

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070167.D
 Acq On : 19 Aug 2021 14:51
 Operator : VA/SY
 Sample : M3418-08RE
 Misc : 3.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

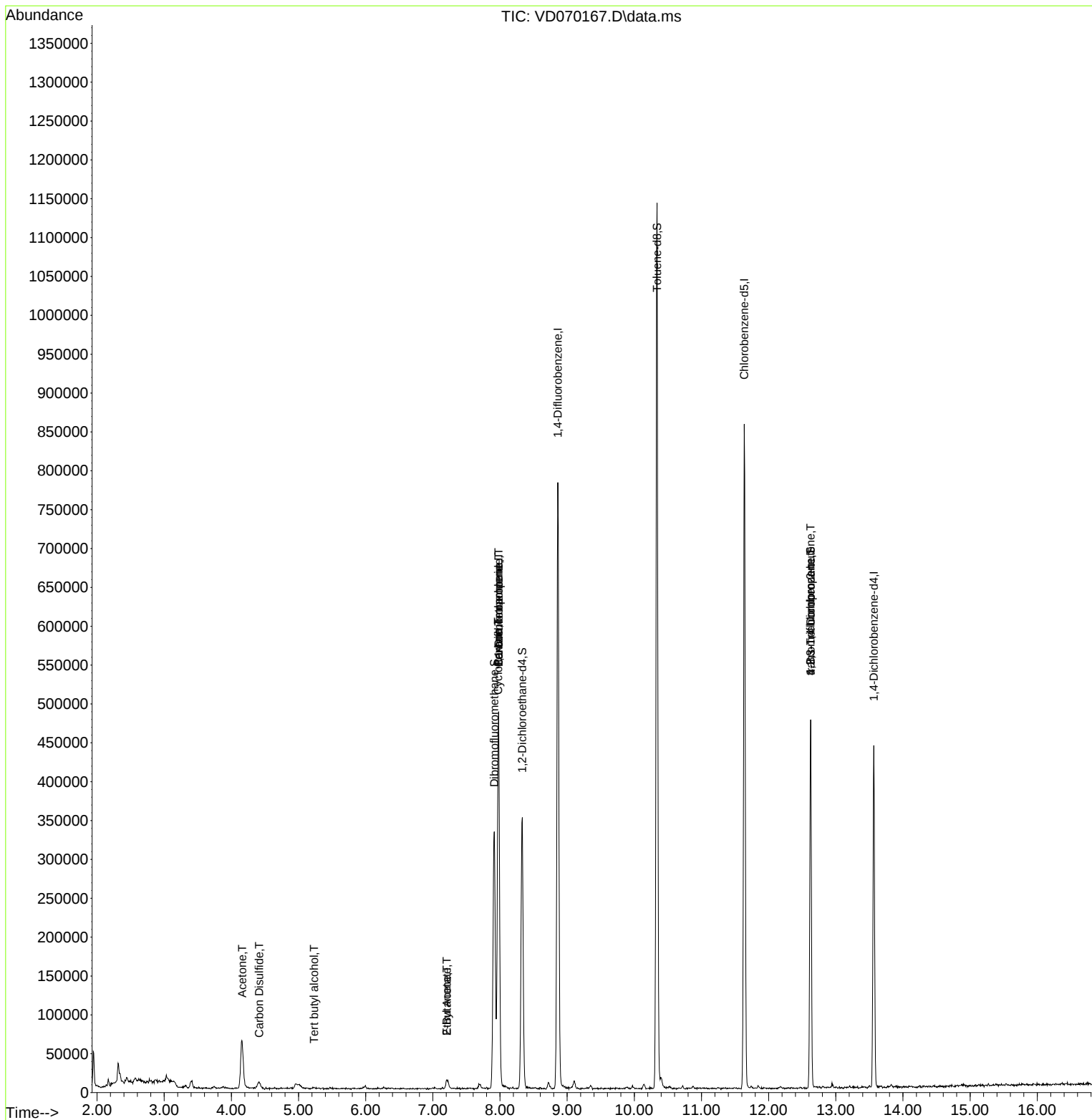
Quant Time: Aug 20 05:47:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

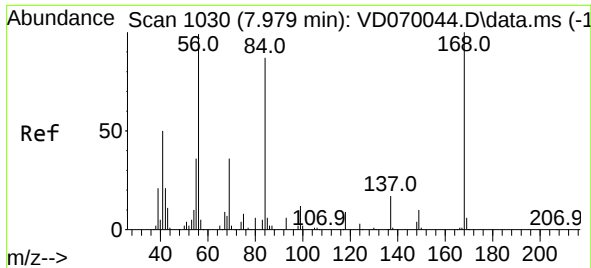
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	343738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	656642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	506125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	117701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	271365	67.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.240%	
35) Dibromofluoromethane	7.914	113	248582	58.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.200%	
50) Toluene-d8	10.338	98	781539	47.365	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.720%	
62) 4-Bromofluorobenzene	12.626	95	161069	29.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 59.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.979	85	312	Below Cal		82
3) Chloromethane	2.203	50	1141	Below Cal	#	23
5) Bromomethane	2.779	94	1290	Below Cal	#	66
11) Tert butyl alcohol	5.232	59	865	3.871	ug/l #	71
16) Acetone	4.162	43	107234	143.983	ug/l	98
17) Carbon Disulfide	4.414	76	17220	1.166	ug/l #	95
20) Methylene Chloride	4.961	84	5226	Below Cal	#	67
25) 2-Butanone	7.208	43	15174	14.910	ug/l	94
31) Cyclohexane	7.973	56	8827	1.103	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	30942	4.380	ug/l #	49
37) Ethyl Acetate	7.208	43	15174	5.914	ug/l #	85
38) Carbon Tetrachloride	7.979	117	36395	5.675	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	79823	66.873	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	79823	173.578	ug/l #	18

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

Quant Time: Aug 20 05:47:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

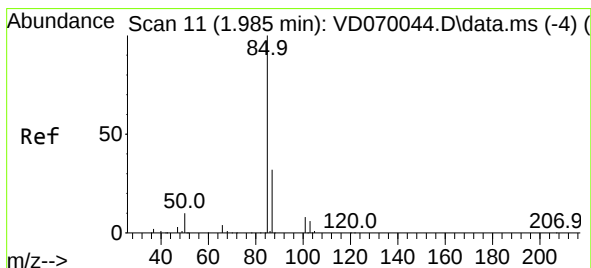
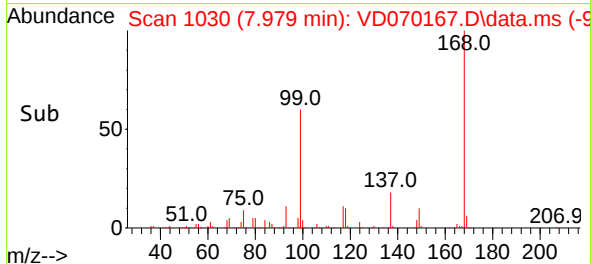
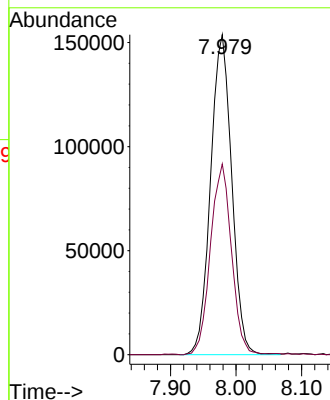
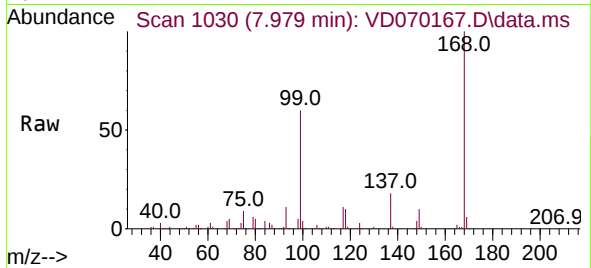




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

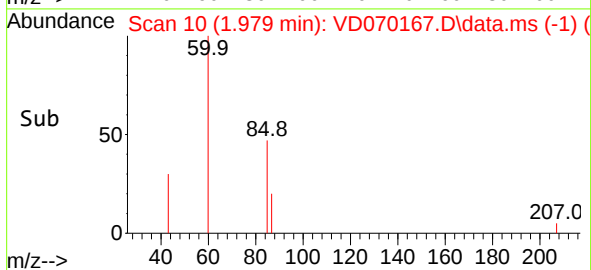
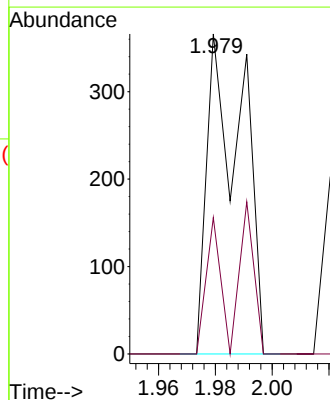
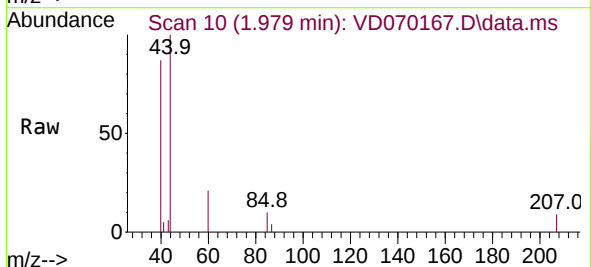
Instrument :
MSVOA_D
ClientSampleId :

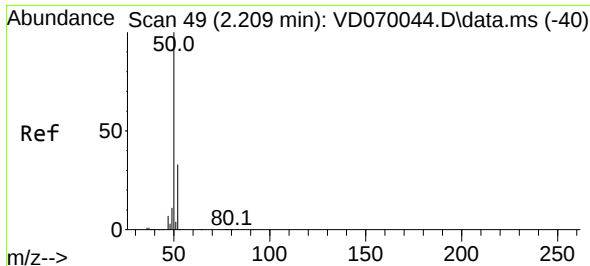
Tgt Ion:168 Resp: 343738
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion: 85 Resp: 312
Ion Ratio Lower Upper
85 100
87 42.6 16.2 48.6

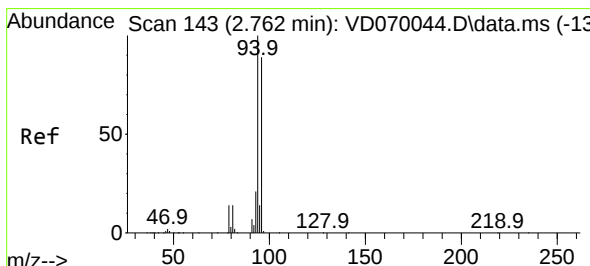
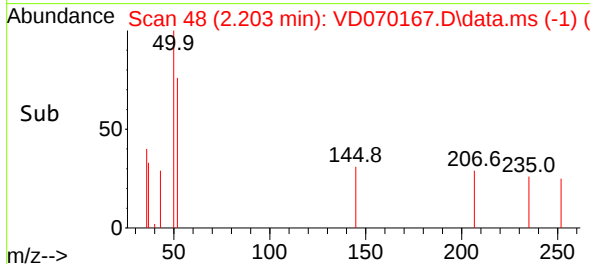
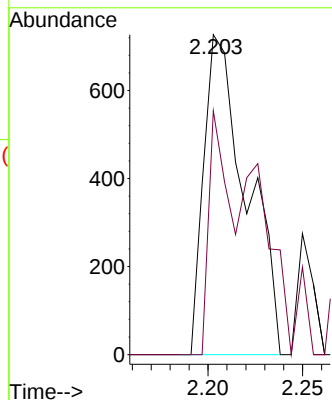
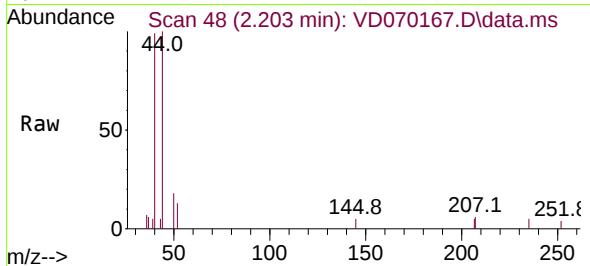




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

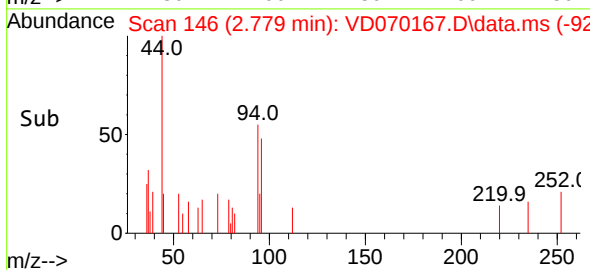
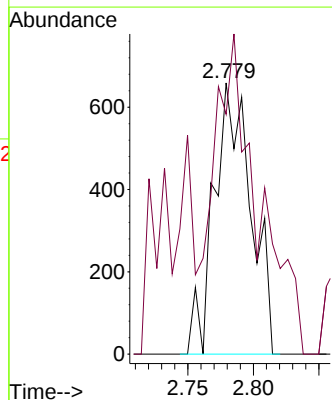
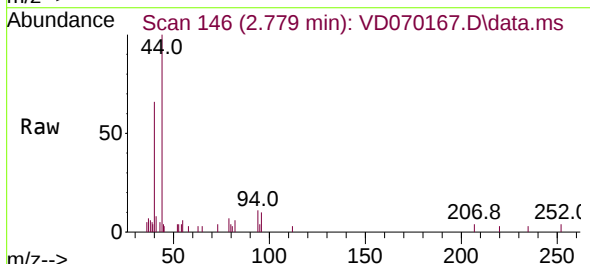
Instrument :
MSVOA_D
ClientSampleId :

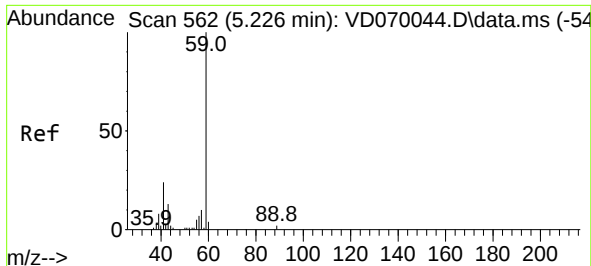
Tgt Ion: 50 Resp: 1141
Ion Ratio Lower Upper
50 100
52 76.2 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion: 94 Resp: 1290
Ion Ratio Lower Upper
94 100
96 56.9 70.9 106.3#



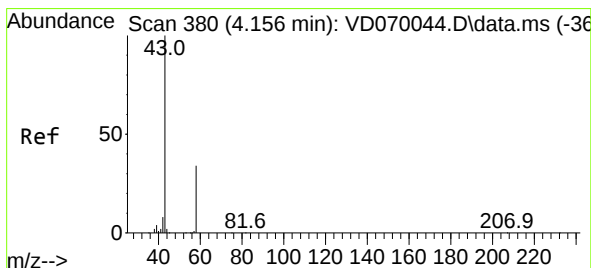
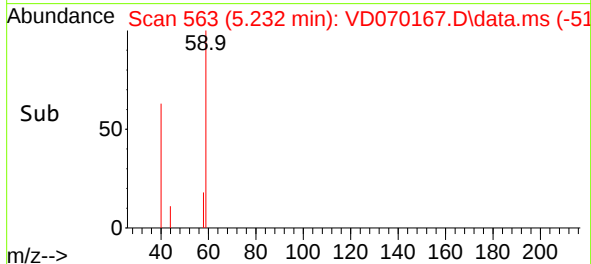
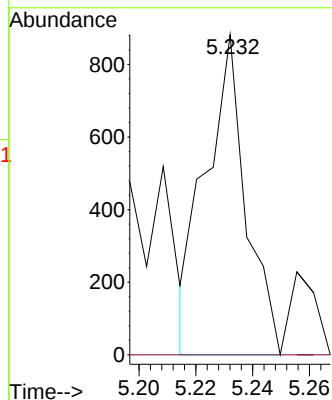
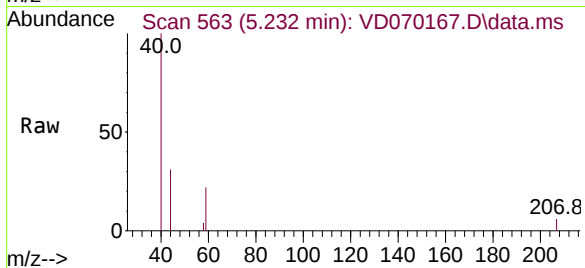


#11

Tert butyl alcohol
Concen: 3.871 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Instrument :
MSVOA_D
ClientSampled :

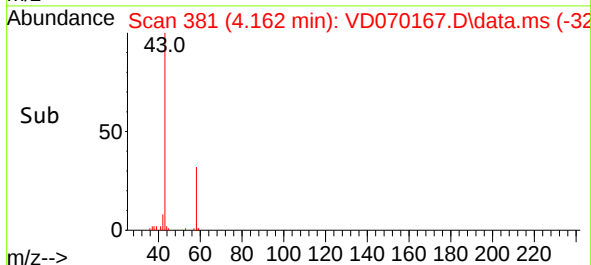
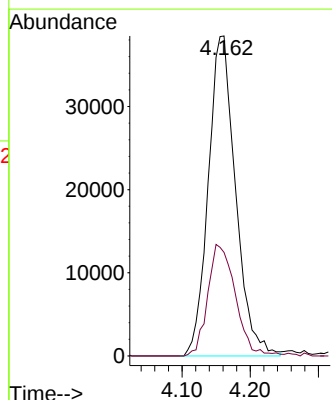
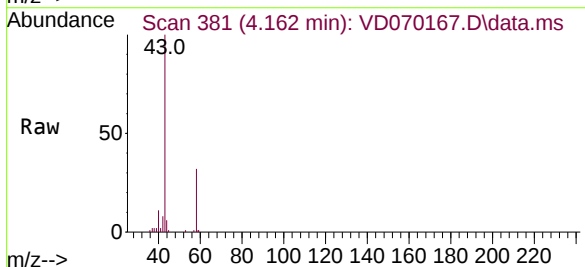
Tgt Ion: 59 Resp: 865
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

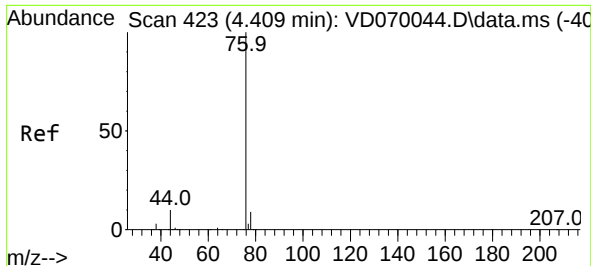


#16

Acetone
Concen: 143.983 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion: 43 Resp: 107234
Ion Ratio Lower Upper
43 100
58 32.4 26.8 40.2

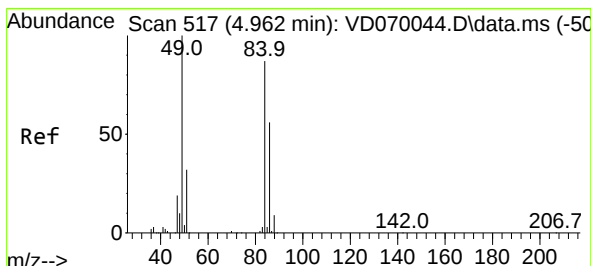
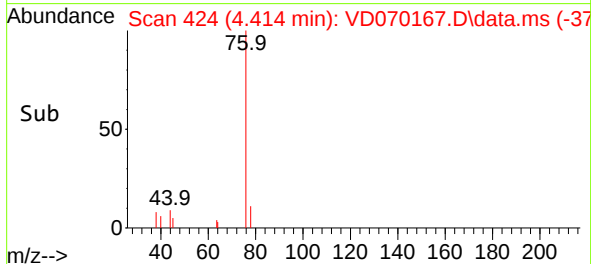
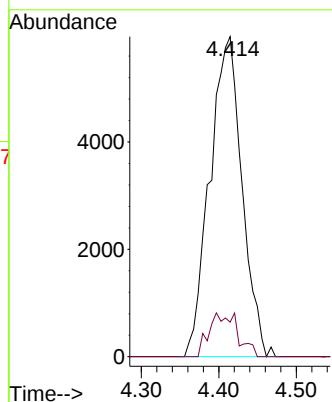
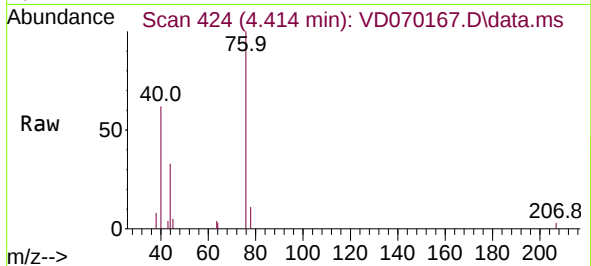




#17
Carbon Disulfide
Concen: 1.166 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

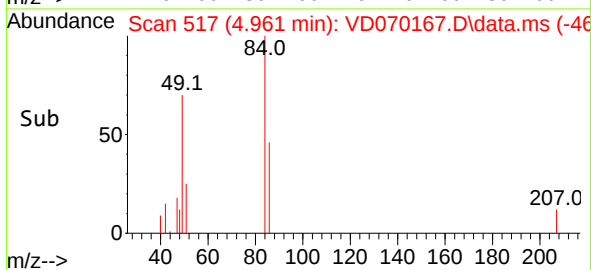
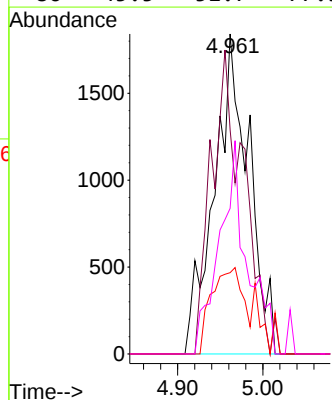
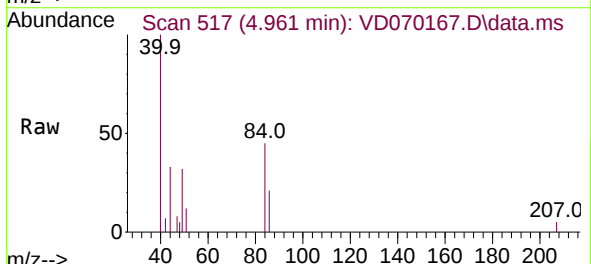
Instrument :
MSVOA_D
ClientSampleId :

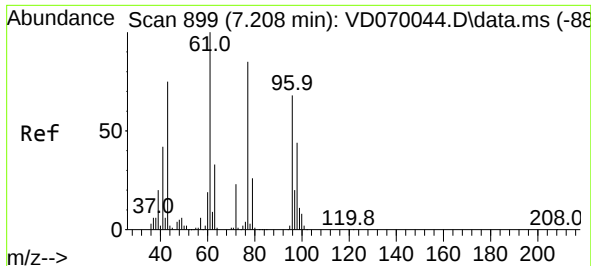
Tgt Ion: 76 Resp: 17220
Ion Ratio Lower Upper
76 100
78 10.8 7.1 10.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion: 84 Resp: 5226
Ion Ratio Lower Upper
84 100
49 70.1 92.5 138.7#
51 25.4 29.7 44.5#
86 45.5 51.7 77.5#

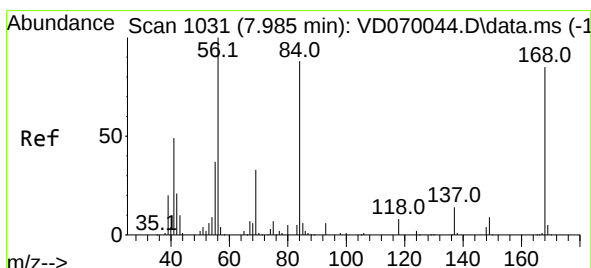
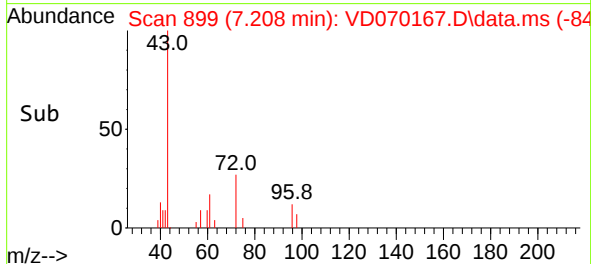
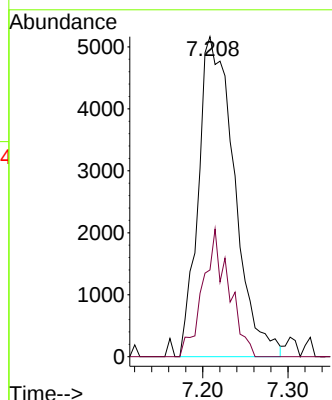
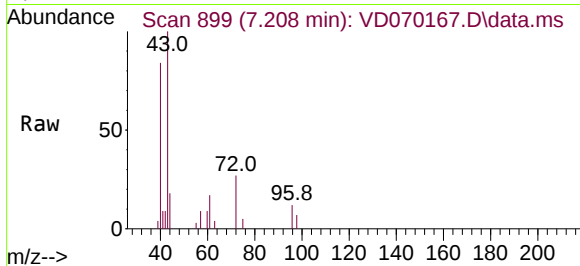




#25
2-Butanone
Concen: 14.910 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

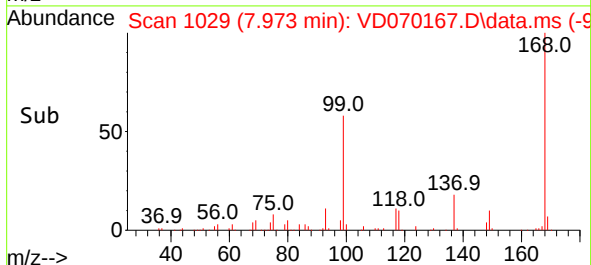
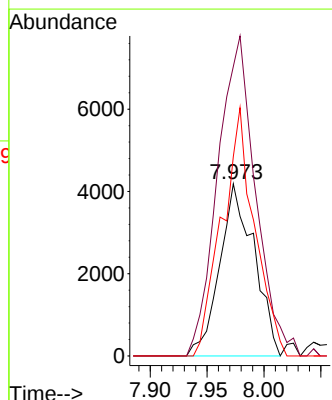
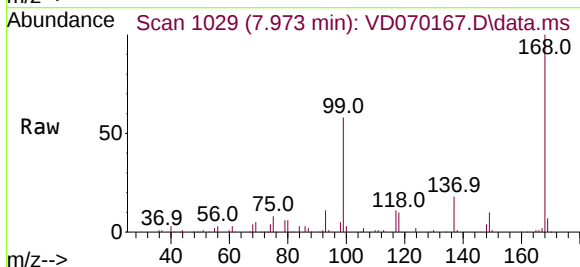
Instrument :
MSVOA_D
ClientSampleId :

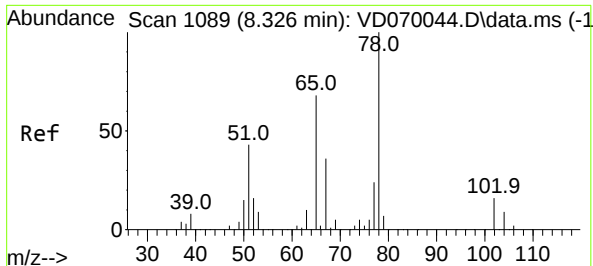
Tgt Ion: 43 Resp: 15174
Ion Ratio Lower Upper
43 100
72 27.1 24.2 36.4



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion: 56 Resp: 8827
Ion Ratio Lower Upper
56 100
69 168.2 26.7 40.1#
84 115.8 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 67.121 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD070167.D

Acq: 19 Aug 2021 14:51

Tgt Ion: 65 Resp: 271365

Ion Ratio Lower Upper

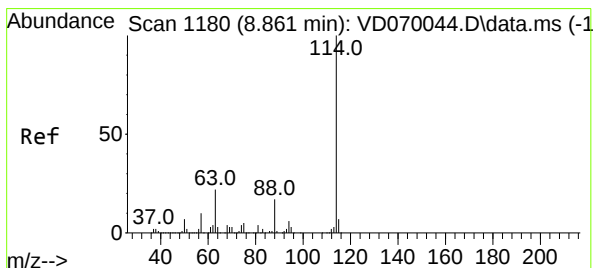
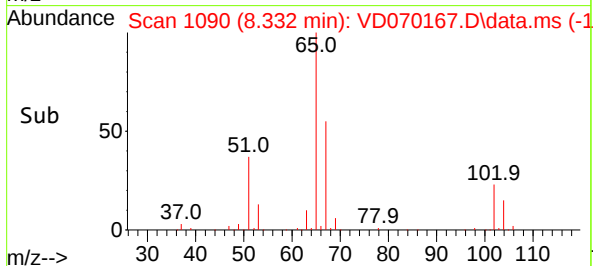
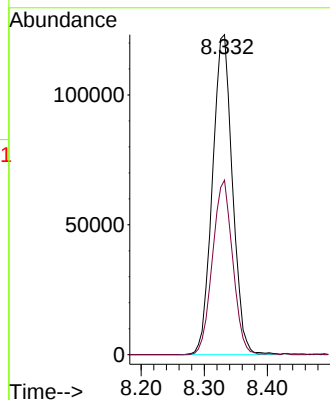
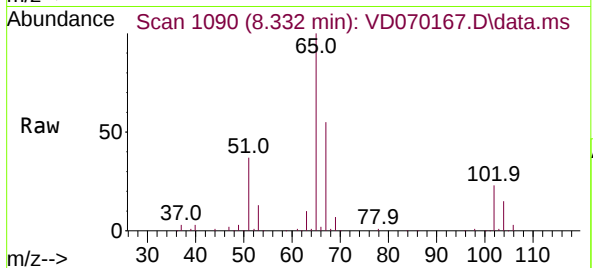
65 100

67 55.1 0.0 107.8

Instrument :

MSVOA_D

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070167.D

Acq: 19 Aug 2021 14:51

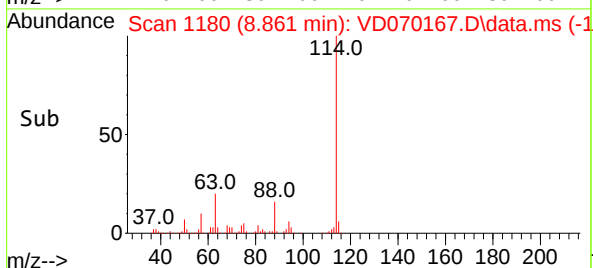
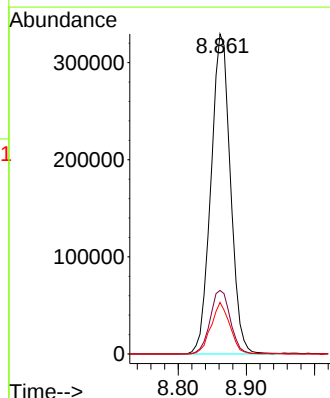
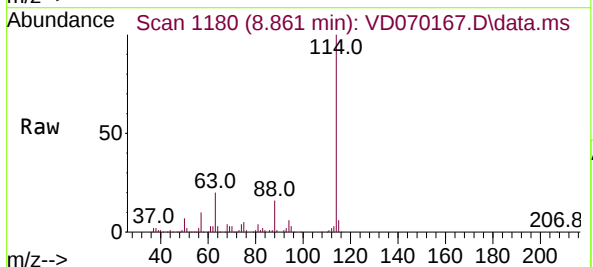
Tgt Ion:114 Resp: 656642

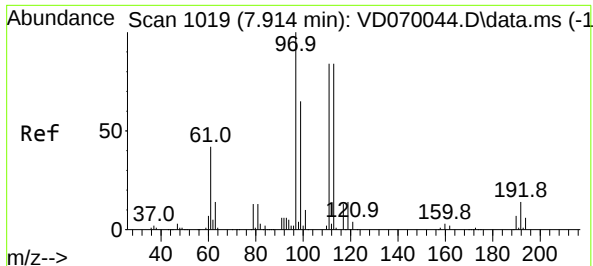
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 58.596 ug/l

RT: 7.914 min Scan# 1019

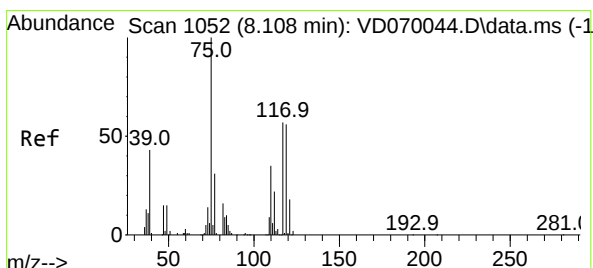
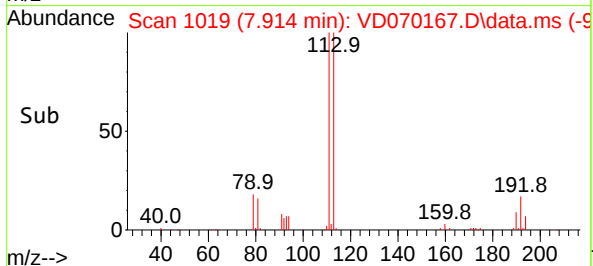
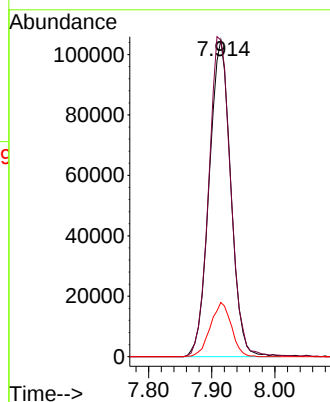
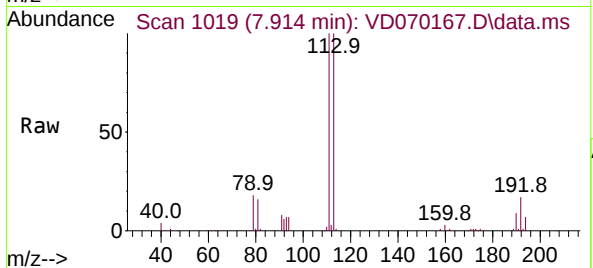
Delta R.T. -0.000 min

Lab File: VD070167.D

Acq: 19 Aug 2021 14:51

Tgt Ion:	113	Resp:	248582
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	16.7	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.380 ug/l

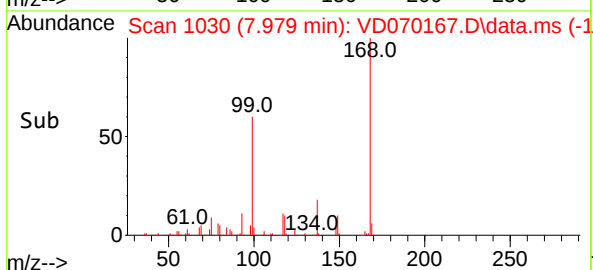
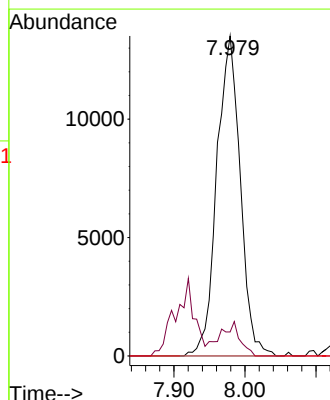
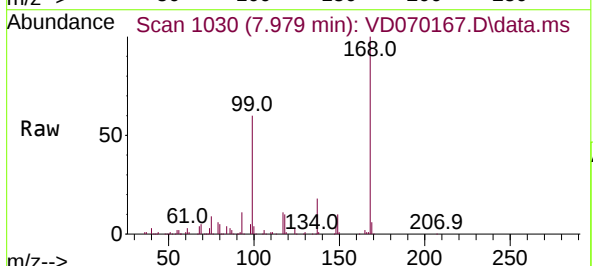
RT: 7.979 min Scan# 1030

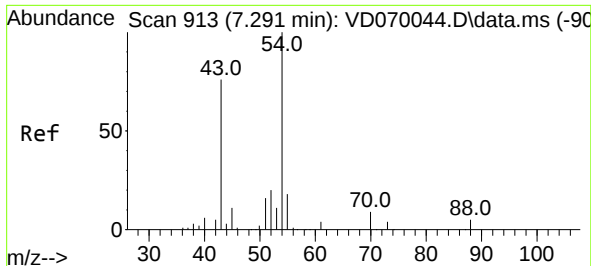
Delta R.T. -0.129 min

Lab File: VD070167.D

Acq: 19 Aug 2021 14:51

Tgt Ion:	75	Resp:	30942
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.9	50.7#
77	0.0	25.2	37.8#

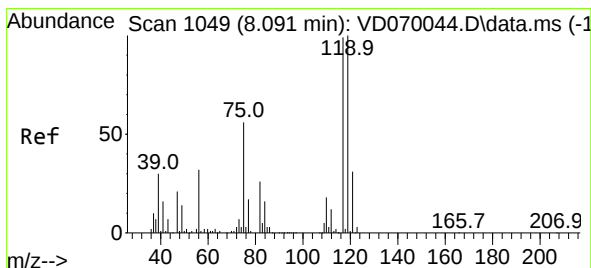
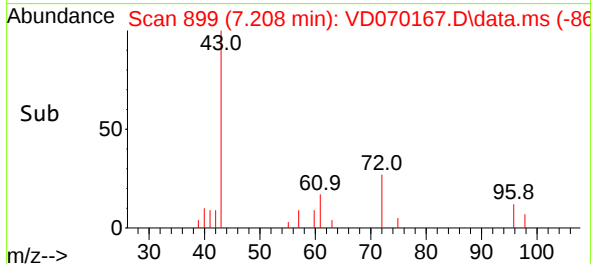
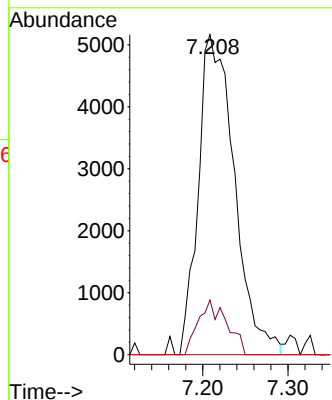
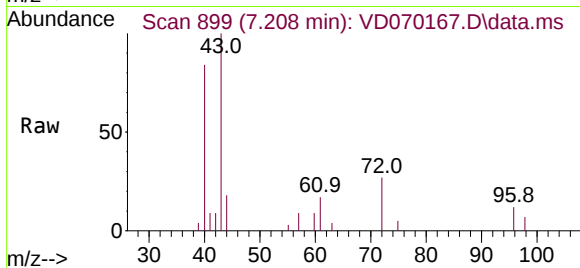




#37
Ethyl Acetate
Concen: 5.914 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

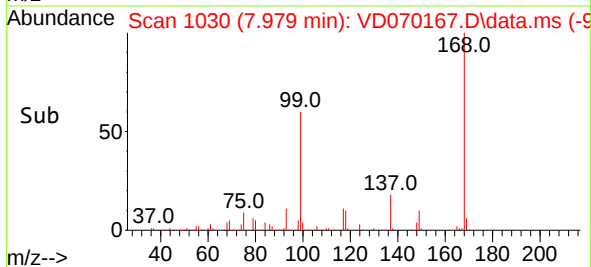
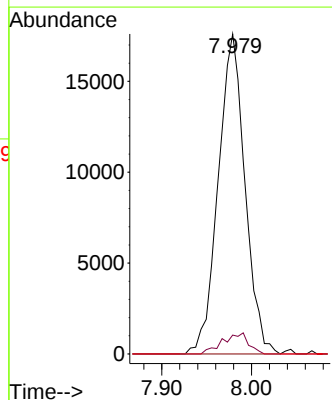
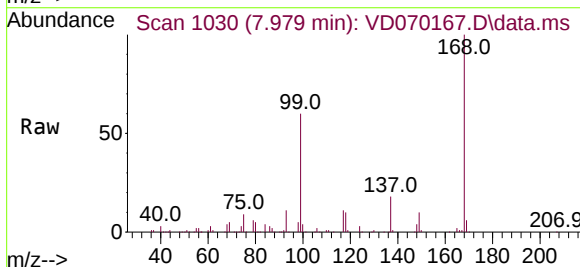
Instrument :
MSVOA_D
ClientSampleId :

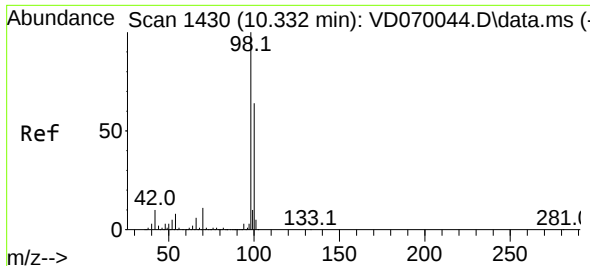
Tgt Ion:	43	Resp:	15174
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.8	17.6
70	0.0	9.0	13.6#



#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion:	117	Resp:	36395
Ion	Ratio	Lower	Upper
117	100		
119	5.9	81.0	121.6#
121	0.0	25.0	37.6#

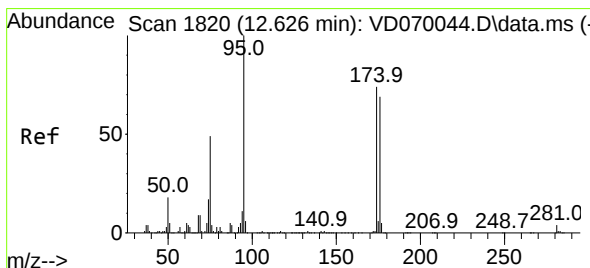
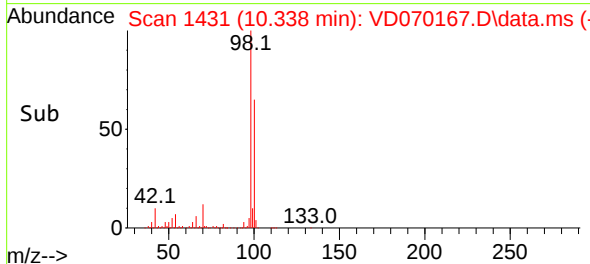
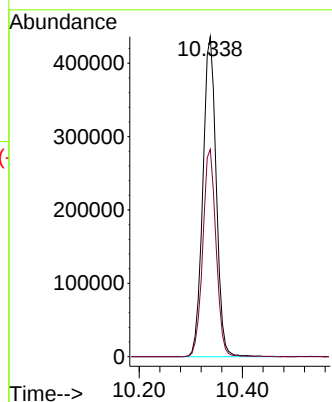
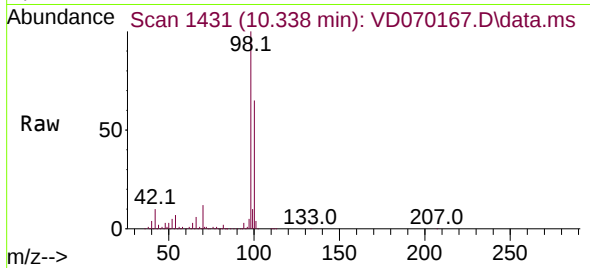




#50
Toluene-d8
Concen: 47.365 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

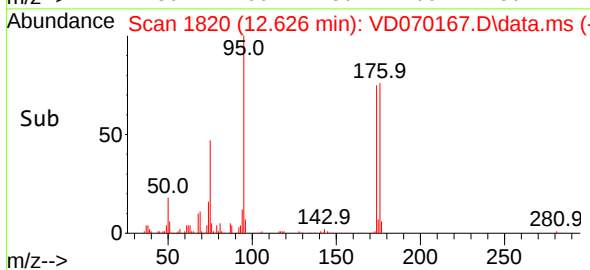
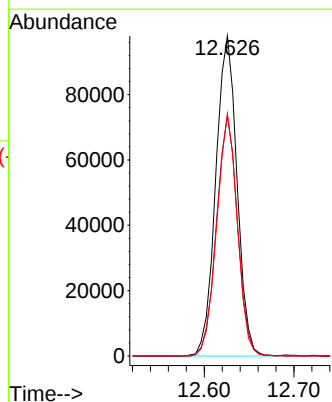
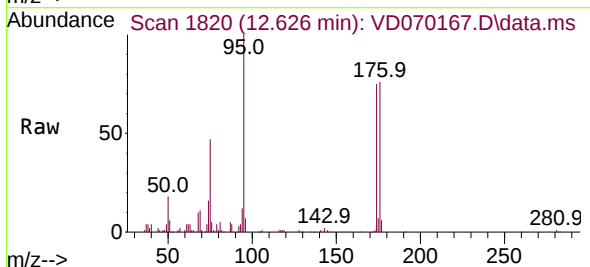
Instrument :
MSVOA_D
ClientSampleId :

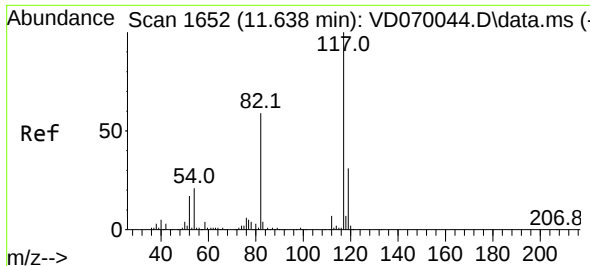
Tgt Ion: 98 Resp: 781539
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 29.637 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion: 95 Resp: 161069
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 72.9 0.0 138.2

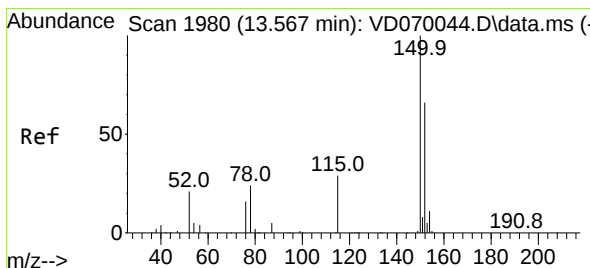
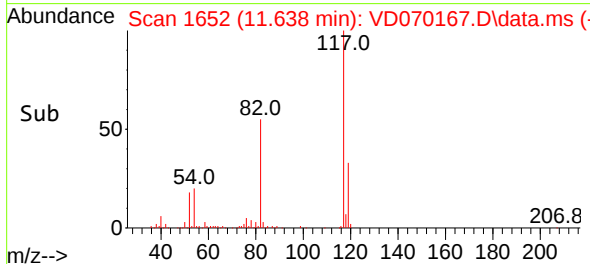
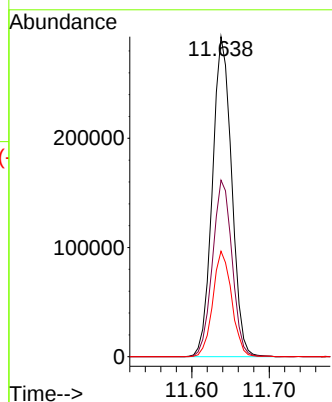
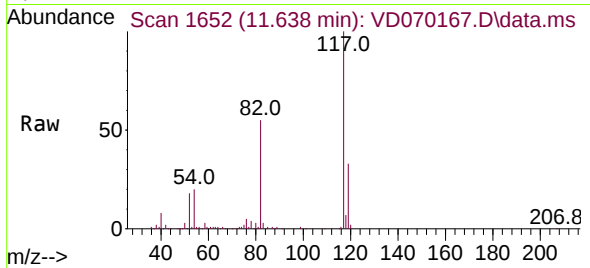




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

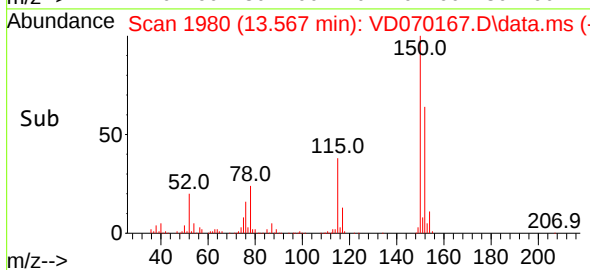
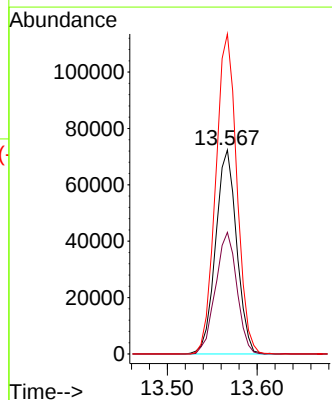
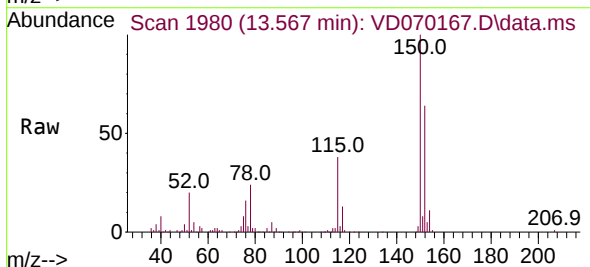
Instrument :
MSVOA_D
ClientSampleId :

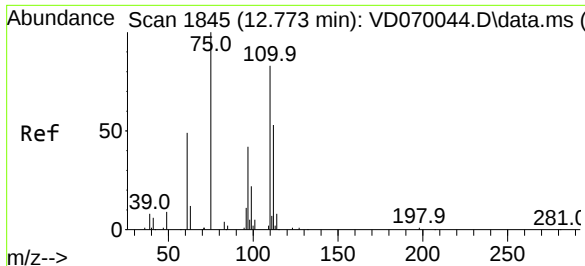
Tgt Ion:117 Resp: 506125
Ion Ratio Lower Upper
117 100
82 55.2 47.5 71.3
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion:152 Resp: 117701
Ion Ratio Lower Upper
152 100
115 60.5 31.2 93.6
150 157.4 0.0 352.0

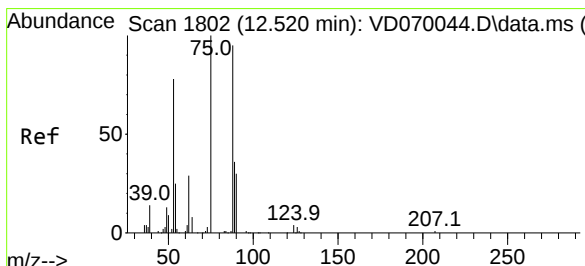
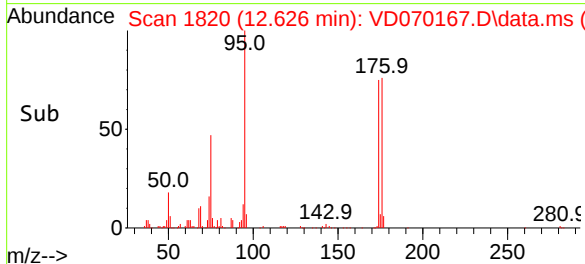
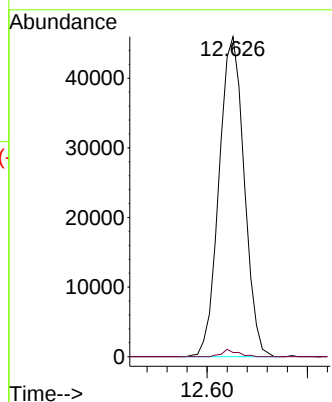
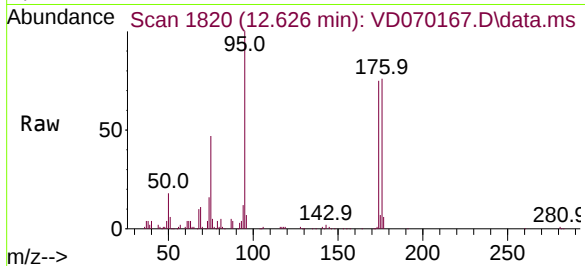




#76
1,2,3-Trichloropropane
Concen: 66.873 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 79823
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 173.578 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070167.D
Acq: 19 Aug 2021 14:51

Tgt Ion: 75 Resp: 79823
Ion Ratio Lower Upper
75 100
53 0.7 64.5 96.7#
89 0.0 33.7 50.5#

