

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068075.D
 Acq On : 13 Jan 2021 17:29
 Operator : VA/SY
 Sample : M1075-03
 Misc : 3.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 7

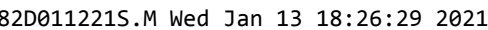
Quant Time: Jan 13 18:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

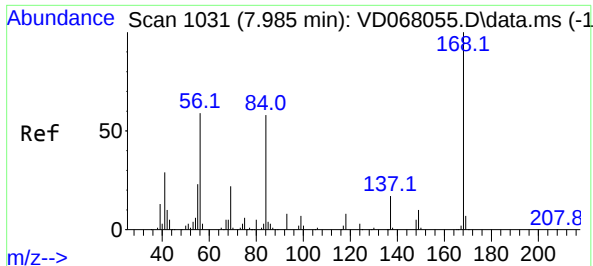
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	546033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	912491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	926464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	462268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	276236	59.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.00%
35) Dibromofluoromethane	7.920	113	288508	55.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.94%
50) Toluene-d8	10.344	98	1095352	57.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.28%
62) 4-Bromofluorobenzene	12.632	95	416813	62.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.14%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	3225	4.38	ug/l #	82
20) Methylene Chloride	4.967	84	11869	Below Cal	#	93
31) Cyclohexane	7.985	56	8924	1.15	ug/l #	15
36) 1,1-Dichloropropene	7.979	75	36446	4.54	ug/l #	48
38) Carbon Tetrachloride	7.985	117	50965	5.33	ug/l #	18
51) 4-Methyl-2-Pentanone	10.344	43	3312	1.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	198319	54.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	198319	121.49	ug/l #	14

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

Quant Time: Jan 13 18:26:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

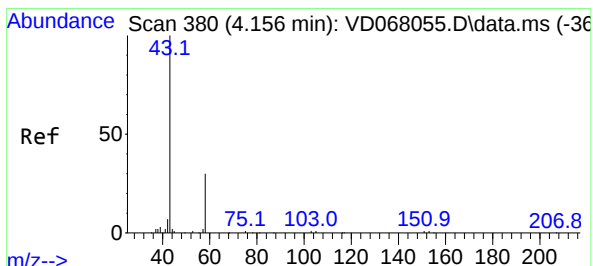
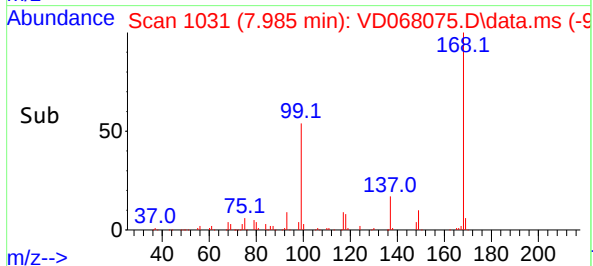
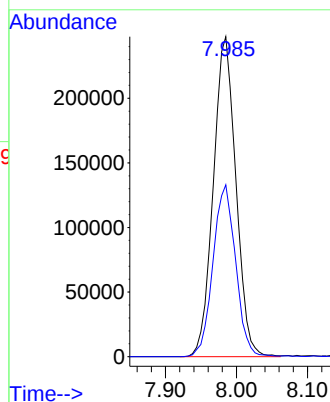
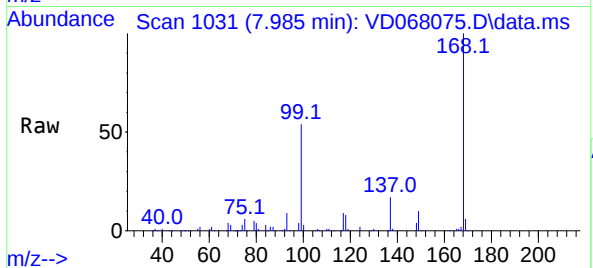




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

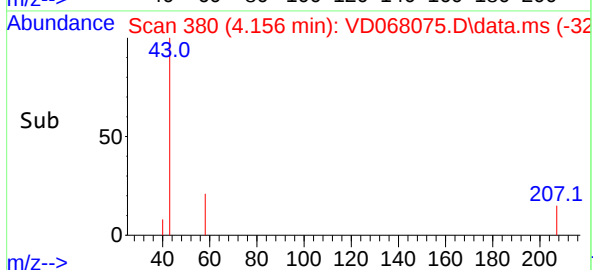
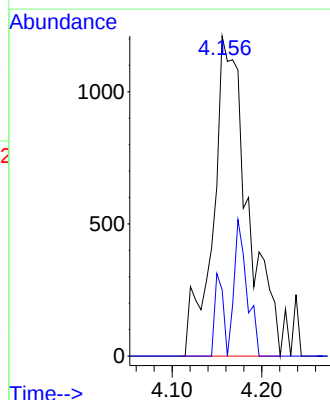
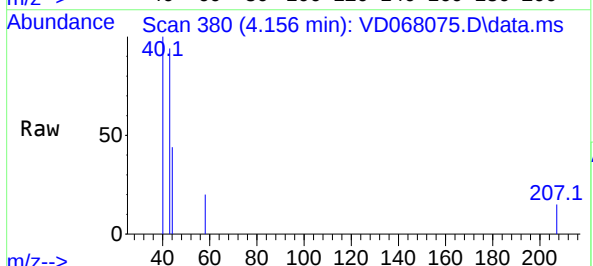
Instrument :
MSVOA_D
ClientSampleId :
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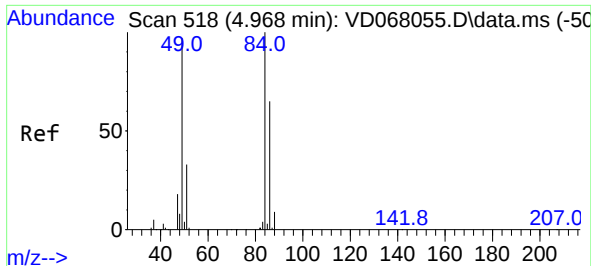
Tgt Ion:168 Resp: 546033
Ion Ratio Lower Upper
168 100
99 53.7 43.5 65.3



#16
Acetone
Concen: 4.38 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

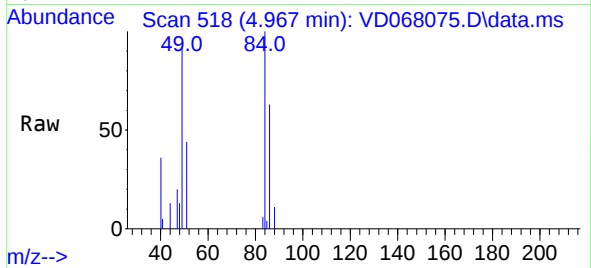
Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 20.7 24.2 36.4#





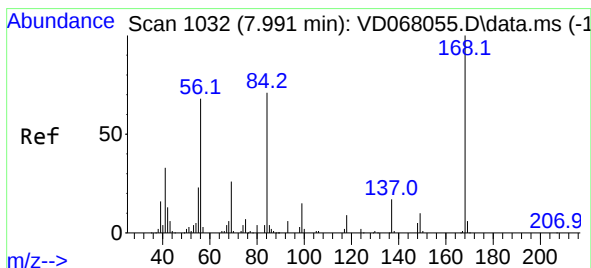
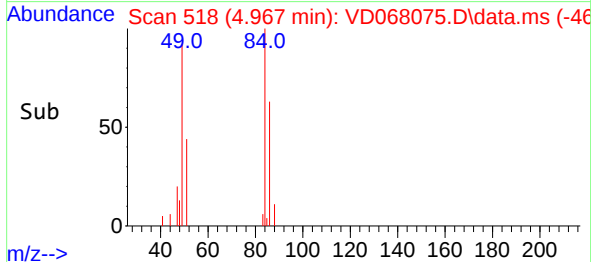
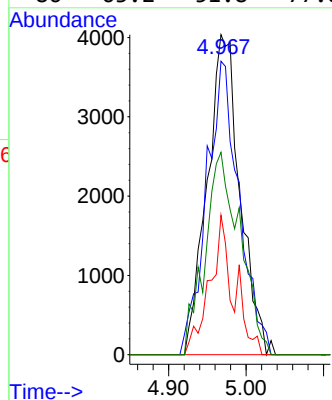
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
7

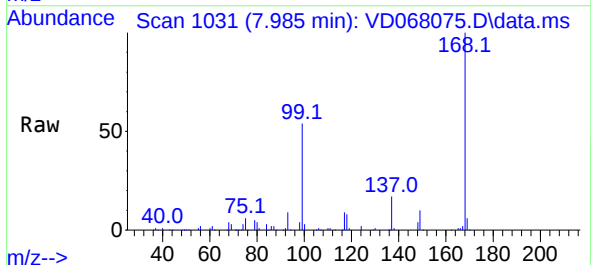


Tgt Ion: 84 Resp: 11869

Ion	Ratio	Lower	Upper
84	100		
49	91.7	77.4	116.2
51	43.6	26.1	39.1#
86	63.2	51.8	77.8

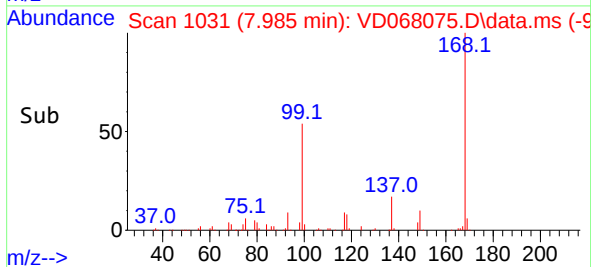
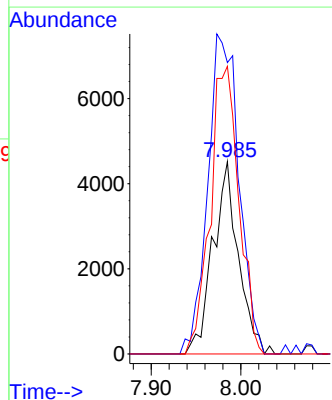


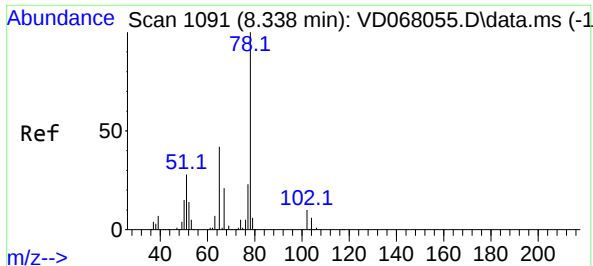
#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29



Tgt Ion: 56 Resp: 8924

Ion	Ratio	Lower	Upper
56	100		
69	151.5	30.1	45.1#
84	149.6	82.1	123.1#

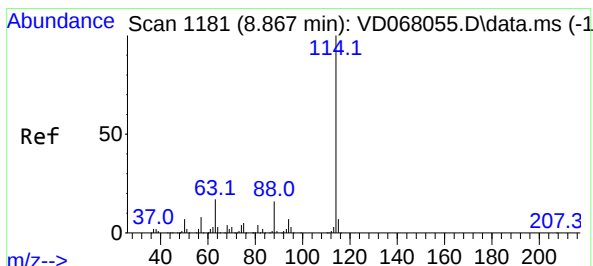
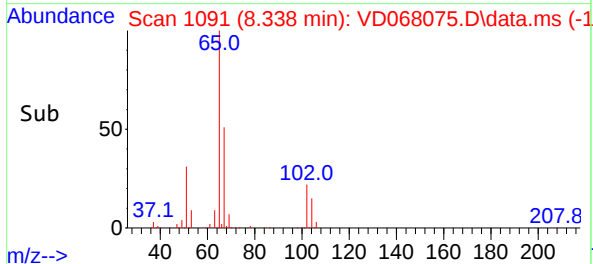
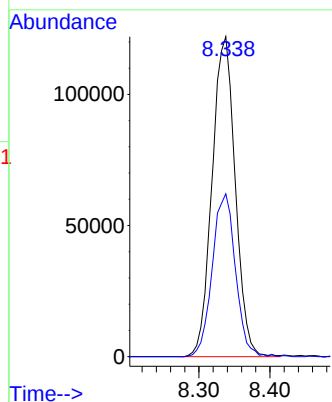
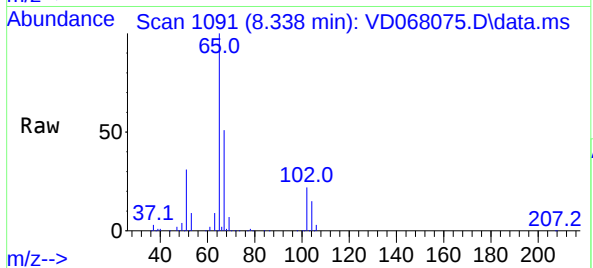




#33
1,2-Dichloroethane-d4
Concen: 59.50 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

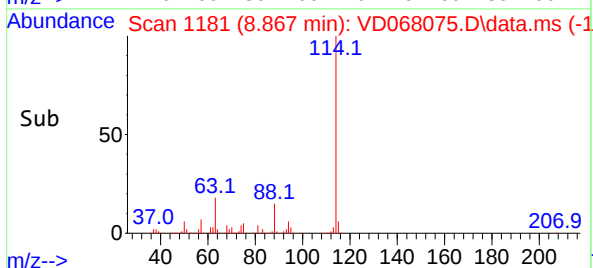
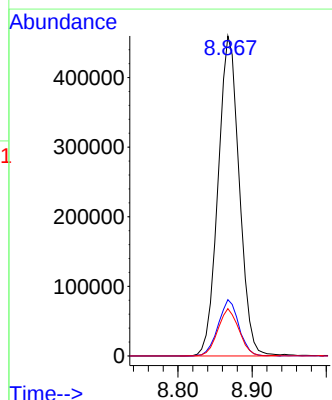
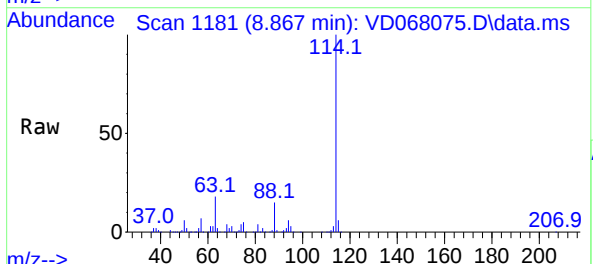
Instrument :
MSVOA_D
ClientSampled :
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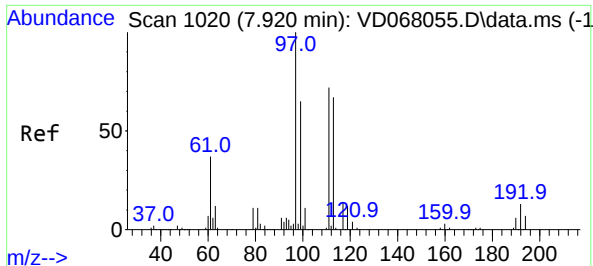
Tgt Ion: 65 Resp: 276236
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Tgt Ion: 114 Resp: 912491
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.8
88 14.8 0.0 31.6



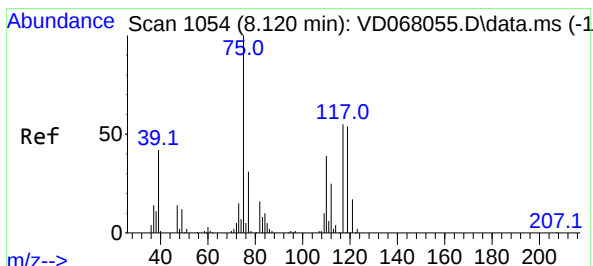
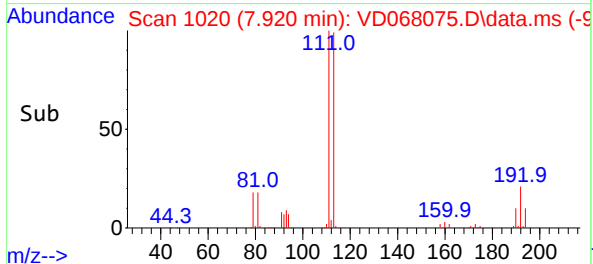
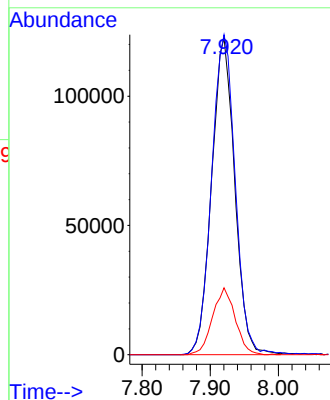
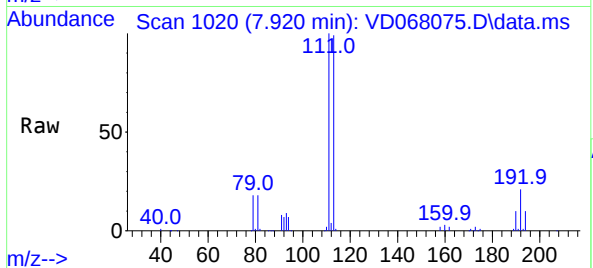


#35

Dibromofluoromethane
Concen: 55.47 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Instrument :
MSVOA_D
ClientSampled :
7

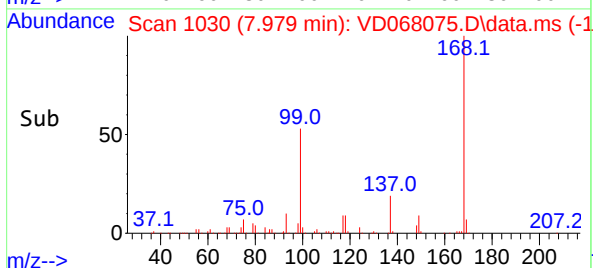
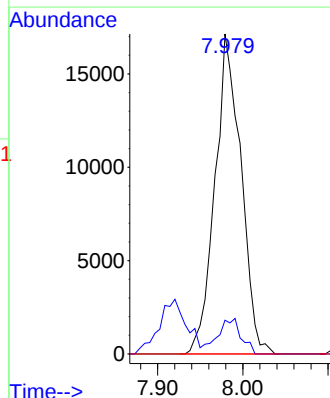
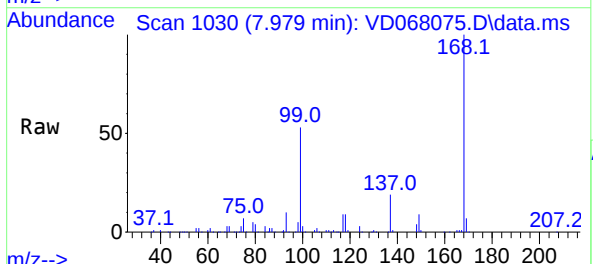
Tgt Ion:113 Resp: 288508
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 20.7 16.1 24.1

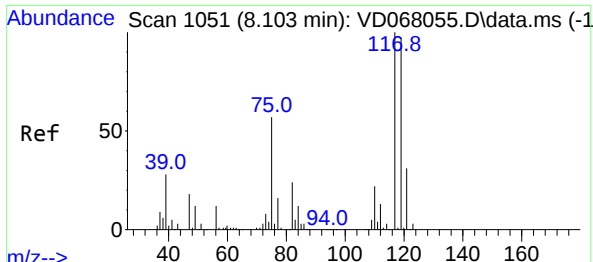


#36

1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

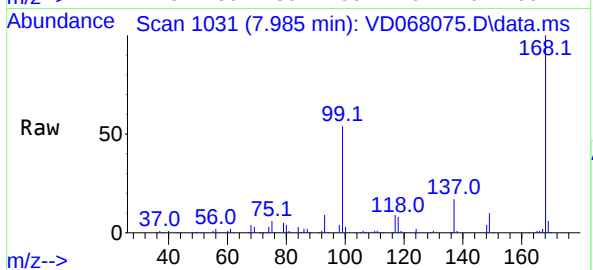
Tgt Ion: 75 Resp: 36446
Ion Ratio Lower Upper
75 100
110 9.6 19.4 58.2#
77 0.0 25.3 37.9#



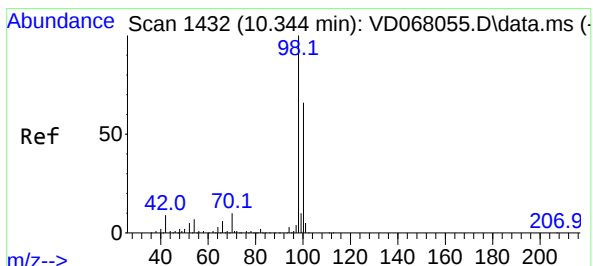
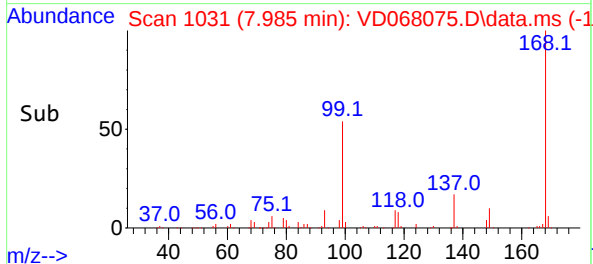
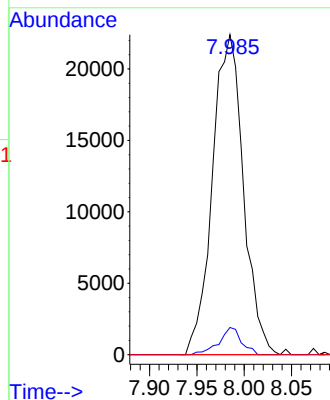


#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
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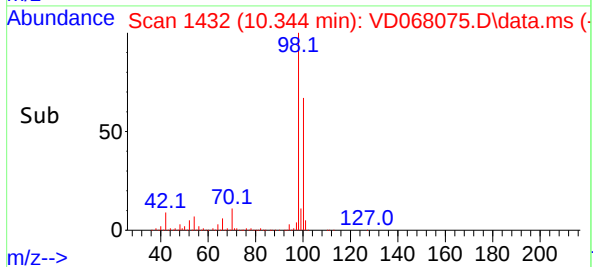
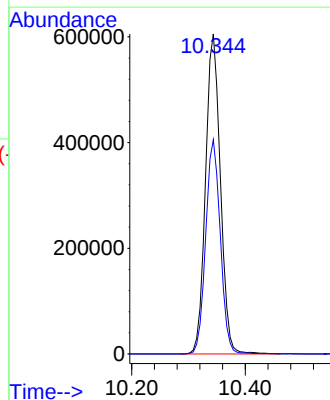
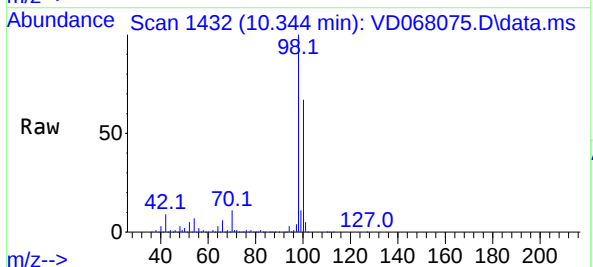


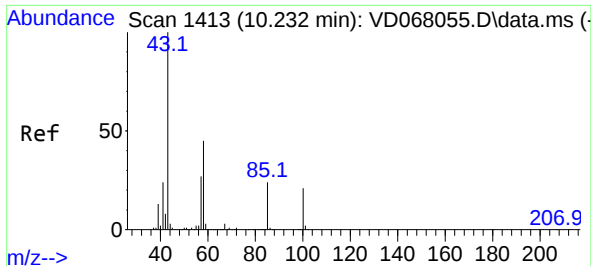
Tgt Ion:117 Resp: 50965
Ion Ratio Lower Upper
117 100
119 8.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 57.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Tgt Ion: 98 Resp: 1095352
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

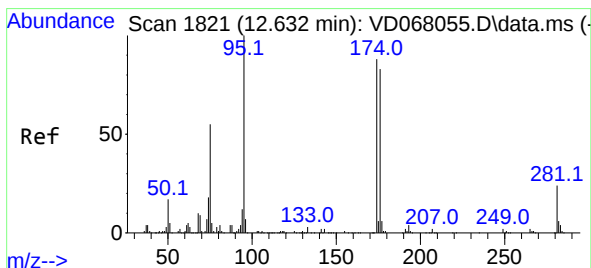
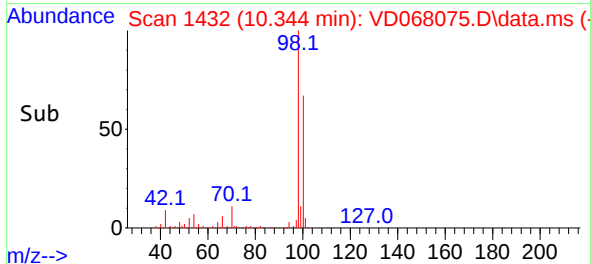
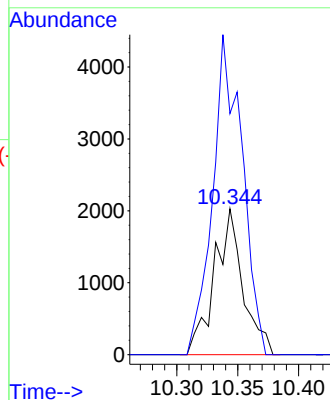
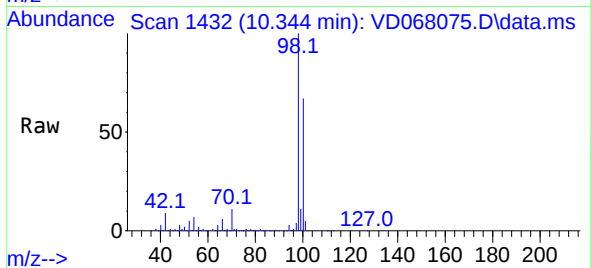




#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

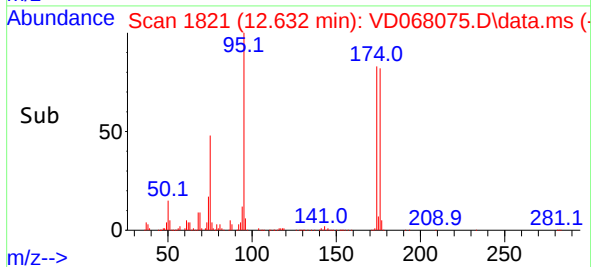
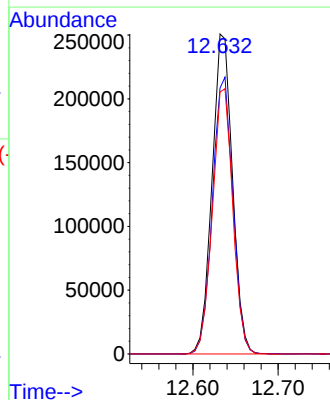
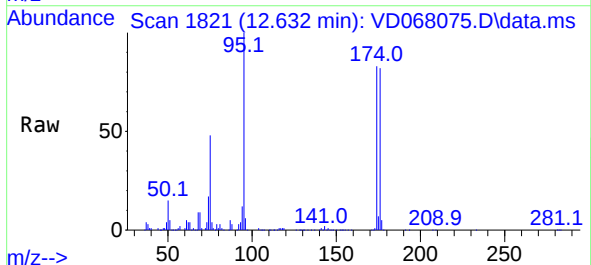
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ClientSampled :
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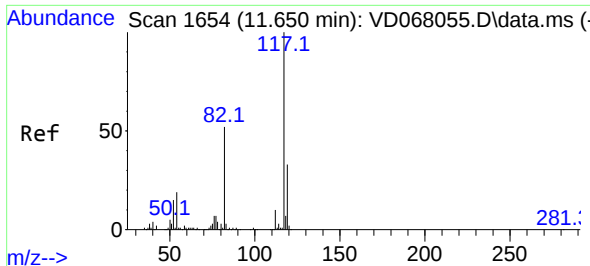
Tgt Ion: 43 Resp: 3312
Ion Ratio Lower Upper
43 100
58 226.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 62.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Tgt Ion: 95 Resp: 416813
Ion Ratio Lower Upper
95 100
174 86.9 0.0 172.4
176 83.0 0.0 168.4

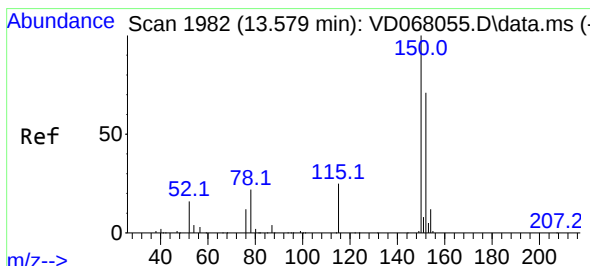
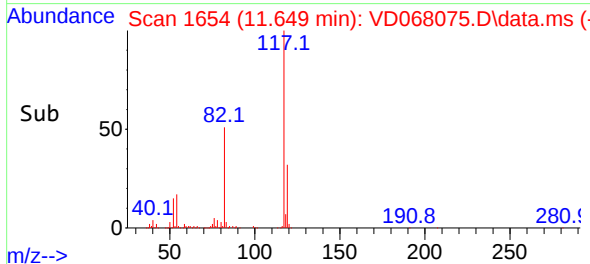
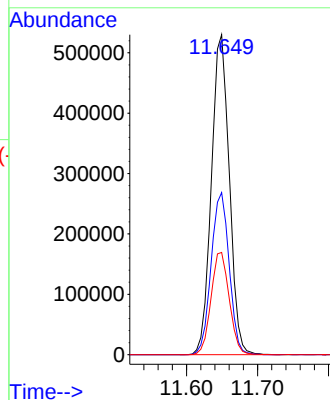
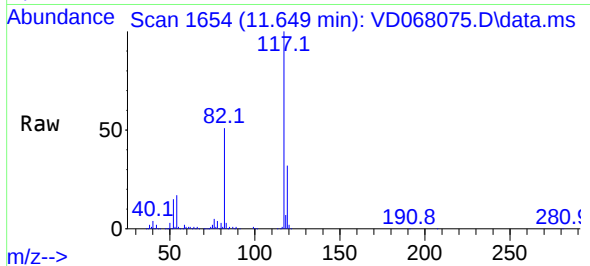




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

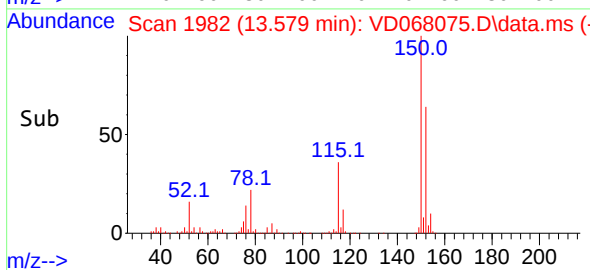
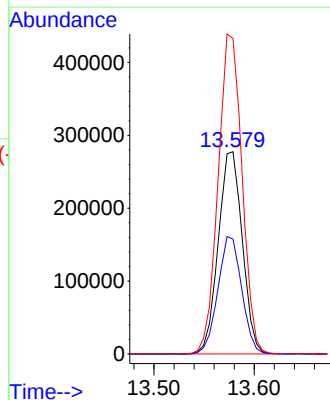
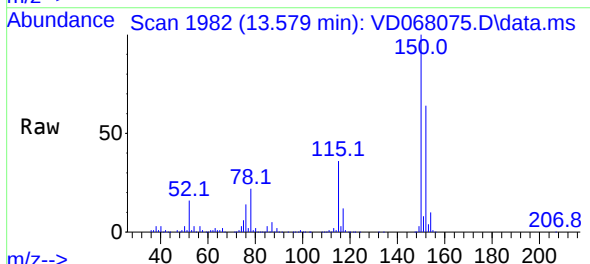
Instrument :
MSVOA_D
ClientSampleId :
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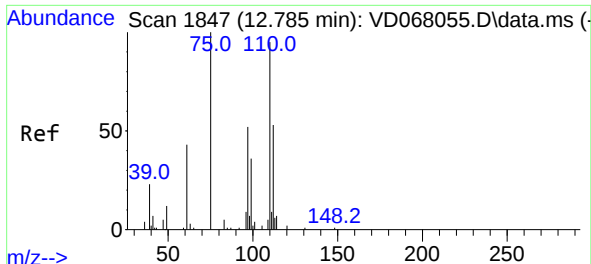
Tgt Ion:	117	Resp:	926464
Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.4	62.0
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Tgt Ion:	152	Resp:	462268
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.9	86.8
150	157.3	0.0	344.4

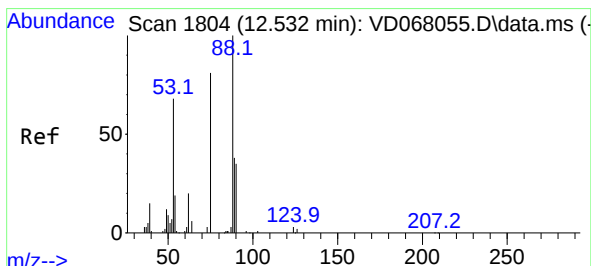
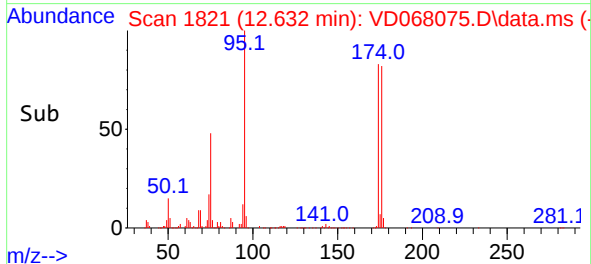
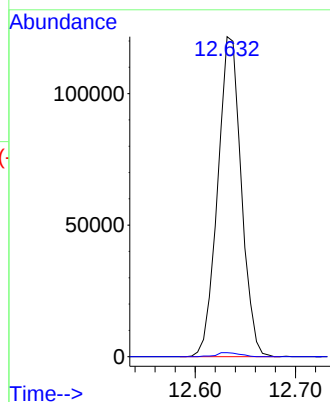
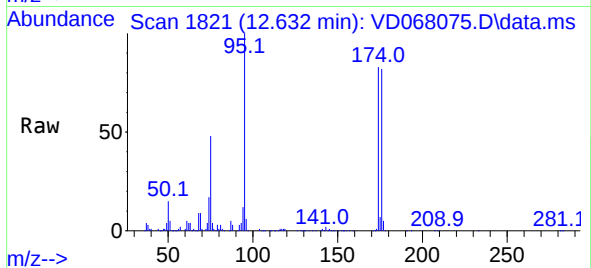




#76
1,2,3-Trichloropropane
Concen: 54.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Instrument :
MSVOA_D
ClientSampled :
7

Tgt Ion: 75 Resp: 198319
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.100 min
Lab File: VD068075.D
Acq: 13 Jan 2021 17:29

Tgt Ion: 75 Resp: 198319
Ion Ratio Lower Upper
75 100
53 0.2 70.2 105.2#
89 0.0 40.3 60.5#

