

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068073.D
 Acq On : 13 Jan 2021 16:07
 Operator : VA/SY
 Sample : M1123-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 355

Quant Time: Jan 13 17:24:49 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)

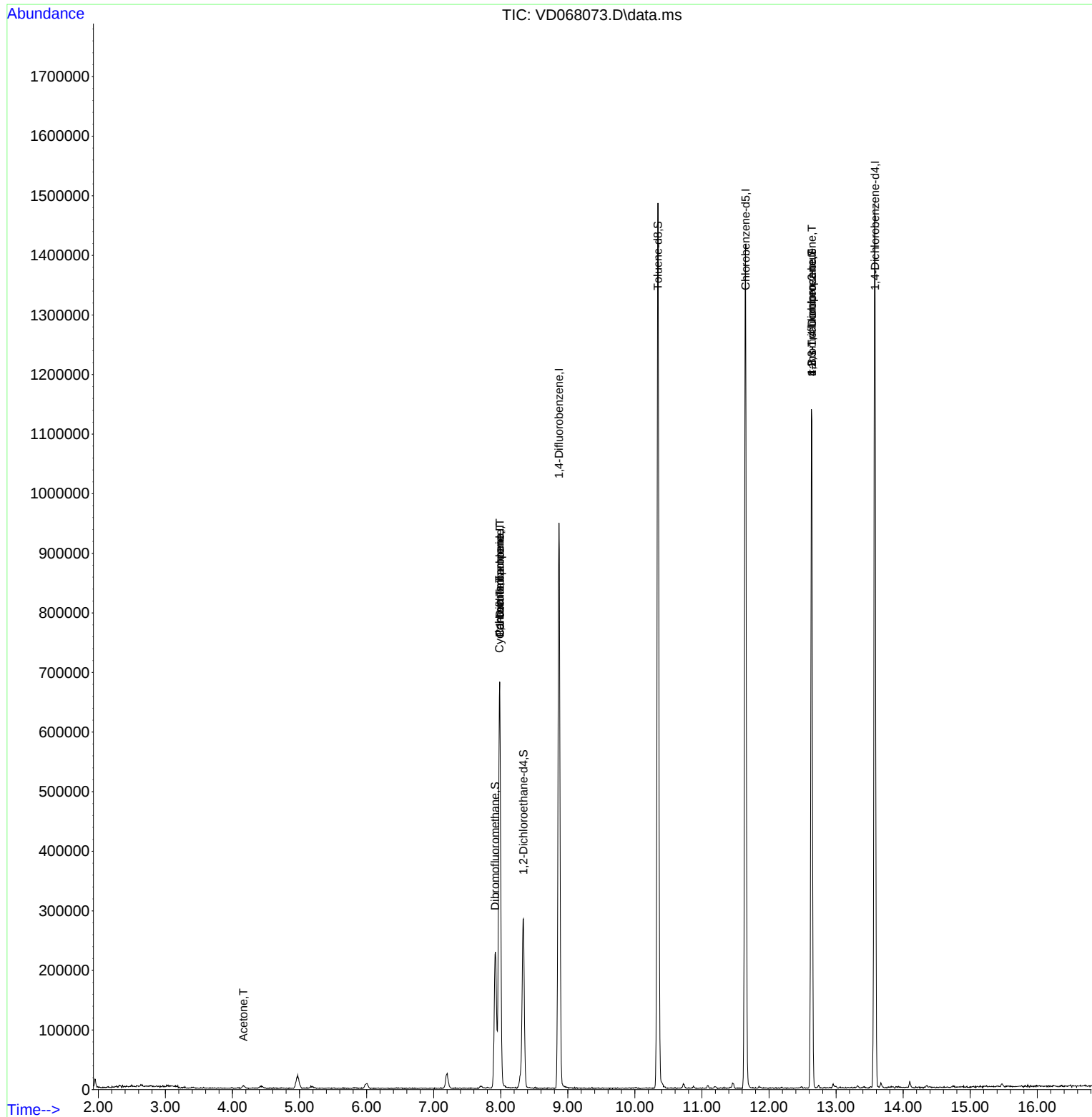
Internal Standards						
1) Pentafluorobenzene	7.985	168	527074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	893120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	888623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	433600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	239758	53.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.00%
35) Dibromofluoromethane	7.914	113	171674	33.72	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.44%
50) Toluene-d8	10.344	98	1056794	56.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.66%
62) 4-Bromofluorobenzene	12.638	95	376216	57.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.48%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.168	59	978	Below Cal	#	74
16) Acetone	4.162	43	8139	11.46	ug/l #	63
20) Methylene Chloride	4.968	84	19080	Below Cal	#	70
31) Cyclohexane	7.979	56	9931	1.33	ug/l #	4
36) 1,1-Dichloropropene	7.985	75	36456	4.64	ug/l #	48
38) Carbon Tetrachloride	7.985	117	52619	5.62	ug/l #	16
76) 1,2,3-Trichloropropane	12.638	75	185359	53.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.638	75	185359	121.06	ug/l #	14

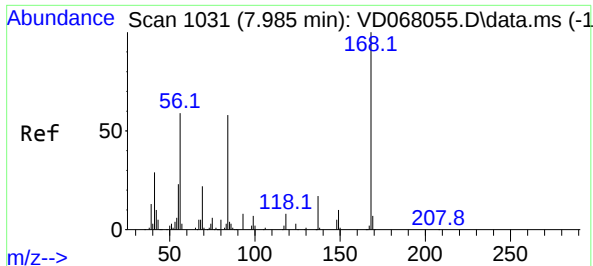
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
Data File : VD068073.D
Acq On : 13 Jan 2021 16:07
Operator : VA/SY
Sample : M1123-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
355

Quant Time: Jan 13 17:24:49 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

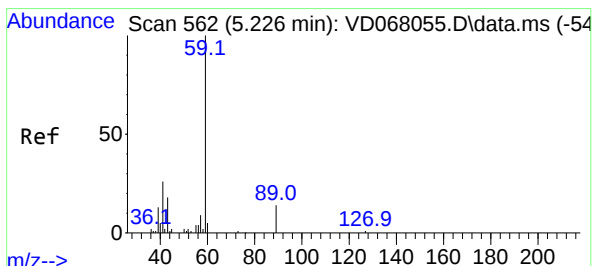
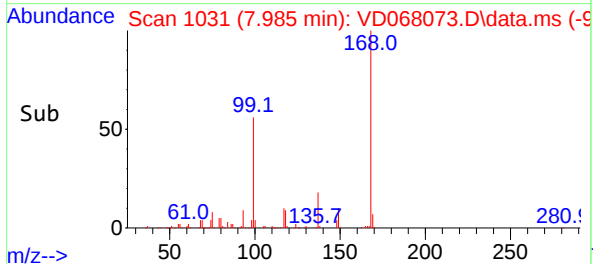
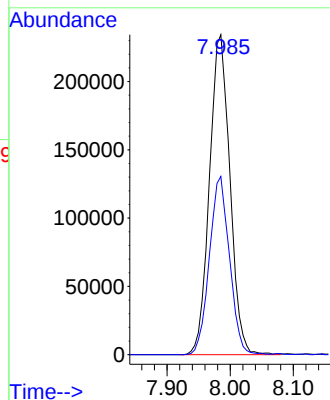
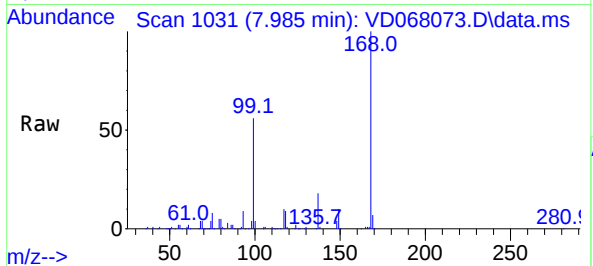




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

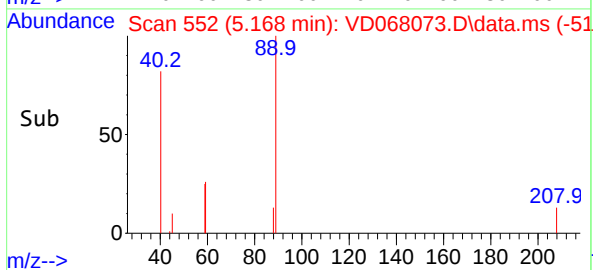
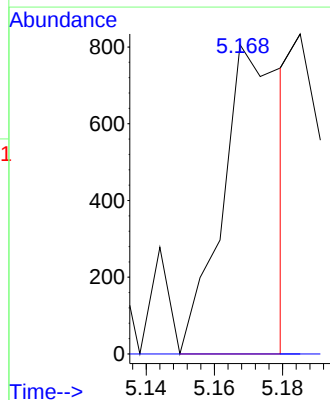
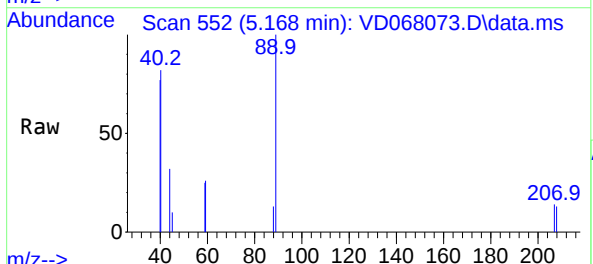
Instrument :
MSVOA_D
ClientSampled :
355

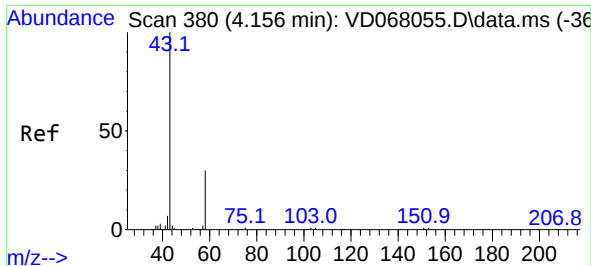
Tgt Ion:168 Resp: 527074
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.168 min Scan# 552
Delta R.T. -0.058 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion: 59 Resp: 978
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

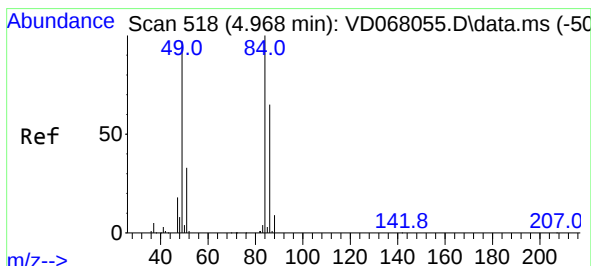
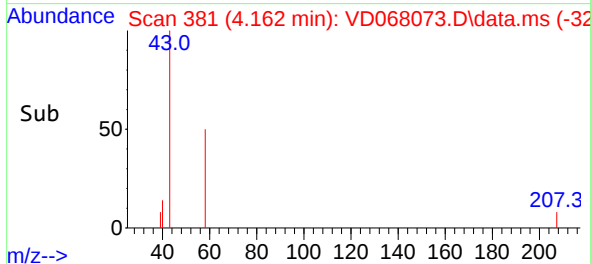
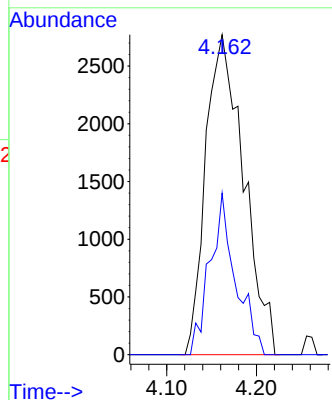
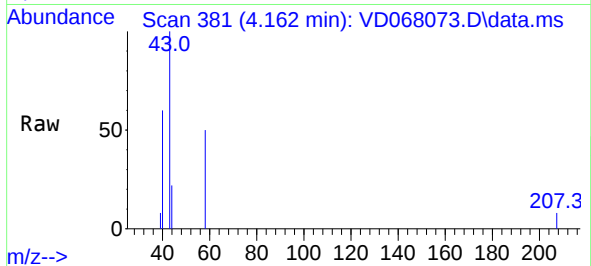




#16
Acetone
Concen: 11.46 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

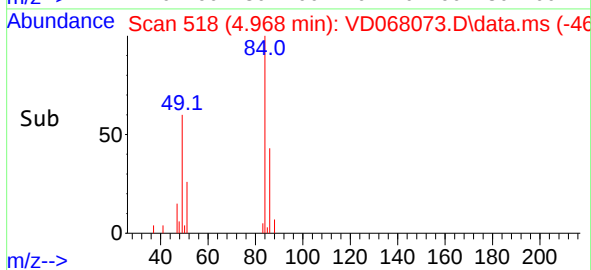
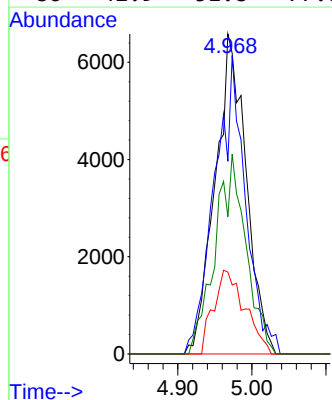
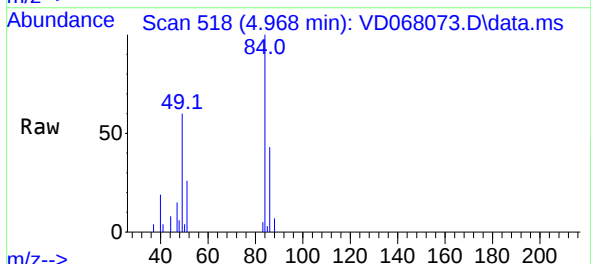
Instrument :
MSVOA_D
ClientSampled :
355

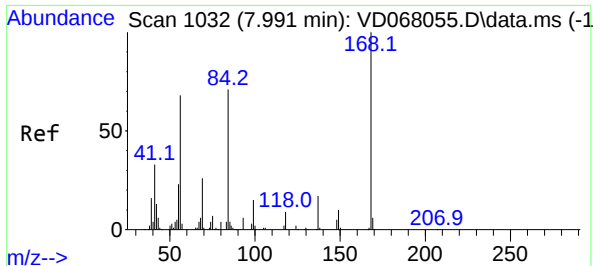
Tgt Ion: 43 Resp: 8139
Ion Ratio Lower Upper
43 100
58 50.4 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion: 84 Resp: 19080
Ion Ratio Lower Upper
84 100
49 60.2 77.4 116.2#
51 25.6 26.1 39.1#
86 42.9 51.8 77.8#

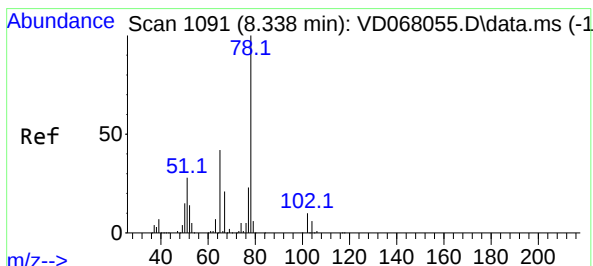
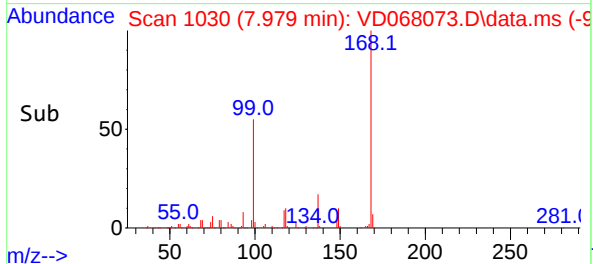
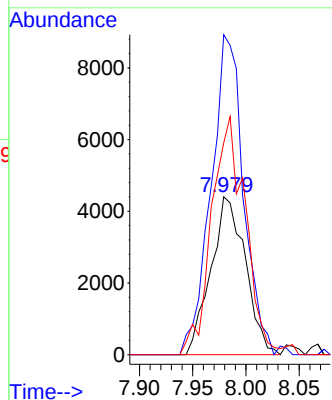
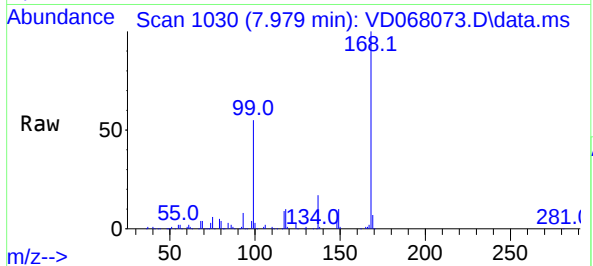




#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

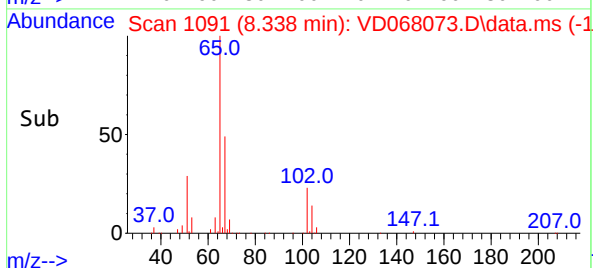
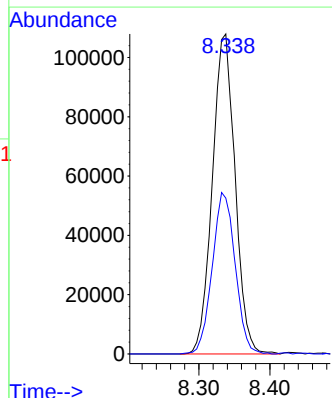
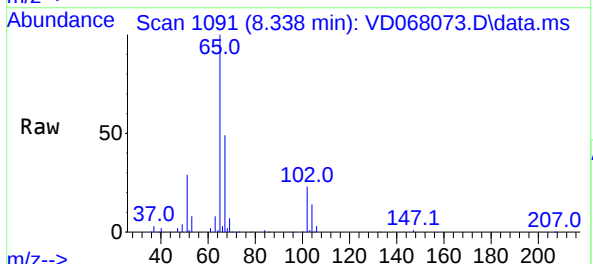
Instrument :
MSVOA_D
ClientSampled :
355

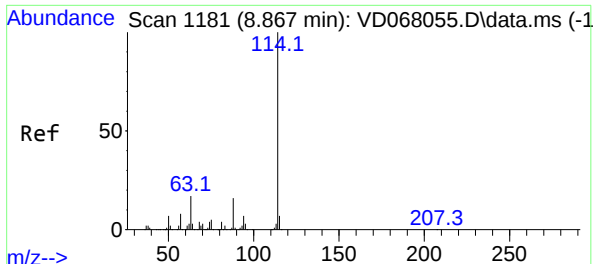
Tgt Ion: 56 Resp: 9931
Ion Ratio Lower Upper
56 100
69 202.7 30.1 45.1#
84 134.0 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 53.50 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion: 65 Resp: 239758
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0



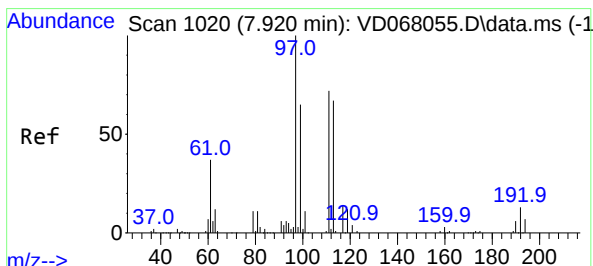
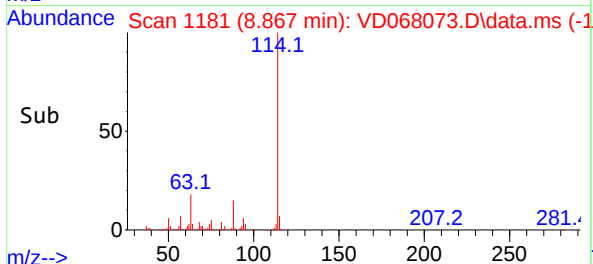
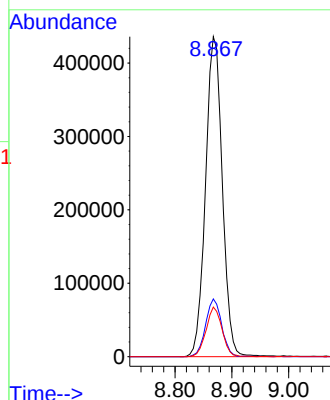
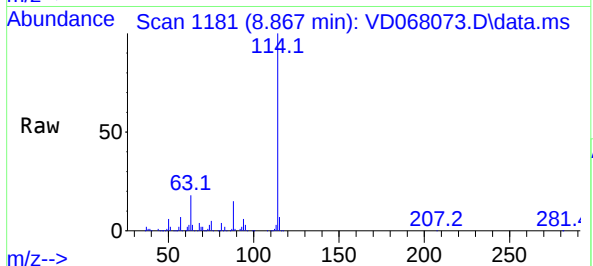


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
355

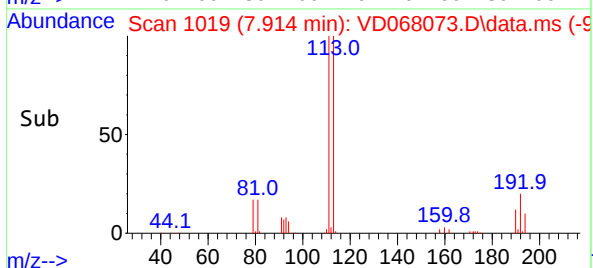
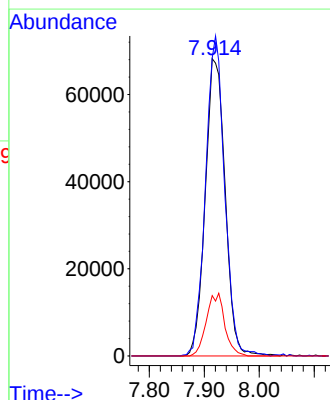
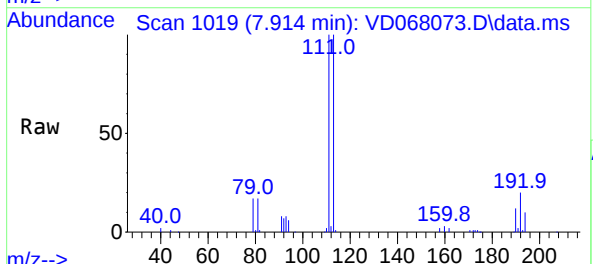
Tgt Ion:	114	Resp:	893120
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.8
88	15.5	0.0	31.6

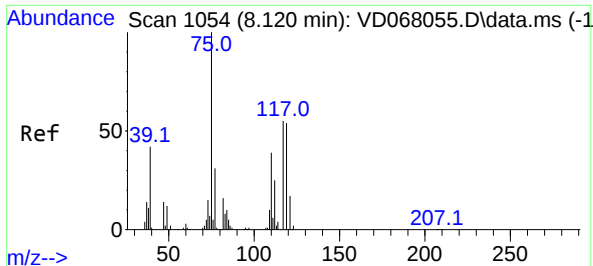


#35

Dibromofluoromethane
Concen: 33.72 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion:	113	Resp:	171674
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	19.4	16.1	24.1

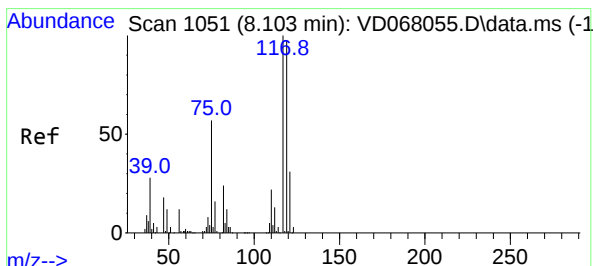
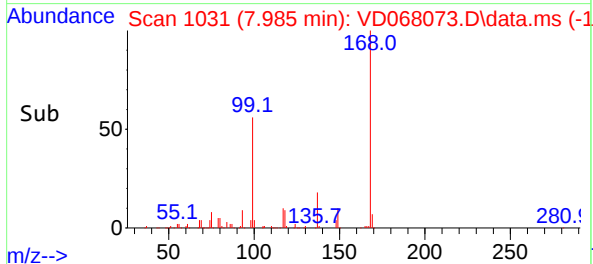
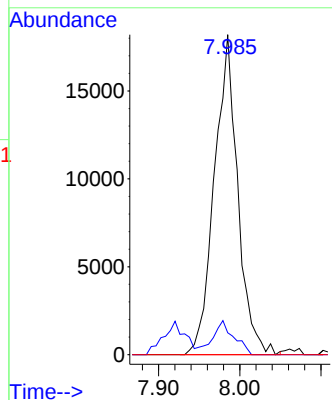
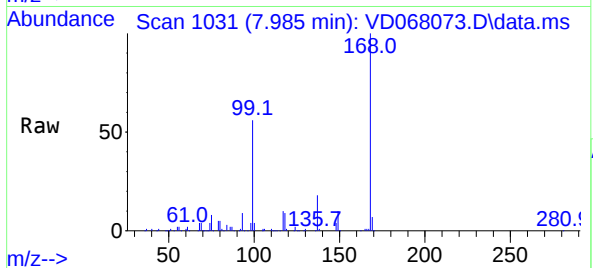




#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

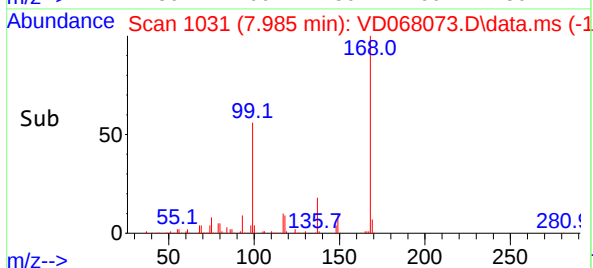
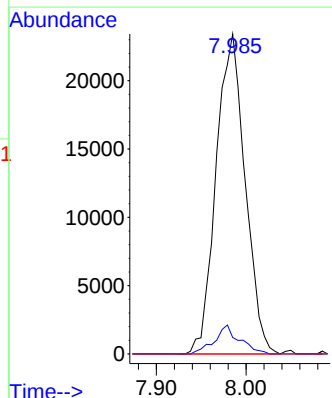
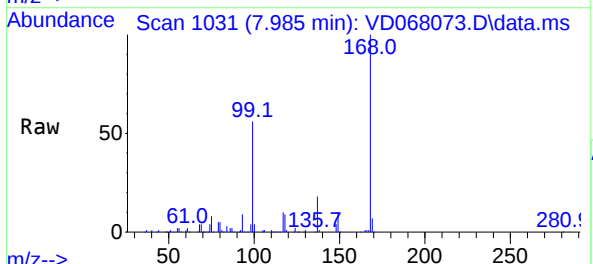
Instrument :
MSVOA_D
ClientSampled :
355

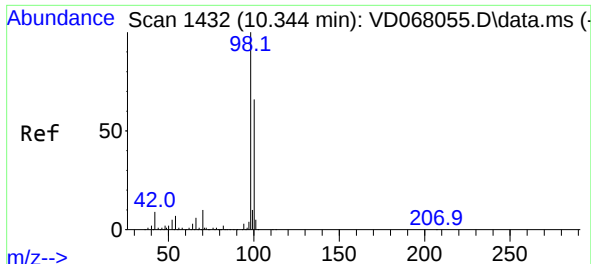
Tgt Ion: 75 Resp: 36456
Ion Ratio Lower Upper
75 100
110 9.5 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion: 117 Resp: 52619
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.7 37.1#

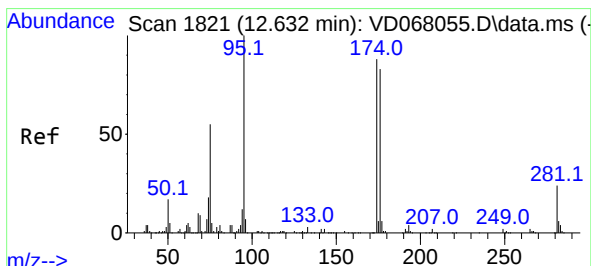
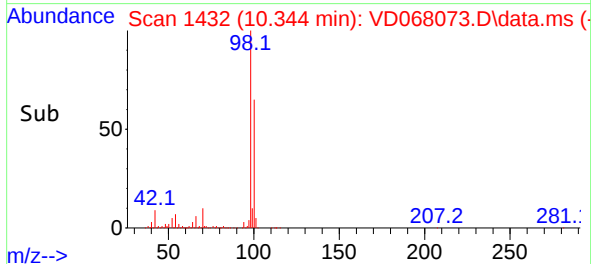
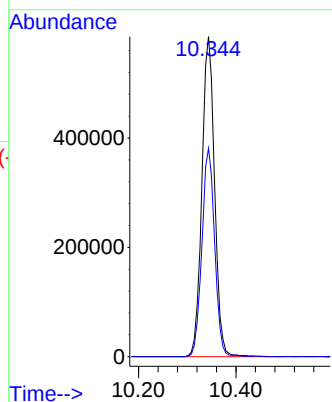
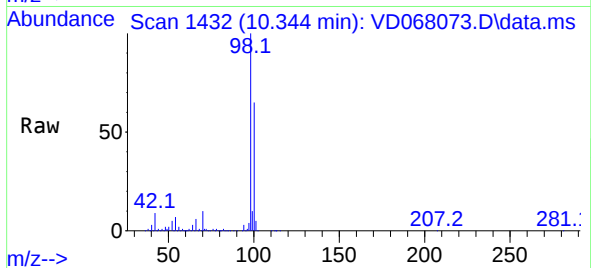




#50
Toluene-d8
Concen: 56.33 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

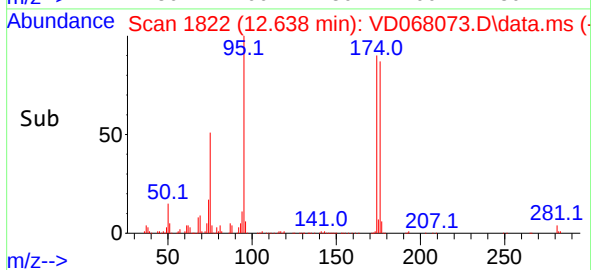
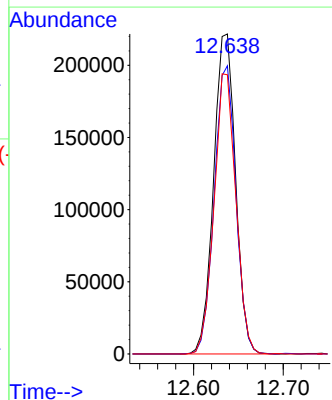
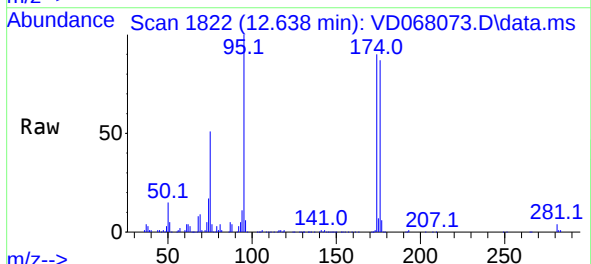
Instrument :
MSVOA_D
ClientSampled :
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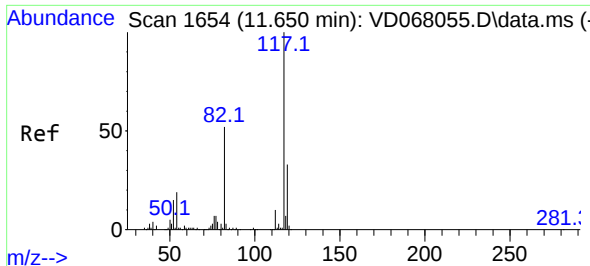
Tgt Ion: 98 Resp: 1056794
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.24 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion: 95 Resp: 376216
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.4
176 87.0 0.0 168.4

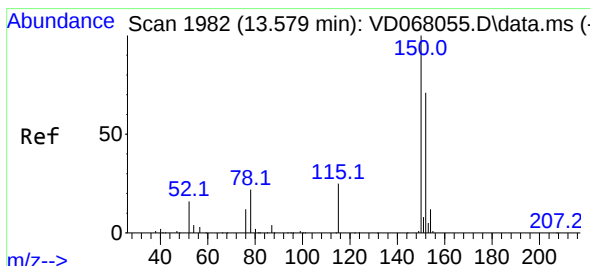
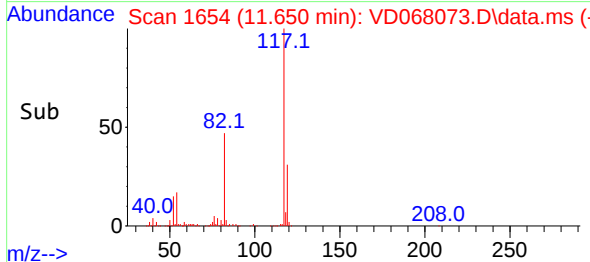
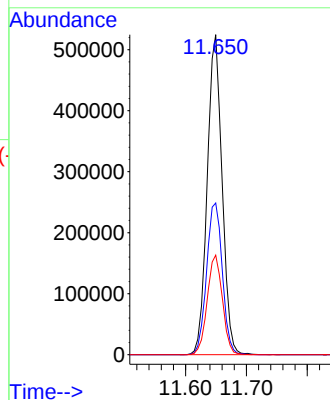
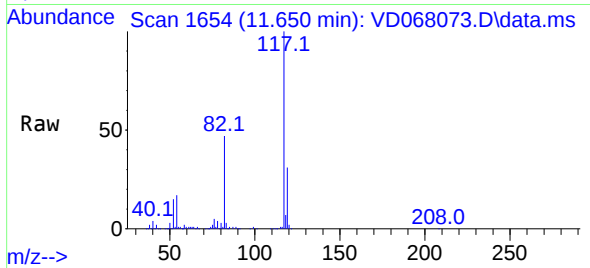




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

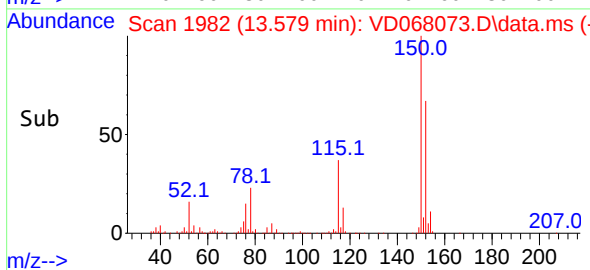
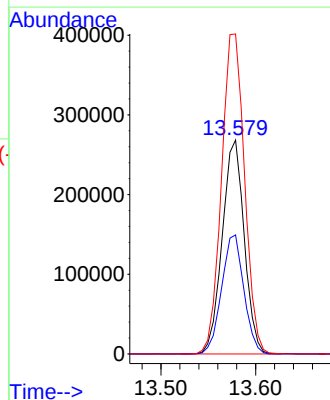
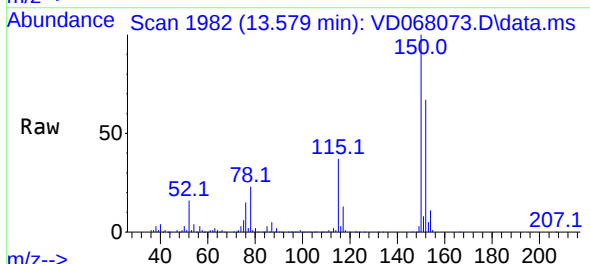
Instrument :
MSVOA_D
ClientSampleId :
355

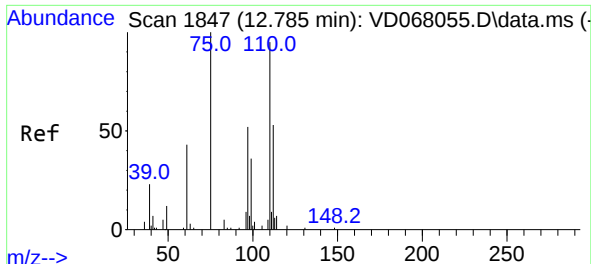
Tgt Ion:117 Resp: 888623
Ion Ratio Lower Upper
117 100
82 47.4 41.4 62.0
119 31.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion:152 Resp: 433600
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 156.8 0.0 344.4

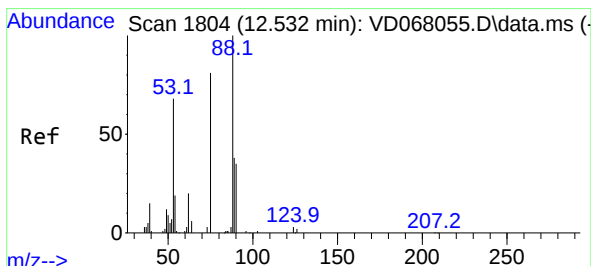
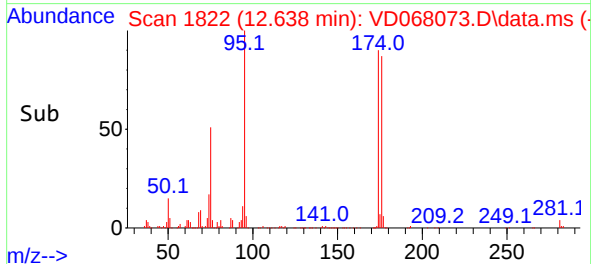
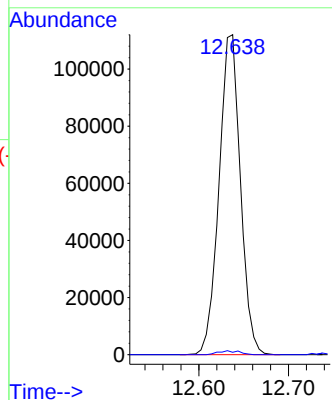
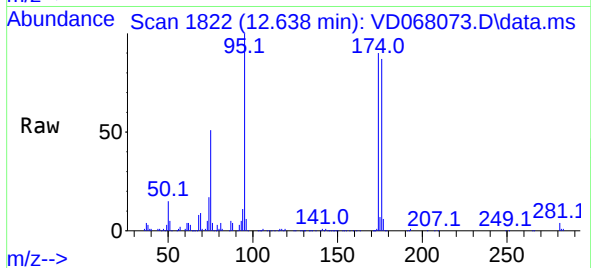




#76
1,2,3-Trichloropropane
Concen: 53.95 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. -0.147 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampled :
355

Tgt Ion: 75 Resp: 185359
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.06 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.106 min
Lab File: VD068073.D
Acq: 13 Jan 2021 16:07

Tgt Ion: 75 Resp: 185359
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#

