

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069204.D
 Acq On : 19 May 2021 18:51
 Operator : VA/SY
 Sample : M2432-02RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:03:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

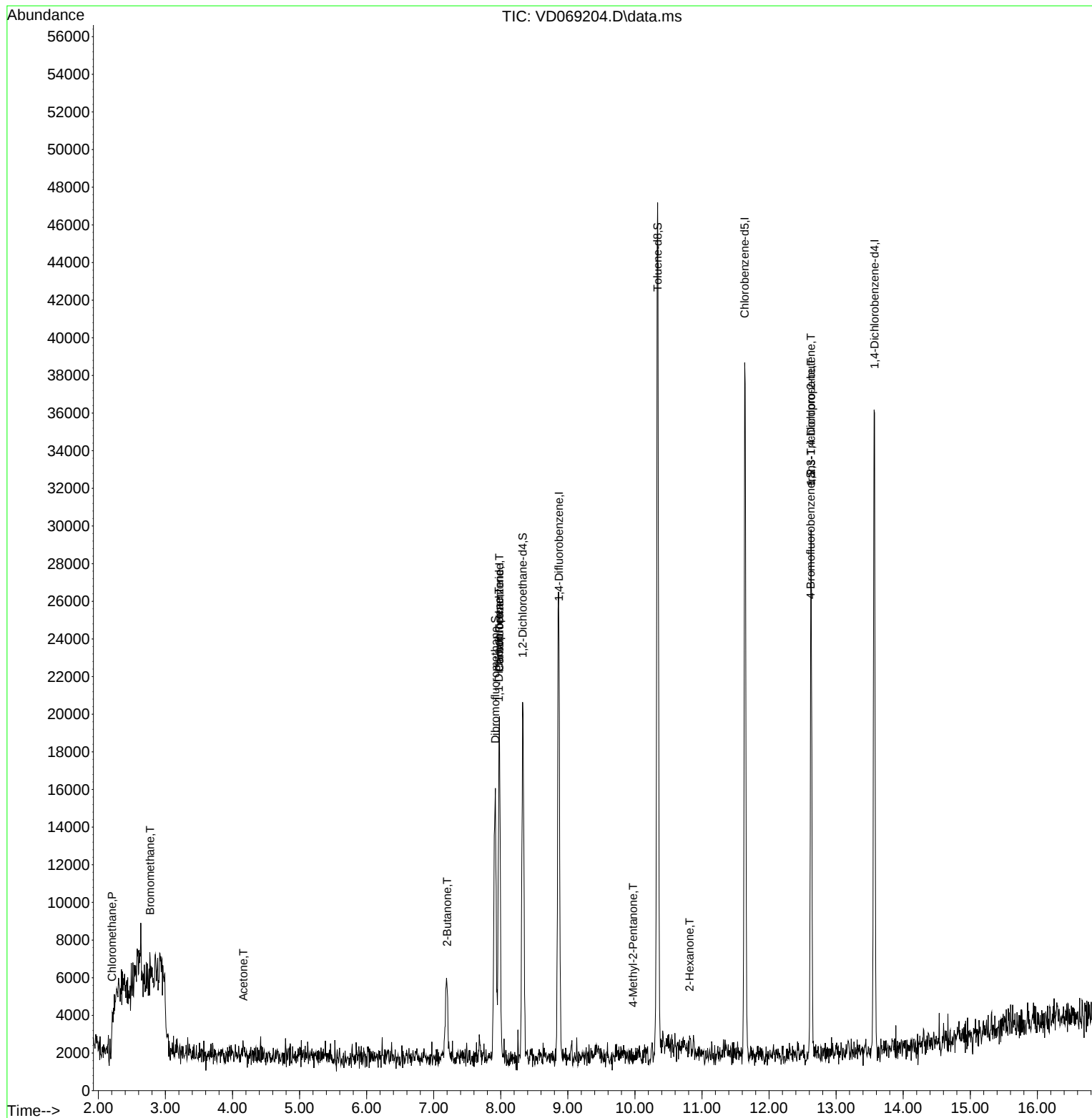
Internal Standards						
1) Pentafluorobenzene	7.979	168	13668	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	23088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	21746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	9467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13859	101.14	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 202.28%#		
35) Dibromofluoromethane	7.920	113	10140	67.49	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 134.98%		
50) Toluene-d8	10.338	98	34245	62.03	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 124.06%		
62) 4-Bromofluorobenzene	12.620	95	8480	47.74	ug/l	-0.01
Spiked Amount 50.000	Range	25 - 144	Recovery	= 95.48%		
Target Compounds						
						Qvalue
3) Chloromethane	2.203	50	255	1.53	ug/l	# 42
5) Bromomethane	2.773	94	223	1.35	ug/l	86
11) Tert butyl alcohol	5.179	59	205	Below	Cal	# 73
16) Acetone	4.162	43	121	5.77	ug/l	# 41
20) Methylene Chloride	4.956	84	57	Below	Cal	# 14
25) 2-Butanone	7.203	43	67	2.36	ug/l	# 38
36) 1,1-Dichloropropene	7.973	75	1005	4.48	ug/l	# 40
38) Carbon Tetrachloride	7.979	117	1498	5.97	ug/l	# 12
51) 4-Methyl-2-Pentanone	9.973	43	83	1.23	ug/l	# 32
59) 2-Hexanone	10.814	43	60	1.33	ug/l	# 19
76) 1,2,3-Trichloropropane	12.626	75	4230	59.44	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	4230	120.07	ug/l	# 14

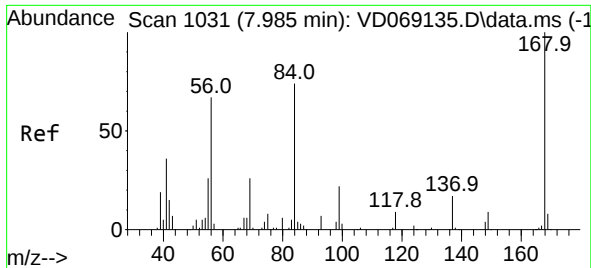
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069204.D
Acq On : 19 May 2021 18:51
Operator : VA/SY
Sample : M2432-02RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 20 01:03:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

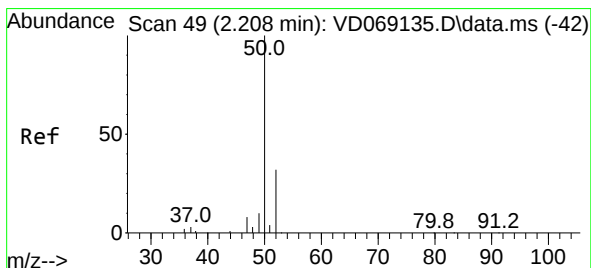
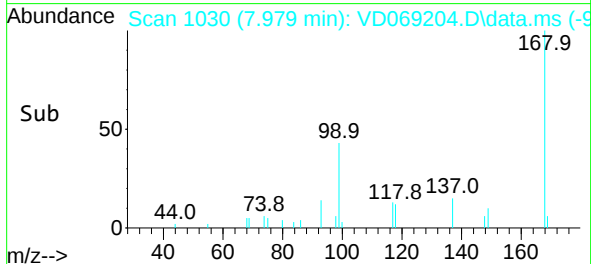
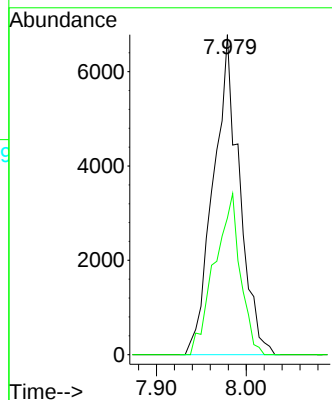
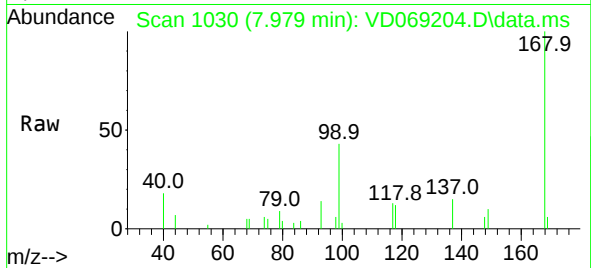




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

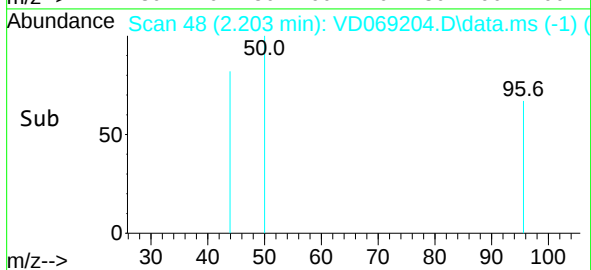
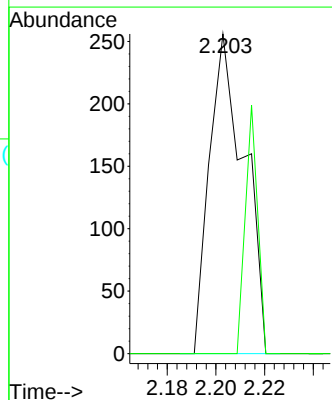
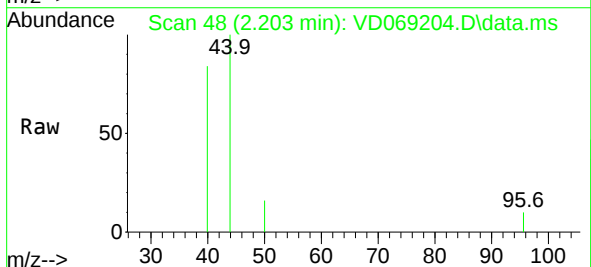
Instrument :
MSVOA_D
ClientSampled :

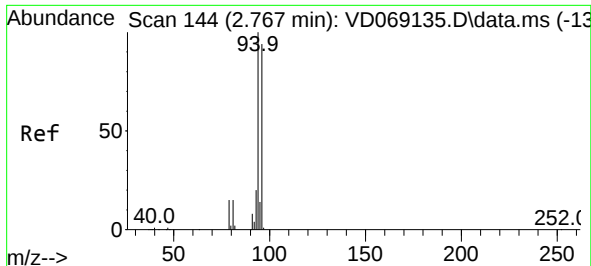
Tgt Ion:168 Resp: 13668
Ion Ratio Lower Upper
168 100
99 42.7 47.2 70.8#



#3
Chloromethane
Concen: 1.53 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

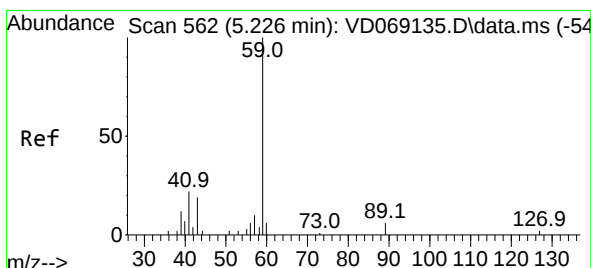
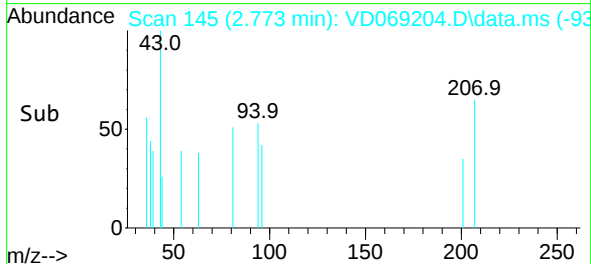
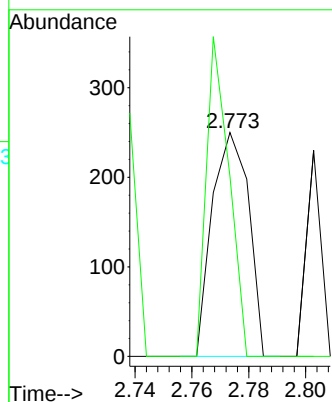
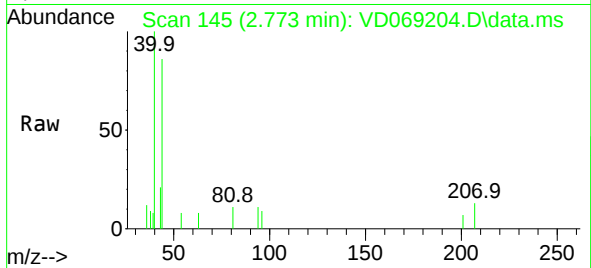




#5
Bromomethane
Concen: 1.35 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

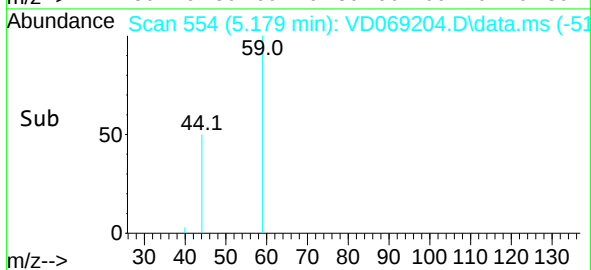
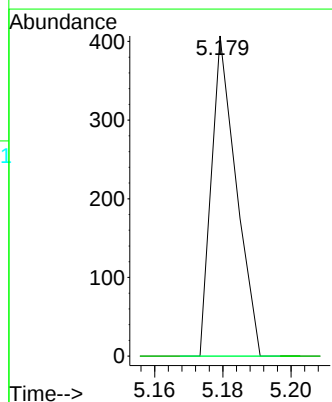
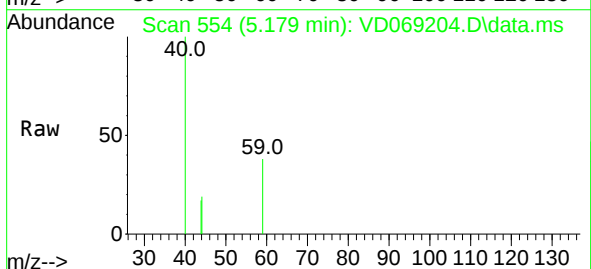
Instrument :
MSVOA_D
ClientSampled :

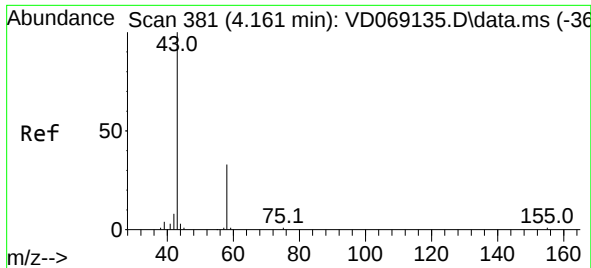
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 80.4 75.4 113.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

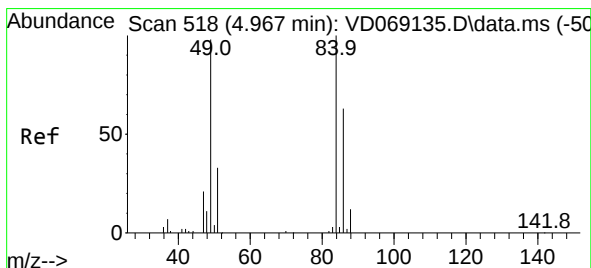
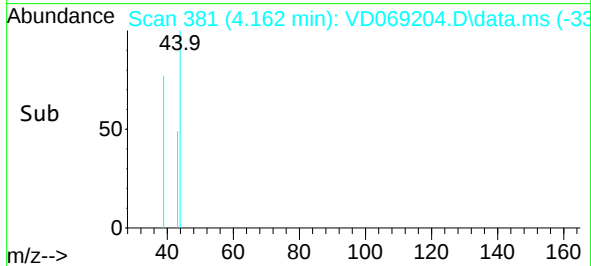
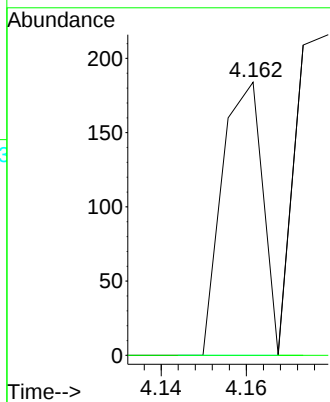
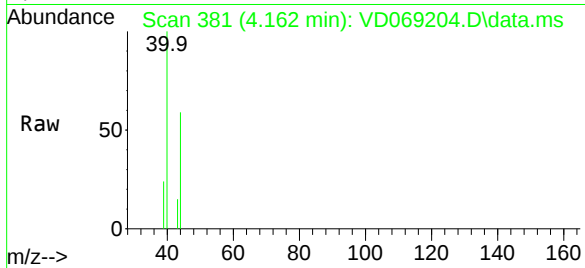




#16
Acetone
Concen: 5.77 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

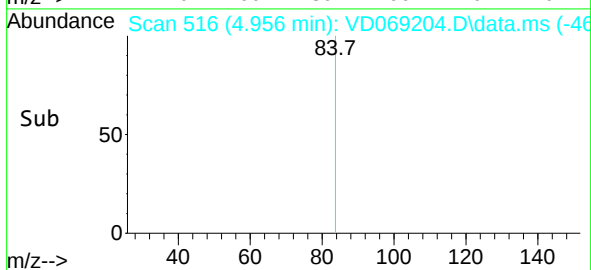
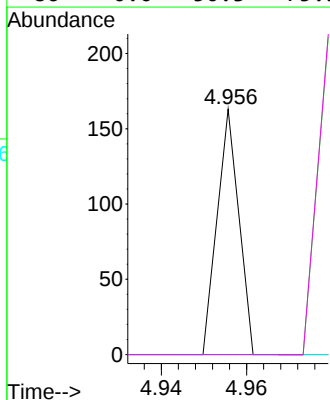
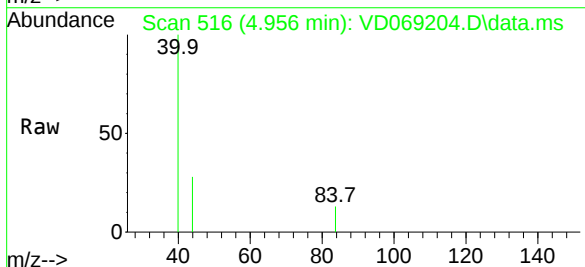
Instrument :
MSVOA_D
ClientSampled :

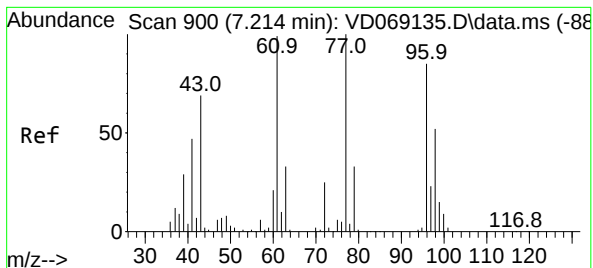
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 84 Resp: 57
Ion Ratio Lower Upper
84 100
49 0.0 78.6 117.8#
51 0.0 26.7 40.1#
86 0.0 50.3 75.5#





#25

2-Butanone

Concen: 2.36 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.011 min

Lab File: VD069204.D

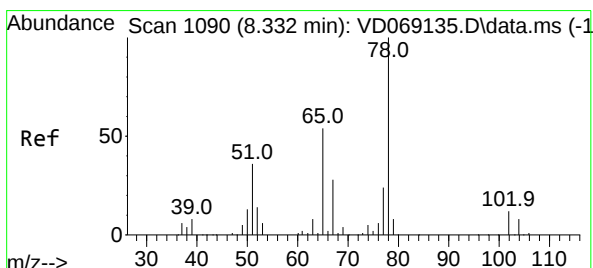
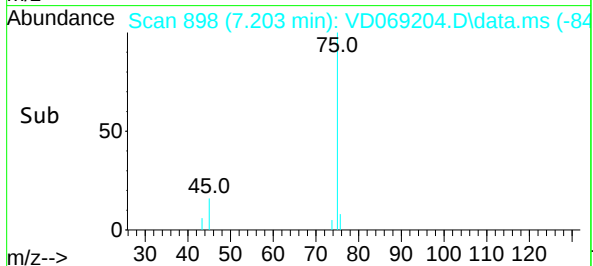
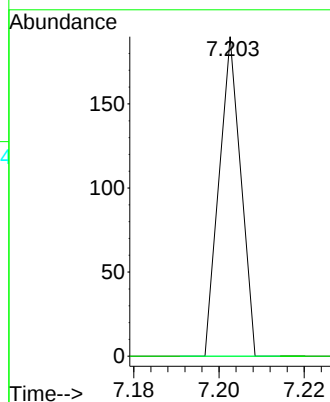
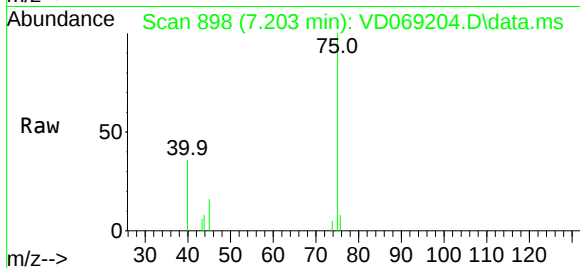
Acq: 19 May 2021 18:51

Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

72 0.0 29.1 43.7#



#33

1,2-Dichloroethane-d4

Concen: 101.14 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD069204.D

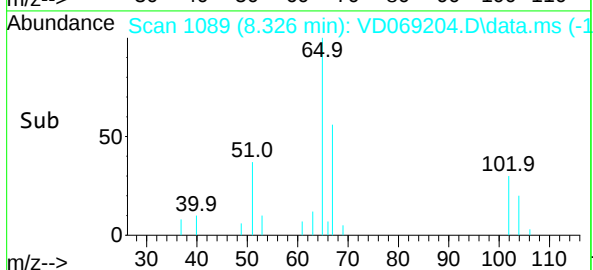
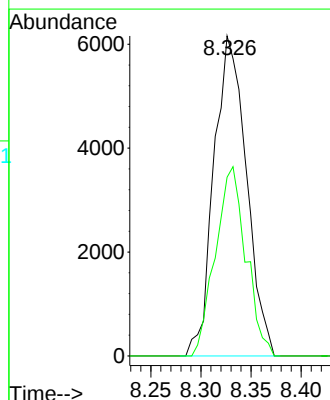
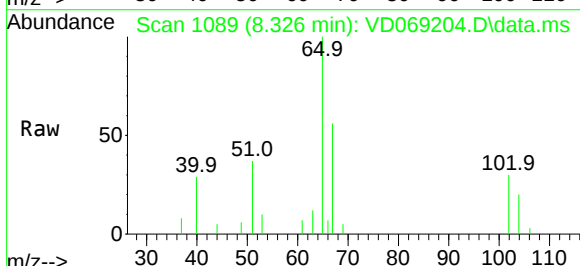
Acq: 19 May 2021 18:51

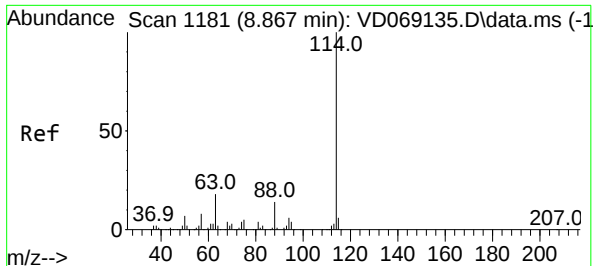
Tgt Ion: 65 Resp: 13859

Ion Ratio Lower Upper

65 100

67 55.8 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

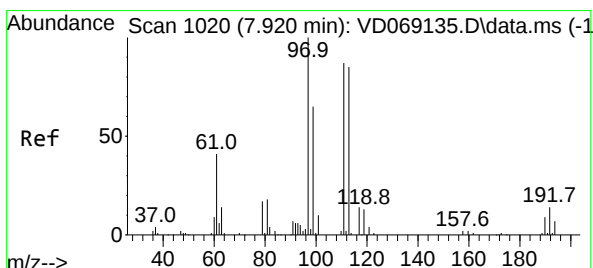
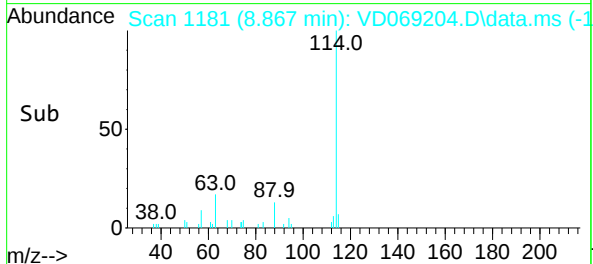
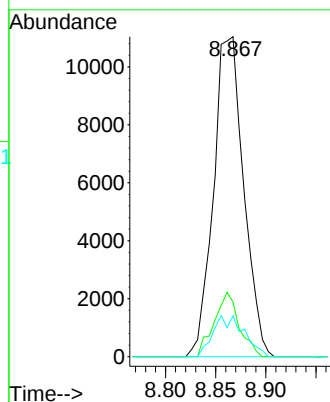
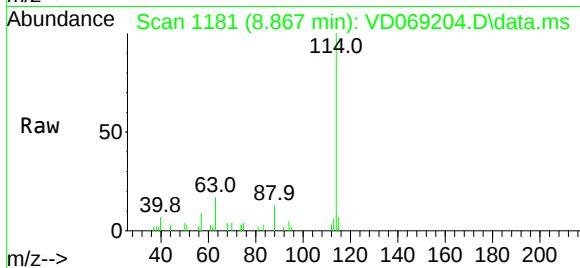
Delta R.T. 0.000 min

Lab File: VD069204.D

Acq: 19 May 2021 18:51

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	114	Resp:	23088
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	36.4
88	12.8	0.0	28.2



#35

Dibromofluoromethane

Concen: 67.49 ug/l

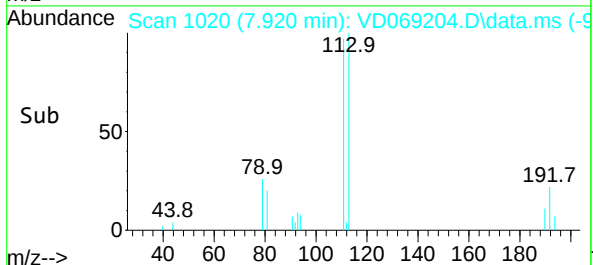
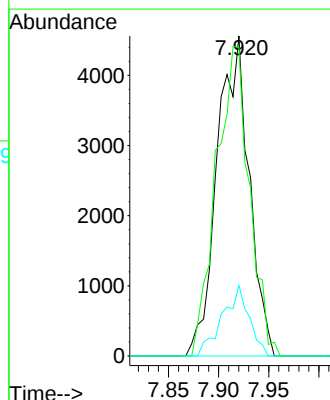
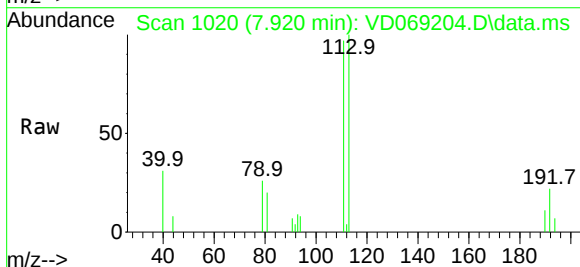
RT: 7.920 min Scan# 1020

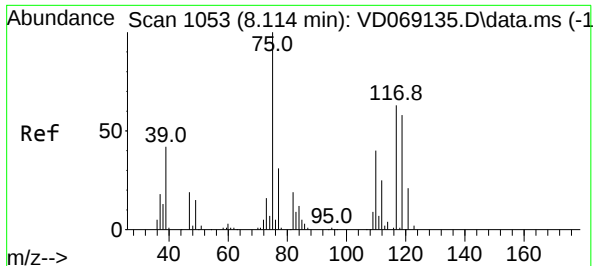
Delta R.T. 0.000 min

Lab File: VD069204.D

Acq: 19 May 2021 18:51

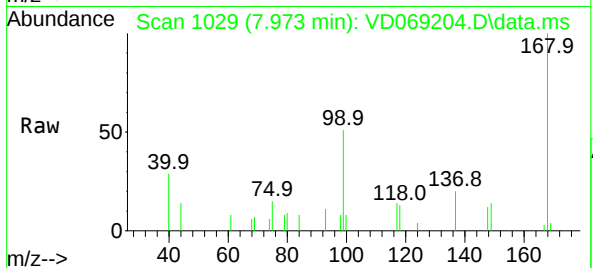
Tgt Ion:	113	Resp:	10140
Ion Ratio	Lower	Upper	
113	100		
111	100.1	80.6	120.8
192	18.3	14.8	22.2



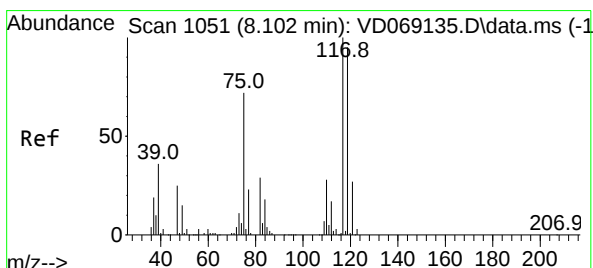
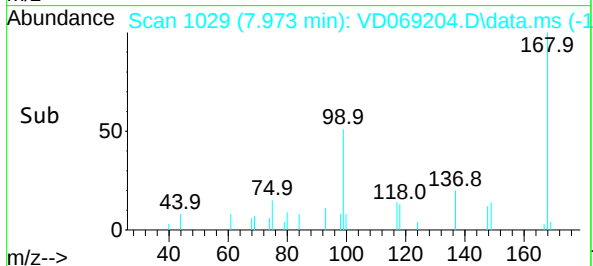
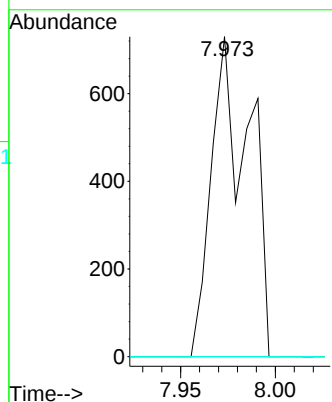


#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

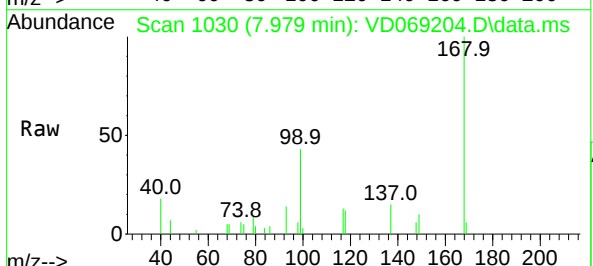
Instrument :
MSVOA_D
ClientSampled :



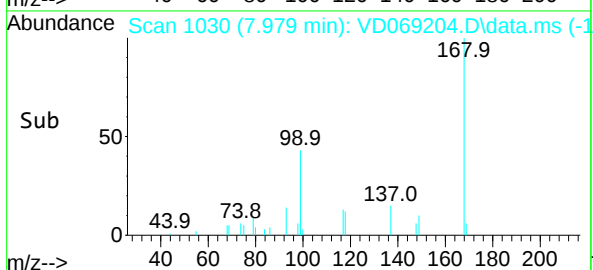
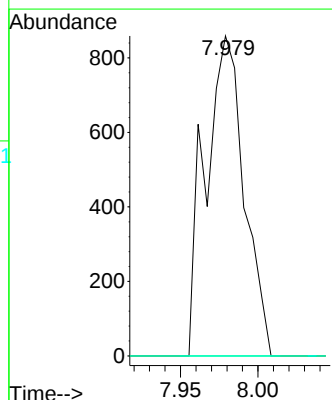
Tgt Ion: 75 Resp: 1005
Ion Ratio Lower Upper
75 100
110 0.0 18.8 56.4#
77 0.0 25.2 37.8#

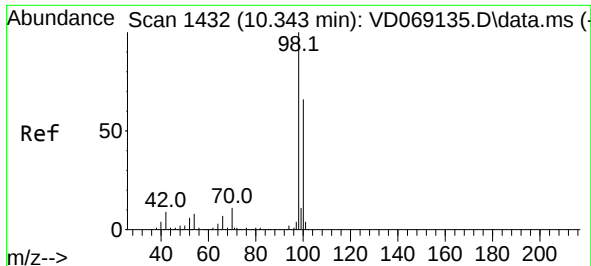


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51



Tgt Ion: 117 Resp: 1498
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#

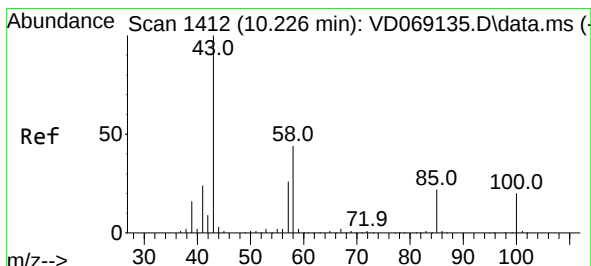
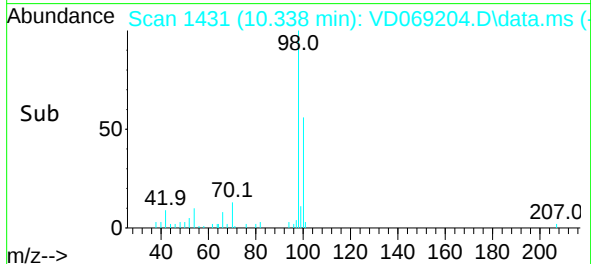
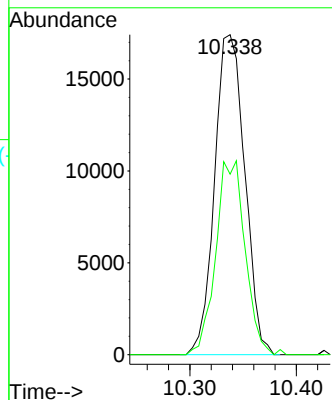
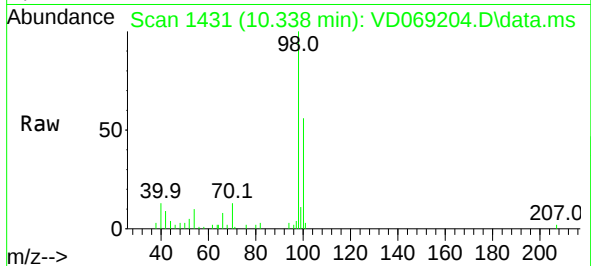




#50
Toluene-d8
Concen: 62.03 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

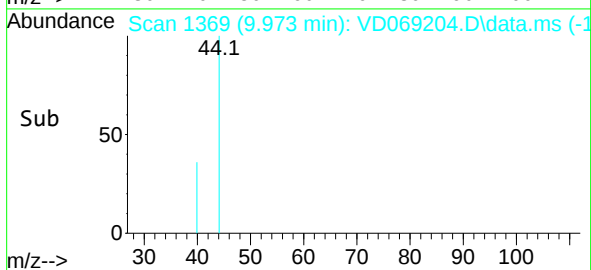
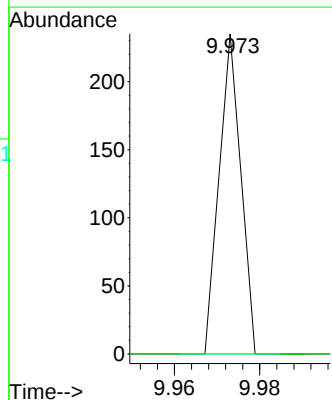
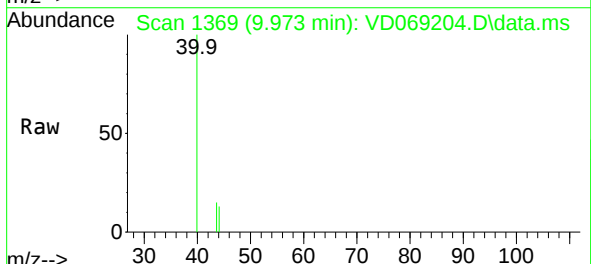
Instrument :
MSVOA_D
ClientSampleId :

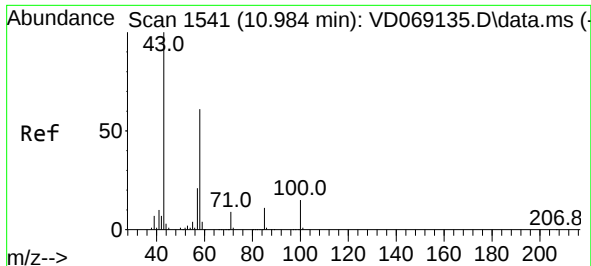
Tgt Ion: 98 Resp: 34245
Ion Ratio Lower Upper
98 100
100 59.1 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.23 ug/l
RT: 9.973 min Scan# 1369
Delta R.T. -0.253 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
58 0.0 35.0 52.4#

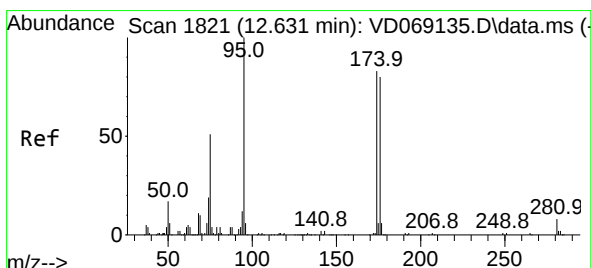
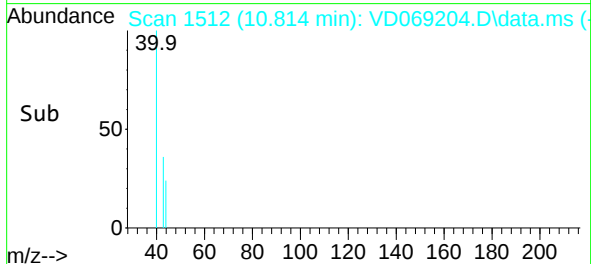
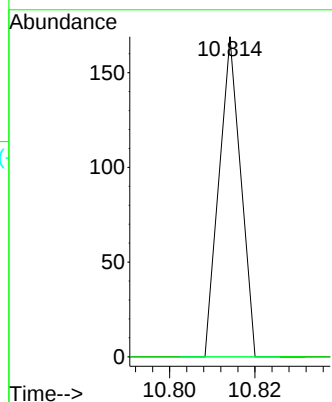
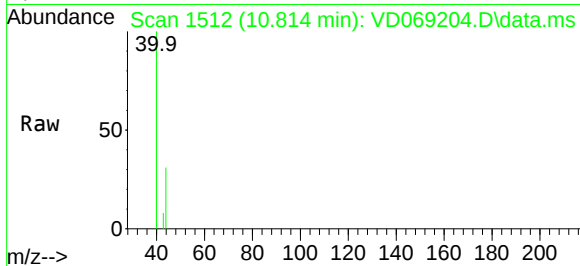




#59
2-Hexanone
Concen: 1.33 ug/l
RT: 10.814 min Scan# 1512
Delta R.T. -0.170 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

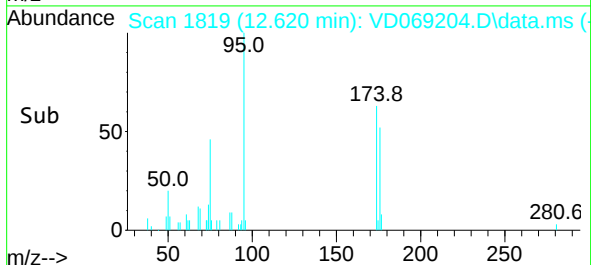
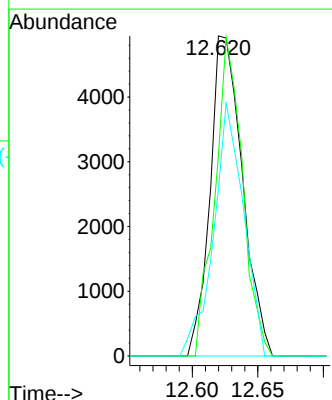
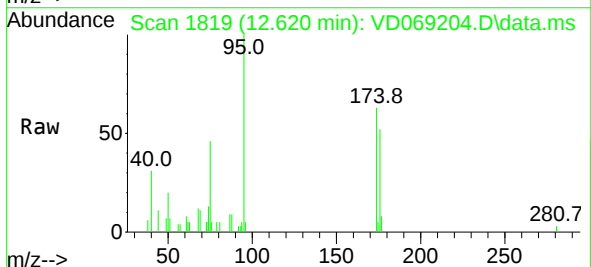
Instrument :
MSVOA_D
ClientSampled :

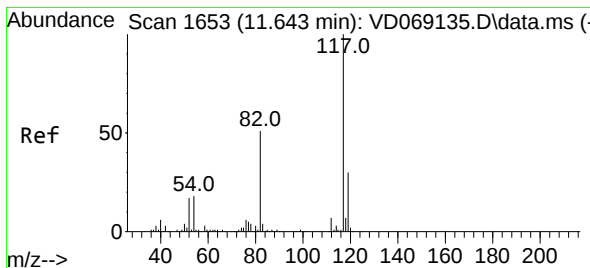
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 47.74 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.011 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 95 Resp: 8480
Ion Ratio Lower Upper
95 100
174 85.1 0.0 171.8
176 73.3 0.0 165.4

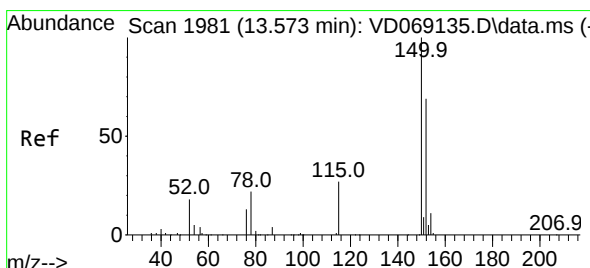
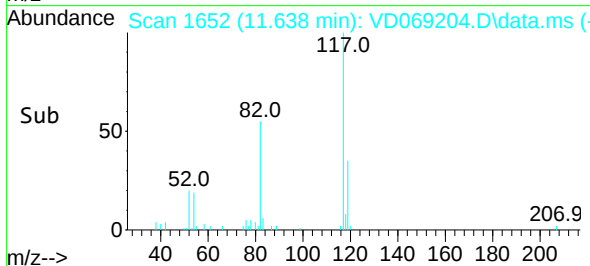
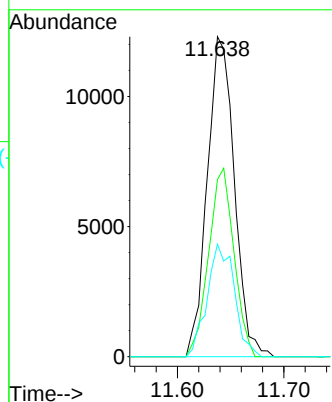
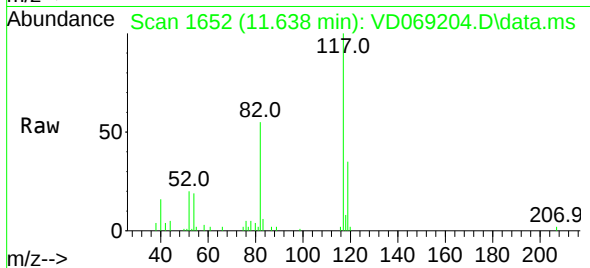




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

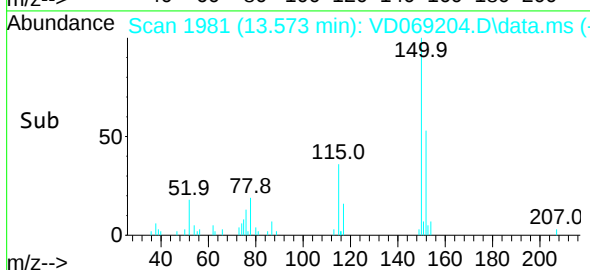
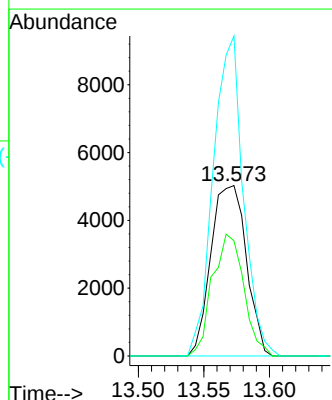
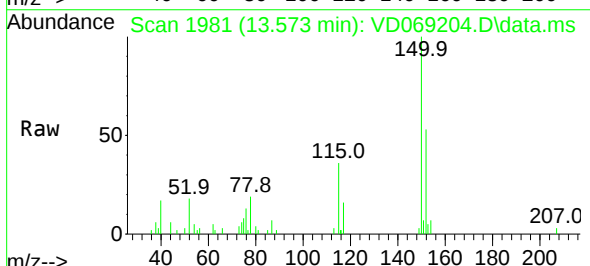
Instrument :
MSVOA_D
ClientSampleId :

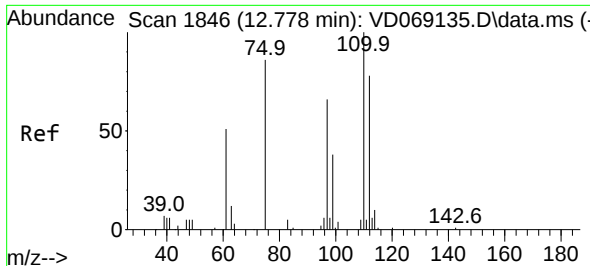
Tgt Ion:	117	Resp:	21746
Ion	Ratio	Lower	Upper
117	100		
82	55.4	40.5	60.7
119	35.1	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion:	152	Resp:	9467
Ion	Ratio	Lower	Upper
152	100		
115	63.1	29.9	89.8
150	158.6	0.0	350.2

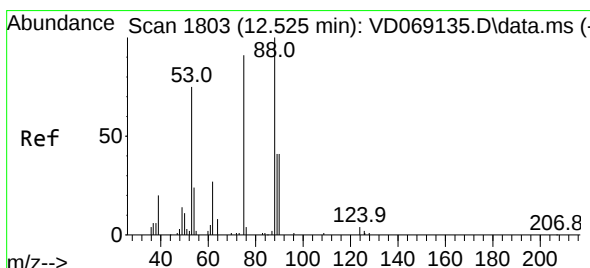
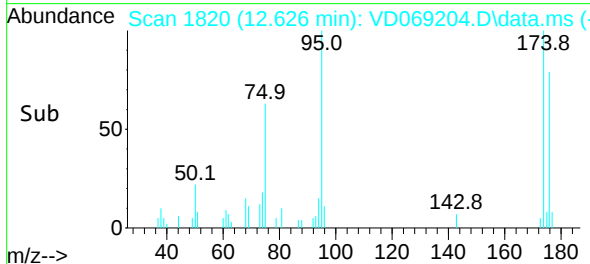
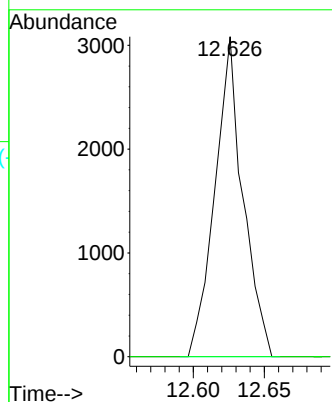
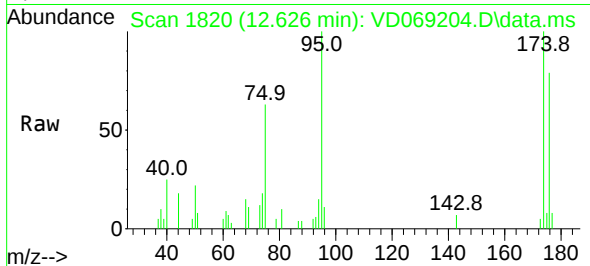




#76
1,2,3-Trichloropropane
Concen: 59.44 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4230
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 120.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 75 Resp: 4230
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.0 40.2 60.2#

