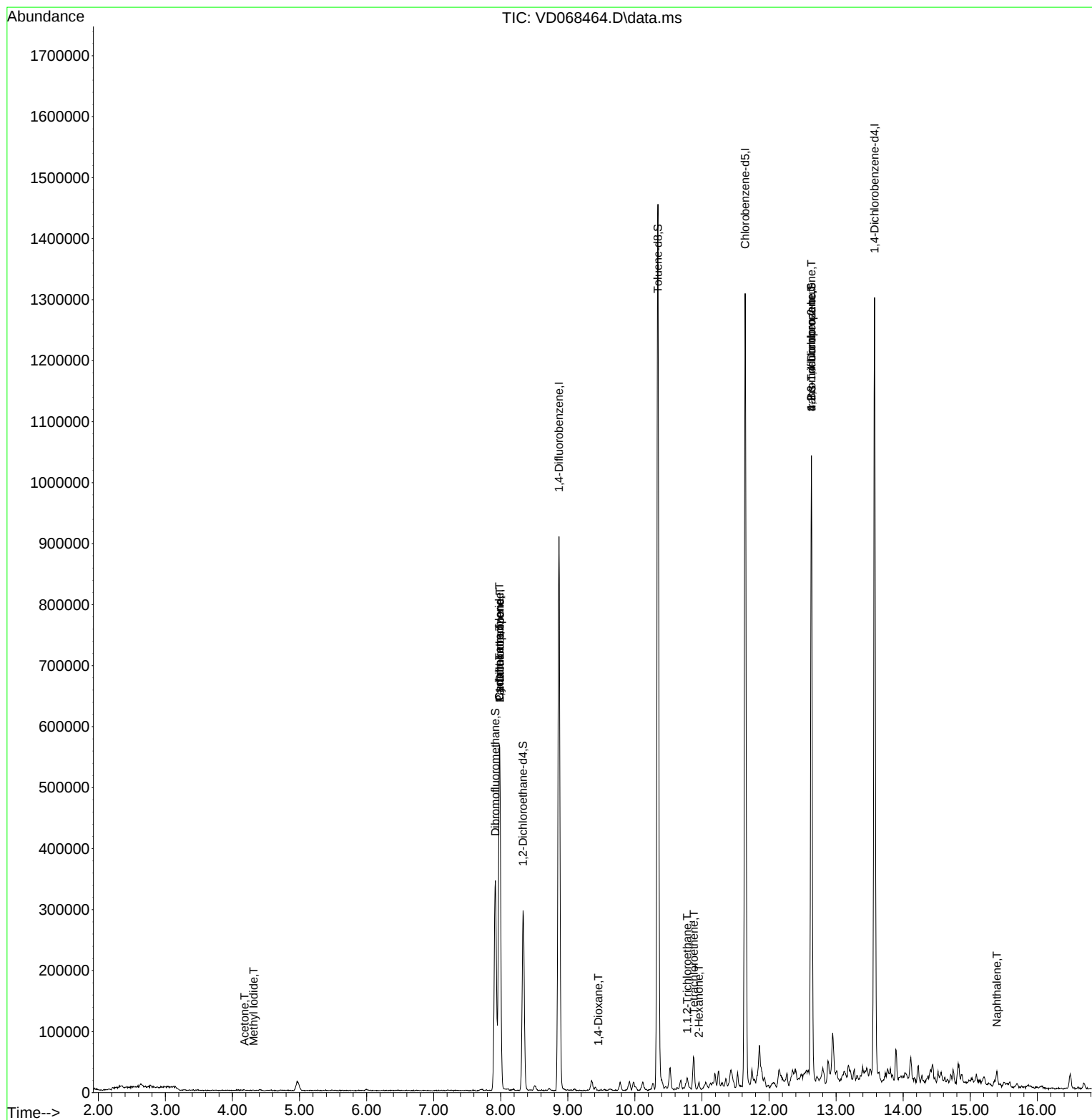
Internal Standards						
1) Pentafluorobenzene	7.985	168	452325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	824806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	776724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	353360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	235106	52.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.04%			
35) Dibromofluoromethane	7.920	113	252704	50.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.72%			
50) Toluene-d8	10.344	98	1025108	51.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.60%			
62) 4-Bromofluorobenzene	12.632	95	340879	53.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.88%			
Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	283	2.67	ug/l #	38
16) Acetone	4.179	43	2005	2.79	ug/l	92
20) Methylene Chloride	4.973	84	12934	Below Cal		95
31) Cyclohexane	7.979	56	10614	1.29	ug/l #	18
36) 1,1-Dichloropropene	7.985	75	33572	4.28	ug/l #	46
38) Carbon Tetrachloride	7.979	117	45218	6.14	ug/l #	16
49) 1,4-Dioxane	9.455	88	65	1.95	ug/l #	30
55) 1,1,2-Trichloroethane	10.779	97	6782	1.68	ug/l #	24
59) 2-Hexanone	10.955	43	4744	2.84	ug/l #	19
64) Tetrachloroethene	10.879	164	12963	2.56	ug/l	90
76) 1,2,3-Trichloropropane	12.632	75	169675	54.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	169675	126.22	ug/l #	14
95) Naphthalene	15.396	128	20687	1.49	ug/l #	93

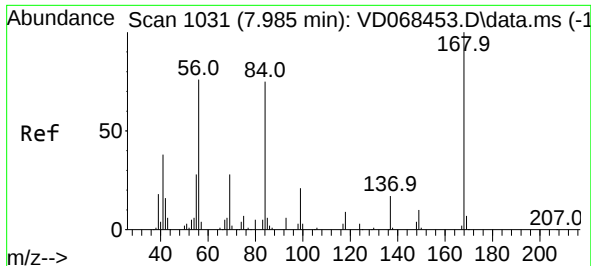
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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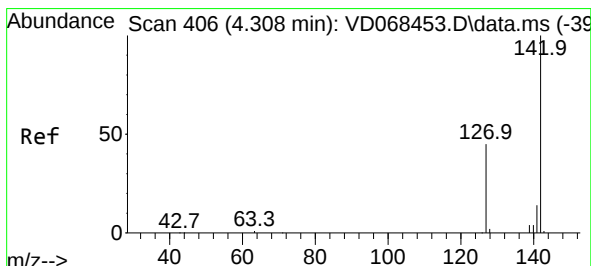
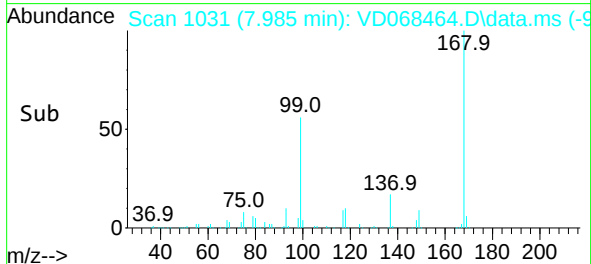
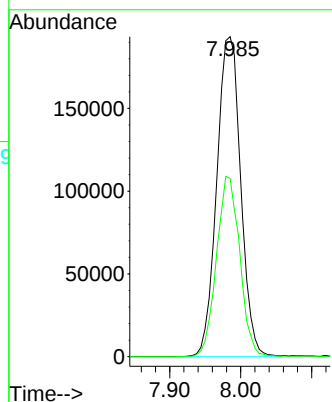
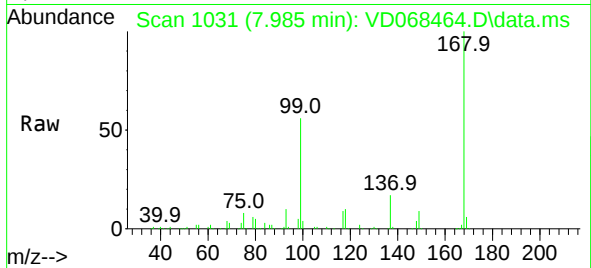




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

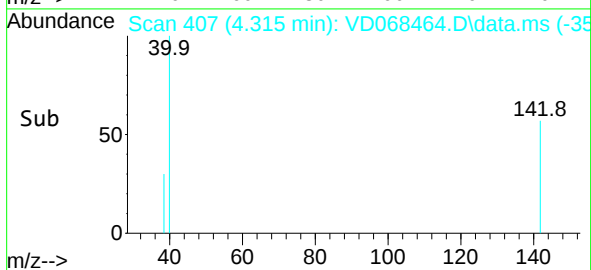
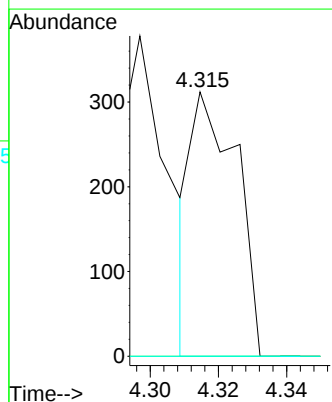
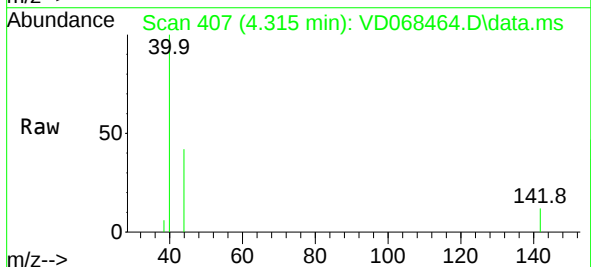
Instrument :
MSVOA_D
ClientSampled :
SB-1

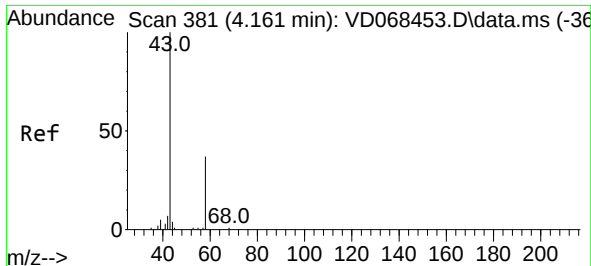
Tgt Ion:168 Resp: 452325
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



#10
Methyl Iodide
Concen: 2.67 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.007 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion:142 Resp: 283
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

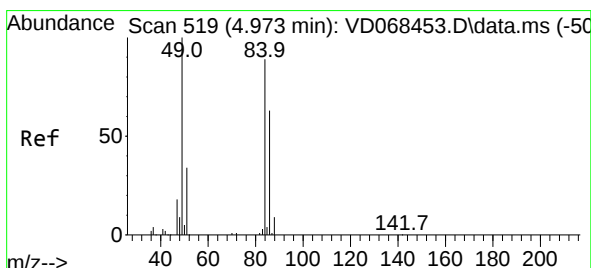
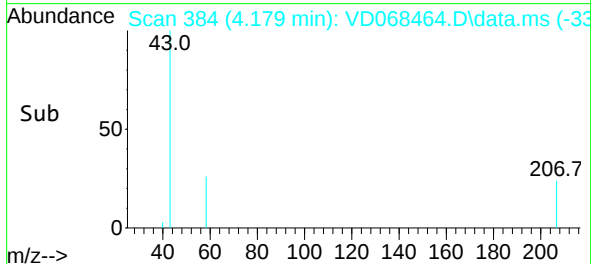
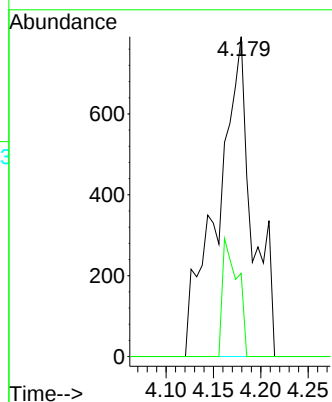
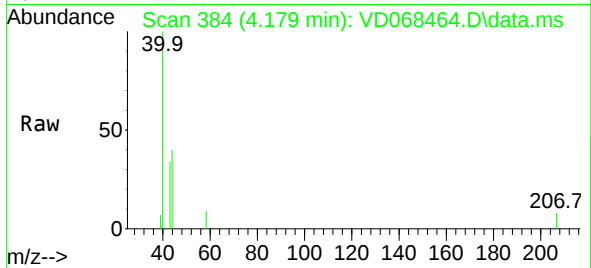




#16
Acetone
Concen: 2.79 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

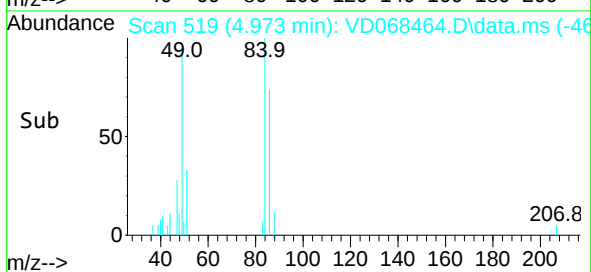
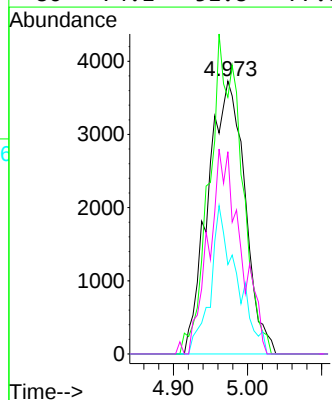
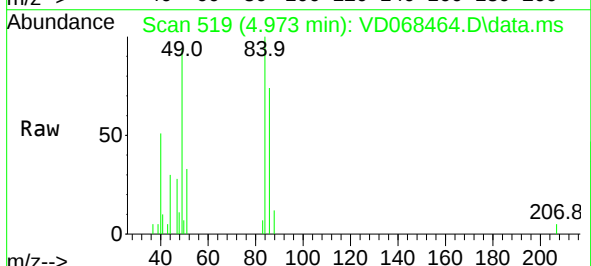
Instrument :
MSVOA_D
ClientSampled :
SB-1

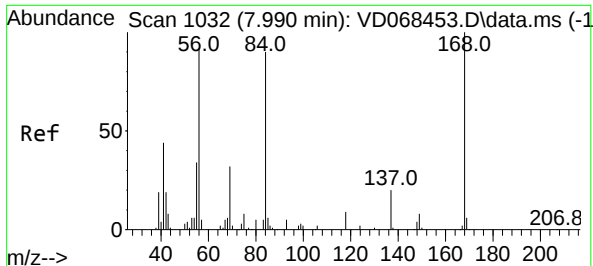
Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 26.0 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 84 Resp: 12934
Ion Ratio Lower Upper
84 100
49 94.1 77.4 116.2
51 32.8 26.1 39.1
86 74.1 51.8 77.8

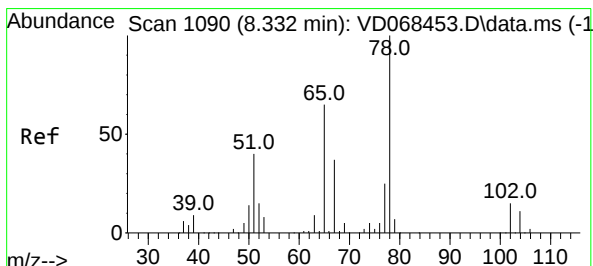
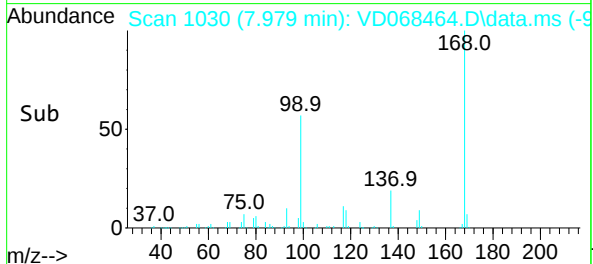
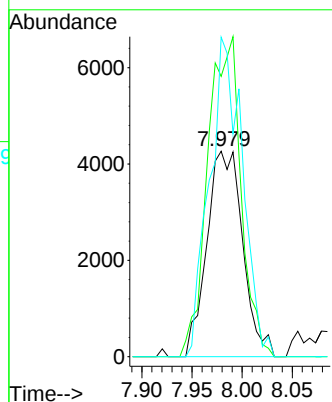
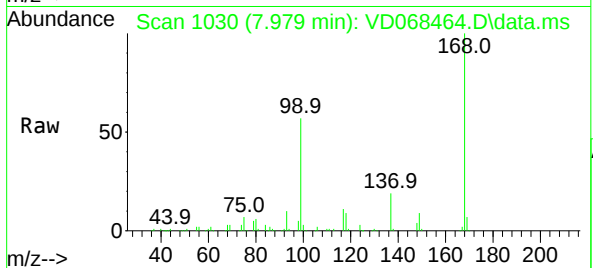




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

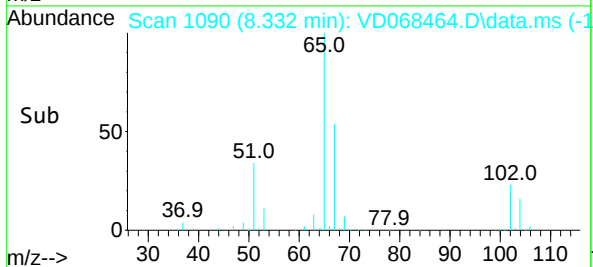
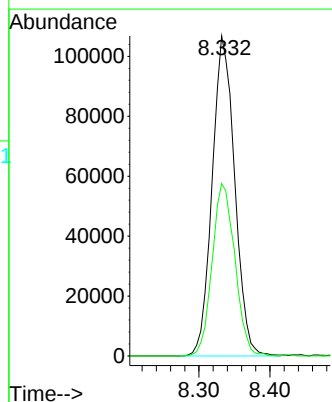
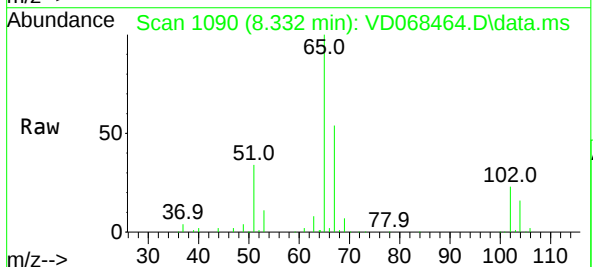
Instrument :
MSVOA_D
ClientSampleId :
SB-1

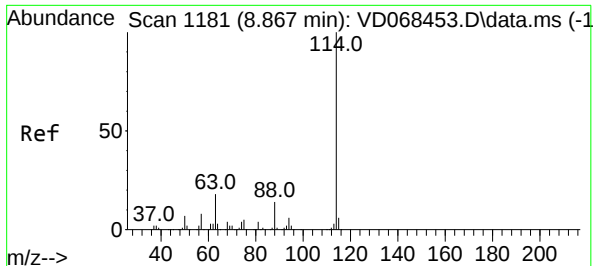
Tgt Ion: 56 Resp: 10614
Ion Ratio Lower Upper
56 100
69 136.5 30.1 45.1#
84 155.5 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 52.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 65 Resp: 235106
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0



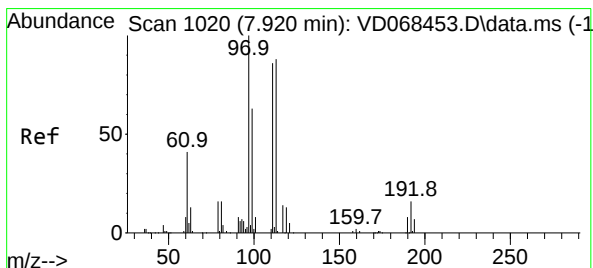
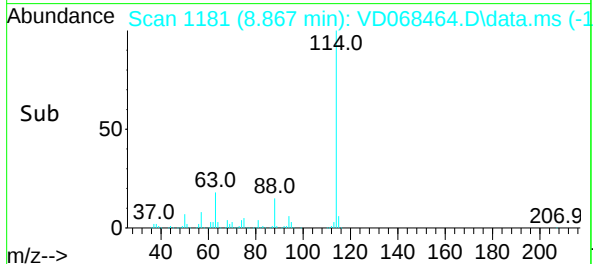
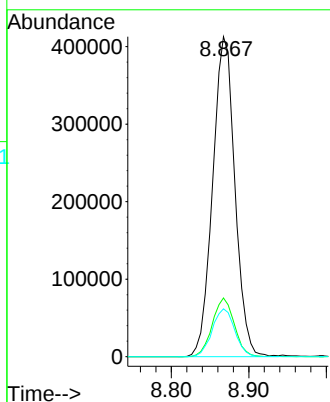
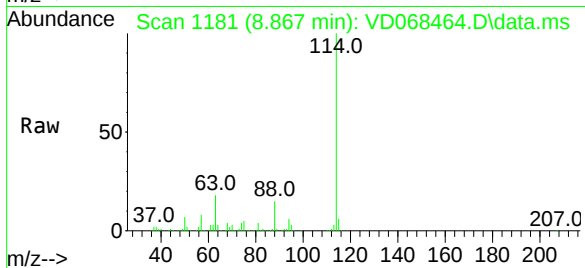


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Instrument :
MSVOA_D
ClientSampled :
SB-1

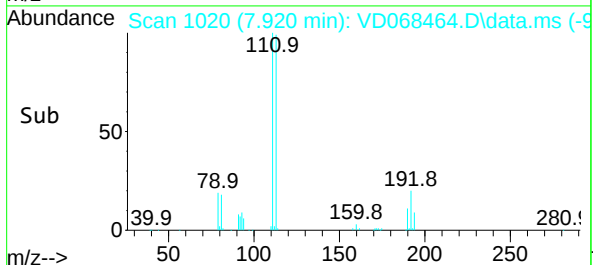
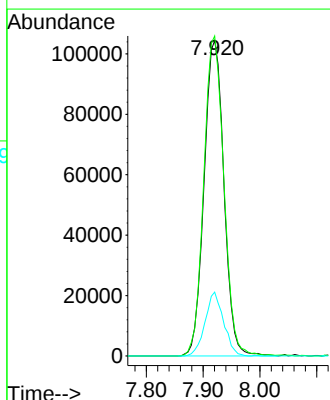
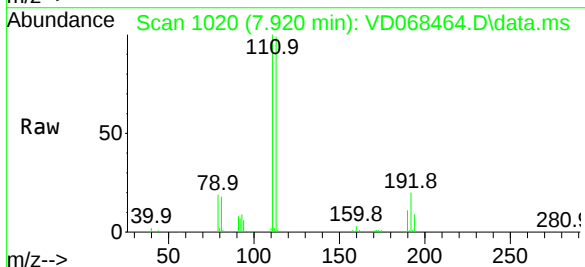
Tgt Ion:	114	Resp:	824806
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	34.8
88	15.0	0.0	31.6

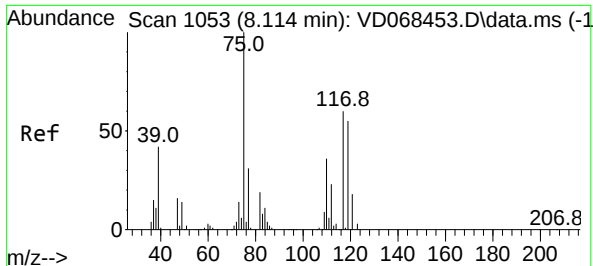


#35

Dibromofluoromethane
Concen: 50.86 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion:	113	Resp:	252704
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	18.9	16.1	24.1

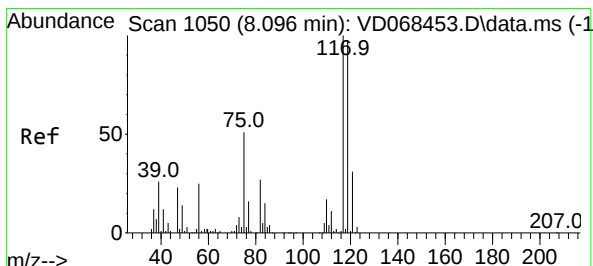
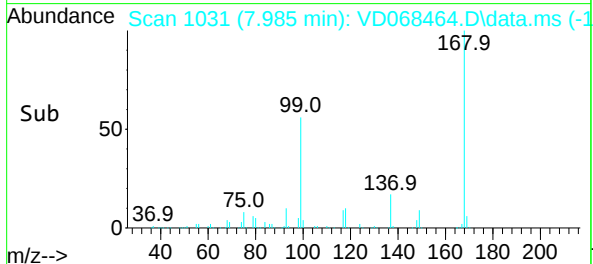
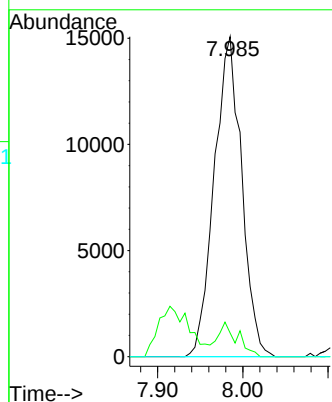
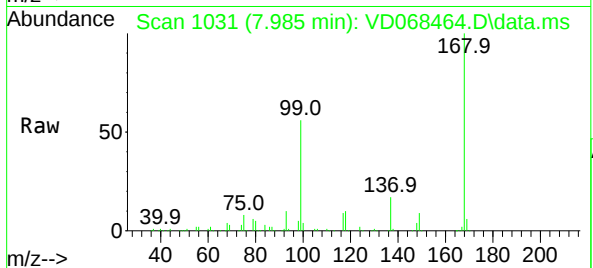




#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

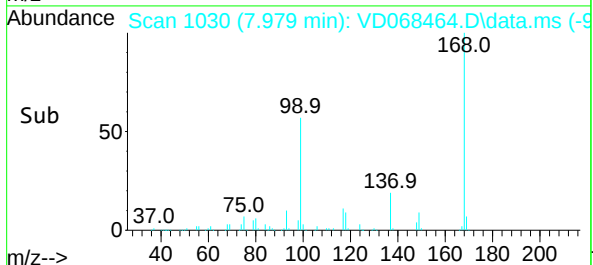
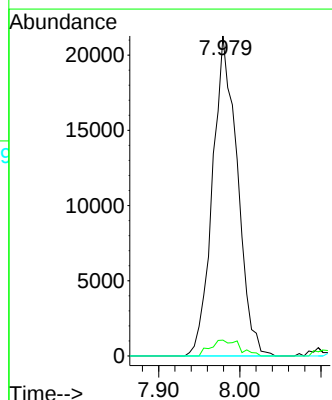
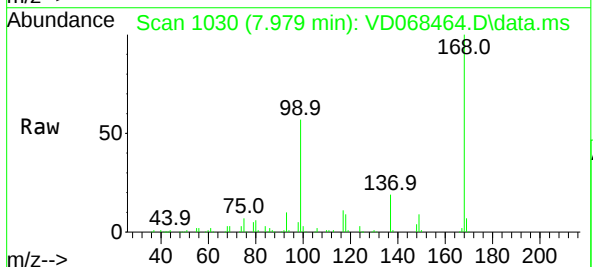
Instrument :
MSVOA_D
ClientSampled :
SB-1

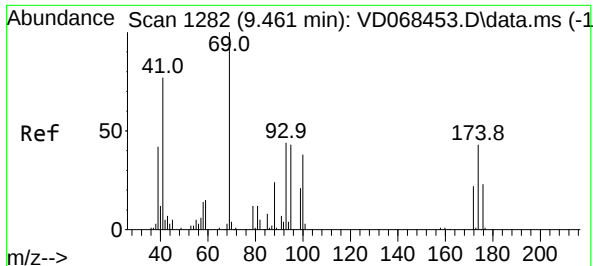
Tgt Ion: 75 Resp: 33572
Ion Ratio Lower Upper
75 100
110 7.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 117 Resp: 45218
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#

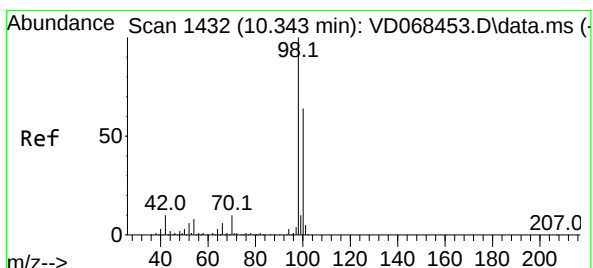
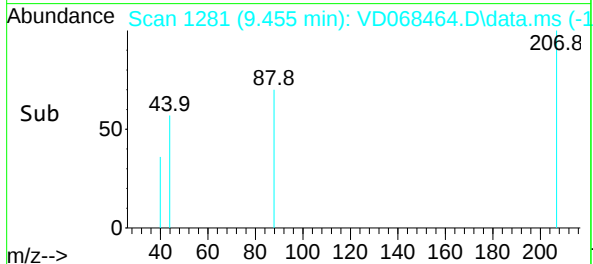
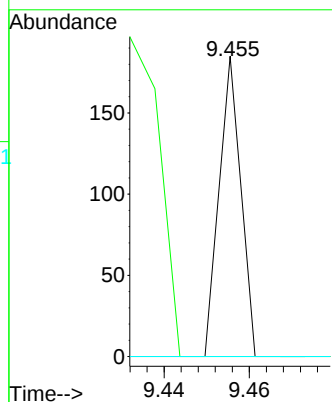
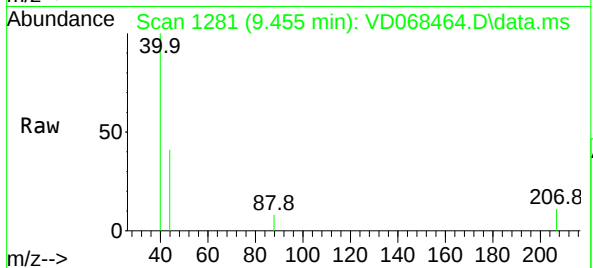




#49
1,4-Dioxane
Concen: 1.95 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.005 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

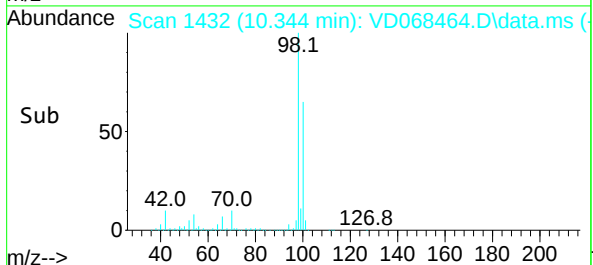
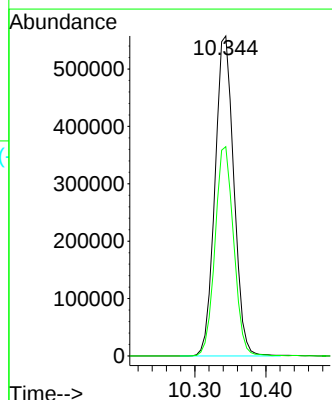
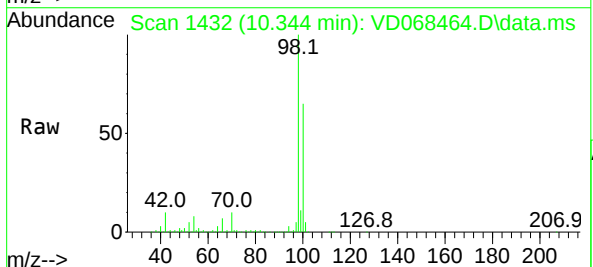
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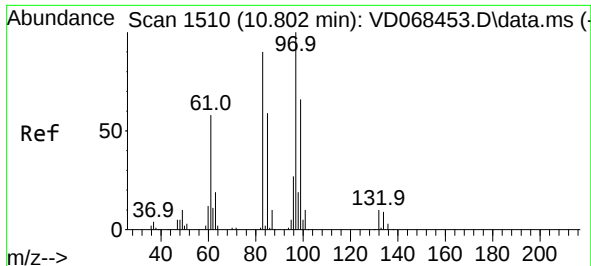
Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 51.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 98 Resp: 1025108
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

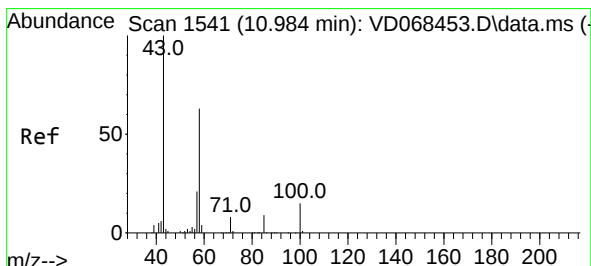
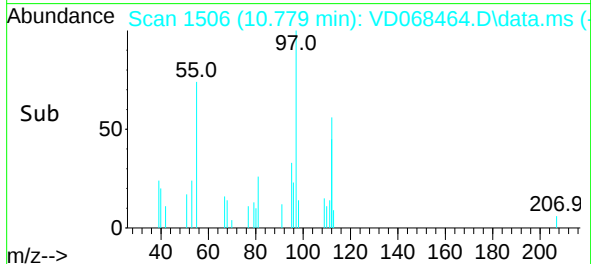
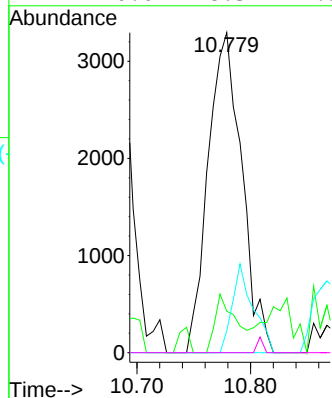
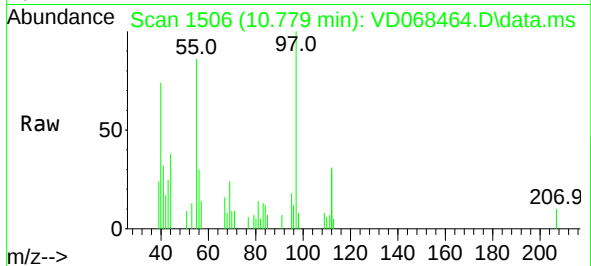




#55
1,1,2-Trichloroethane
Concen: 1.68 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.023 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

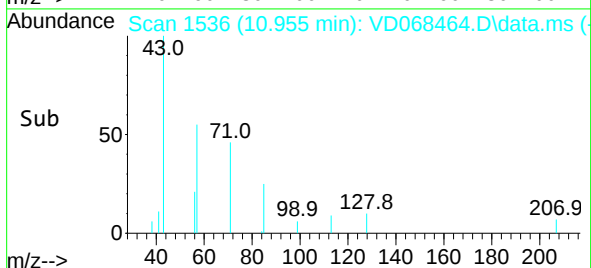
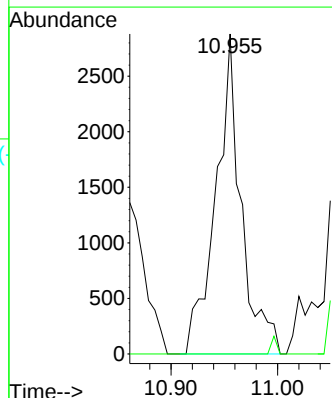
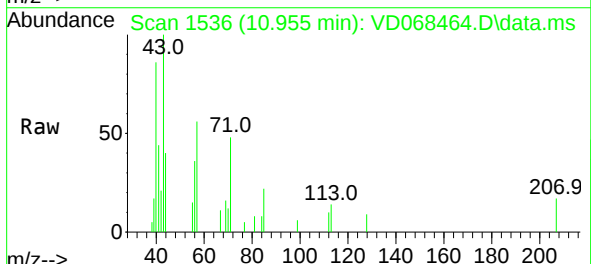
Instrument :
MSVOA_D
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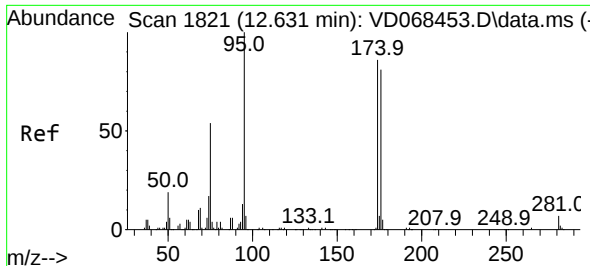
Tgt Ion:	97	Resp:	6782
Ion	Ratio	Lower	Upper
97	100		
83	6.6	61.8	92.6#
85	6.8	42.2	63.2#
99	0.0	48.3	72.5#



#59
2-Hexanone
Concen: 2.84 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion:	43	Resp:	4744
Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.0	93.0#

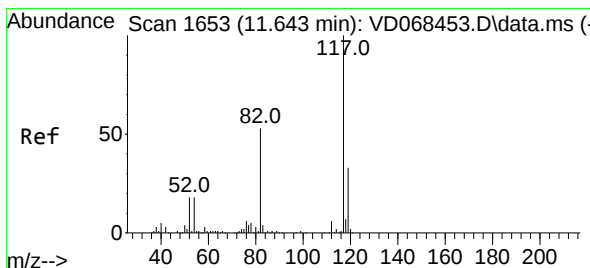
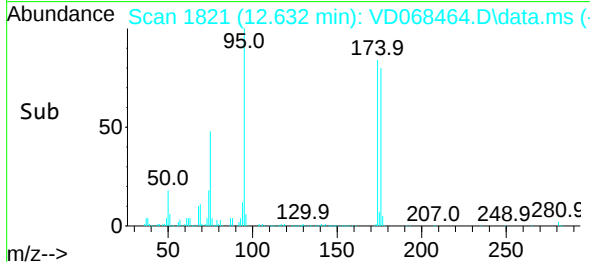
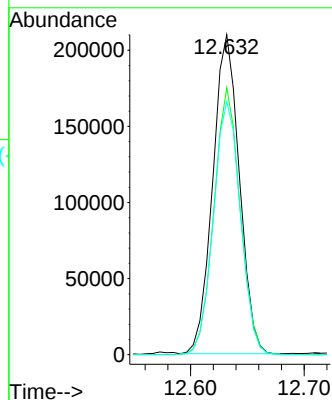
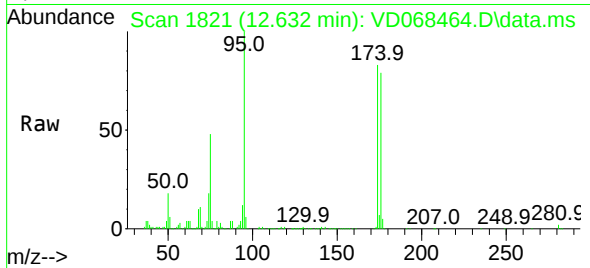




#62
4-Bromofluorobenzene
Concen: 53.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

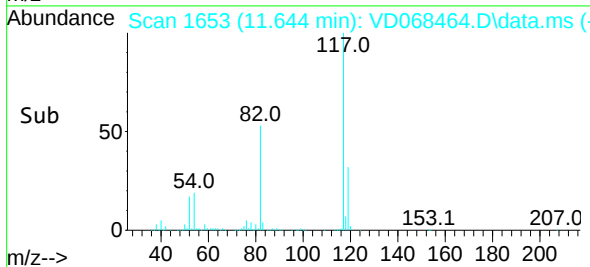
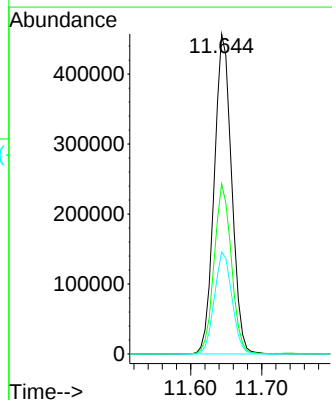
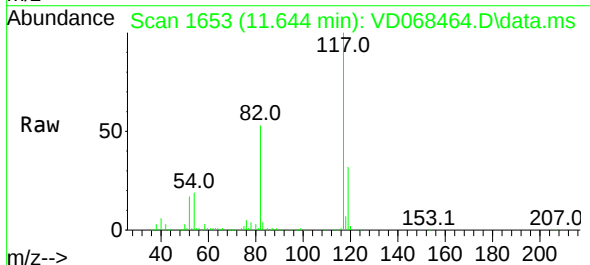
Instrument :
MSVOA_D
ClientSampled :
SB-1

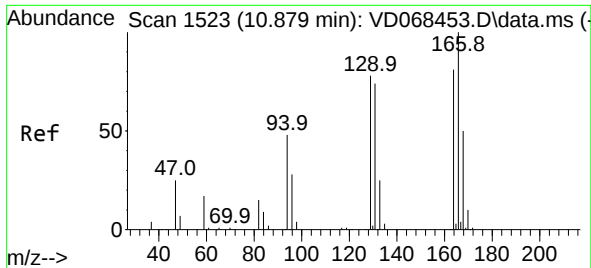
Tgt Ion: 95 Resp: 340879
Ion Ratio Lower Upper
95 100
174 82.4 0.0 172.4
176 80.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 117 Resp: 776724
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 31.9 26.1 39.1

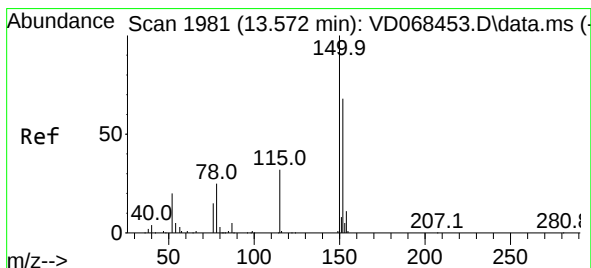
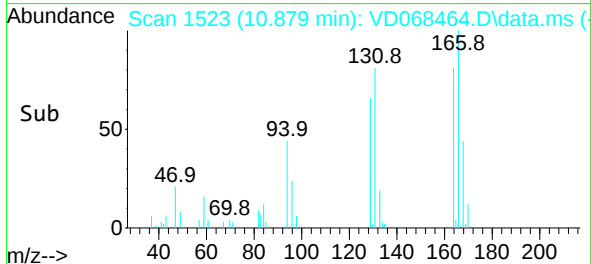
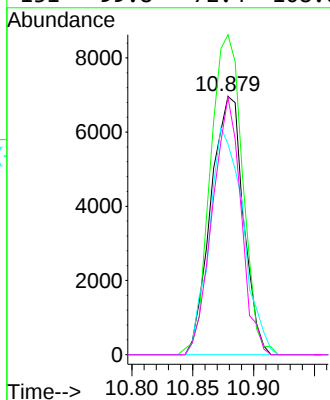
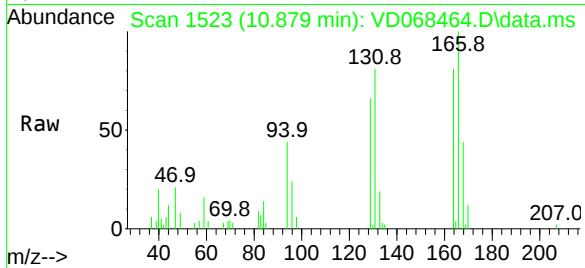




#64
Tetrachloroethene
Concen: 2.56 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

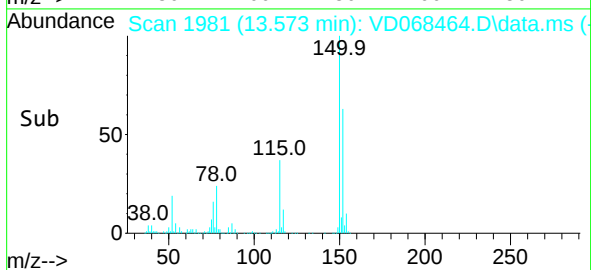
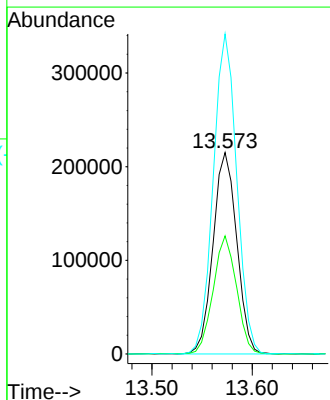
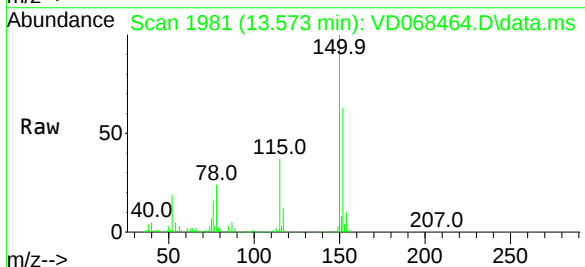
Instrument :
MSVOA_D
ClientSampled :
SB-1

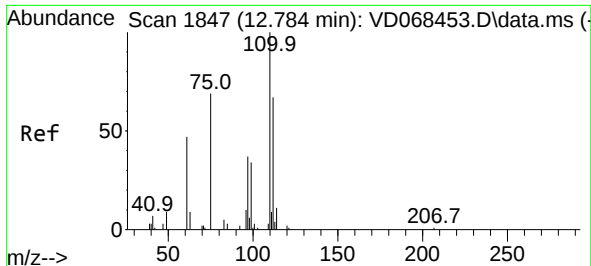
Tgt Ion:164	Resp:	12963
Ion Ratio	Lower	Upper
164	100	
166	123.9	105.5 158.3
129	81.6	75.6 113.4
131	99.8	72.4 108.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion:152	Resp:	353360
Ion Ratio	Lower	Upper
152	100	
115	57.7	28.9 86.8
150	157.6	0.0 344.4

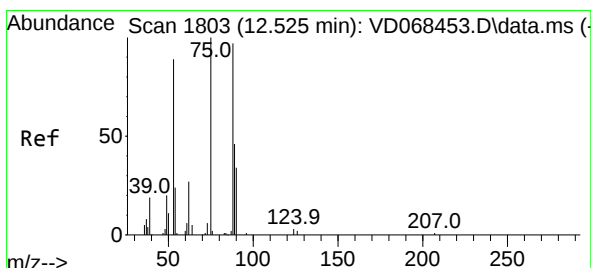
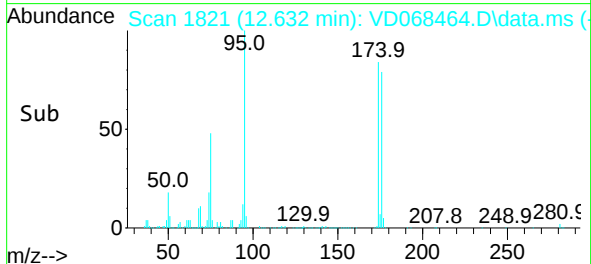
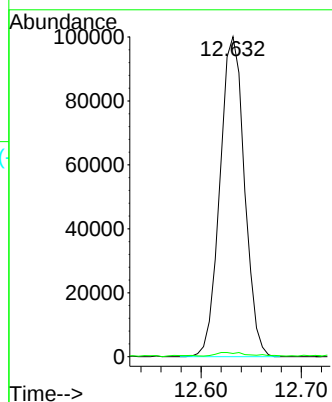
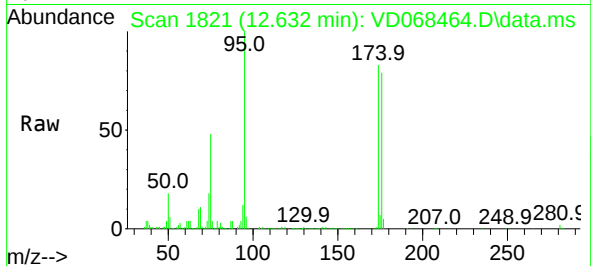




#76
1,2,3-Trichloropropane
Concen: 54.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

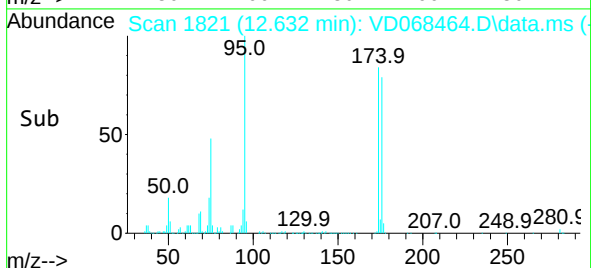
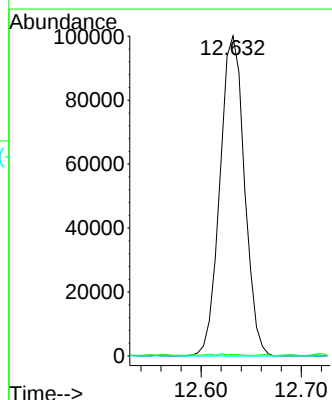
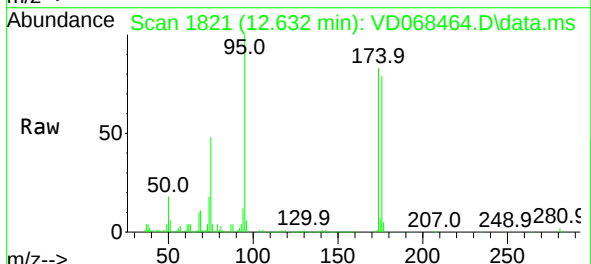
Instrument :
MSVOA_D
ClientSampleId :
SB-1

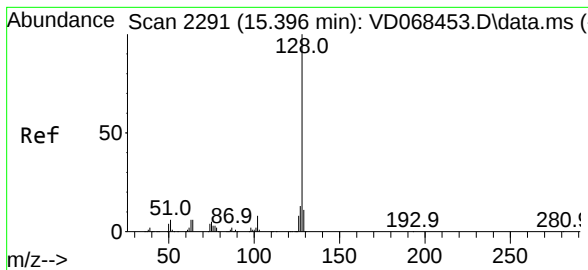
Tgt Ion: 75 Resp: 169675
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 75 Resp: 169675
Ion Ratio Lower Upper
75 100
53 0.2 70.2 105.2#
89 0.1 40.3 60.5#





#95
Naphthalene
Concen: 1.49 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion:	128	Resp:	20687
Ion Ratio	Lower	Upper	
128	100		
127	15.1	10.2	15.2
129	14.5	8.8	13.2#

