

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070211.D
 Acq On : 20 Aug 2021 19:11
 Operator : VA/SY
 Sample : M3463-17
 Misc : 4.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

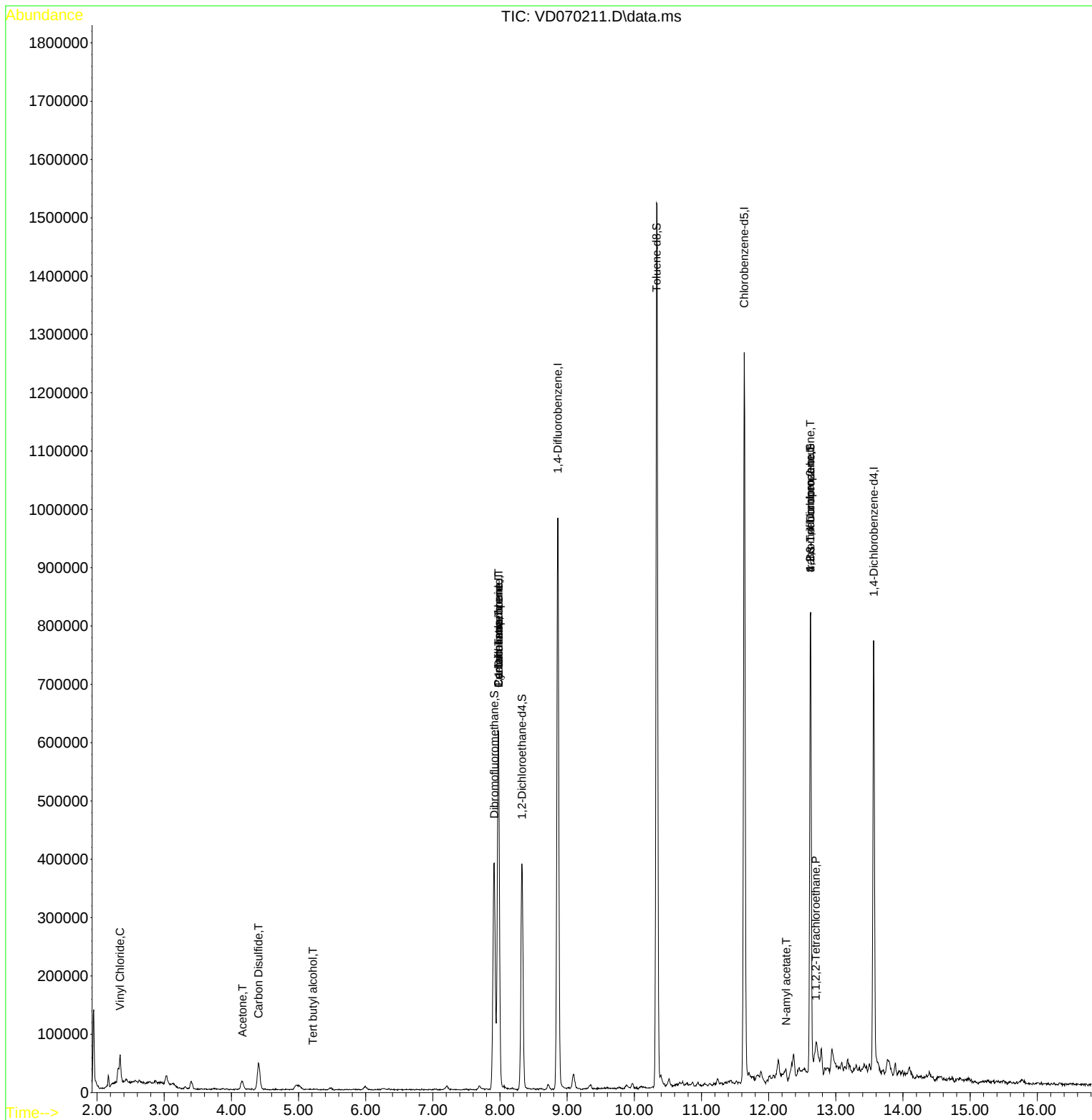
Quant Time: Aug 23 03:55:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

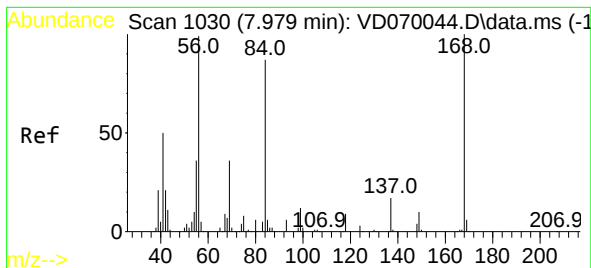
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	439039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	835450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	721384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	198066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	304078	58.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.780%			
35) Dibromofluoromethane	7.914	113	293175	54.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.640%			
50) Toluene-d8	10.332	98	1055693	50.287	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.620	95	273351	39.532	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	175	Below Cal	#	42
3) Chloromethane	2.209	50	879	Below Cal		89
4) Vinyl Chloride	2.344	62	10576	1.423	ug/l	99
5) Bromomethane	2.773	94	1976	Below Cal		90
11) Tert butyl alcohol	5.214	59	679	2.379	ug/l #	71
16) Acetone	4.167	43	26504	27.862	ug/l	97
17) Carbon Disulfide	4.403	76	96524	5.118	ug/l	96
20) Methylene Chloride	4.967	84	4932	Below Cal		95
31) Cyclohexane	7.979	56	11758	1.150	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	41377	4.604	ug/l #	49
38) Carbon Tetrachloride	7.979	117	45731	5.605	ug/l #	13
74) N-amyl acetate	12.261	43	5594	1.796	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.702	83	7706	2.674	ug/l #	50
76) 1,2,3-Trichloropropane	12.620	75	136334	67.873	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	136334	176.173	ug/l #	18

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

Quant Time: Aug 23 03:55:23 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

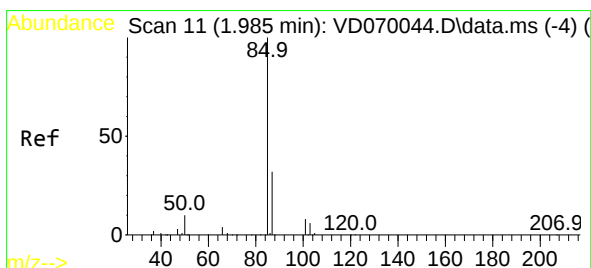
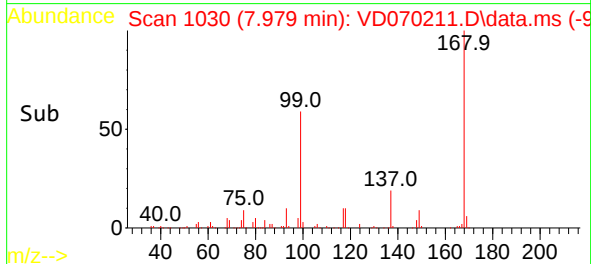
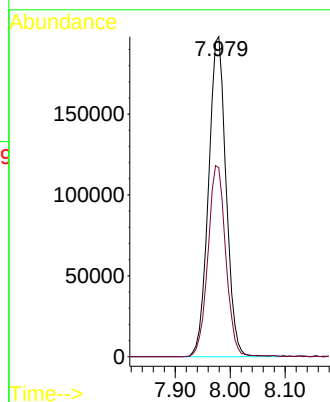
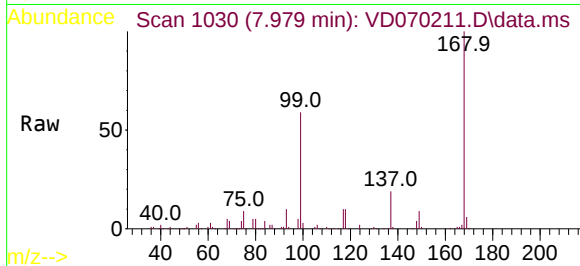




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

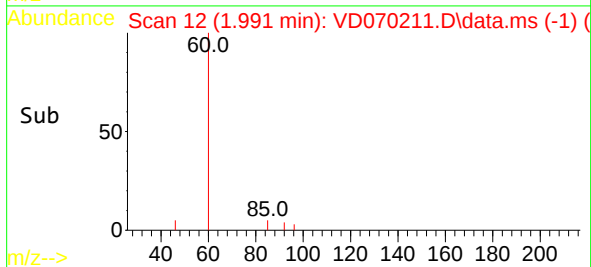
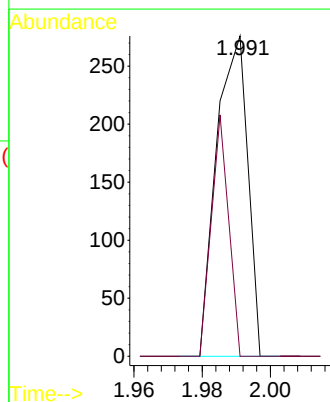
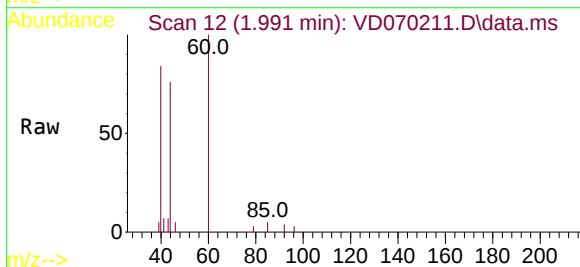
Instrument :
MSVOA_D
ClientSampleId :

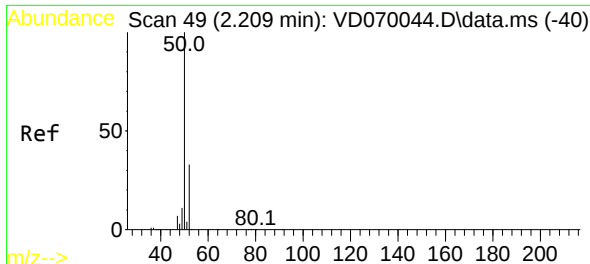
Tgt Ion:168 Resp: 439039
Ion Ratio Lower Upper
168 100
99 59.1 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

Tgt Ion: 85 Resp: 175
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

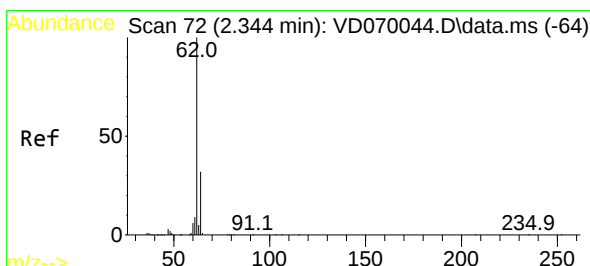
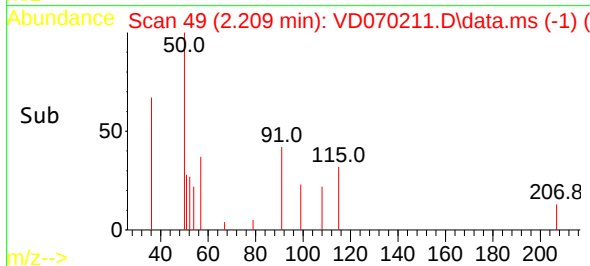
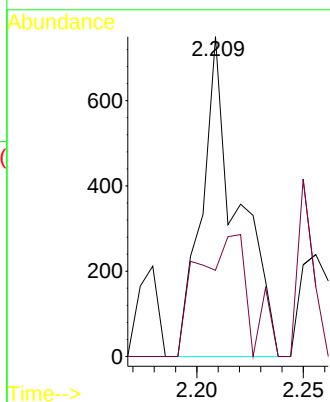
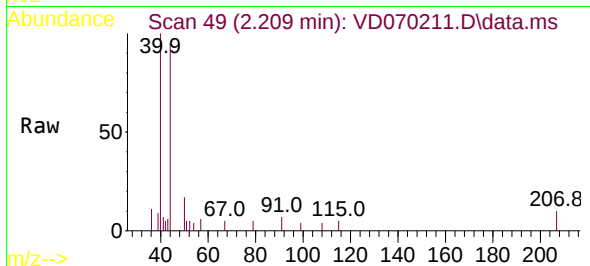




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

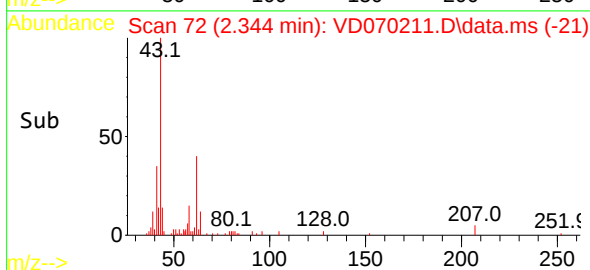
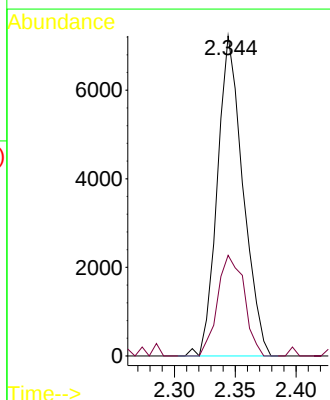
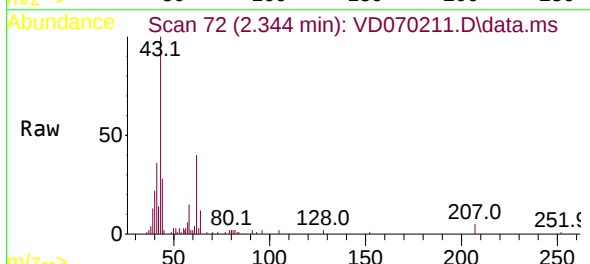
Instrument :
MSVOA_D
ClientSampleId :

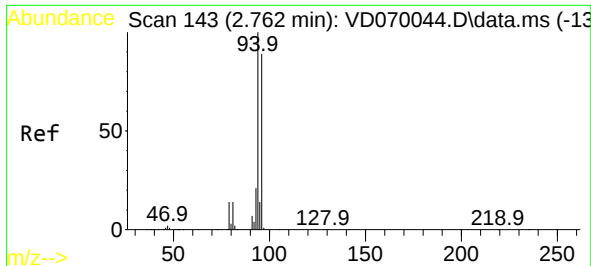
Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 26.9 26.3 39.5



#4
Vinyl Chloride
Concen: 1.423 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

Tgt Ion: 62 Resp: 10576
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5

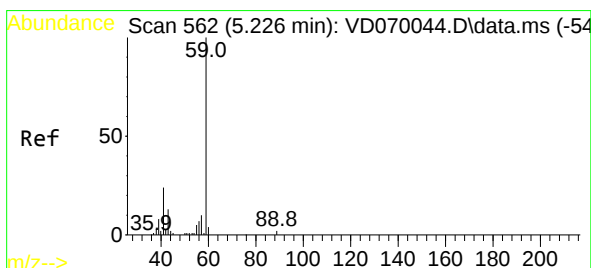
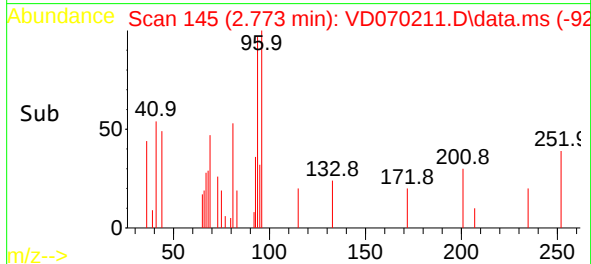
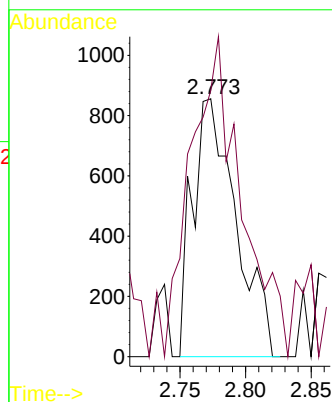
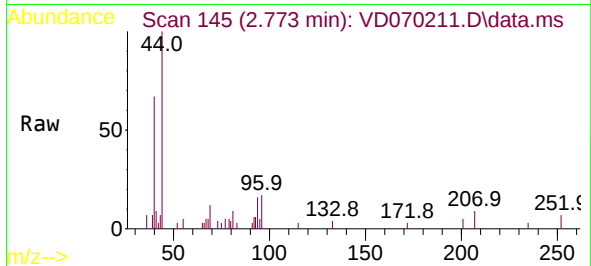




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

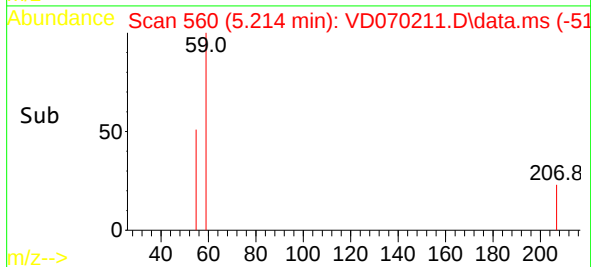
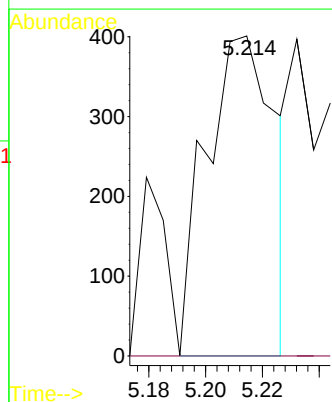
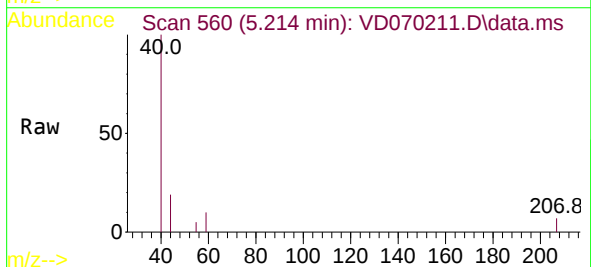
Instrument :
MSVOA_D
ClientSampleID :

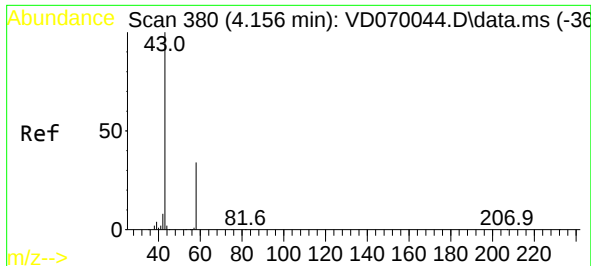
Tgt Ion: 94 Resp: 1976
Ion Ratio Lower Upper
94 100
96 79.7 70.9 106.3



#11
Tert butyl alcohol
Concen: 2.379 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

Tgt Ion: 59 Resp: 679
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

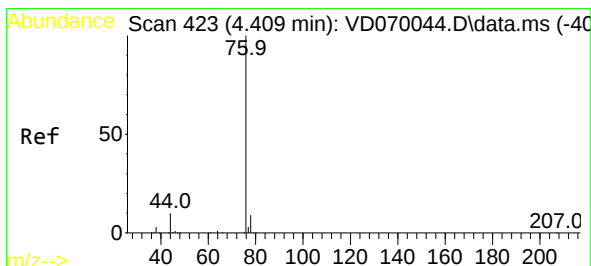
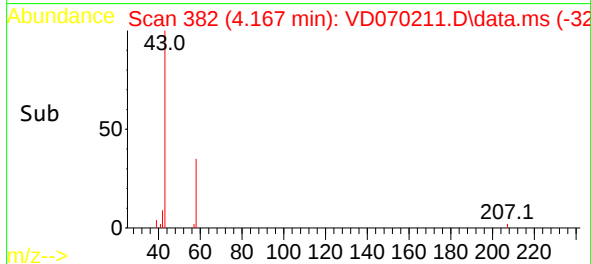
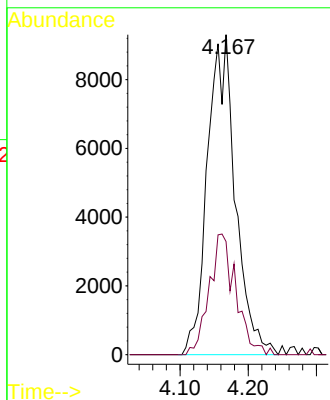
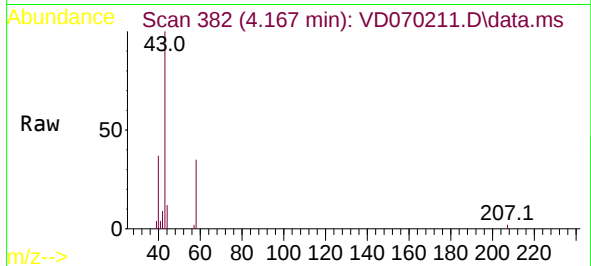




#16
Acetone
Concen: 27.862 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

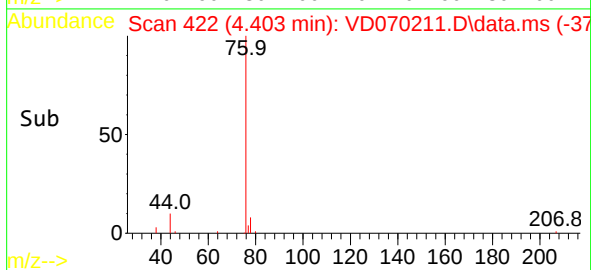
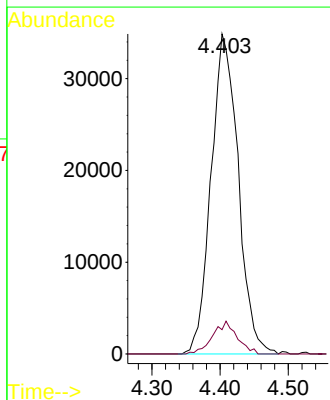
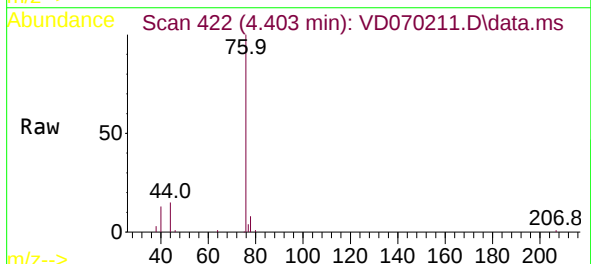
Instrument :
MSVOA_D
ClientSampleId :

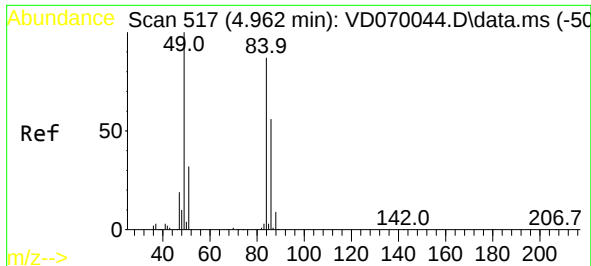
Tgt Ion: 43 Resp: 26504
Ion Ratio Lower Upper
43 100
58 35.3 26.8 40.2



#17
Carbon Disulfide
Concen: 5.118 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

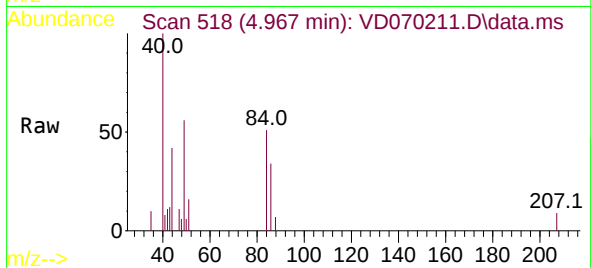
Tgt Ion: 76 Resp: 96524
Ion Ratio Lower Upper
76 100
78 7.6 7.1 10.7



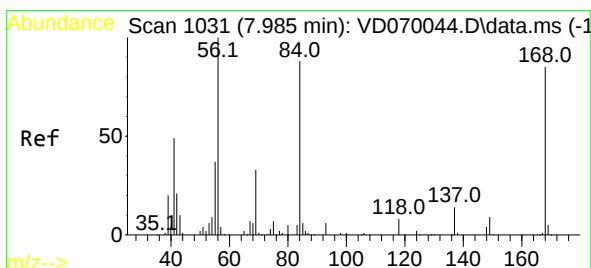
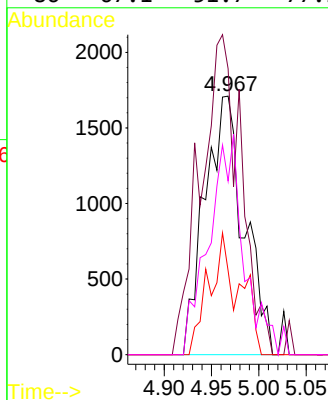
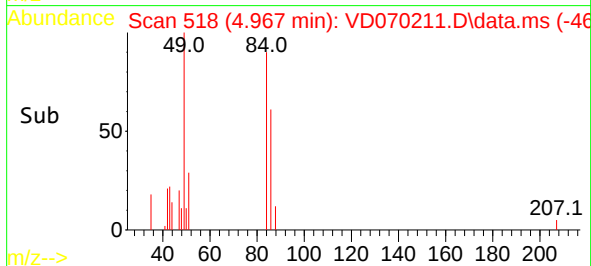


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

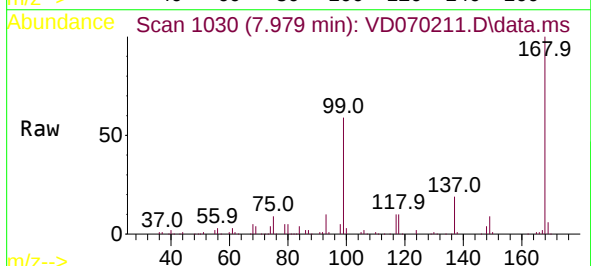
Instrument :
MSVOA_D
ClientSampleId :



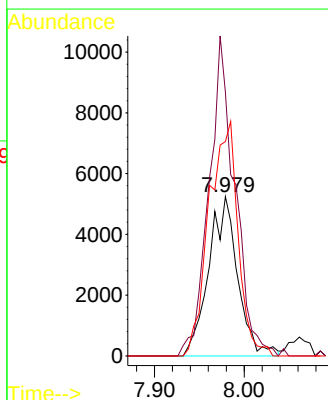
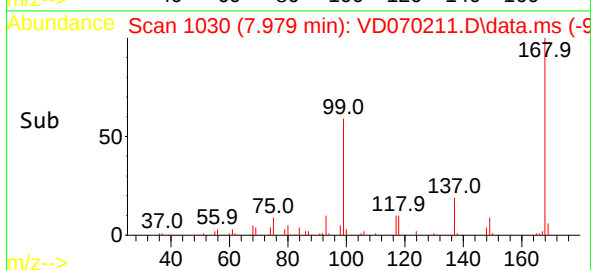
Tgt Ion:	84	Resp:	4932
Ion	Ratio	Lower	Upper
84	100		
49	110.5	92.5	138.7
51	32.4	29.7	44.5
86	67.1	51.7	77.5

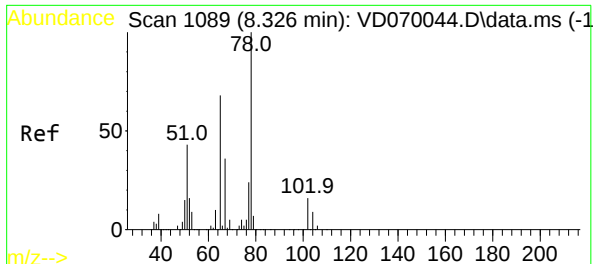


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11



Tgt Ion:	56	Resp:	11758
Ion	Ratio	Lower	Upper
56	100		
69	165.5	26.7	40.1#
84	134.6	70.4	105.6#

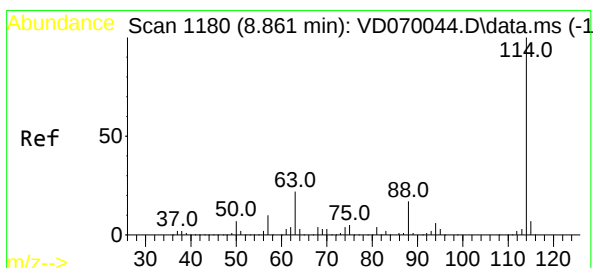
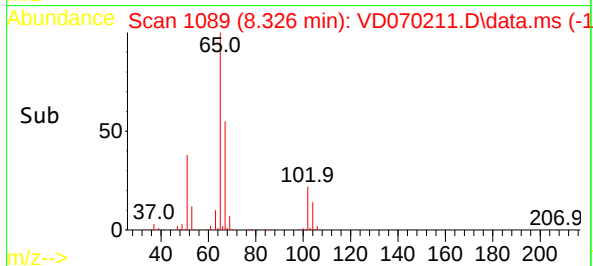
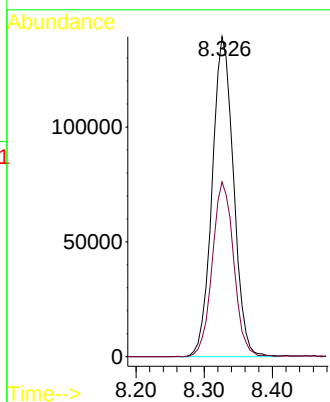
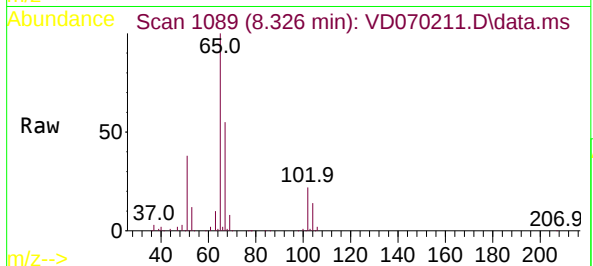




#33
1,2-Dichloroethane-d4
Concen: 58.887 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

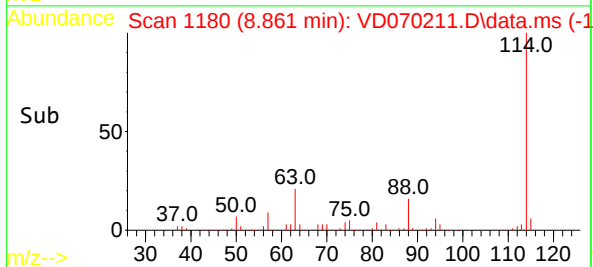
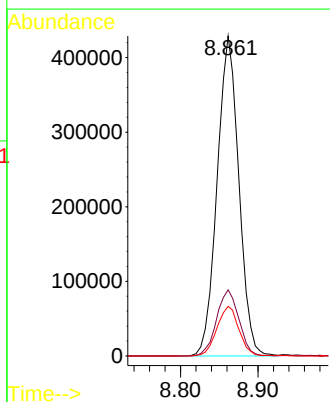
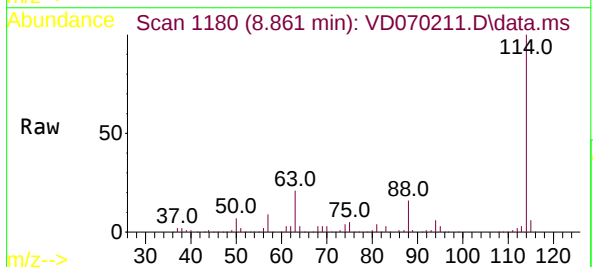
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MSVOA_D
ClientSampleId :

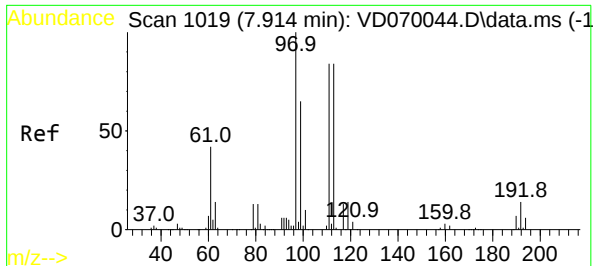
Tgt Ion: 65 Resp: 304078
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

Tgt Ion: 114 Resp: 835450
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.316 ug/l

RT: 7.914 min Scan# 1019

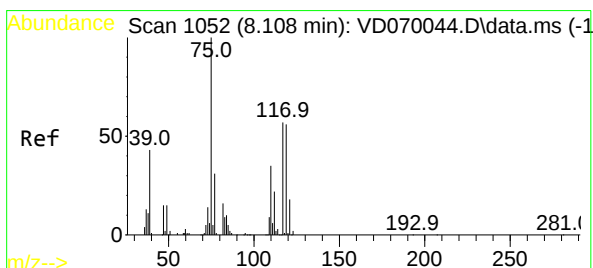
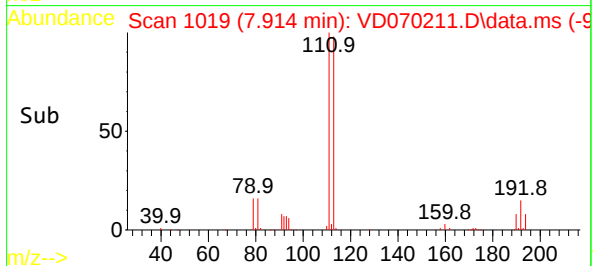
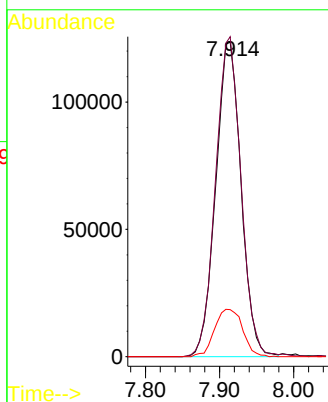
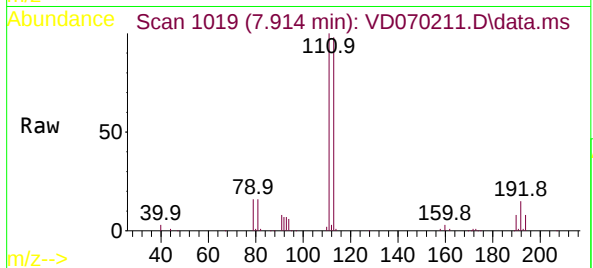
Delta R.T. -0.000 min

Lab File: VD070211.D

Acq: 20 Aug 2021 19:11

Tgt Ion:	113	Resp:	293175
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	16.7	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.604 ug/l

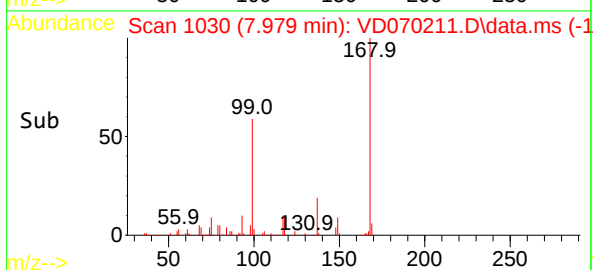
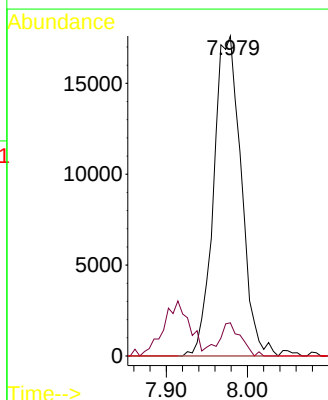
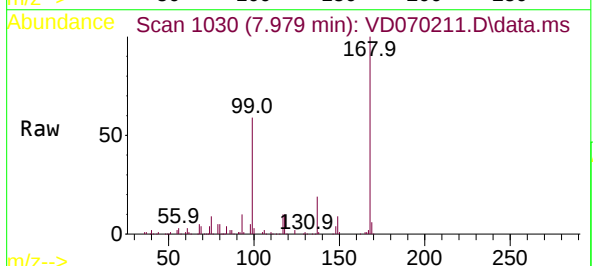
RT: 7.979 min Scan# 1030

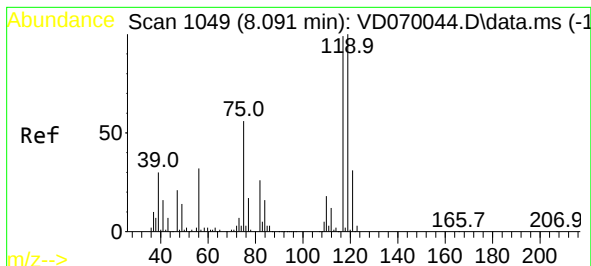
Delta R.T. -0.129 min

Lab File: VD070211.D

Acq: 20 Aug 2021 19:11

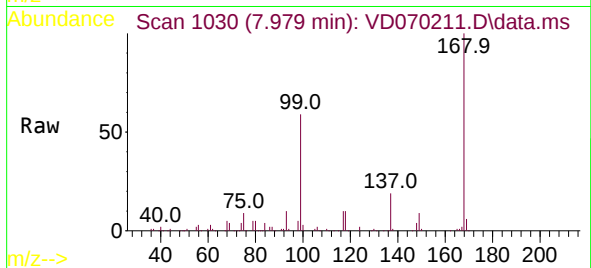
Tgt Ion:	75	Resp:	41377
Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.9	50.7#
77	0.0	25.2	37.8#



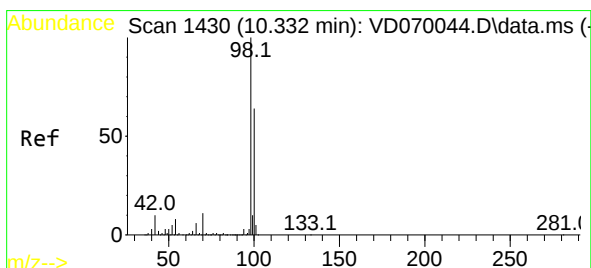
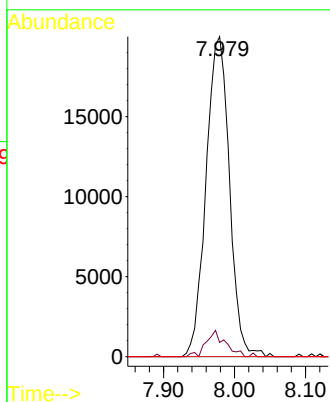
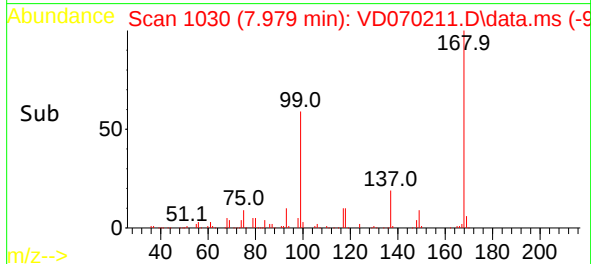


#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

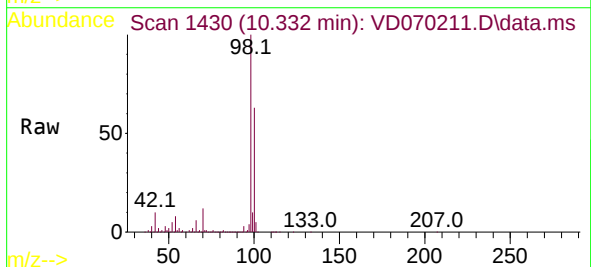
Instrument :
MSVOA_D
ClientSampleId :



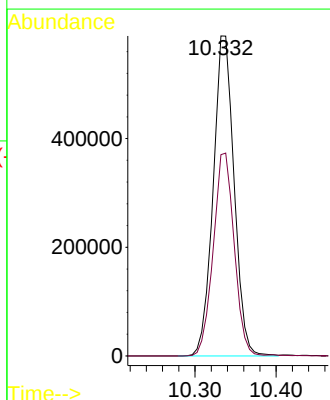
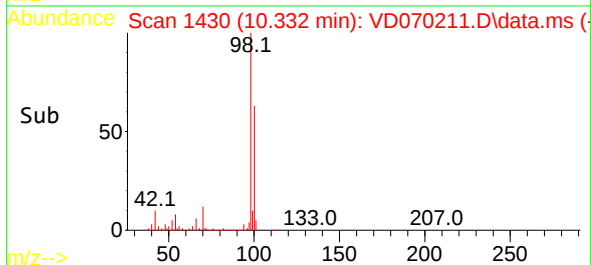
Tgt Ion:117 Resp: 45731
Ion Ratio Lower Upper
117 100
119 4.4 81.0 121.6#
121 0.0 25.0 37.6#

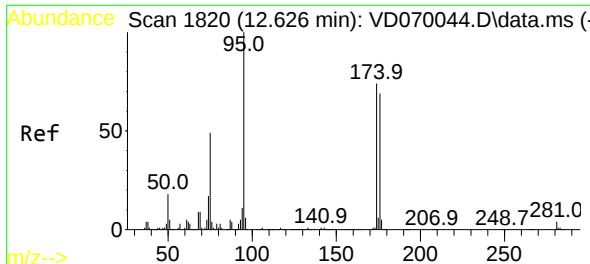


#50
Toluene-d8
Concen: 50.287 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11



Tgt Ion: 98 Resp: 1055693
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8

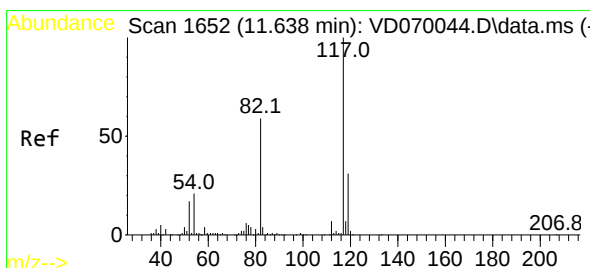
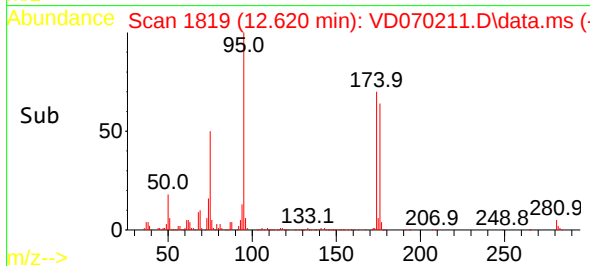
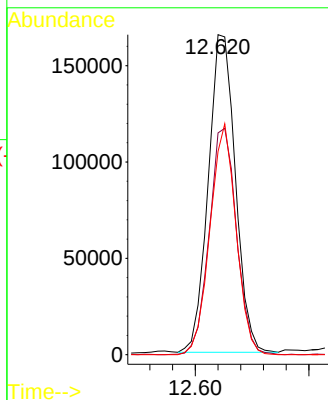
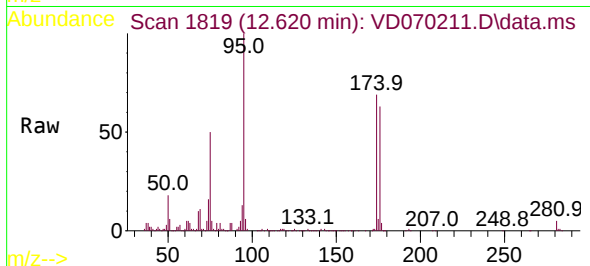




#62
4-Bromofluorobenzene
Concen: 39.532 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

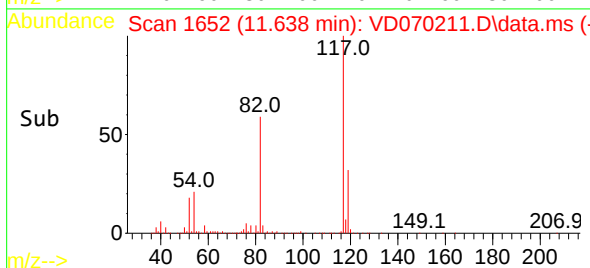
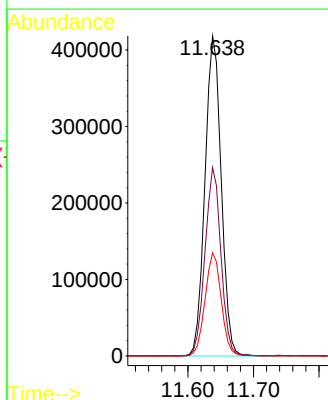
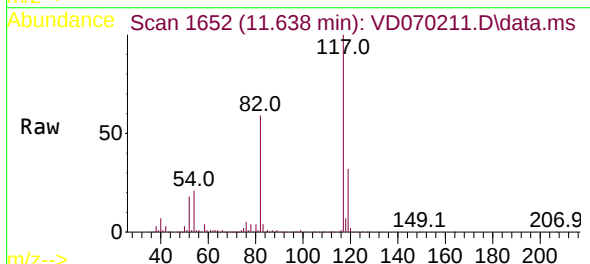
Instrument :
MSVOA_D
ClientSampleId :

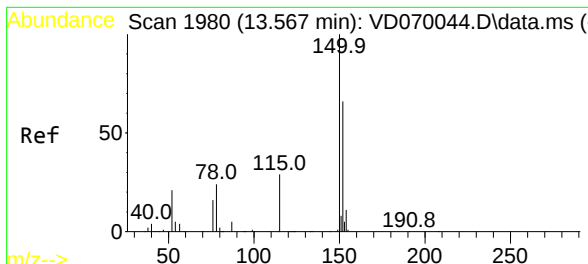
Tgt Ion: 95 Resp: 273351
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

Tgt Ion: 117 Resp: 721384
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 32.2 25.1 37.7

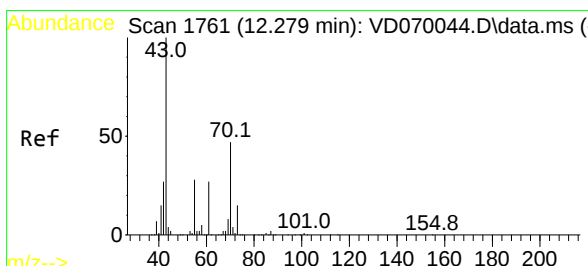
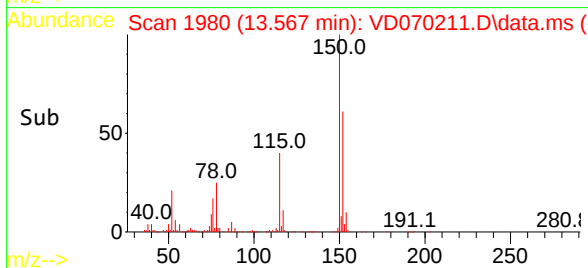
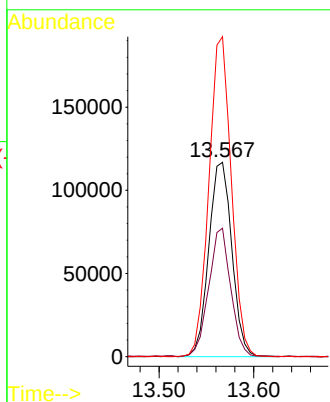
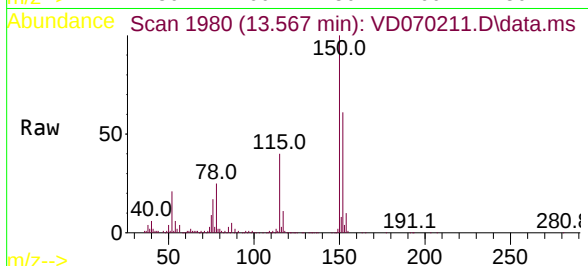




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

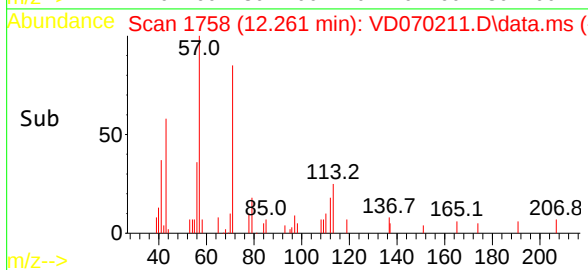
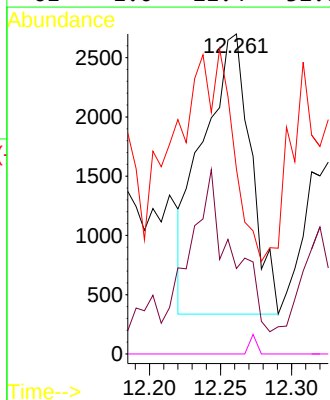
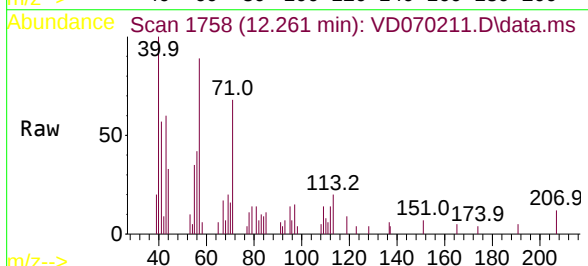
Instrument :
MSVOA_D
ClientSampleId :

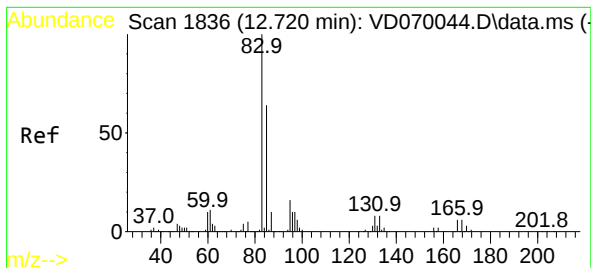
Tgt Ion:152 Resp: 198066
Ion Ratio Lower Upper
152 100
115 63.1 31.2 93.6
150 159.6 0.0 352.0



#74
N-ethyl acetate
Concen: 1.796 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

Tgt Ion: 43 Resp: 5594
Ion Ratio Lower Upper
43 100
70 0.0 37.2 55.8#
55 0.0 22.9 34.3#
61 1.0 21.4 32.0#

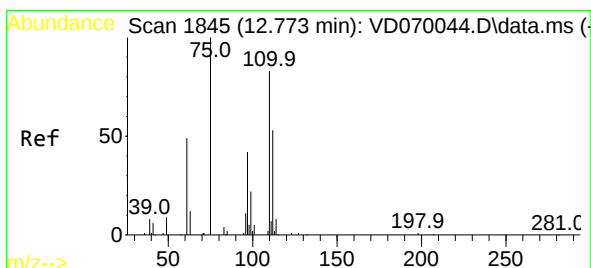
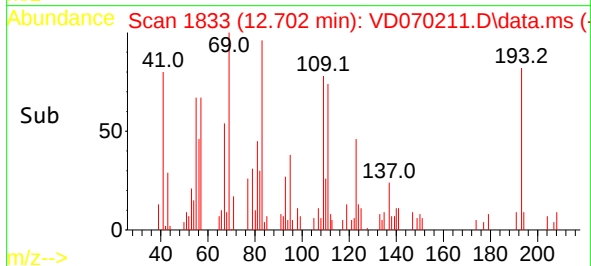
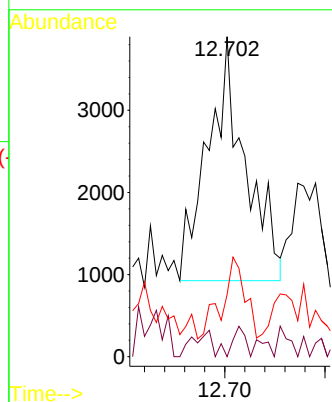
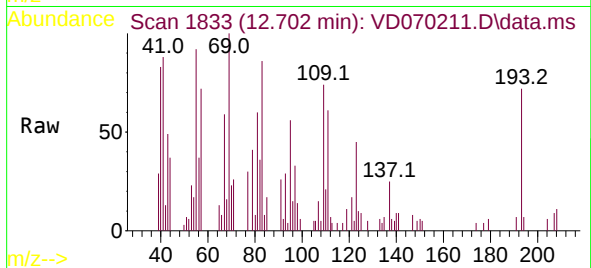




#75
1,1,2,2-Tetrachloroethane
Concen: 2.674 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

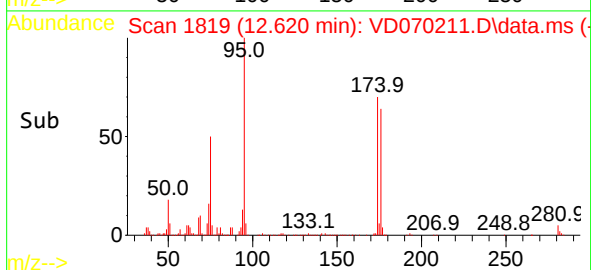
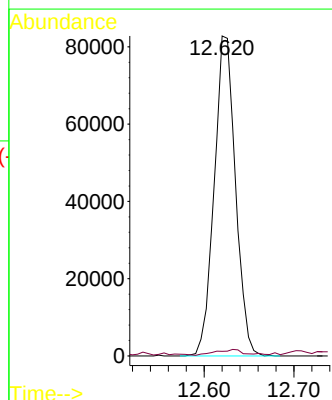
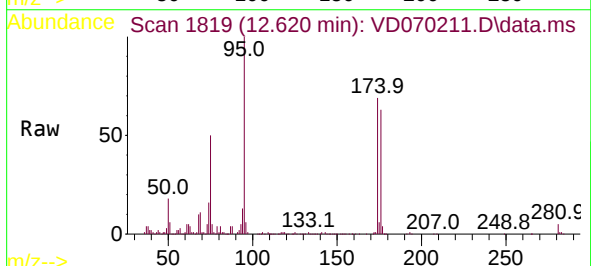
Instrument :
MSVOA_D
ClientSampleId :

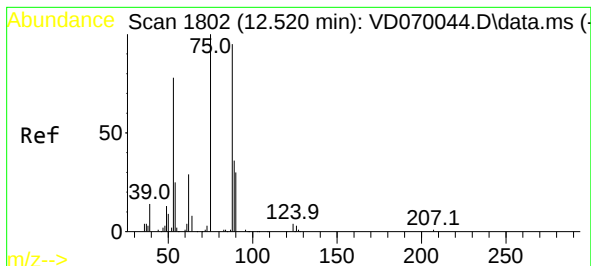
Tgt Ion: 83 Resp: 7706
Ion Ratio Lower Upper
83 100
131 3.8 4.5 13.7#
85 20.8 31.9 95.5#



#76
1,2,3-Trichloropropane
Concen: 67.873 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

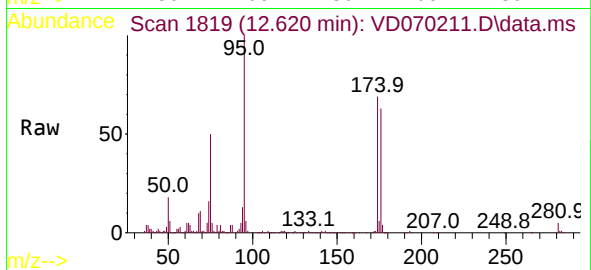
Tgt Ion: 75 Resp: 136334
Ion Ratio Lower Upper
75 100
77 2.5 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 176.173 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070211.D
Acq: 20 Aug 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 136334
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

