

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070203.D
 Acq On : 20 Aug 2021 15:21
 Operator : VA/SY
 Sample : M3449-04RE
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 23 03:53:22 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)

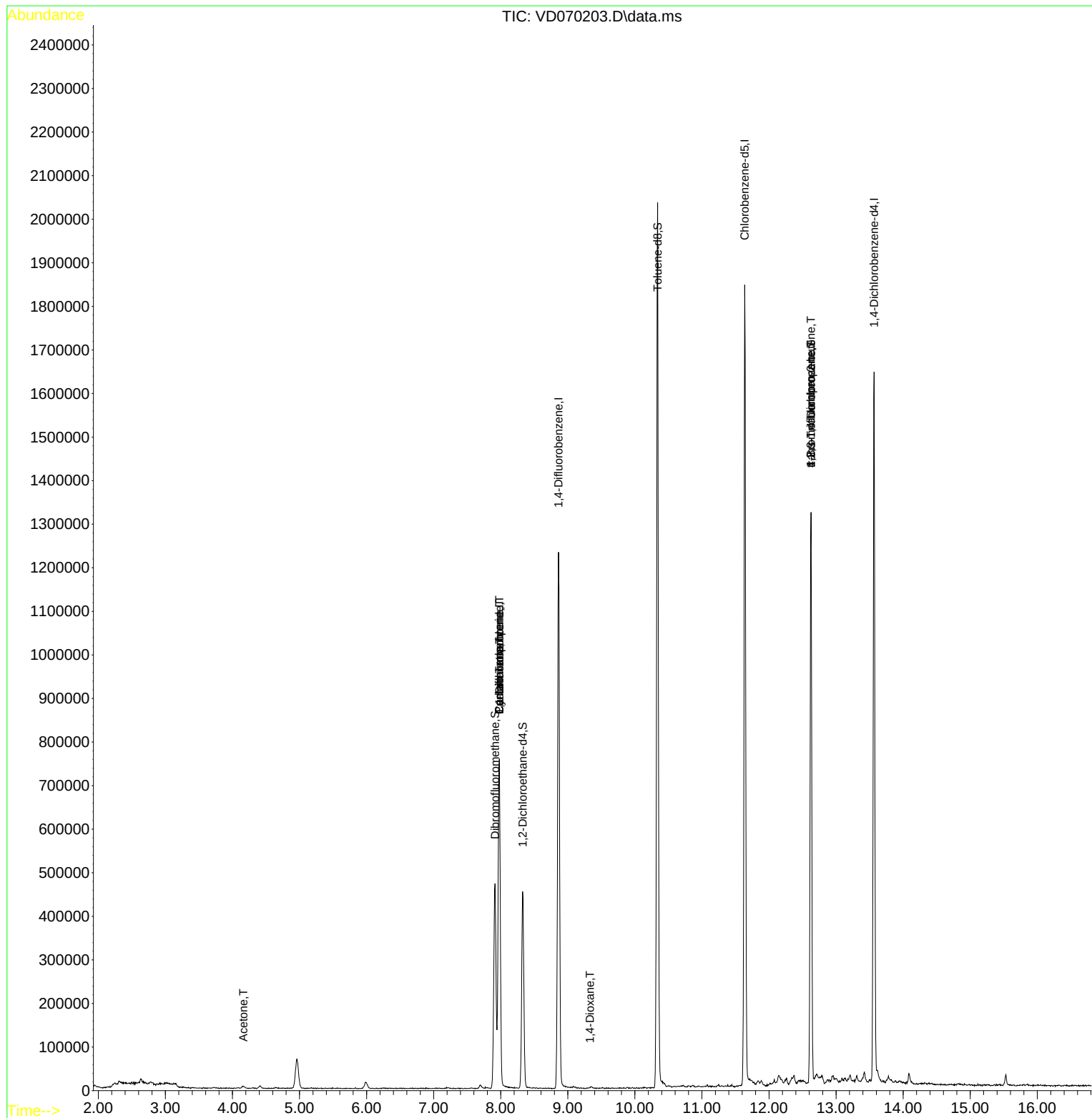
Internal Standards						
1) Pentafluorobenzene	7.979	168	543358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1048549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1044927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	423365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	350387	54.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.660%	
35) Dibromofluoromethane	7.914	113	348977	51.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.338	98	1357232	51.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.626	95	456443	52.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.180%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.979	85	638	Below Cal	#	42
3) Chloromethane	2.203	50	1803	Below Cal	#	67
5) Bromomethane	2.779	94	2777	Below Cal		89
16) Acetone	4.162	43	9178	7.796	ug/l	96
20) Methylene Chloride	4.962	84	55314	Below Cal		98
31) Cyclohexane	7.979	56	13486	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	50255	4.455	ug/l #	49
38) Carbon Tetrachloride	7.979	117	59719	5.831	ug/l #	15
49) 1,4-Dioxane	9.332	88	56	1.247	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	224881	52.377	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	224881	135.952	ug/l #	18

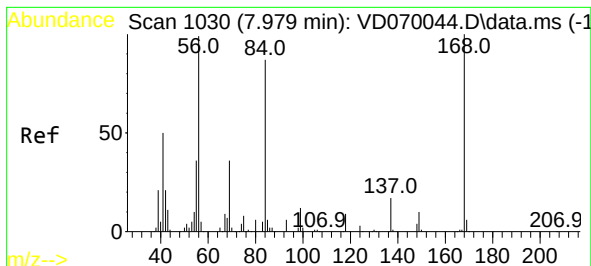
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

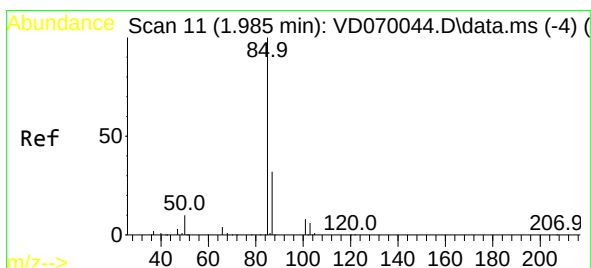
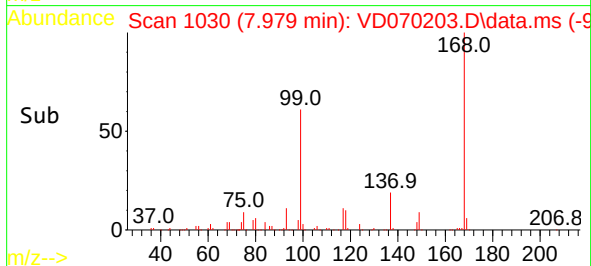
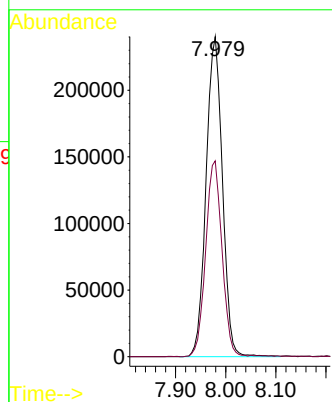
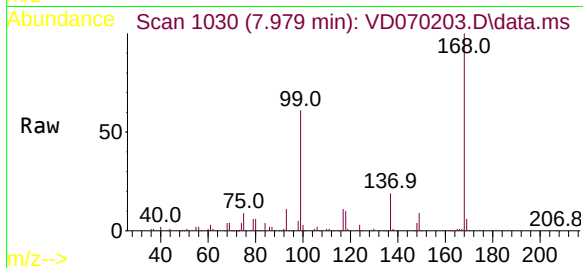




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

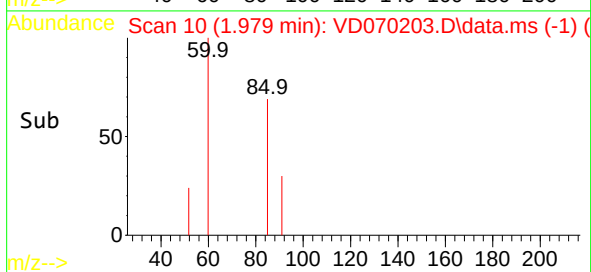
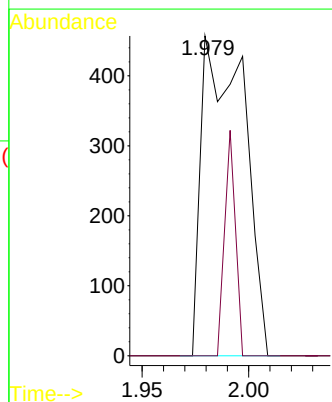
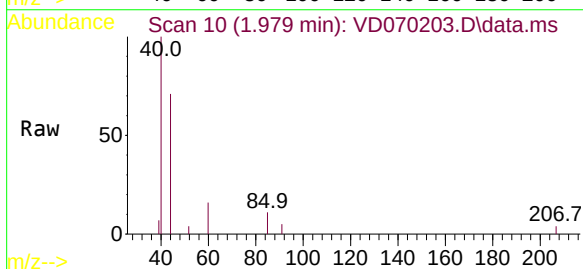
Instrument :
MSVOA_D
ClientSampleId :

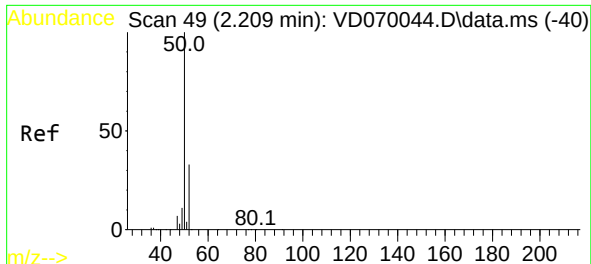
Tgt Ion:168 Resp: 543358
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 85 Resp: 638
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

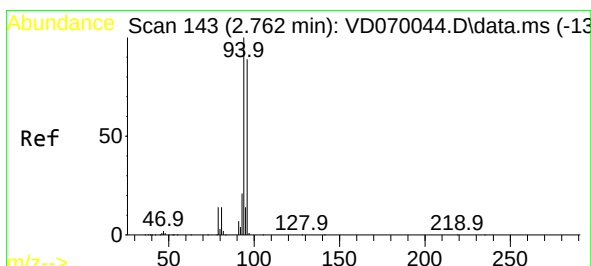
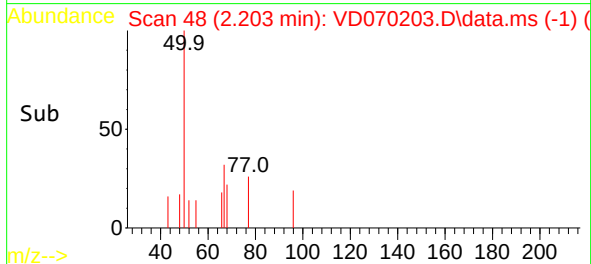
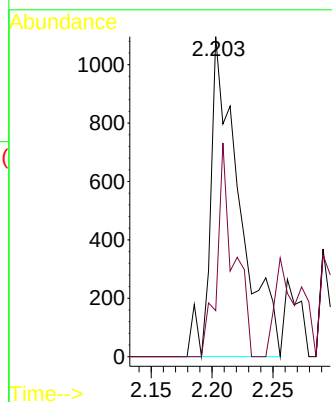
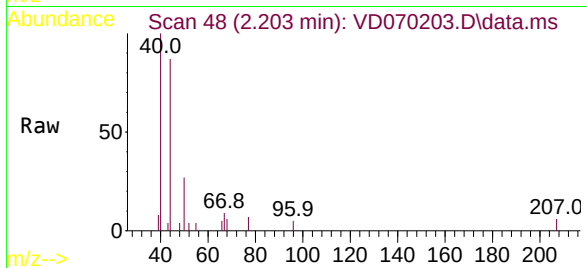




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

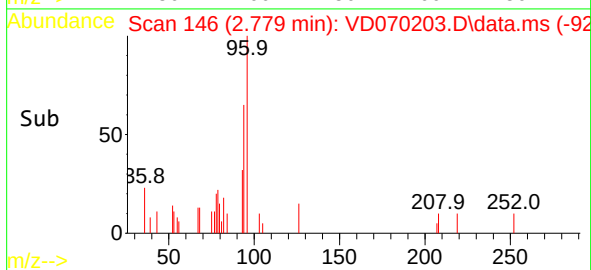
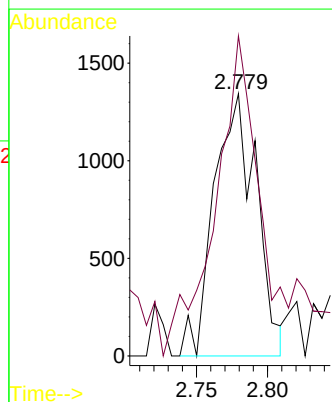
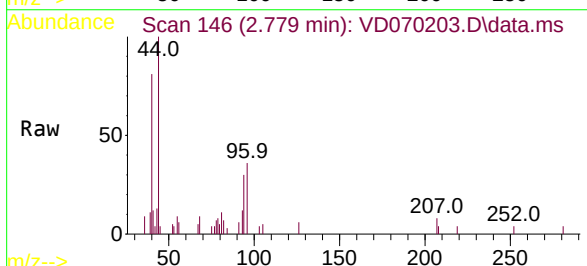
Instrument :
MSVOA_D
ClientSampled :

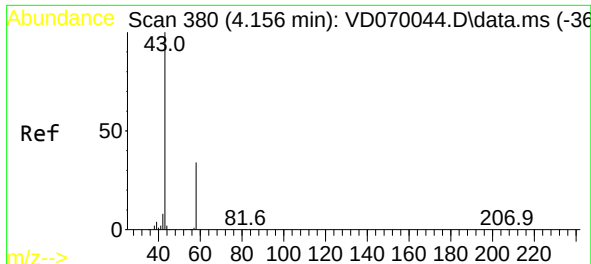
Tgt Ion: 50 Resp: 1803
Ion Ratio Lower Upper
50 100
52 14.4 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 94 Resp: 2777
Ion Ratio Lower Upper
94 100
96 98.6 70.9 106.3

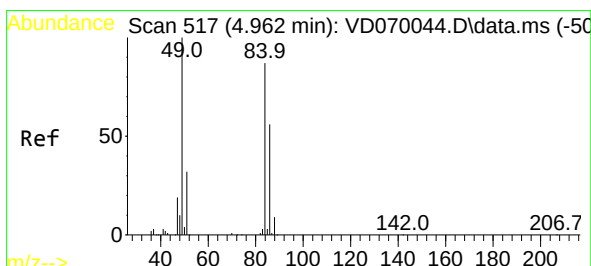
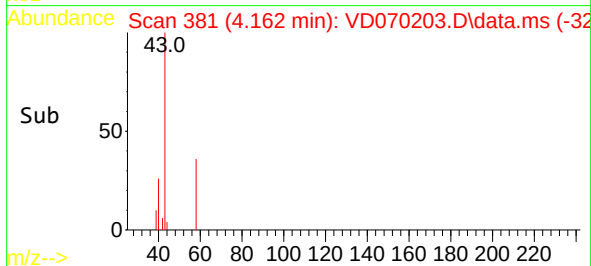
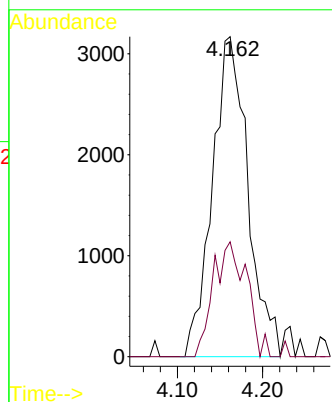
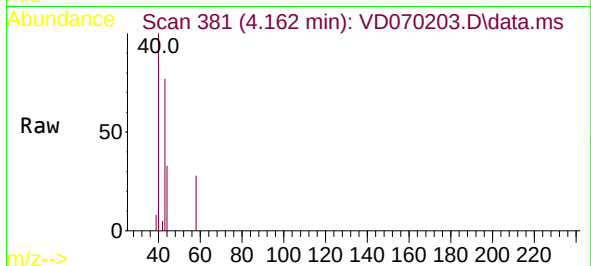




#16
Acetone
Concen: 7.796 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

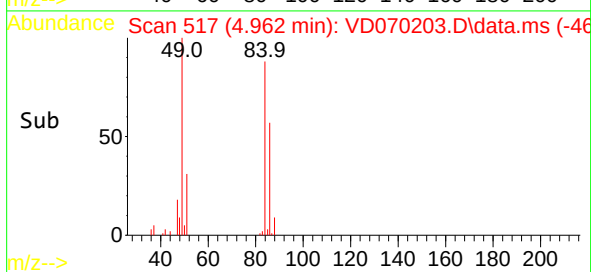
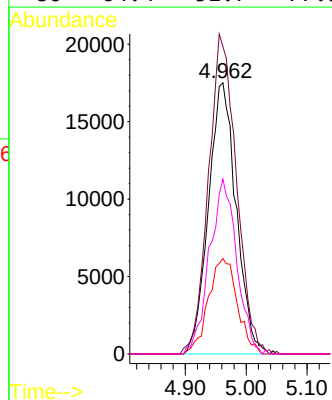
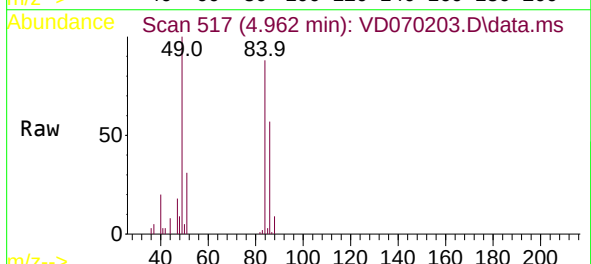
Instrument :
MSVOA_D
ClientSampled :

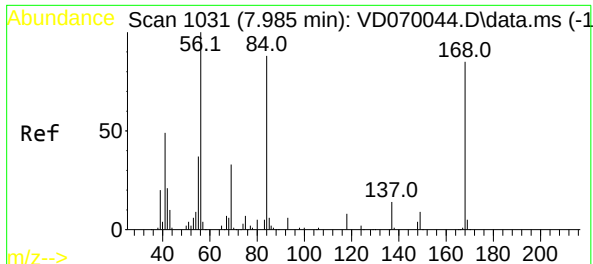
Tgt Ion: 43 Resp: 9178
Ion Ratio Lower Upper
43 100
58 35.9 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 84 Resp: 55314
Ion Ratio Lower Upper
84 100
49 113.3 92.5 138.7
51 35.2 29.7 44.5
86 64.4 51.7 77.5

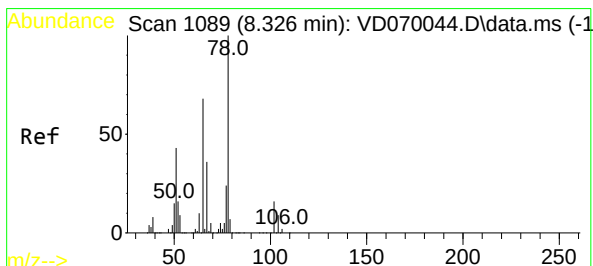
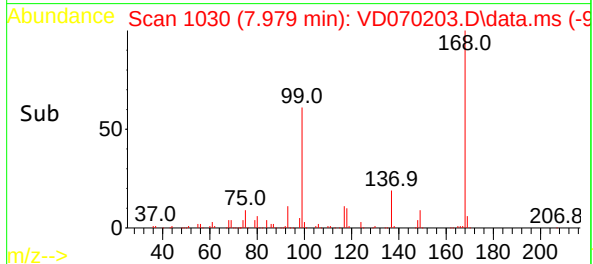
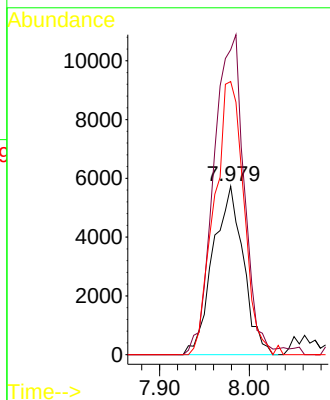
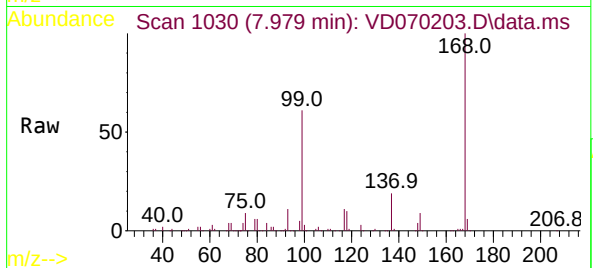




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

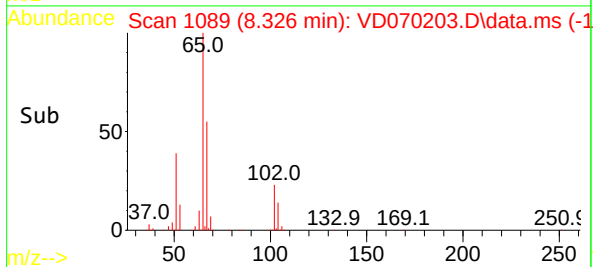
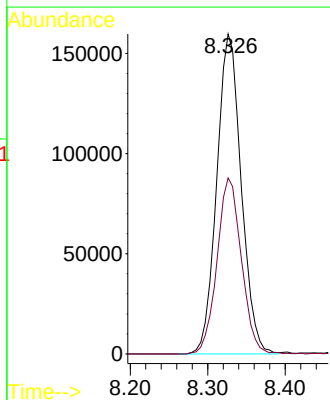
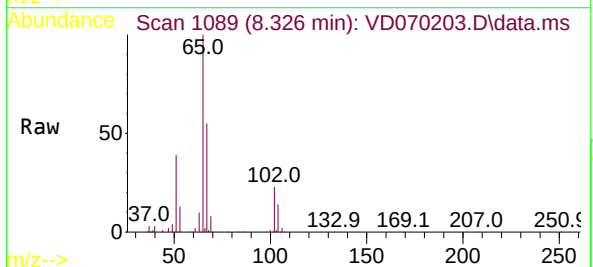
Instrument :
MSVOA_D
ClientSampleId :

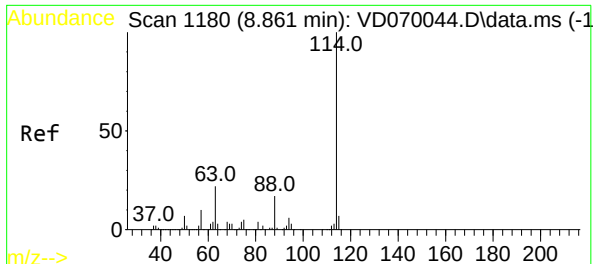
Tgt Ion: 56 Resp: 13486
Ion Ratio Lower Upper
56 100
69 181.1 26.7 40.1#
84 162.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 54.827 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 65 Resp: 350387
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8



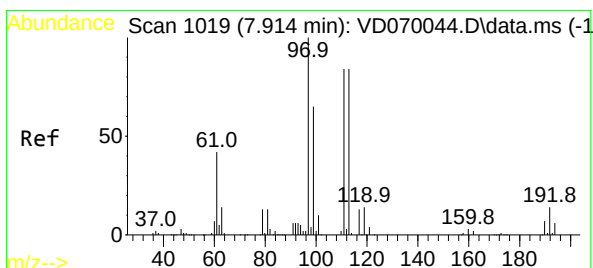
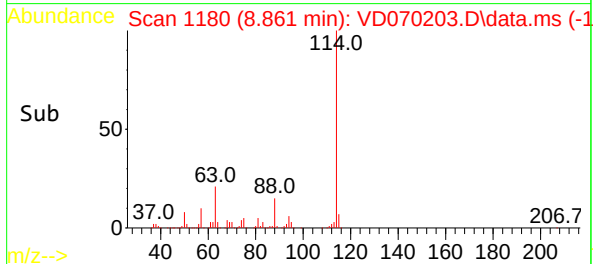
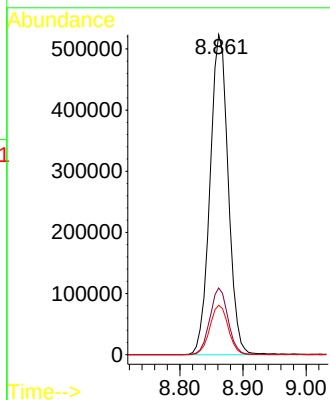
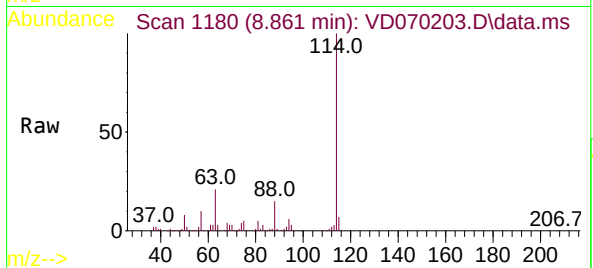


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Instrument :
MSVOA_D
ClientSampled :

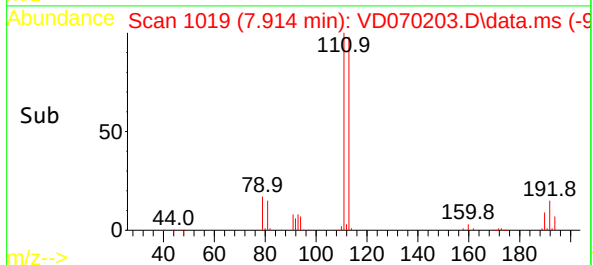
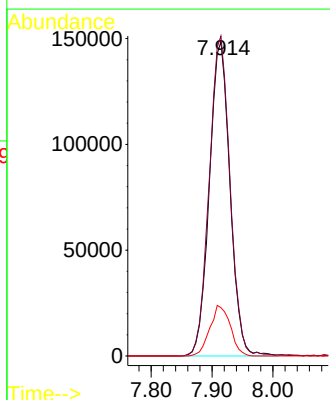
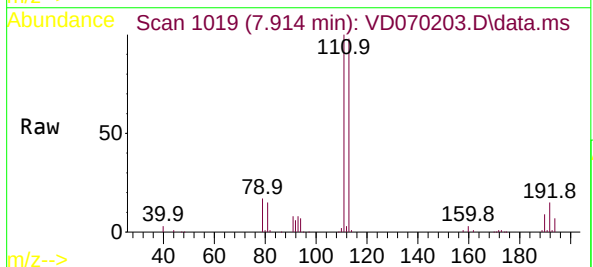
Tgt Ion:114 Resp: 1048549
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 15.5 0.0 33.4

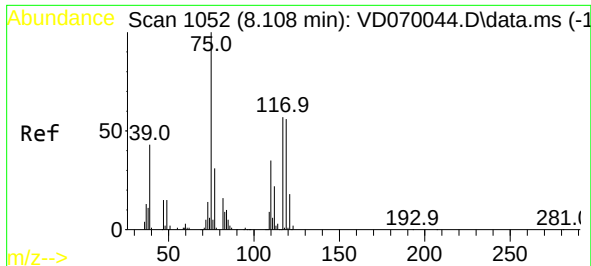


#35

Dibromofluoromethane
Concen: 51.515 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion:113 Resp: 348977
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.0 13.2 19.8

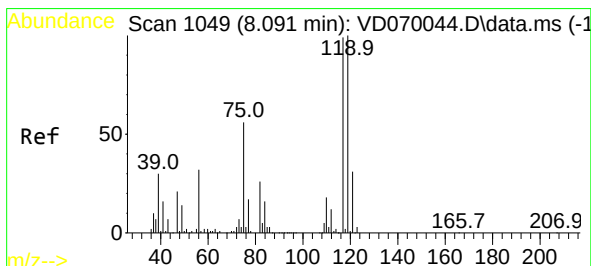
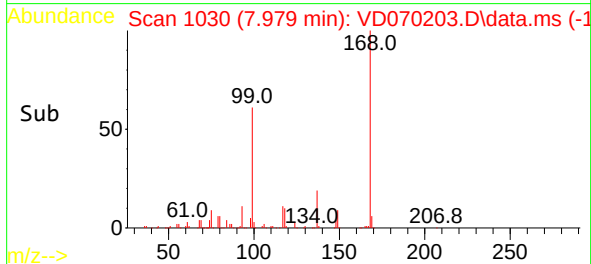
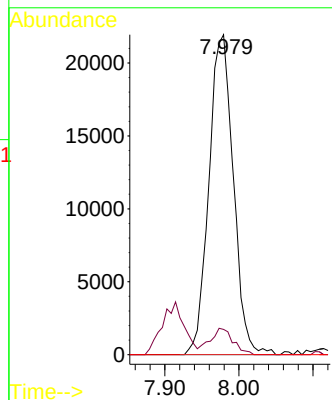
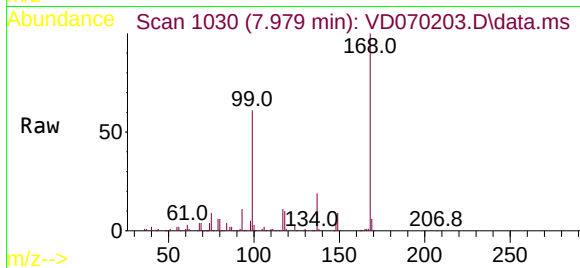




#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

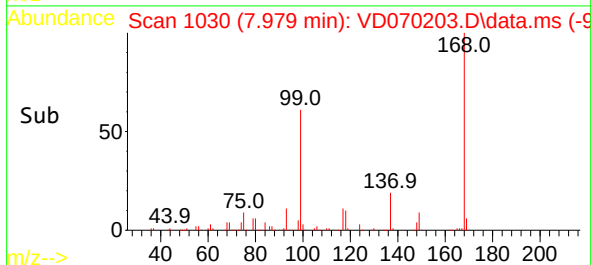
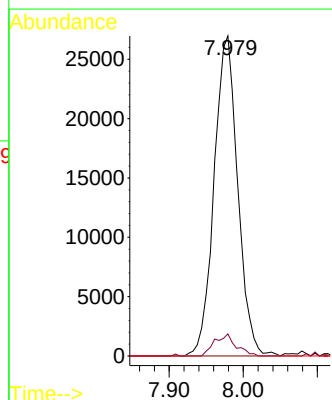
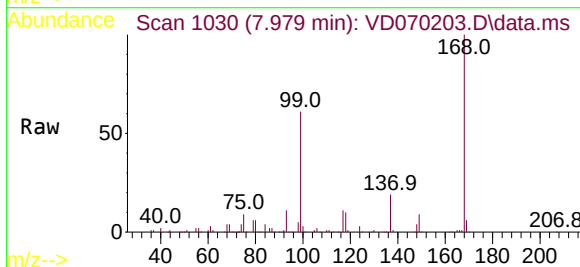
Instrument :
MSVOA_D
ClientSampled :

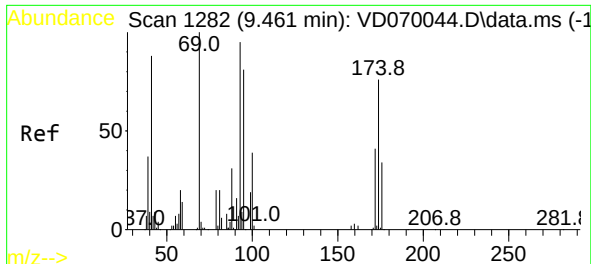
Tgt Ion: 75 Resp: 50255
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 117 Resp: 59719
Ion Ratio Lower Upper
117 100
119 6.9 81.0 121.6#
121 0.0 25.0 37.6#

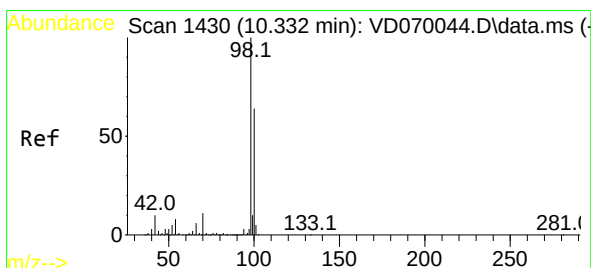
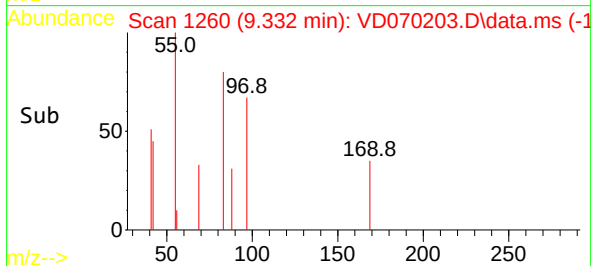
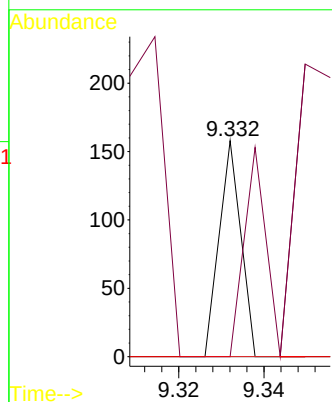
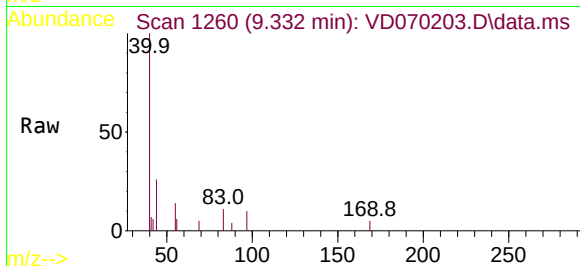




#49
1,4-Dioxane
Concen: 1.247 ug/l
RT: 9.332 min Scan# 1260
Delta R.T. -0.129 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

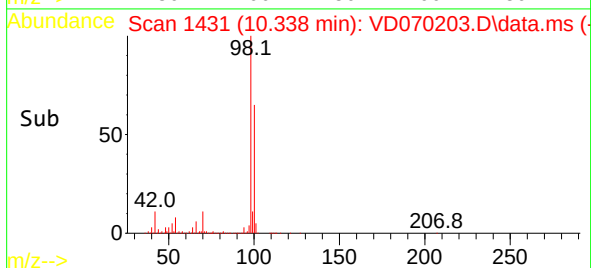
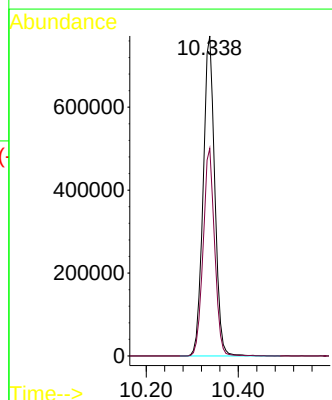
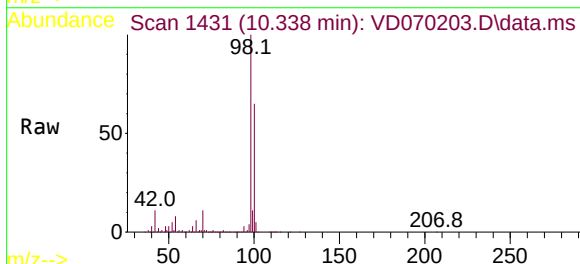
Instrument :
MSVOA_D
ClientSampleId :

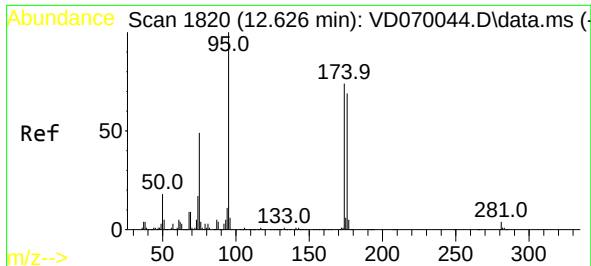
Tgt Ion:	88	Resp:	56
Ion	Ratio	Lower	Upper
88	100		
43	358.9	25.8	38.6#
58	0.0	57.4	86.2#



#50
Toluene-d8
Concen: 51.511 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion:	98	Resp:	1357232
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.6	78.8

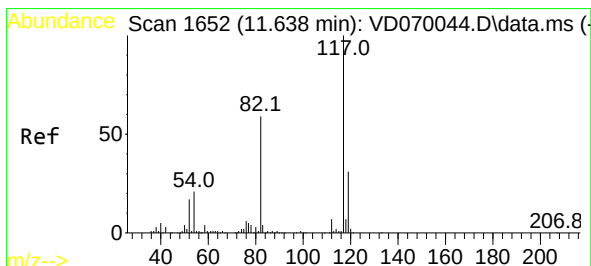
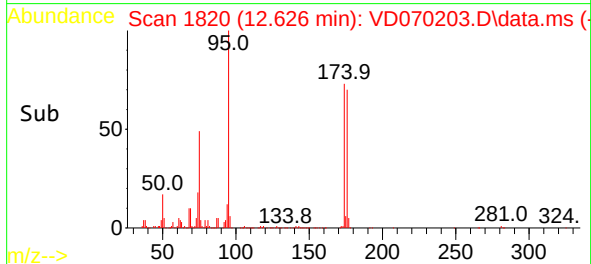
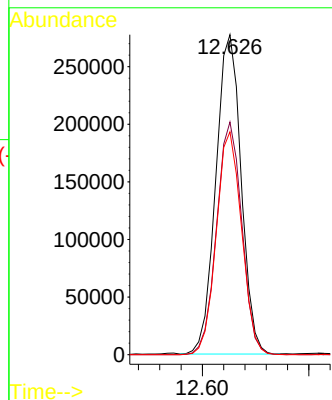
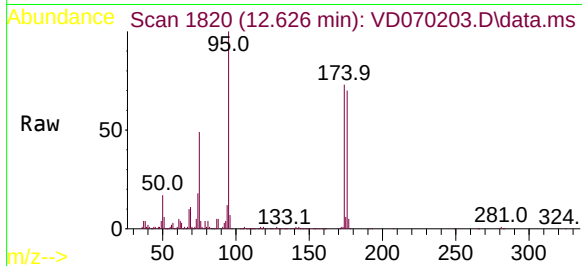




#62
4-Bromofluorobenzene
Concen: 52.595 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

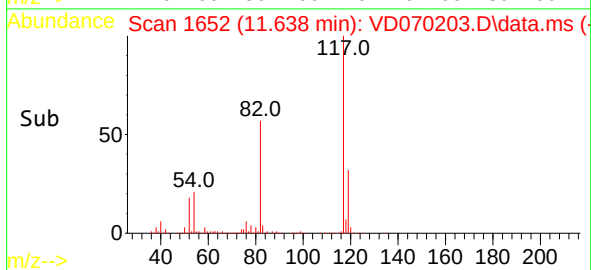
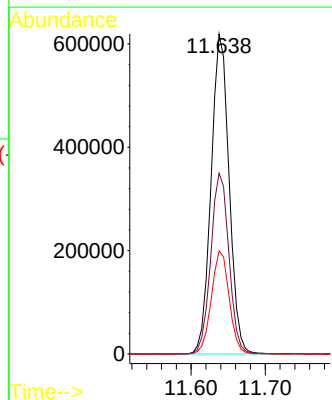
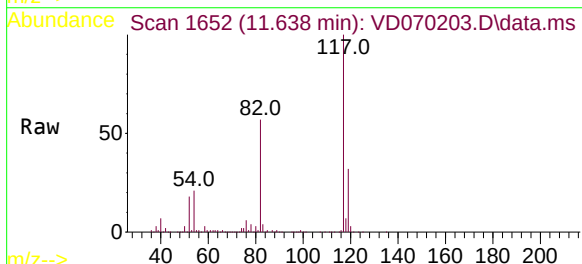
Instrument :
MSVOA_D
ClientSampled :

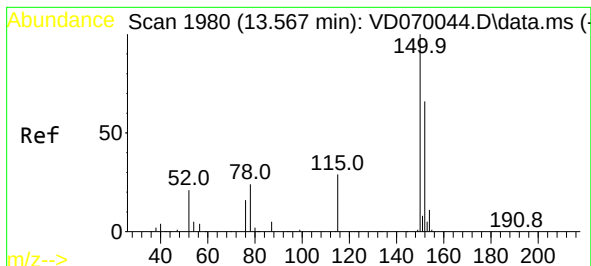
Tgt Ion: 95 Resp: 456443
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 117 Resp: 1044927
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 32.1 25.1 37.7

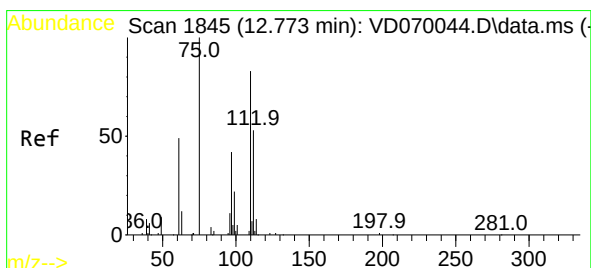
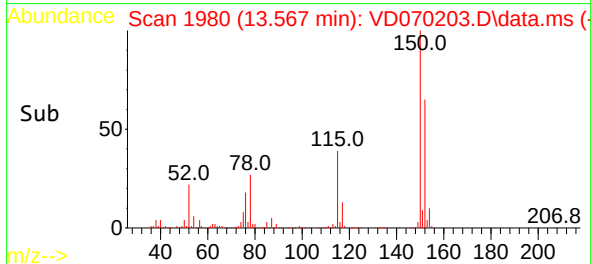
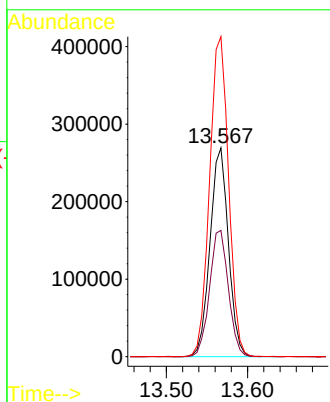
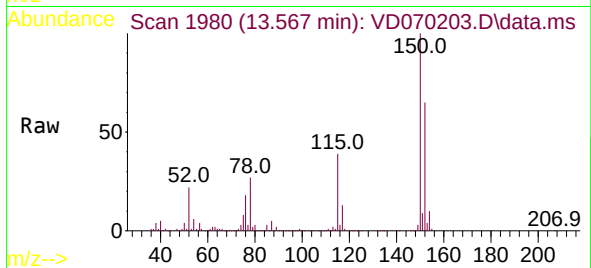




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070203.D
 Acq: 20 Aug 2021 15:21

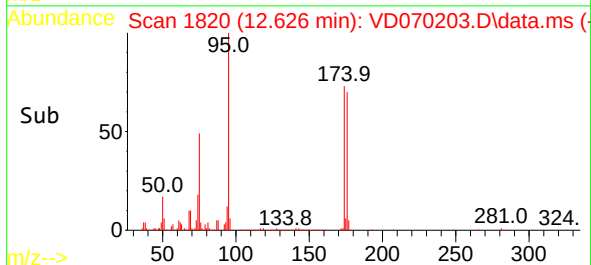
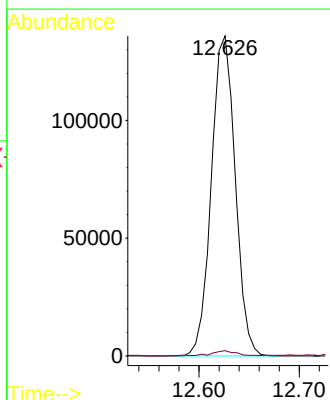
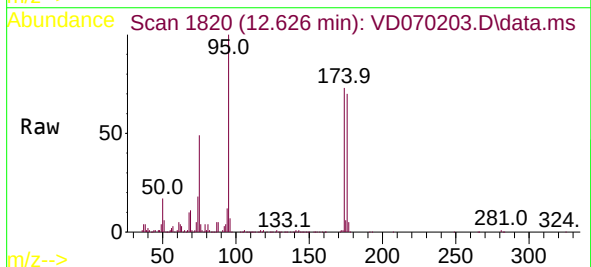
Instrument :
 MSVOA_D
 ClientSampleId :

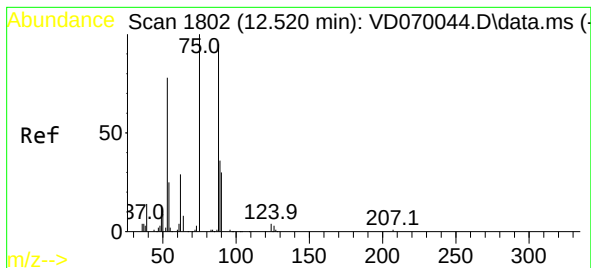
Tgt Ion:152 Resp: 423365
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.2 93.6
 150 158.1 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 52.377 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070203.D
 Acq: 20 Aug 2021 15:21

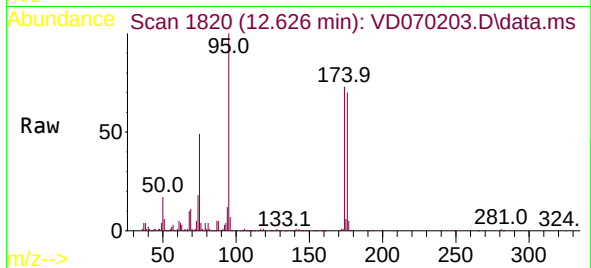
Tgt Ion: 75 Resp: 224881
 Ion Ratio Lower Upper
 75 100
 77 1.7 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.952 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070203.D
 Acq: 20 Aug 2021 15:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 224881

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.5	96.7#
89	0.0	33.7	50.5#

