

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068993.D
 Acq On : 26 Apr 2021 17:25
 Operator : VA/SY
 Sample : M2170-06
 Misc : 9.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AN-1

Quant Time: Apr 27 07:13:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

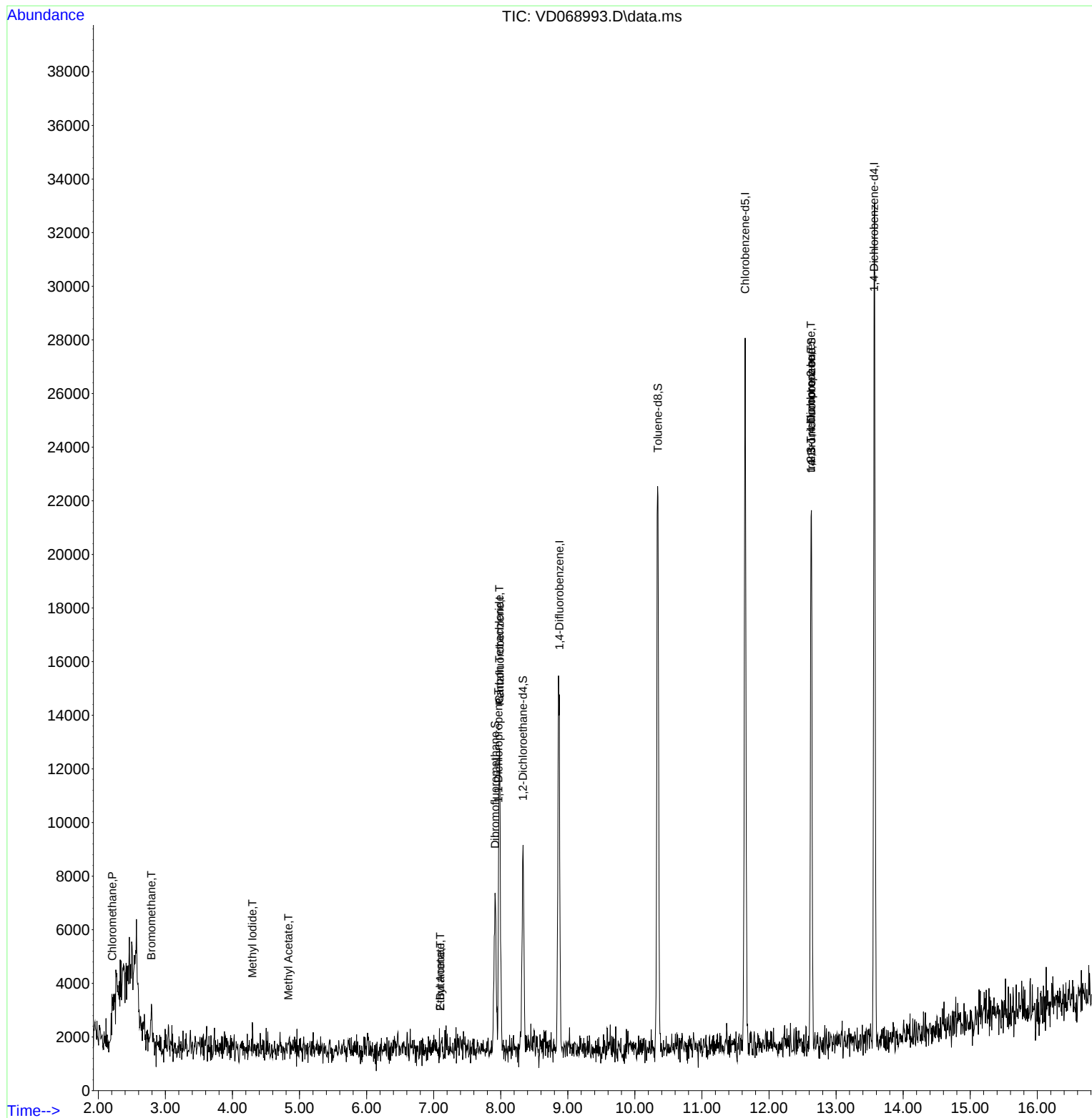
Internal Standards						
1) Pentafluorobenzene	7.985	168	9292	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.873	114	13535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	16569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	5672	57.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.52%
35) Dibromofluoromethane	7.914	113	4315	49.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.02%
50) Toluene-d8	10.344	98	16799	50.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.16%
62) 4-Bromofluorobenzene	12.632	95	7236	65.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.20%
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	289	2.67	ug/l	# 41
5) Bromomethane	2.791	94	990	9.74	ug/l	# 71
10) Methyl Iodide	4.297	142	155	3.56	ug/l	# 91
18) Methyl Acetate	4.832	43	56	1.50	ug/l	# 43
25) 2-Butanone	7.097	43	79	4.11	ug/l	# 39
36) 1,1-Dichloropropene	7.967	75	700	5.11	ug/l	# 41
37) Ethyl Acetate	7.097	43	79	1.96	ug/l	# 64
38) Carbon Tetrachloride	7.979	117	945	6.97	ug/l	# 12
76) 1,2,3-Trichloropropane	12.626	75	3291	41.11	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	3291	95.41	ug/l	# 16

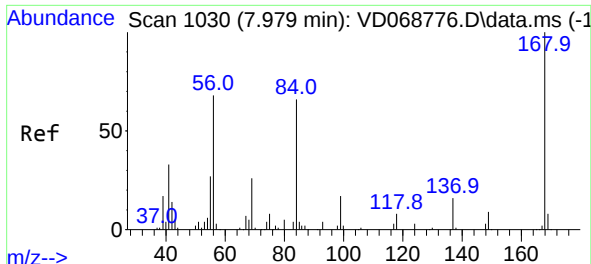
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
Data File : VD068993.D
Acq On : 26 Apr 2021 17:25
Operator : VA/SY
Sample : M2170-06
Misc : 9.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
AN-1

Quant Time: Apr 27 07:13:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

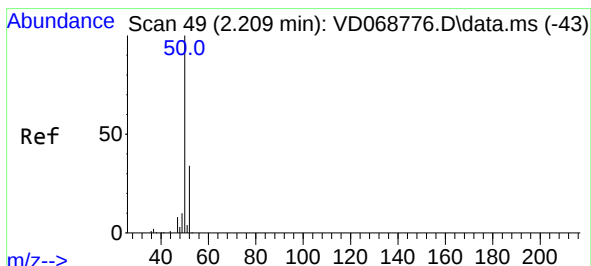
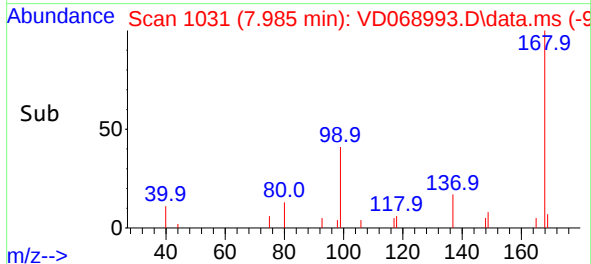
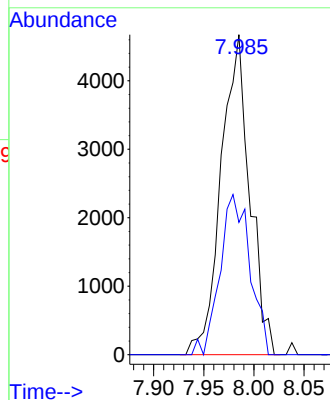
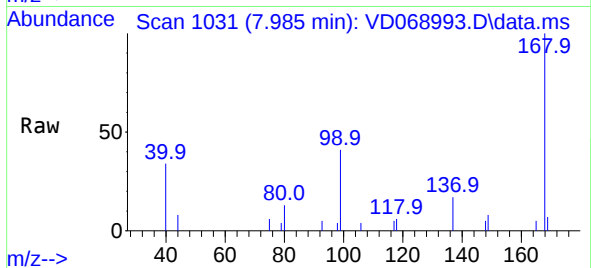




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

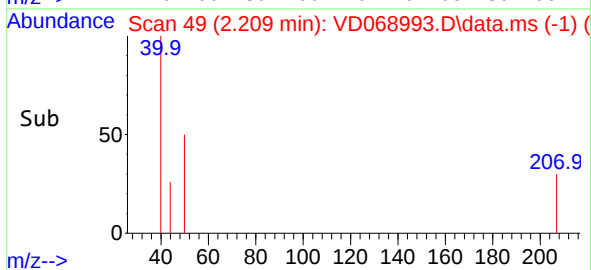
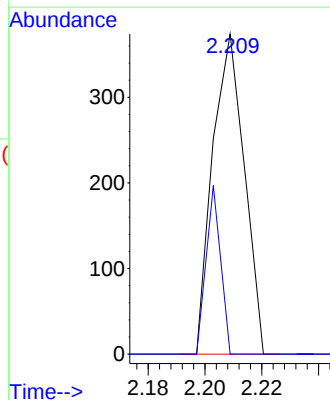
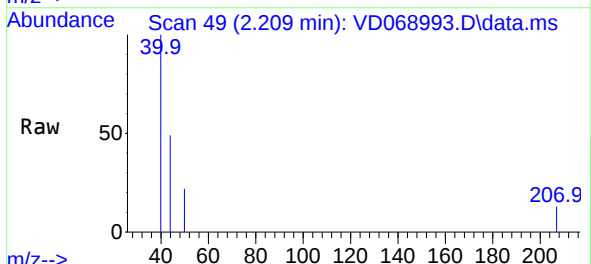
Instrument :
MSVOA_D
ClientSampled :
AN-1

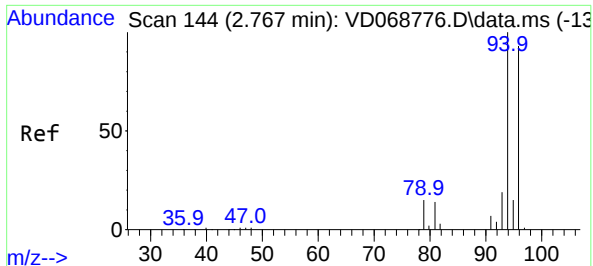
Tgt Ion:168 Resp: 9292
Ion Ratio Lower Upper
168 100
99 41.4 46.2 69.2#



#3
Chloromethane
Concen: 2.67 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

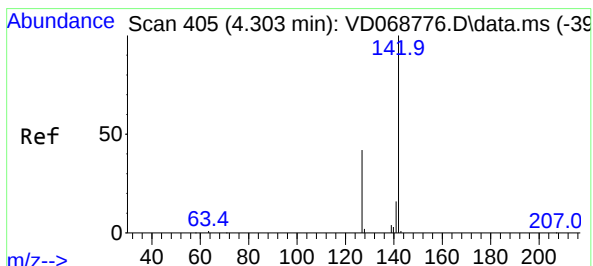
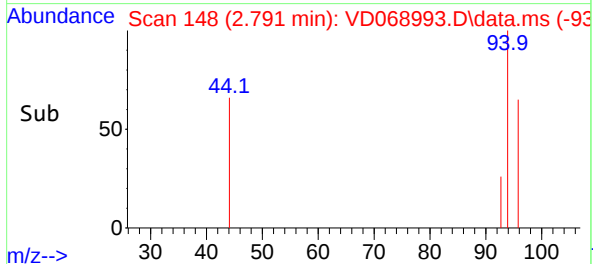
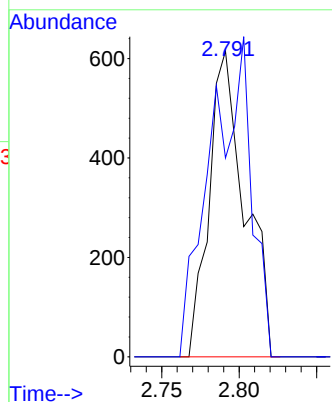
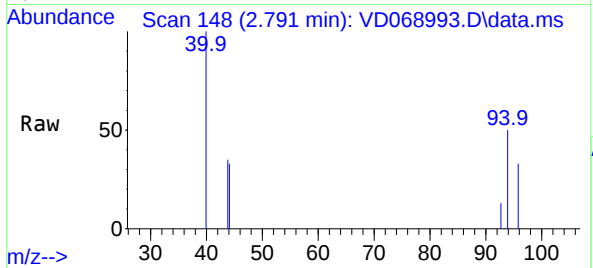




#5
Bromomethane
Concen: 9.74 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.024 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

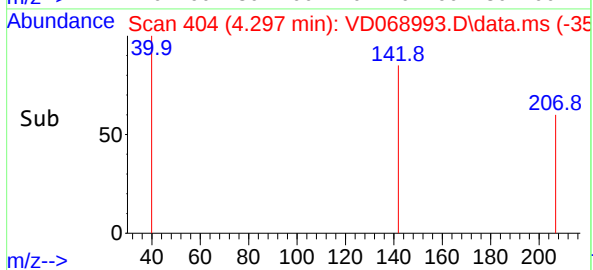
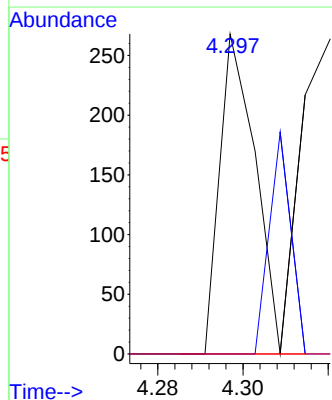
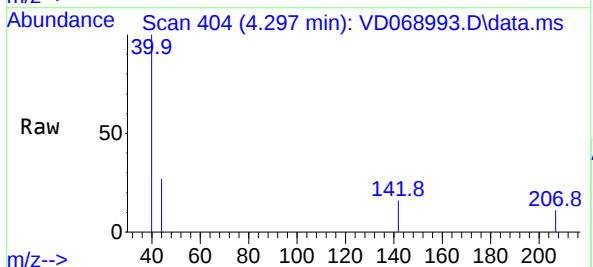
Instrument :
MSVOA_D
ClientSampled :
AN-1

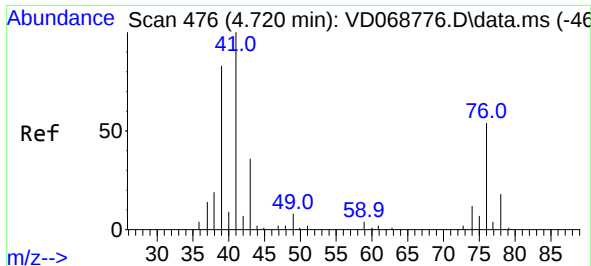
Tgt Ion: 94 Resp: 990
Ion Ratio Lower Upper
94 100
96 65.0 74.7 112.1#



#10
Methyl Iodide
Concen: 3.56 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion: 142 Resp: 155
Ion Ratio Lower Upper
142 100
127 42.6 34.7 52.1
141 0.0 11.0 16.4#

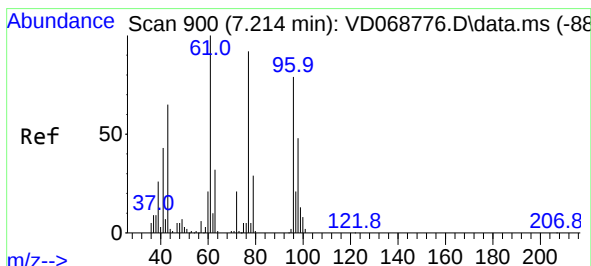
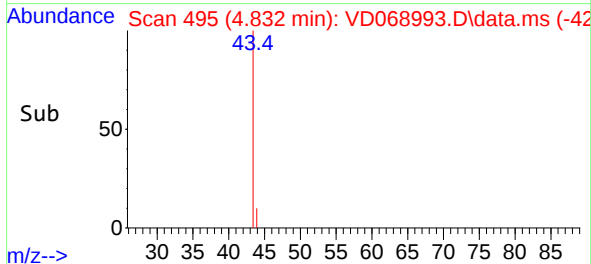
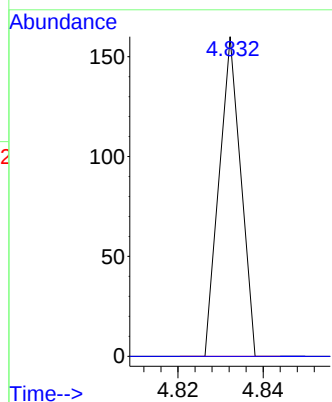
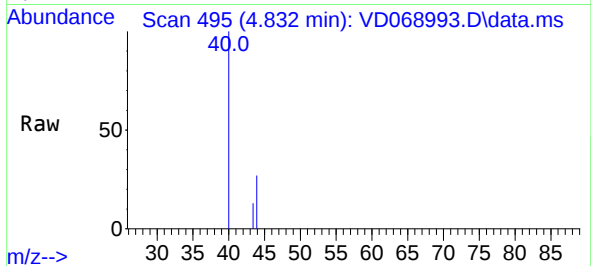




#18
Methyl Acetate
Concen: 1.50 ug/l
RT: 4.832 min Scan# 495
Delta R.T. 0.112 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

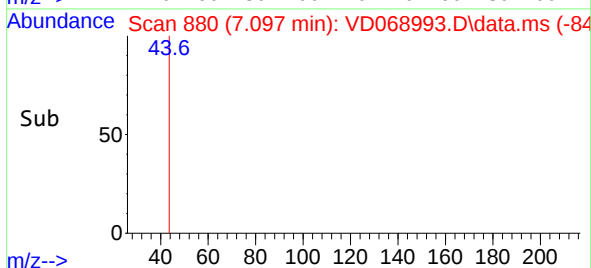
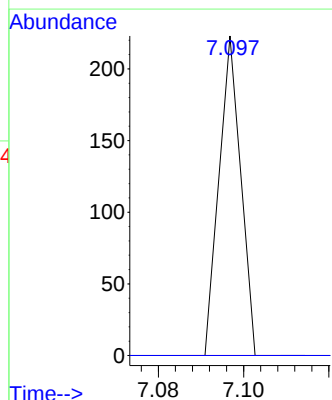
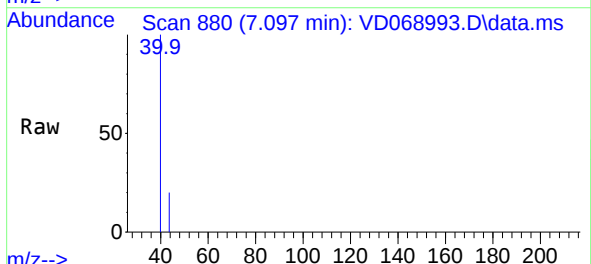
Instrument :
MSVOA_D
ClientSampled :
AN-1

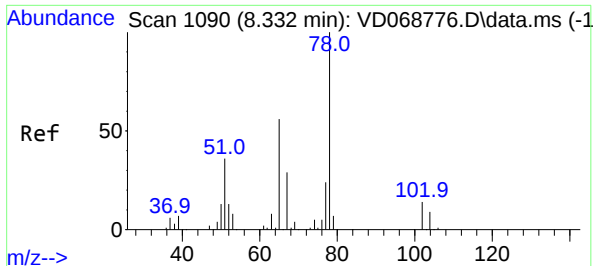
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#25
2-Butanone
Concen: 4.11 ug/l
RT: 7.097 min Scan# 880
Delta R.T. -0.117 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#

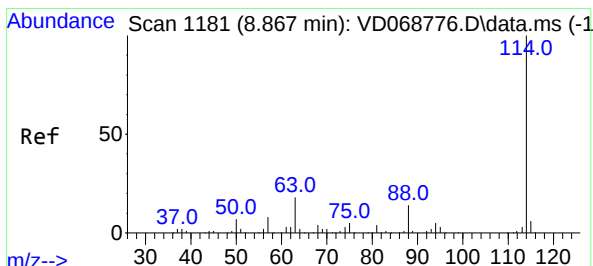
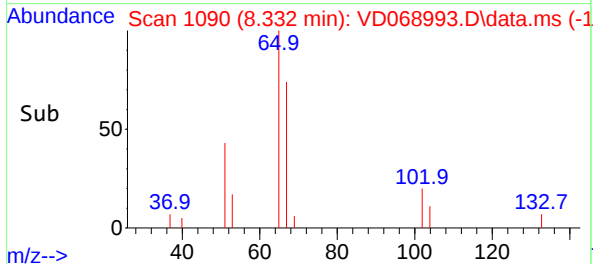
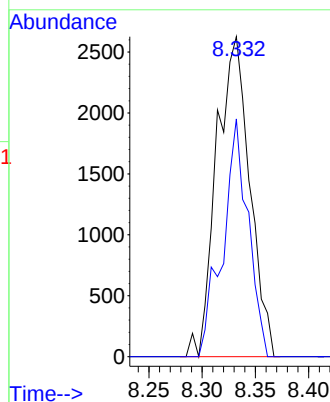
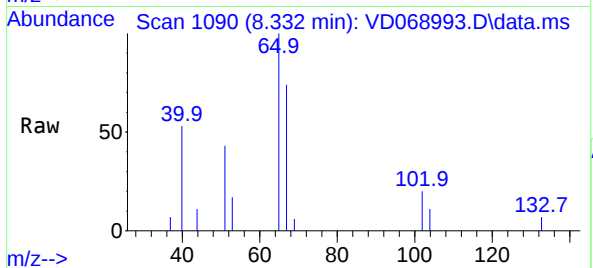




#33
1,2-Dichloroethane-d4
Concen: 57.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

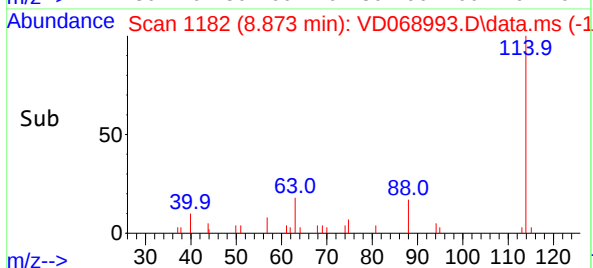
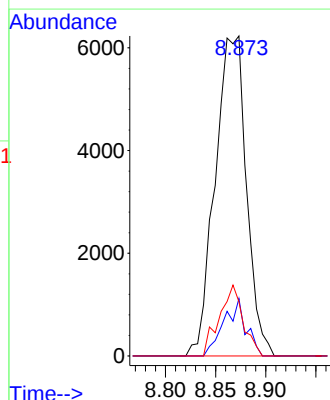
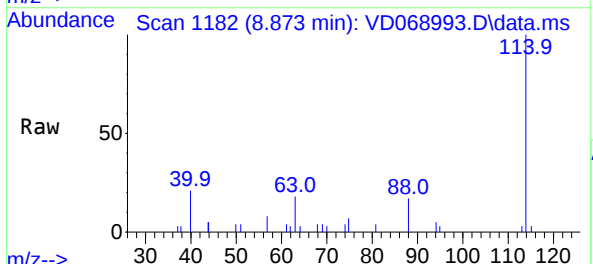
Instrument :
MSVOA_D
ClientSampleId :
AN-1

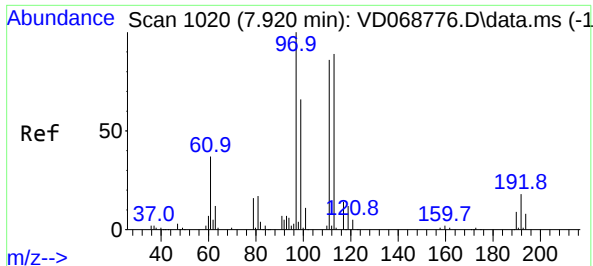
Tgt Ion: 65 Resp: 5672
Ion Ratio Lower Upper
65 100
67 57.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.873 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion: 114 Resp: 13535
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 17.0 0.0 29.4



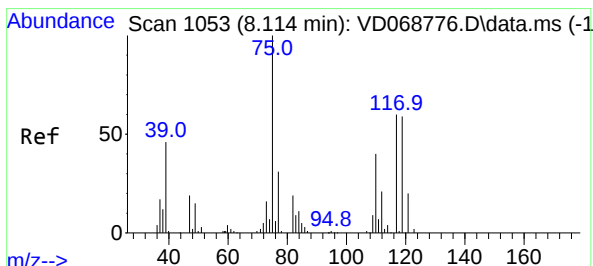
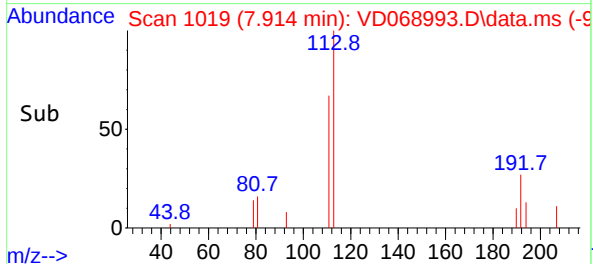
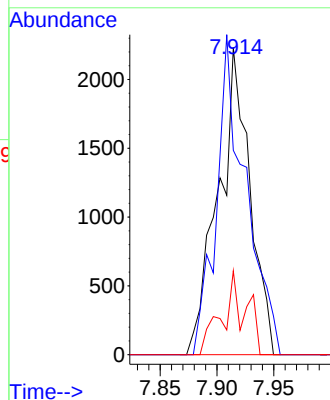
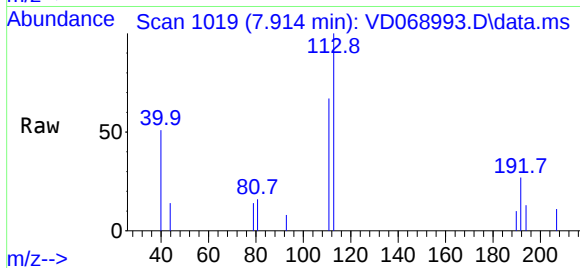


#35

Dibromofluoromethane
Concen: 49.01 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Instrument :
MSVOA_D
ClientSampled :
AN-1

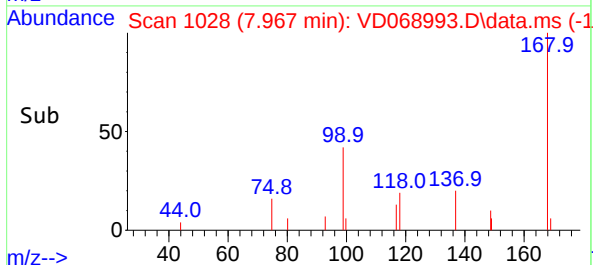
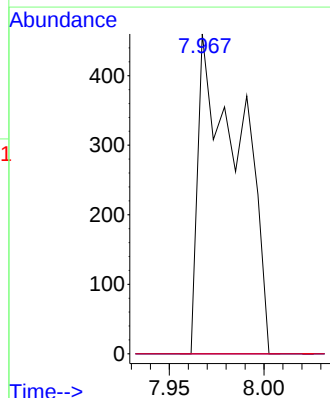
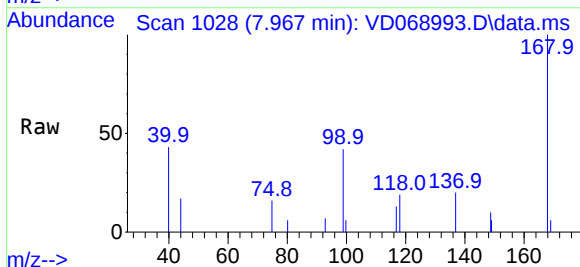
Tgt Ion:	113	Resp:	4315
Ion	Ratio	Lower	Upper
113	100		
111	96.6	82.5	123.7
192	20.2	15.1	22.7

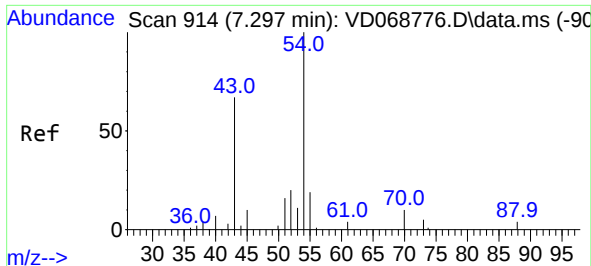


#36

1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.147 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion:	75	Resp:	700
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 1.96 ug/l

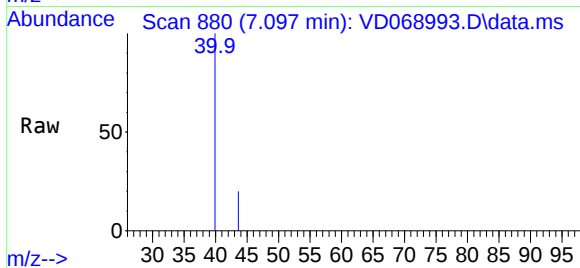
RT: 7.097 min Scan# 880

Delta R.T. -0.200 min

Lab File: VD068993.D

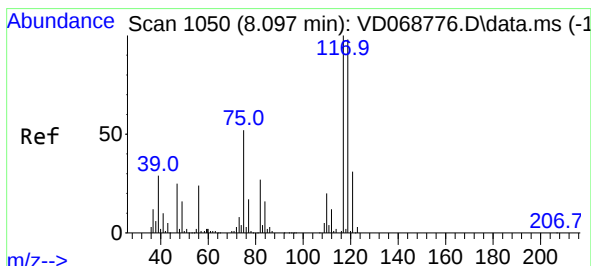
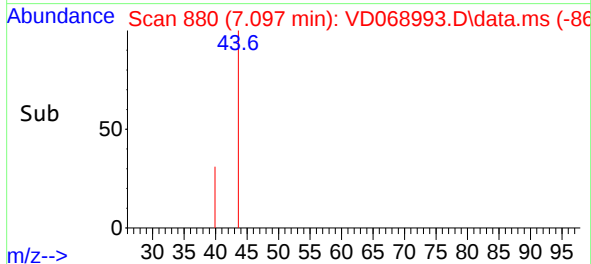
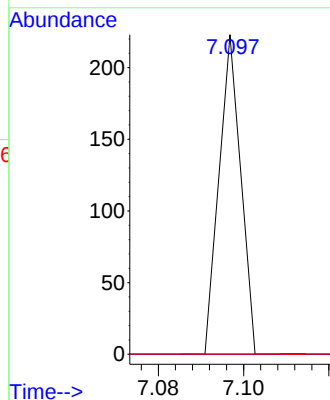
Acq: 26 Apr 2021 17:25

Instrument :
MSVOA_D
ClientSampled :
AN-1



Tgt Ion: 43 Resp: 79

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.2	21.4#
70	0.0	9.4	14.0#



#38

Carbon Tetrachloride

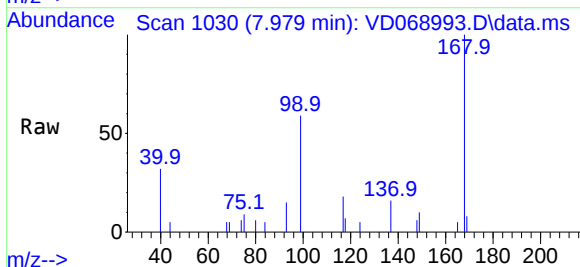
Concen: 6.97 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

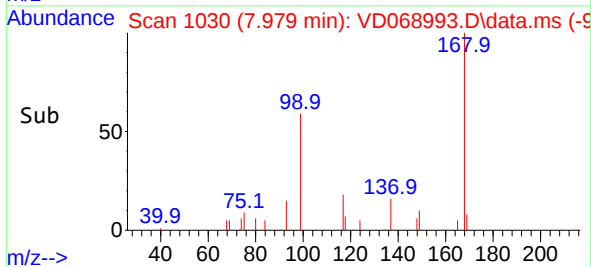
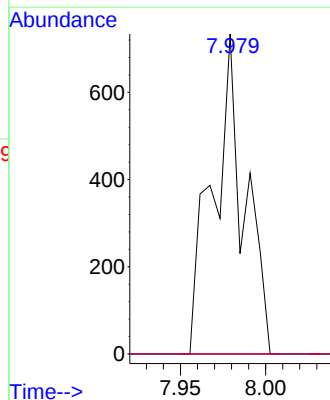
Lab File: VD068993.D

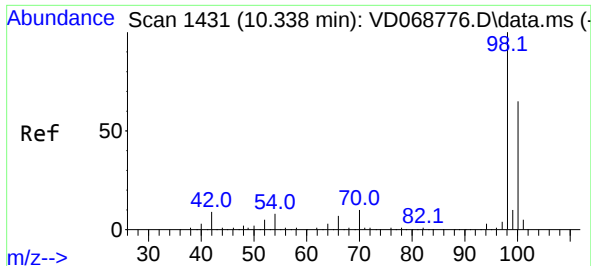
Acq: 26 Apr 2021 17:25



Tgt Ion: 117 Resp: 945

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
121	0.0	26.1	39.1#

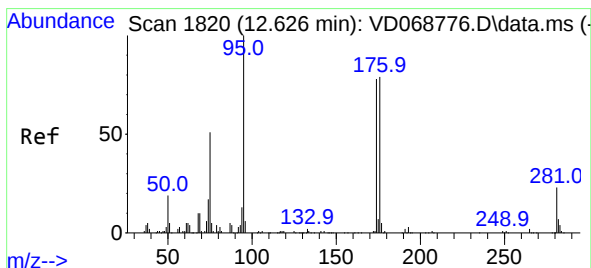
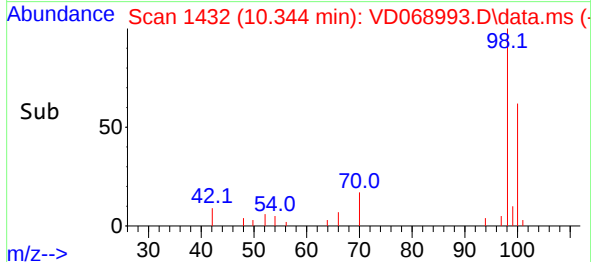
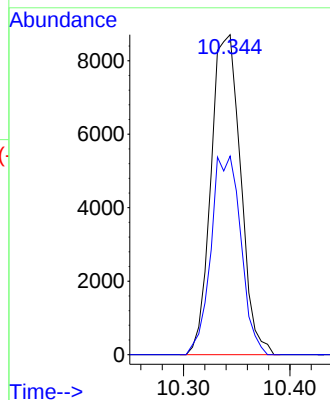
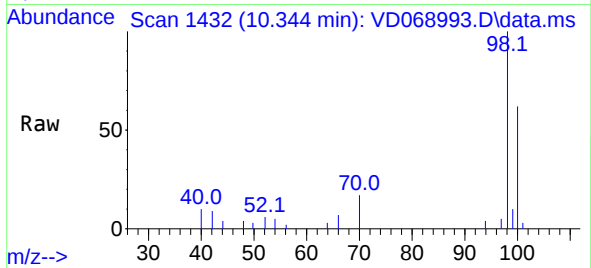




#50
Toluene-d8
Concen: 50.58 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

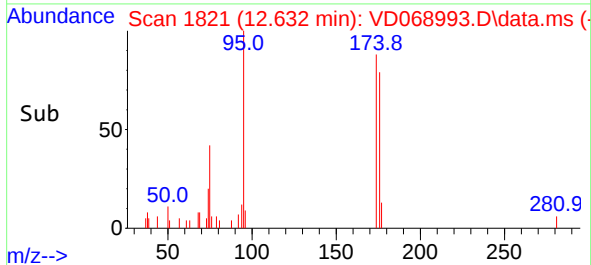
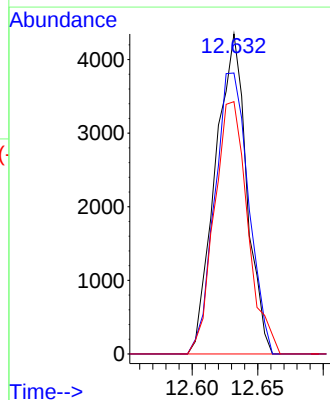
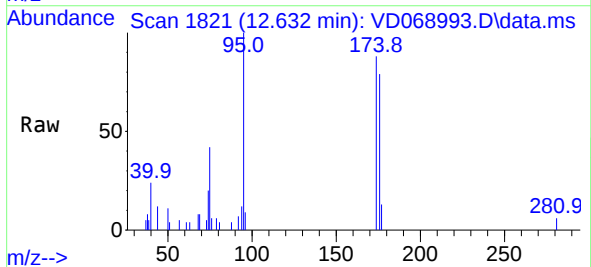
Instrument :
MSVOA_D
ClientSampled :
AN-1

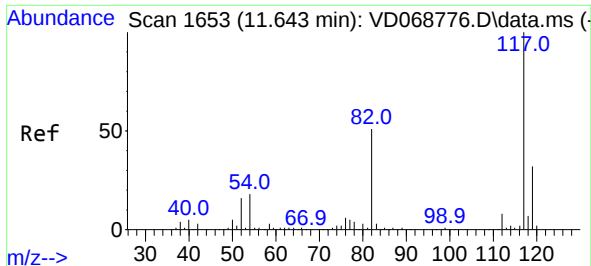
Tgt Ion: 98 Resp: 16799
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion: 95 Resp: 7236
Ion Ratio Lower Upper
95 100
174 94.5 0.0 168.0
176 83.8 0.0 160.2

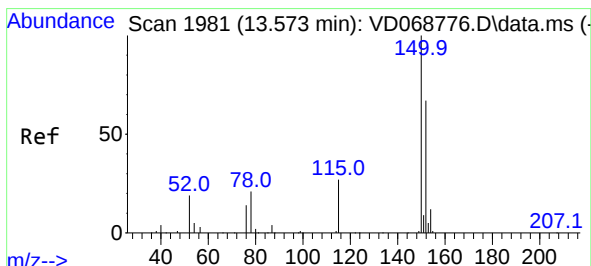
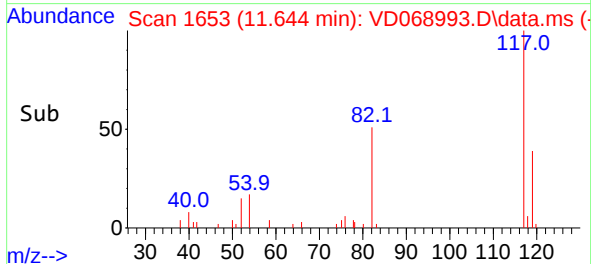
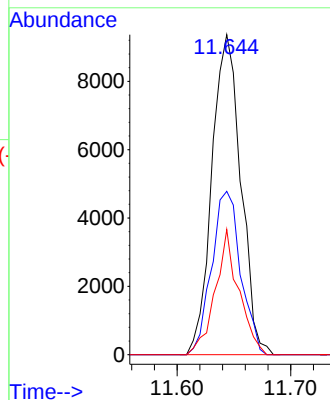
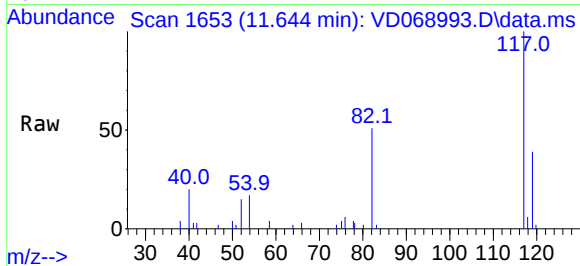




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

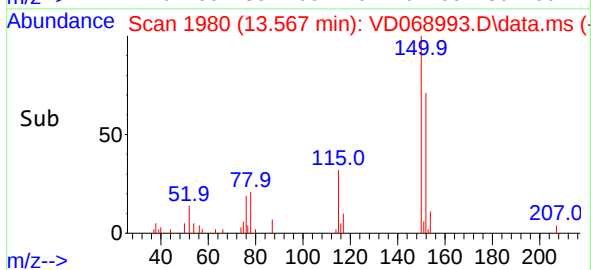
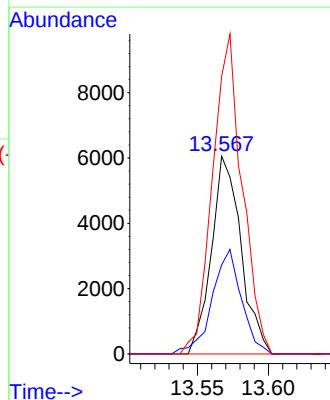
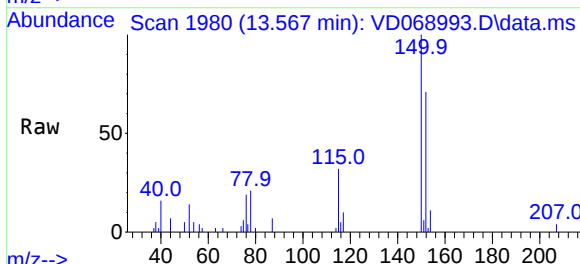
Instrument :
MSVOA_D
ClientSampled :
AN-1

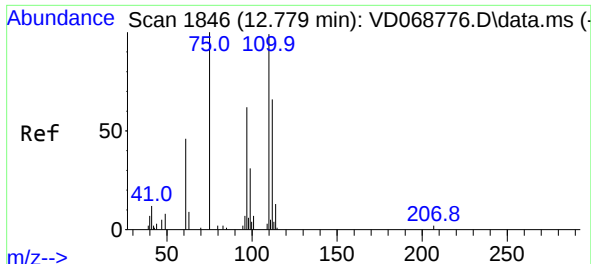
Tgt Ion:	117	Resp:	16569
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.5	65.3
119	39.1	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion:	152	Resp:	8762
Ion	Ratio	Lower	Upper
152	100		
115	52.5	29.3	87.8
150	162.2	0.0	347.6

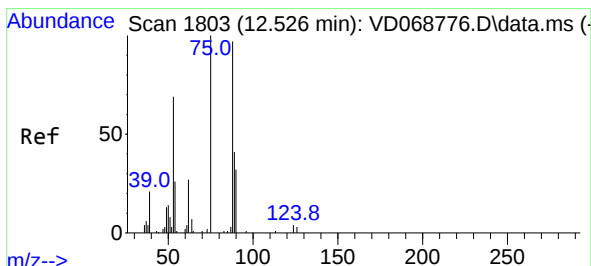
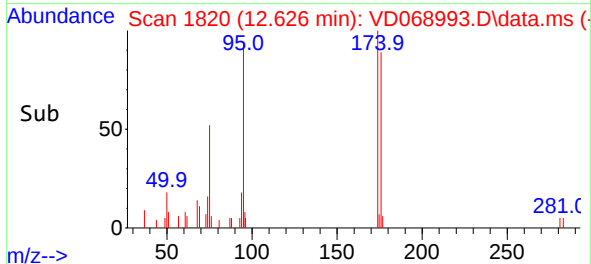
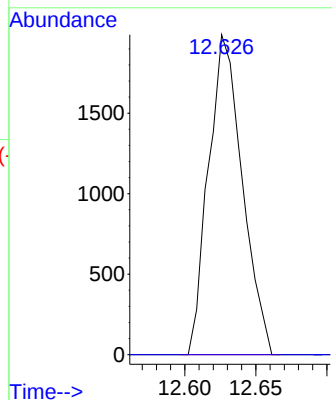
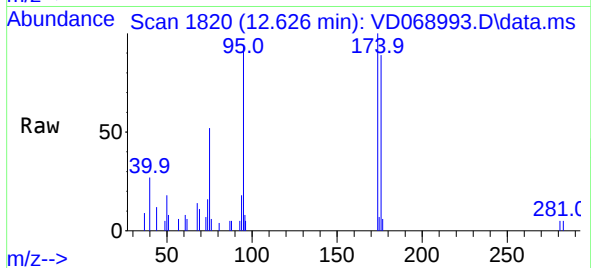




#76
1,2,3-Trichloropropane
Concen: 41.11 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Instrument :
MSVOA_D
ClientSampleId :
AN-1

Tgt Ion: 75 Resp: 3291
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 95.41 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068993.D
Acq: 26 Apr 2021 17:25

Tgt Ion: 75 Resp: 3291
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

