

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070310.D
 Acq On : 10 Sep 2021 20:08
 Operator : VA/SY
 Sample : M3684-11
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

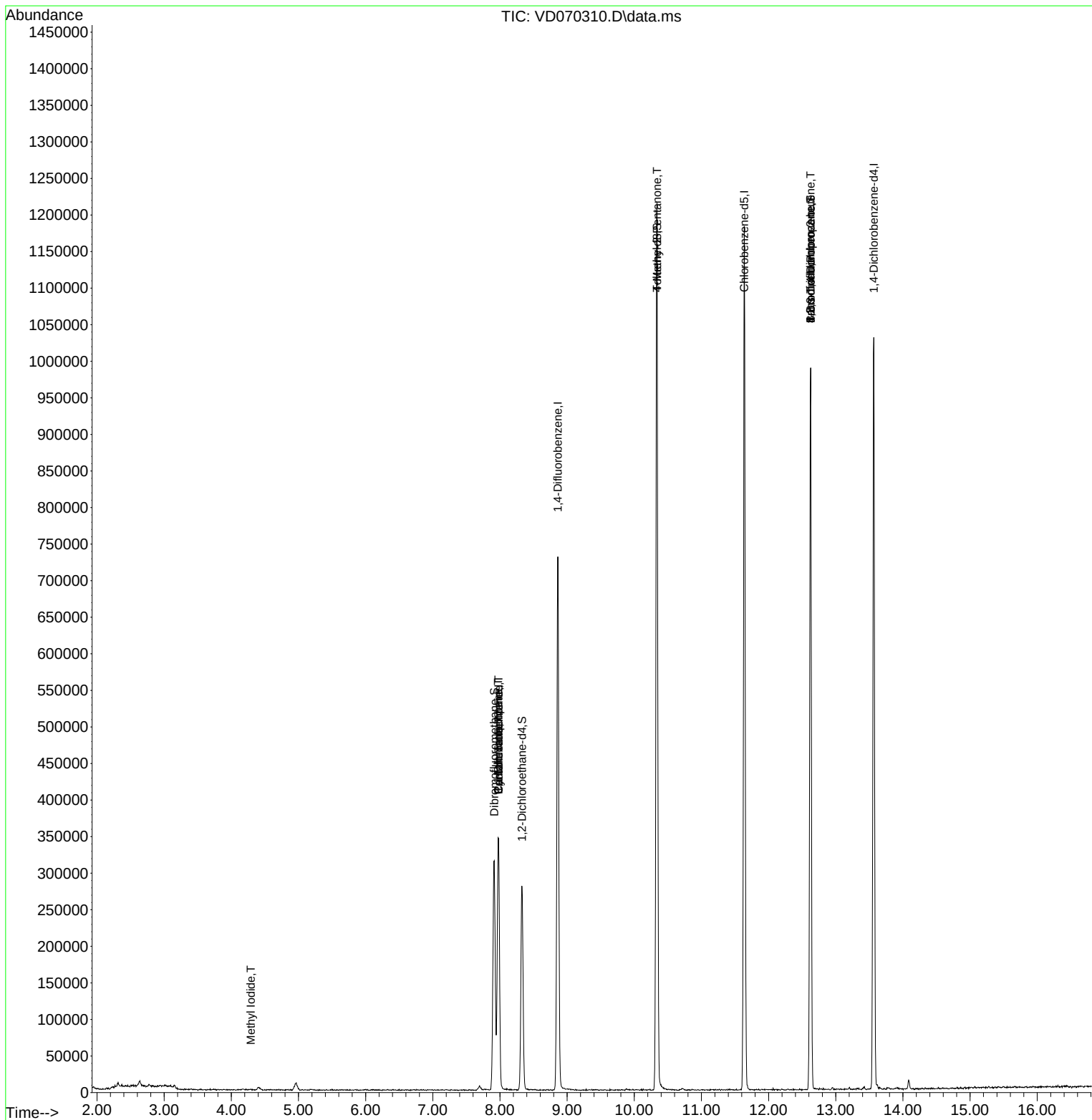
Quant Time: Sep 11 02:29:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

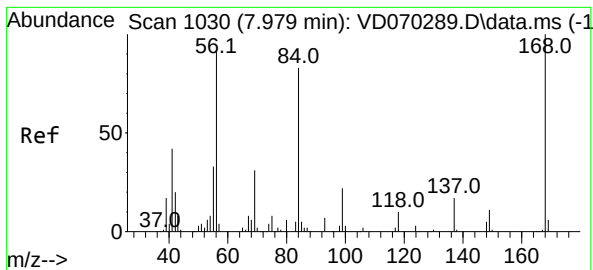
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	246146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	677977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	273998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224955	71.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.360%	
35) Dibromofluoromethane	7.914	113	236975	54.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.700%	
50) Toluene-d8	10.338	98	857195	54.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.626	95	288863	52.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	59	Below Cal	#	43
3) Chloromethane	2.215	50	845	Below Cal		98
5) Bromomethane	2.779	94	1732	Below Cal		95
6) Chloroethane	2.926	64	95	Below Cal	#	43
10) Methyl Iodide	4.291	142	438	1.170	ug/l #	53
20) Methylene Chloride	4.962	84	6847	Below Cal		86
31) Cyclohexane	7.979	56	6481	1.190	ug/l #	2
36) 1,1-Dichloropropene	7.973	75	24183	3.693	ug/l #	48
38) Carbon Tetrachloride	7.979	117	26258	4.055	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3315	1.415	ug/l #	1
71) Bromoform	12.626	173	2719	1.069	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	144439	52.115	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	144439	130.580	ug/l #	18

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

Quant Time: Sep 11 02:29:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

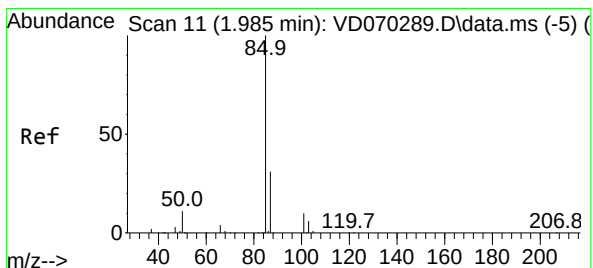
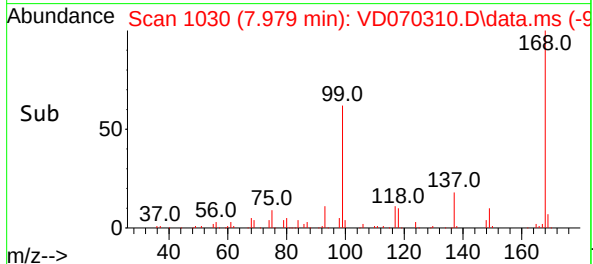
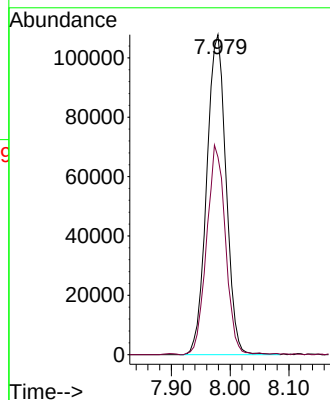
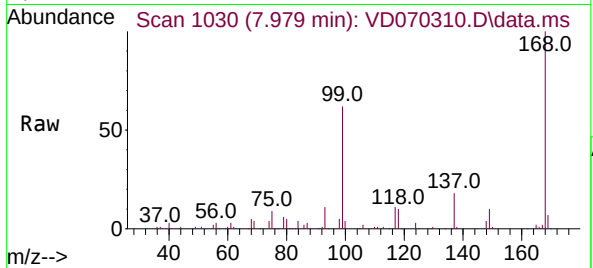




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

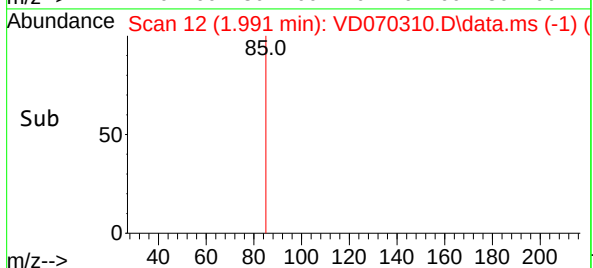
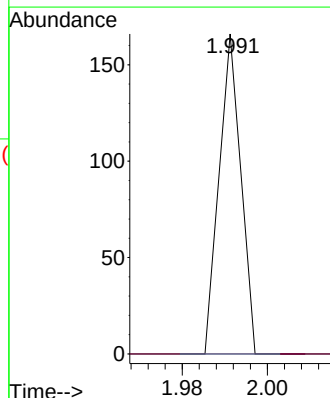
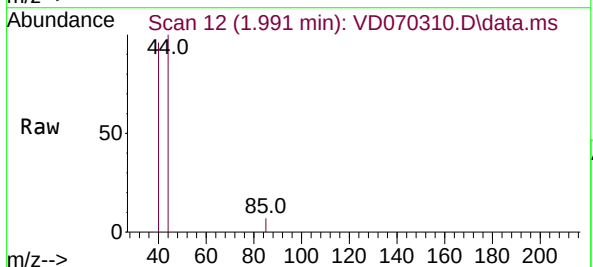
Instrument :
MSVOA_D
ClientSampleId :

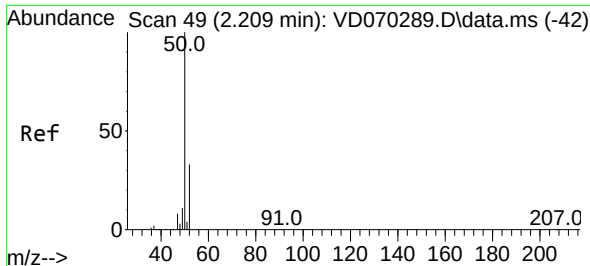
Tgt Ion:168 Resp: 246146
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion: 85 Resp: 59
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

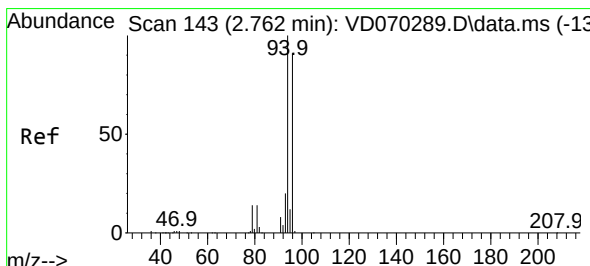
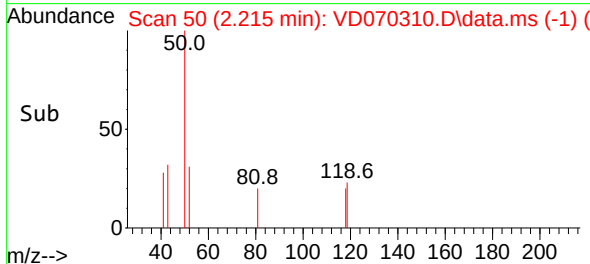
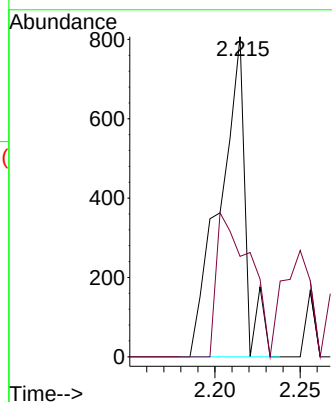
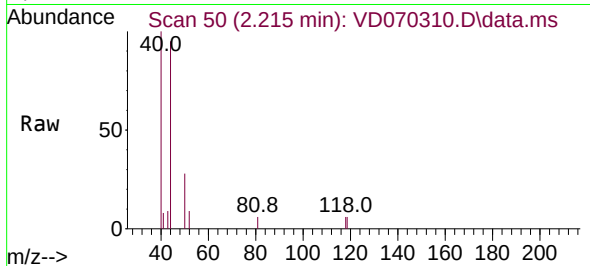




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

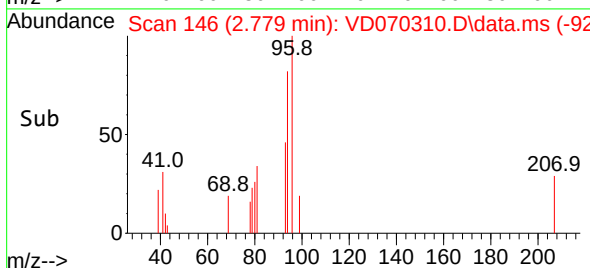
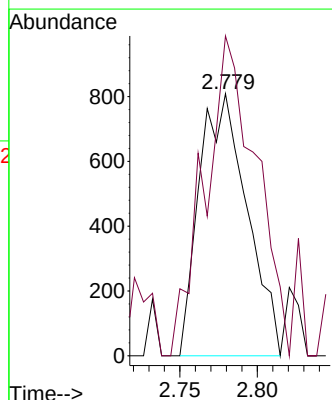
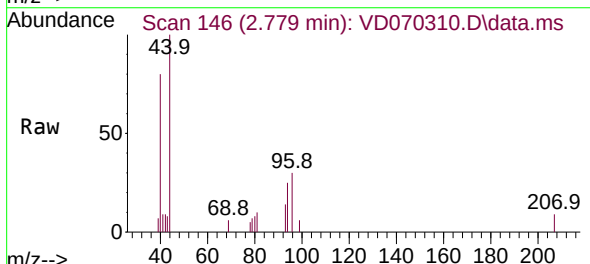
Instrument :
MSVOA_D
ClientSampleId :

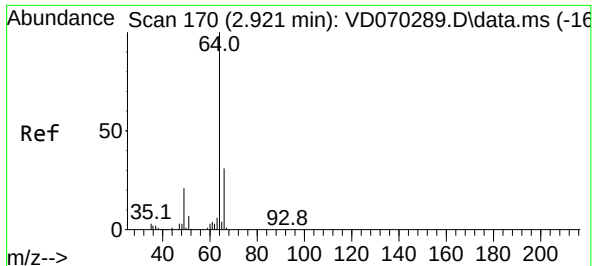
Tgt Ion: 50 Resp: 845
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion: 94 Resp: 1732
Ion Ratio Lower Upper
94 100
96 96.4 73.0 109.6

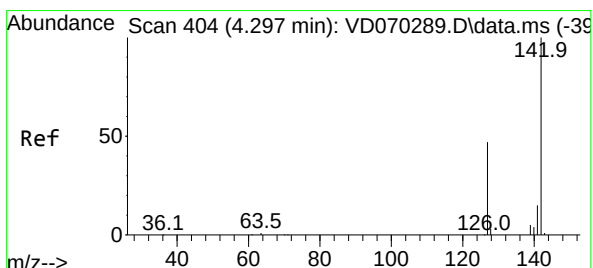
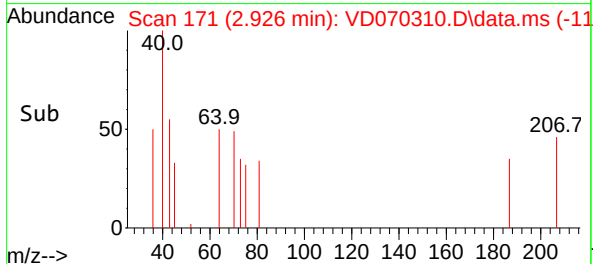
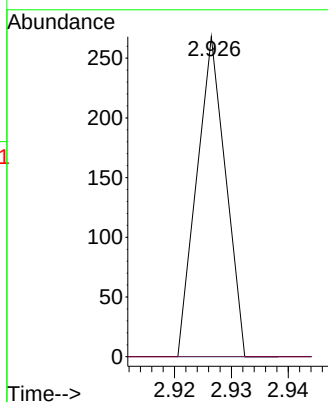
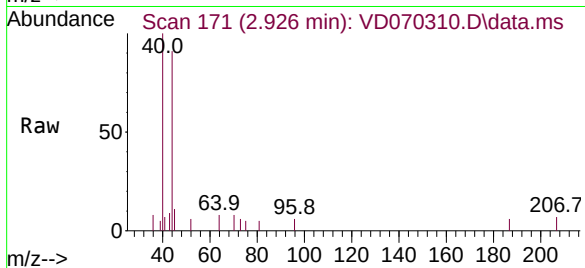




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

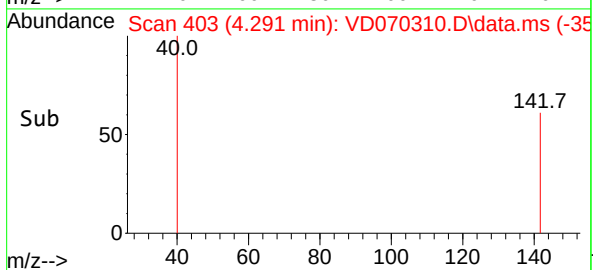
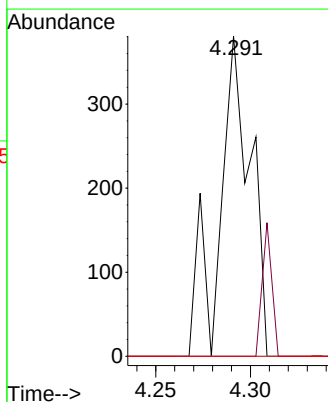
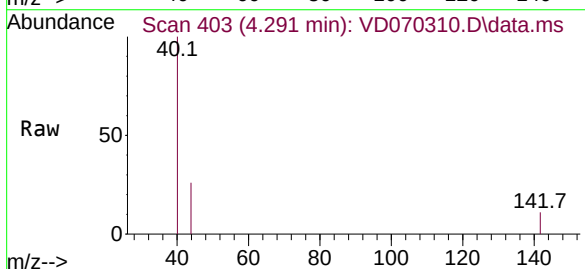
Instrument :
MSVOA_D
ClientSampleId :

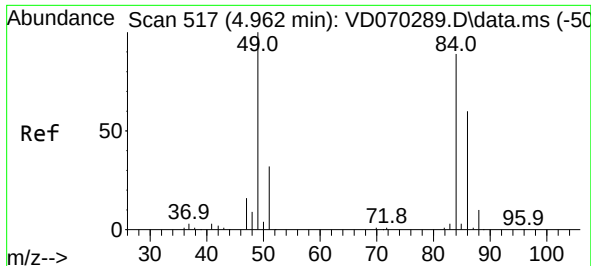
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.170 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion: 142 Resp: 438
Ion Ratio Lower Upper
142 100
127 12.8 36.9 55.3#
141 0.0 11.8 17.6#

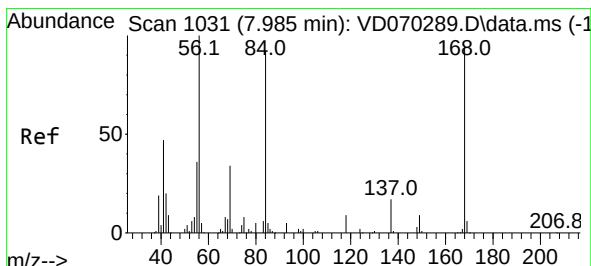
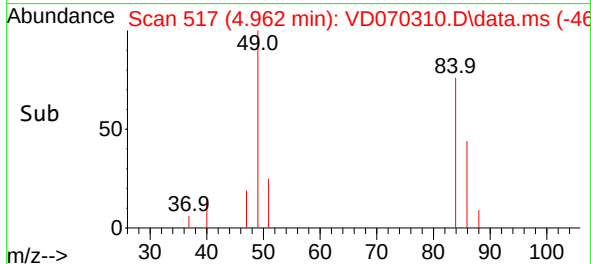
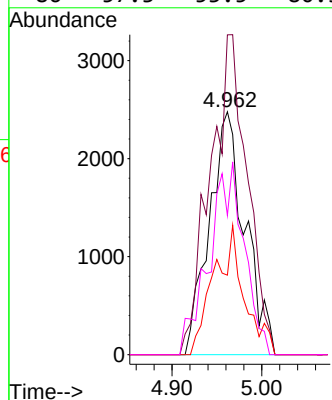
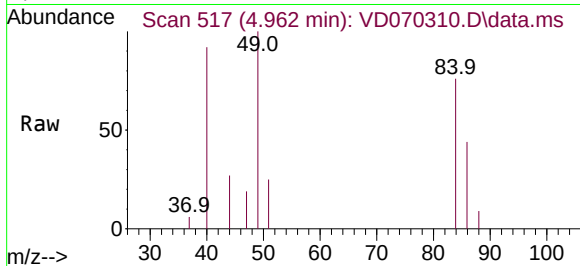




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

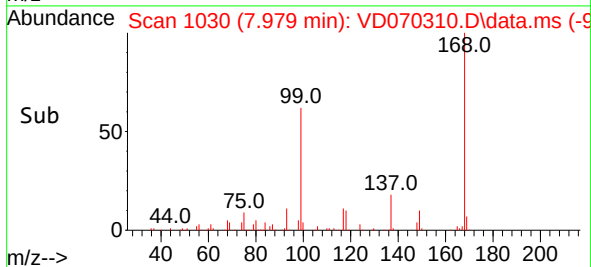
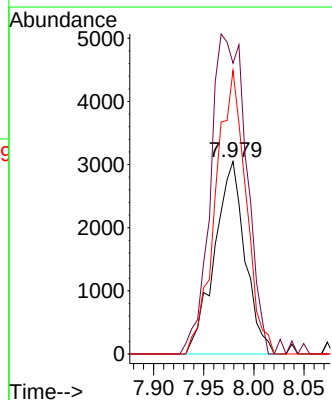
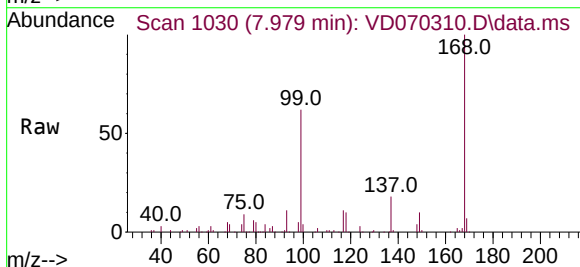
Instrument :
MSVOA_D
ClientSampleId :

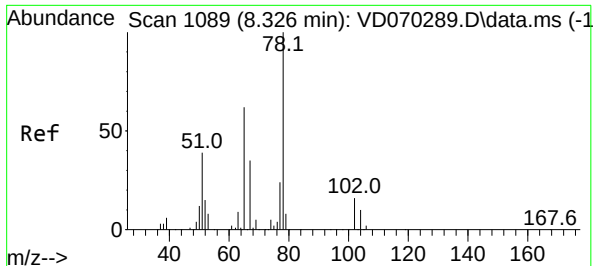
Tgt Ion:	84	Resp:	6847
Ion	Ratio	Lower	Upper
84	100		
49	131.7	89.6	134.4
51	32.8	28.6	43.0
86	57.3	53.5	80.3



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion:	56	Resp:	6481
Ion	Ratio	Lower	Upper
56	100		
69	151.0	26.9	40.3#
84	147.3	73.6	110.4#

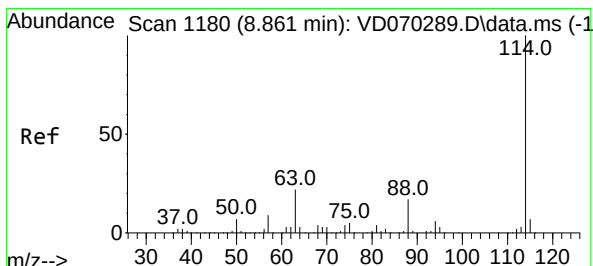
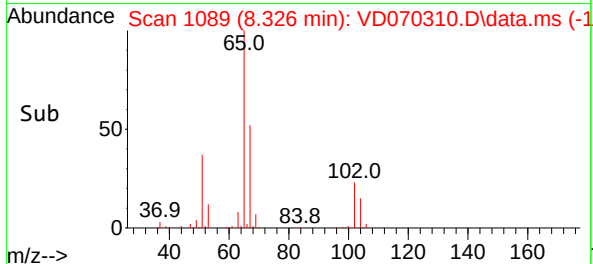
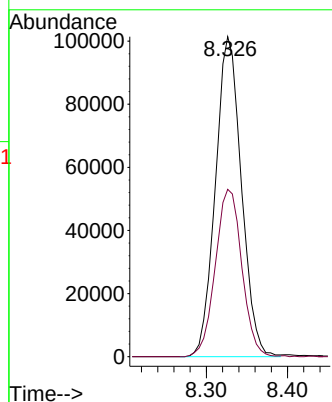
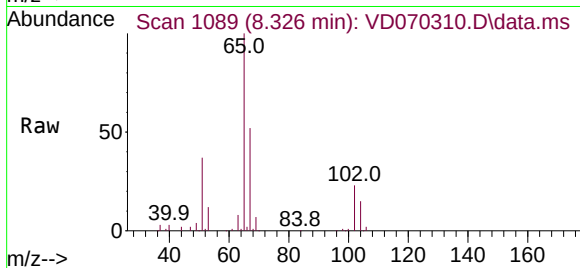




#33
1,2-Dichloroethane-d4
Concen: 71.175 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

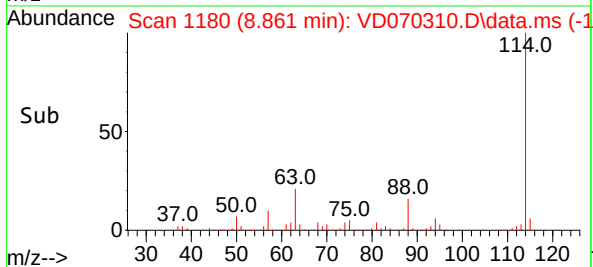
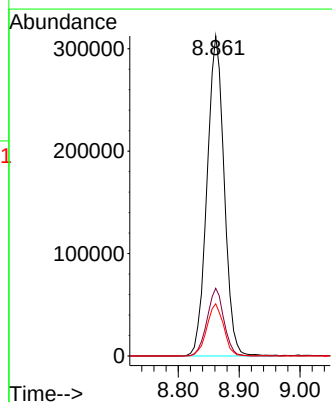
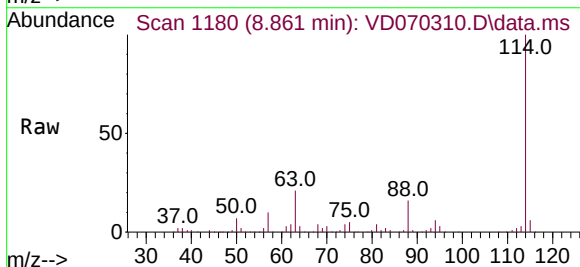
Instrument :
MSVOA_D
ClientSampled :

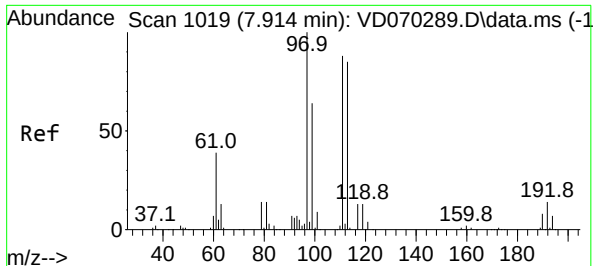
Tgt Ion: 65 Resp: 224955
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion: 114 Resp: 612595
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.4
88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.345 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070310.D

Acq: 10 Sep 2021 20:08

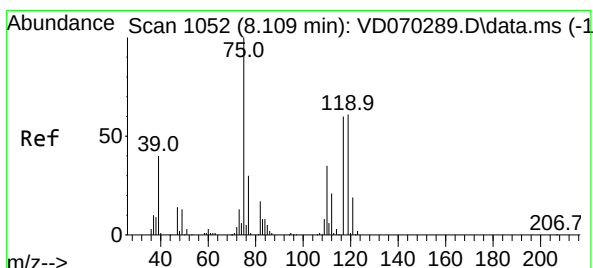
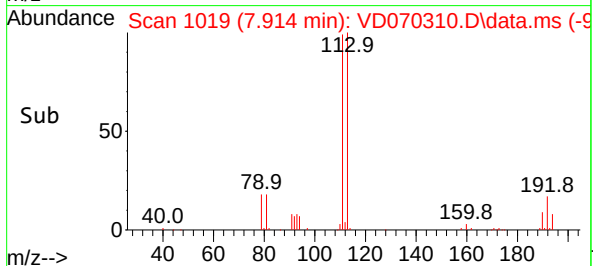
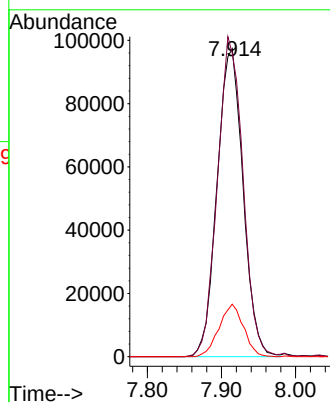
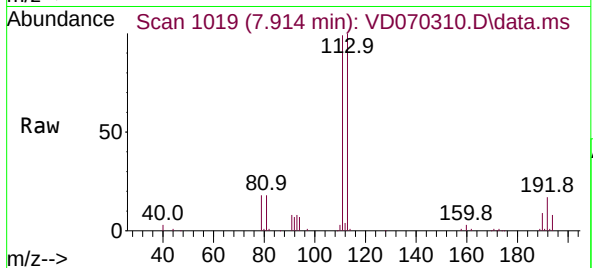
Tgt Ion:113 Resp: 236975

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

192 16.1 13.0 19.6



#36

1,1-Dichloropropene

Concen: 3.693 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070310.D

Acq: 10 Sep 2021 20:08

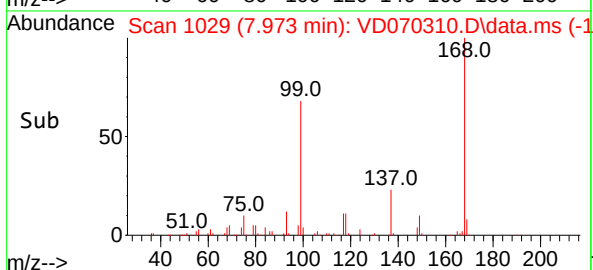
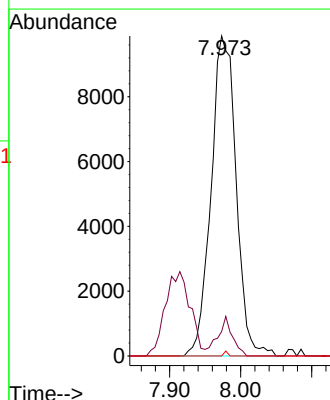
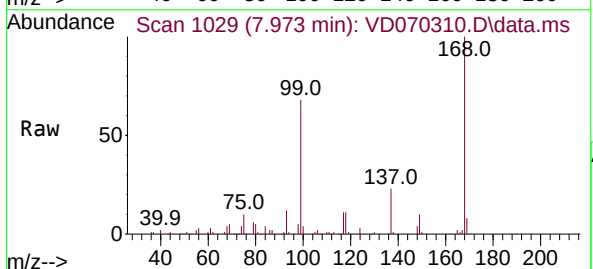
Tgt Ion: 75 Resp: 24183

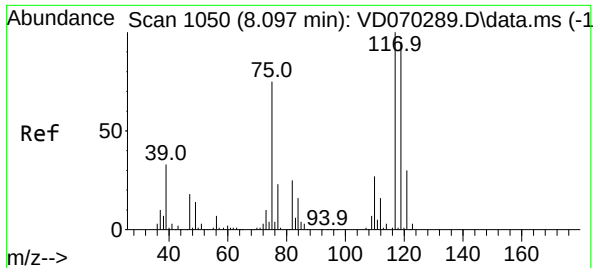
Ion Ratio Lower Upper

75 100

110 7.2 17.9 53.7#

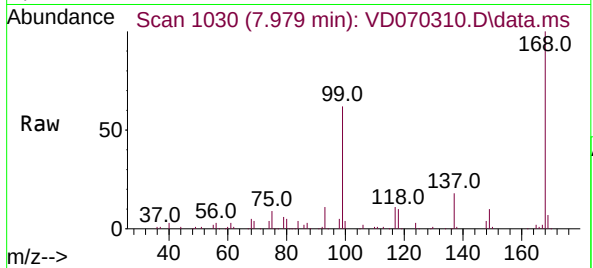
77 0.2 25.3 37.9#



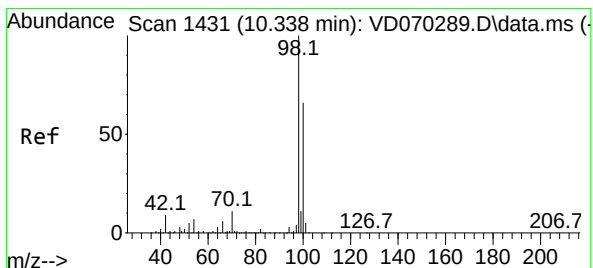
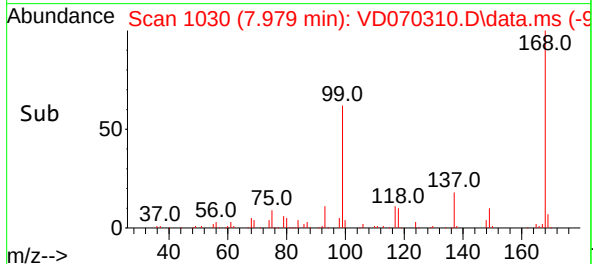
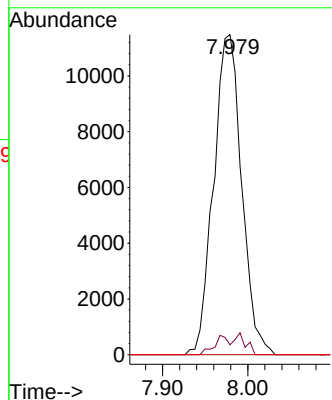


#38
Carbon Tetrachloride
Concen: 4.055 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Instrument :
MSVOA_D
ClientSampled :

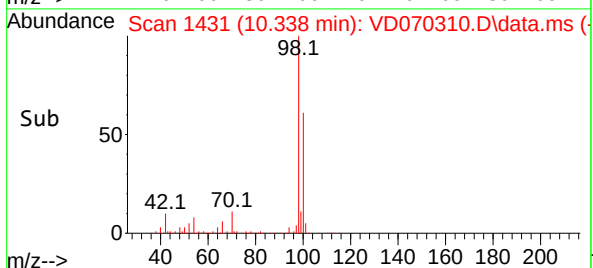
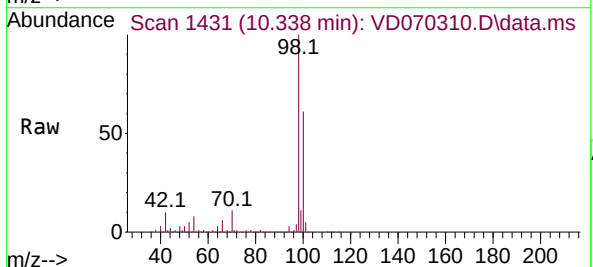
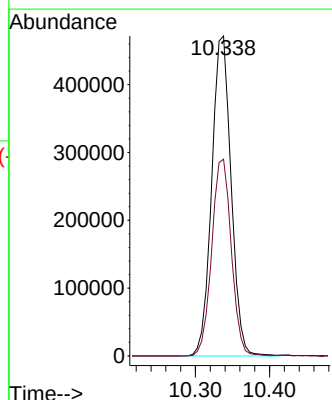


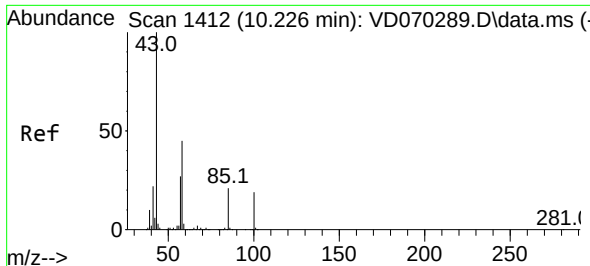
Tgt Ion:117 Resp: 26258
Ion Ratio Lower Upper
117 100
119 3.1 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 54.143 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion: 98 Resp: 857195
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0

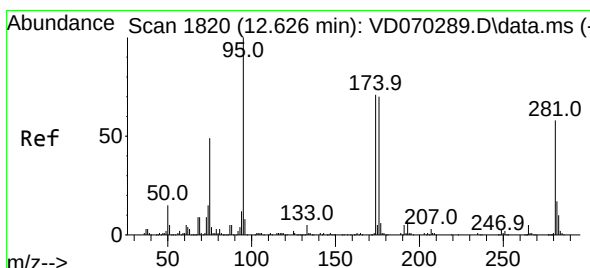
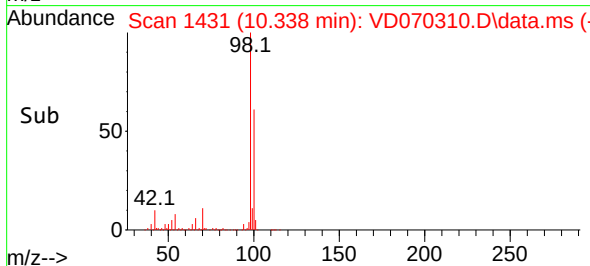
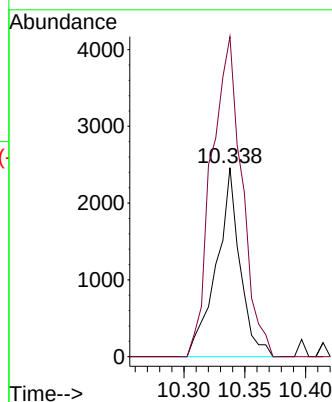
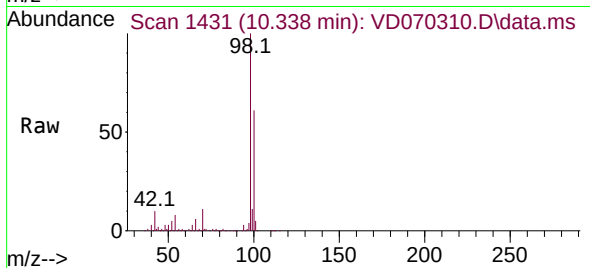




#51
4-Methyl-2-Pentanone
Concen: 1.415 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

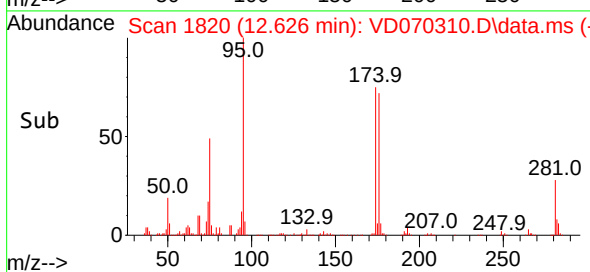
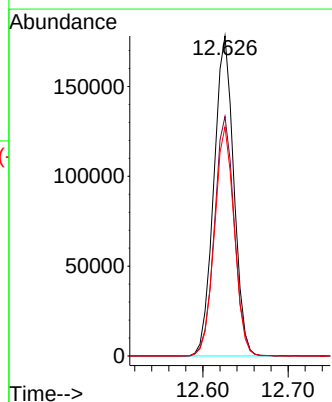
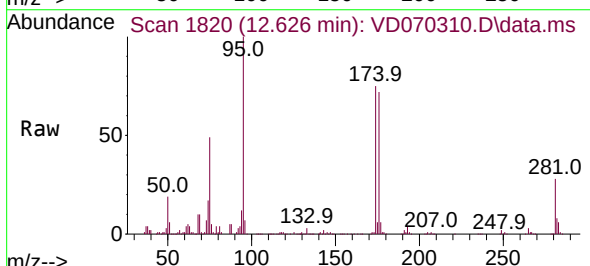
Instrument :
MSVOA_D
ClientSampleId :

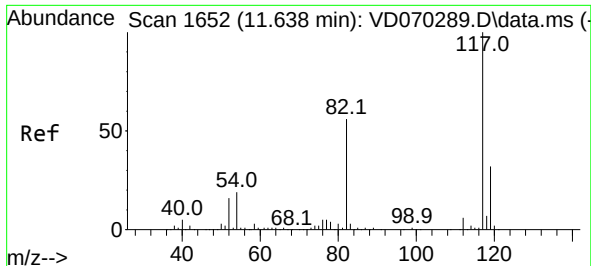
Tgt Ion: 43 Resp: 3315
Ion Ratio Lower Upper
43 100
58 218.0 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 52.206 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion: 95 Resp: 288863
Ion Ratio Lower Upper
95 100
174 74.6 0.0 140.6
176 71.1 0.0 137.4

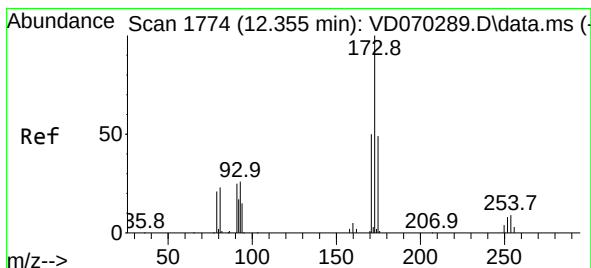
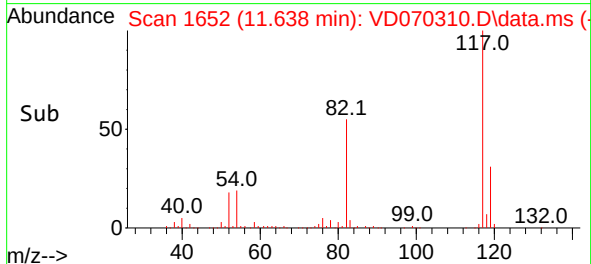
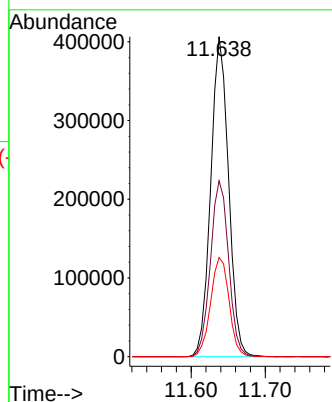
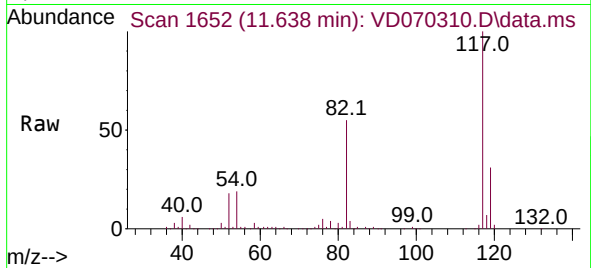




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

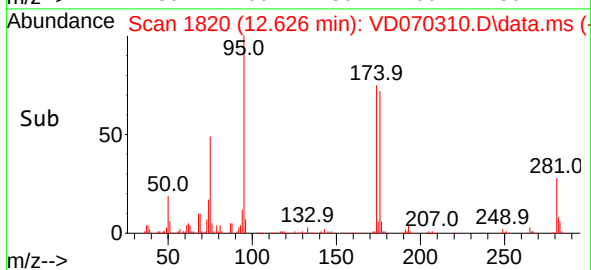
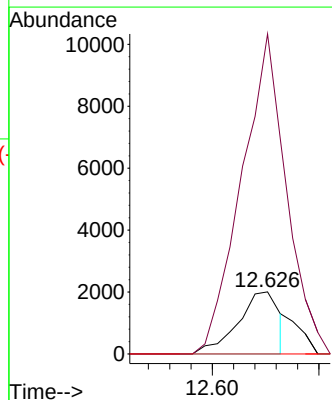
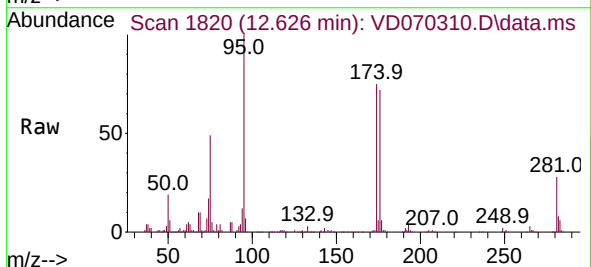
Instrument :
MSVOA_D
ClientSampleId :

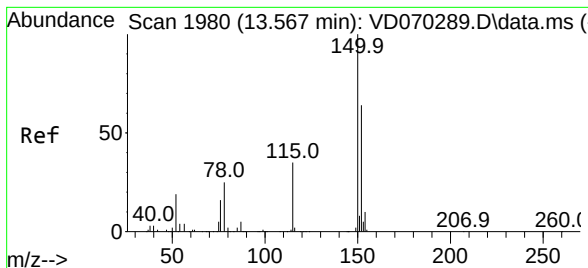
Tgt Ion:117 Resp: 677977
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 31.0 25.2 37.8



#71
Bromoform
Concen: 1.069 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion:173 Resp: 2719
Ion Ratio Lower Upper
173 100
175 474.4 25.1 75.2#
254 0.0 0.1 0.1#

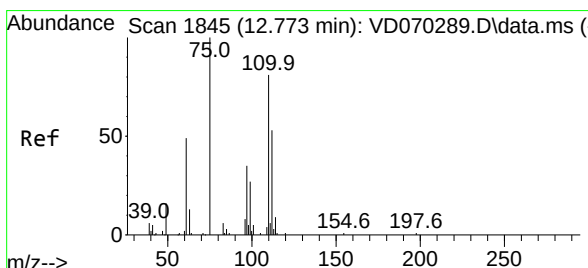
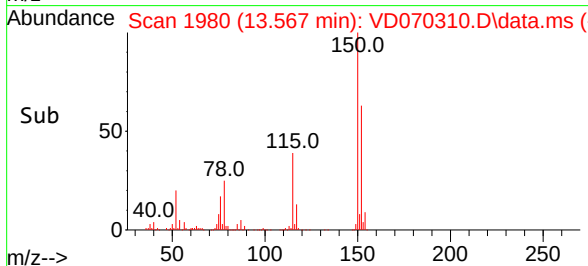
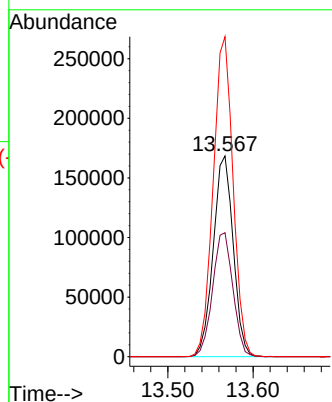
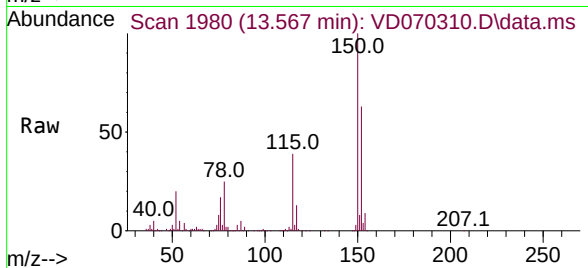




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070310.D
 Acq: 10 Sep 2021 20:08

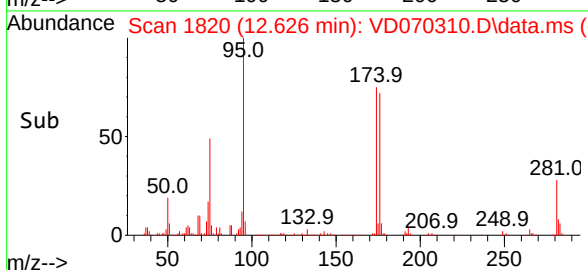
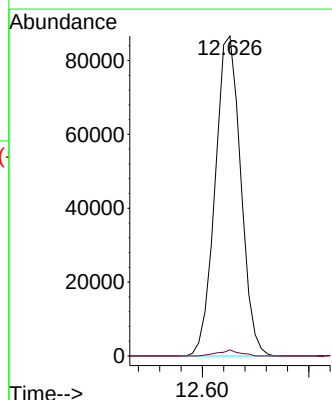
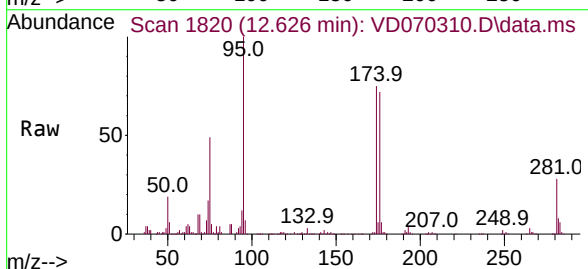
Instrument :
 MSVOA_D
 ClientSampleId :

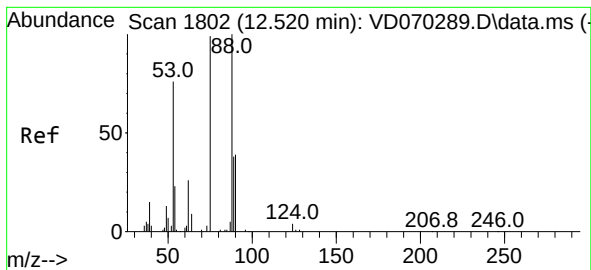
Tgt Ion:152 Resp: 273998
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.1 96.3
 150 158.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 52.115 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070310.D
 Acq: 10 Sep 2021 20:08

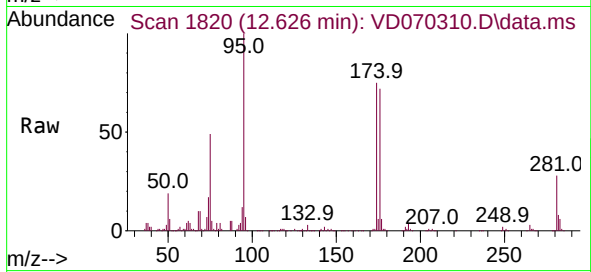
Tgt Ion: 75 Resp: 144439
 Ion Ratio Lower Upper
 75 100
 77 1.6 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.580 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070310.D
 Acq: 10 Sep 2021 20:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 144439
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.2 96.2#
 89 0.2 35.6 53.4#

