

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070500.D
 Acq On : 28 Sep 2021 14:06
 Operator : VA/SY
 Sample : M3935-04RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S

Quant Time: Sep 28 23:42:17 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)

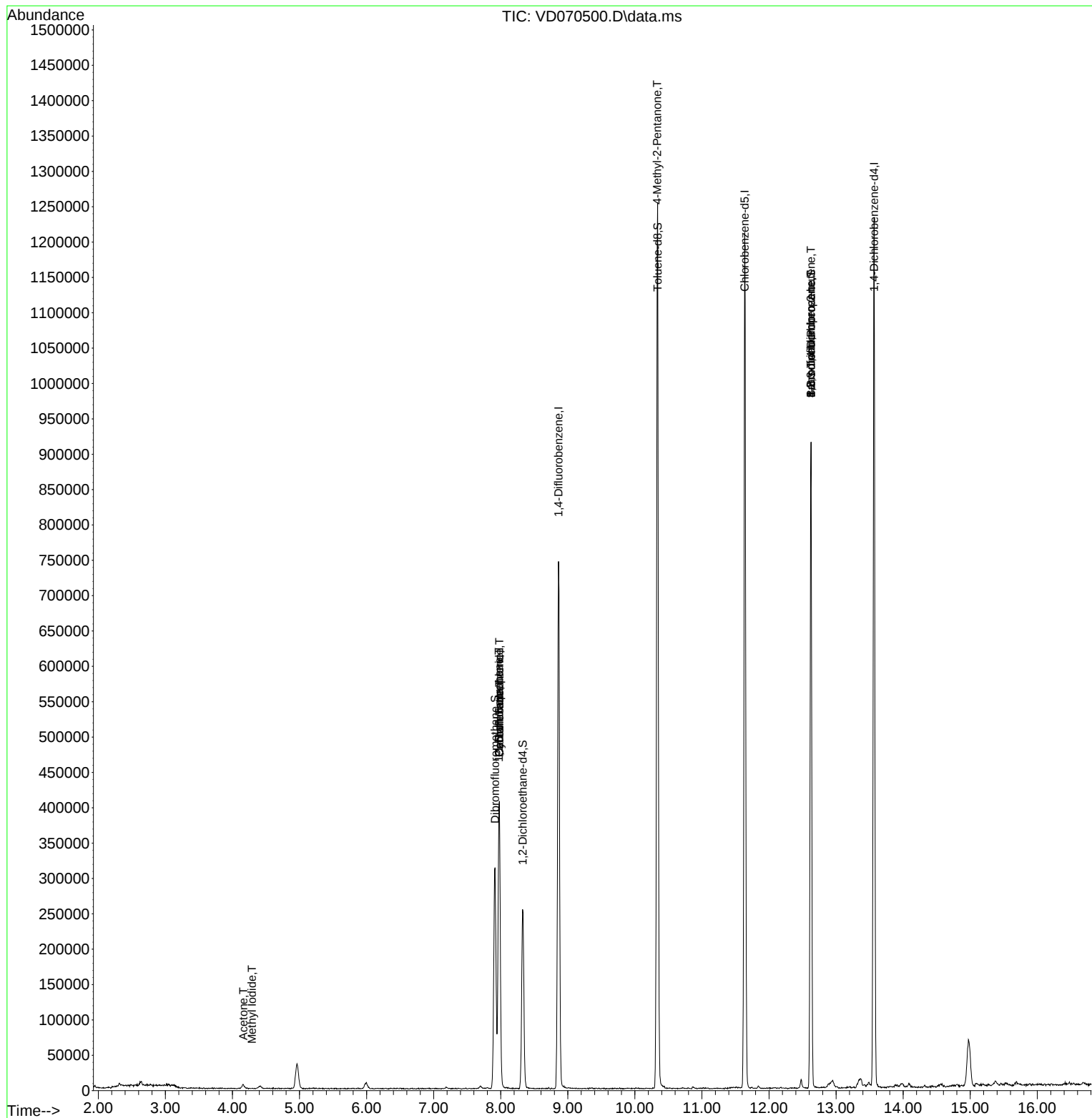
Internal Standards						
1) Pentafluorobenzene	7.979	168	293208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	649286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	716816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	329303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206740	54.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.914	113	232735	50.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.720%	
50) Toluene-d8	10.338	98	881157	52.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	12.626	95	325661	55.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	383	Below Cal	#	43
3) Chloromethane	2.203	50	304	Below Cal	#	23
5) Bromomethane	2.785	94	1299	Below Cal	#	63
6) Chloroethane	3.109	64	59	Below Cal	#	43
10) Methyl Iodide	4.291	142	264	1.100	ug/l #	39
16) Acetone	4.162	43	8342	12.411	ug/l #	80
20) Methylene Chloride	4.967	84	28776	Below Cal		97
31) Cyclohexane	7.979	56	6573	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	26327	3.793	ug/l #	48
38) Carbon Tetrachloride	7.979	117	33252	4.845	ug/l #	15
51) 4-Methyl-2-Pentanone	10.332	43	3417	1.376	ug/l #	1
71) Bromoform	12.626	173	3080	1.146	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	154721	46.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	154721	116.384	ug/l #	17

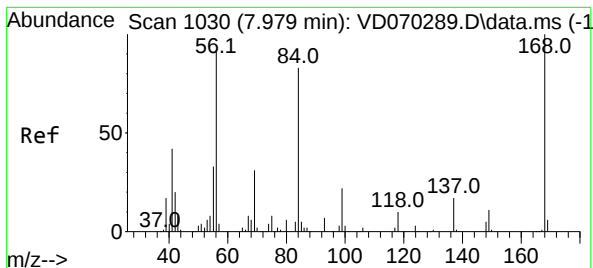
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070500.D

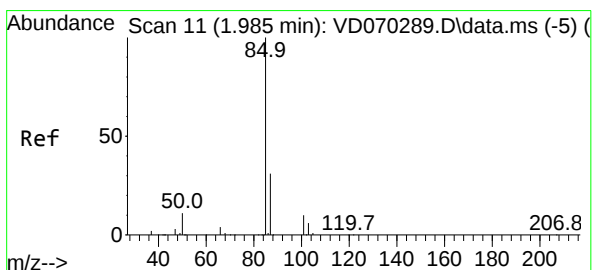
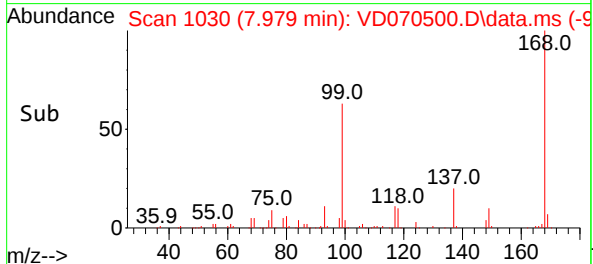
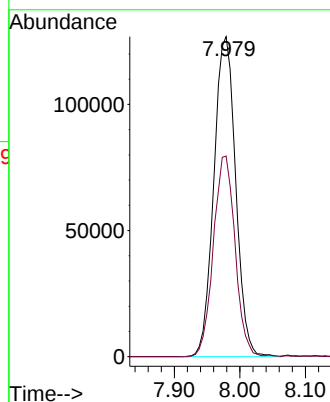
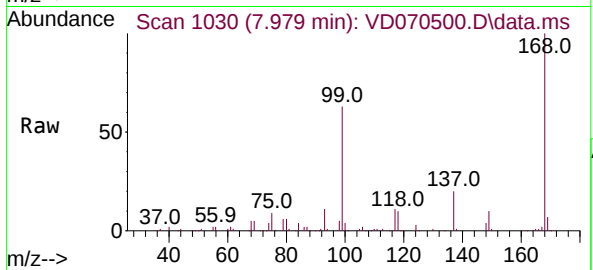
Acq: 28 Sep 2021 14:06

Tgt Ion:168 Resp: 293208

Ion Ratio Lower Upper

168 100

99 62.7 50.8 76.2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070500.D

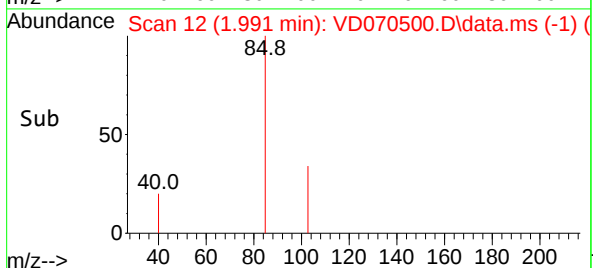
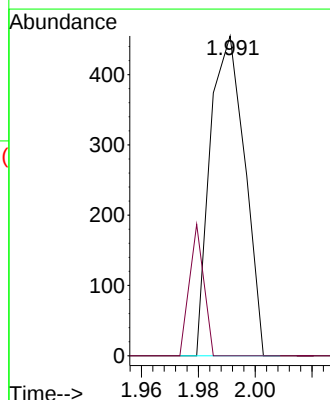
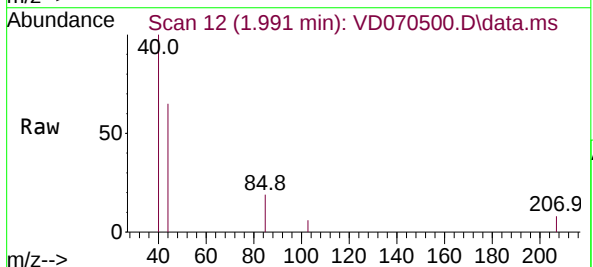
Acq: 28 Sep 2021 14:06

Tgt Ion: 85 Resp: 383

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#

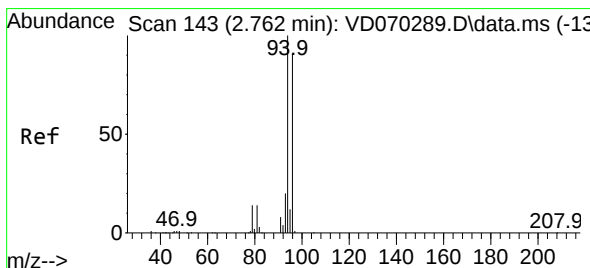
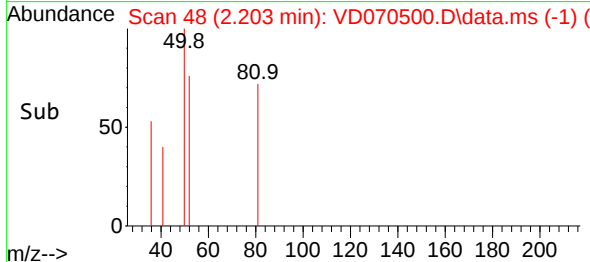
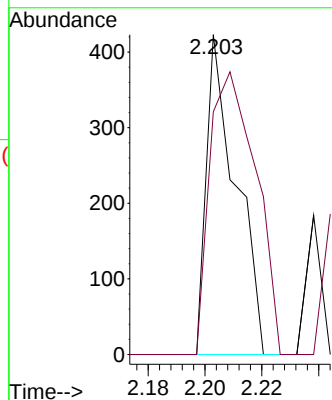
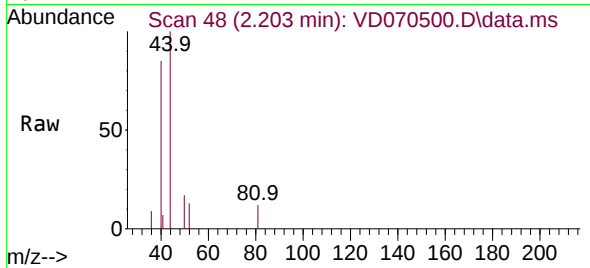




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

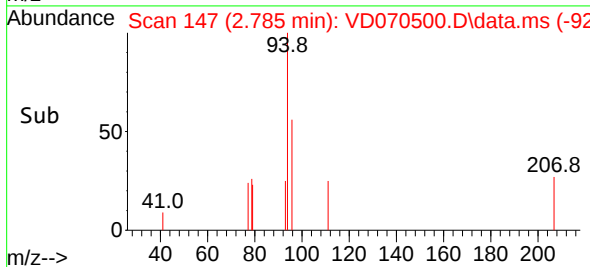
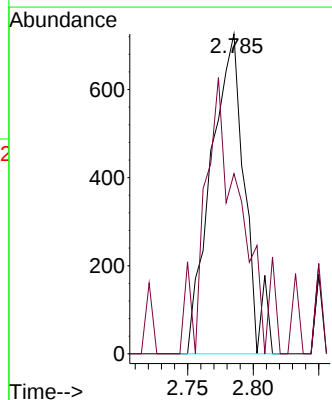
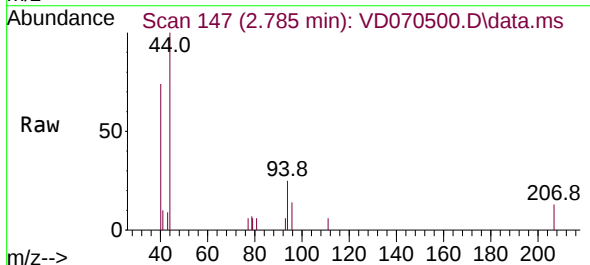
Instrument :
MSVOA_D
ClientSampled :
TP-1-S

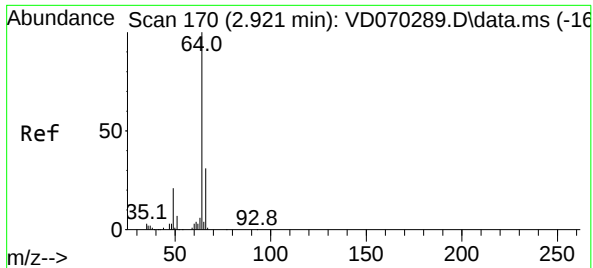
Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 75.9 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion: 94 Resp: 1299
Ion Ratio Lower Upper
94 100
96 56.3 73.0 109.6#

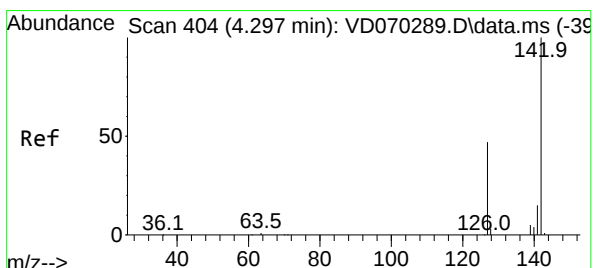
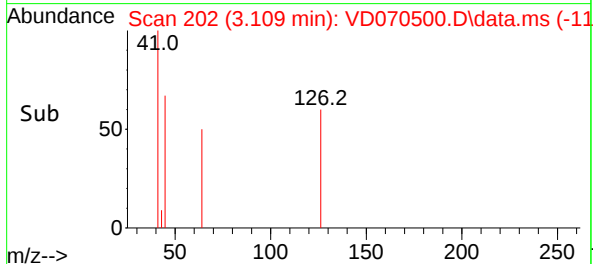
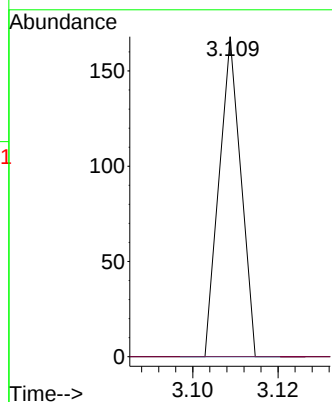
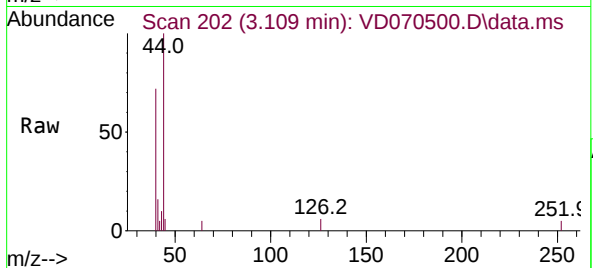




#6
Chloroethane
Concen: Below Cal
RT: 3.109 min Scan# 202
Delta R.T. 0.188 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

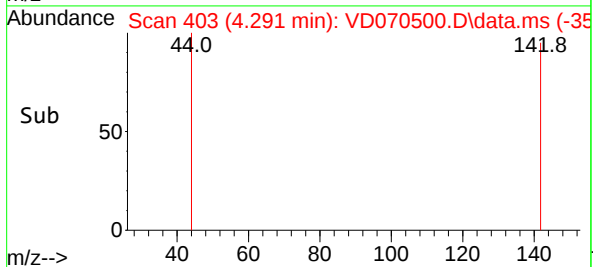
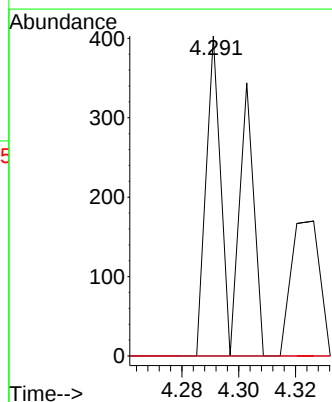
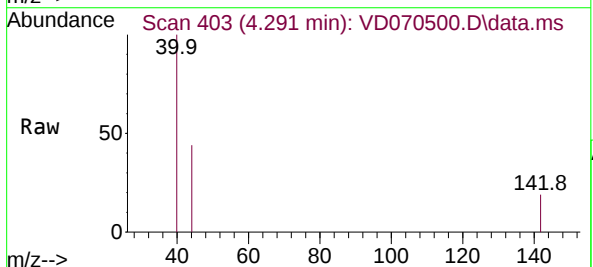
Instrument :
MSVOA_D
ClientSampled :
TP-1-S

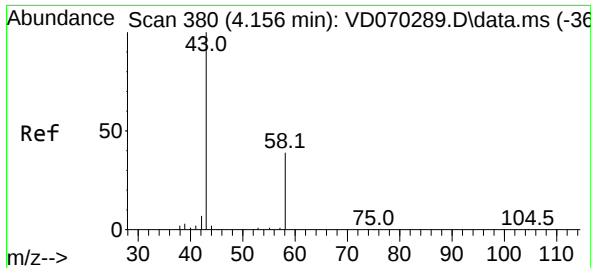
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.100 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion: 142 Resp: 264
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

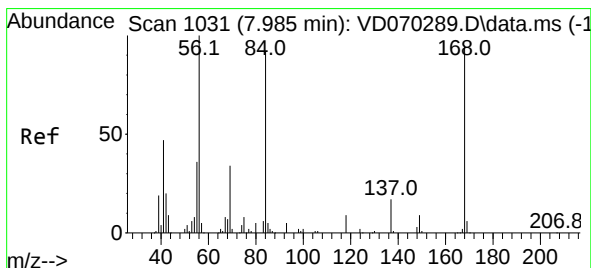
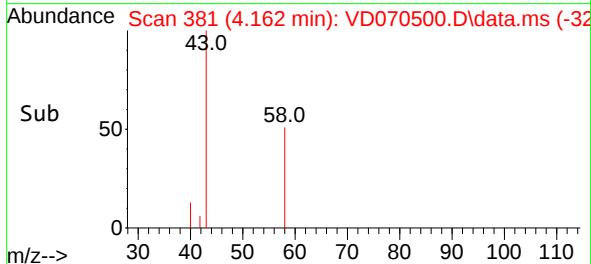
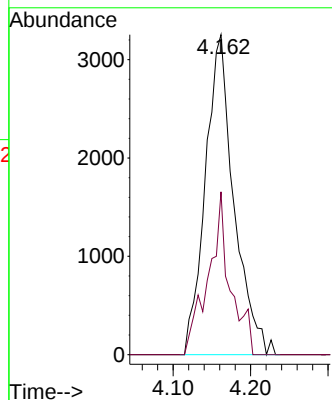
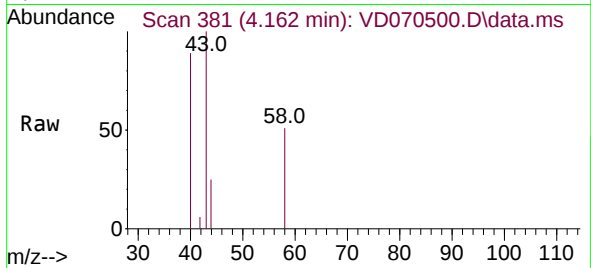




#16
Acetone
Concen: 12.411 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

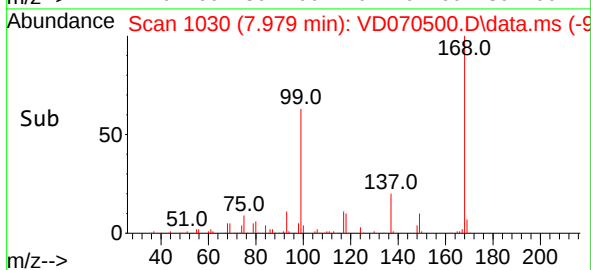
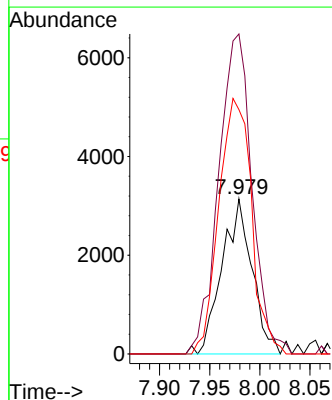
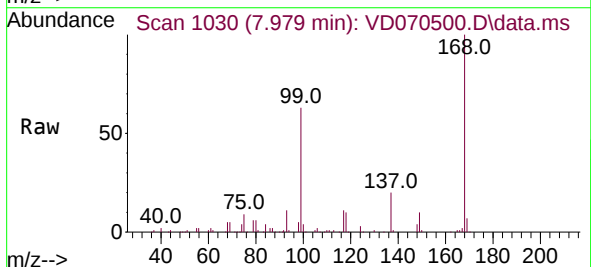
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

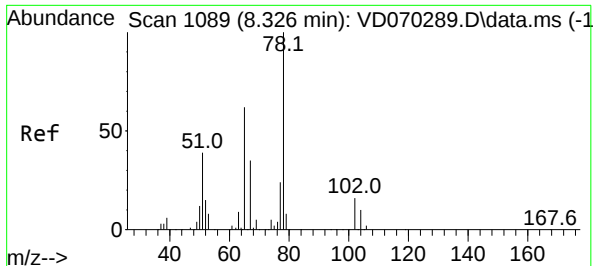
Tgt Ion: 43 Resp: 8342
Ion Ratio Lower Upper
43 100
58 50.9 30.9 46.3#



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion: 56 Resp: 6573
Ion Ratio Lower Upper
56 100
69 206.4 26.9 40.3#
84 157.6 73.6 110.4#



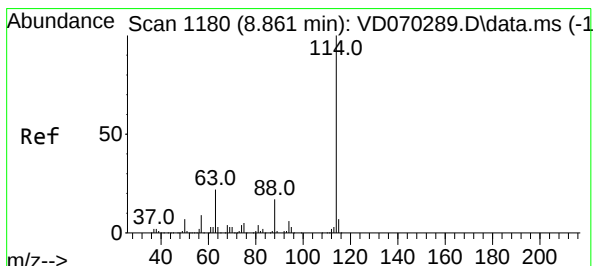
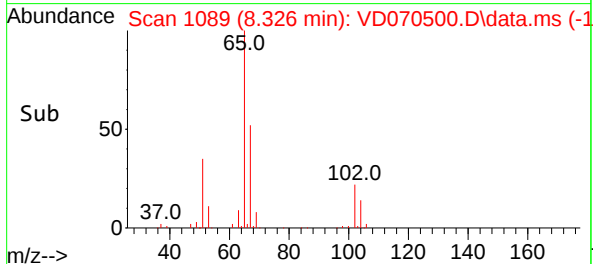
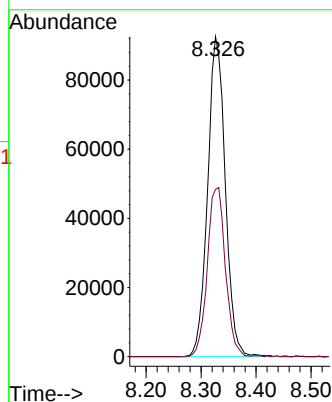
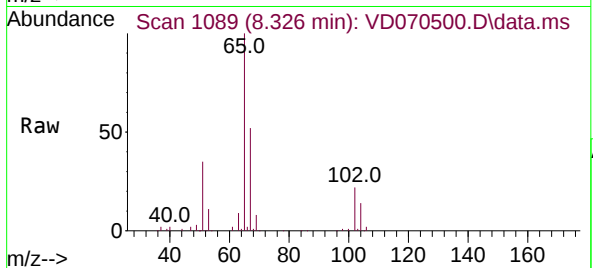


#33

1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

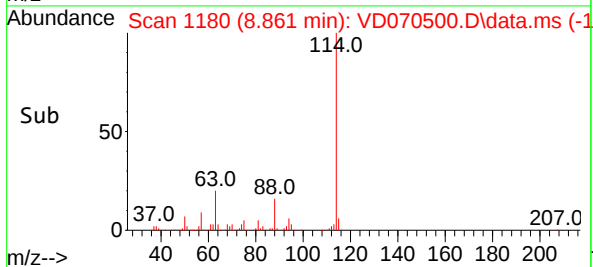
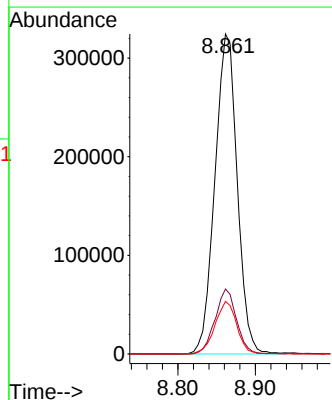
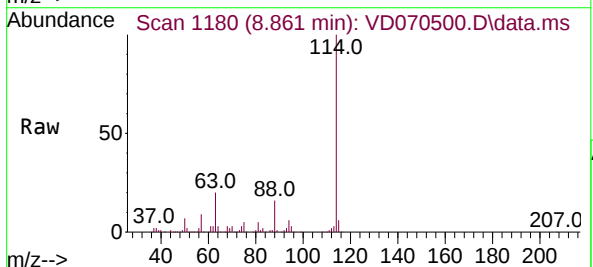
Tgt Ion: 65 Resp: 206740
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.4

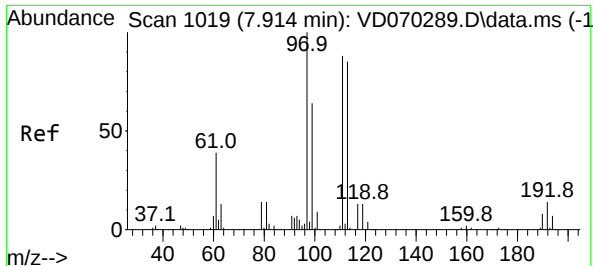


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion:114 Resp: 649286
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.357 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070500.D

Acq: 28 Sep 2021 14:06

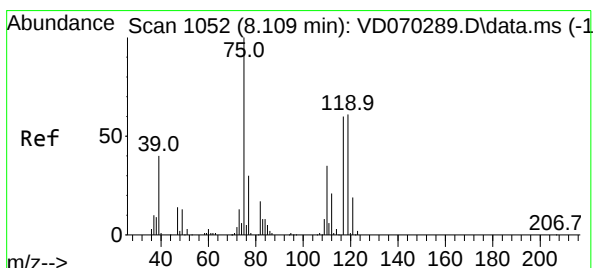
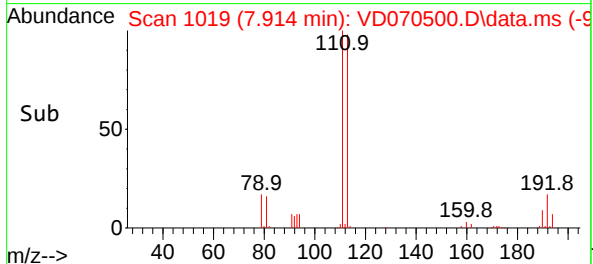
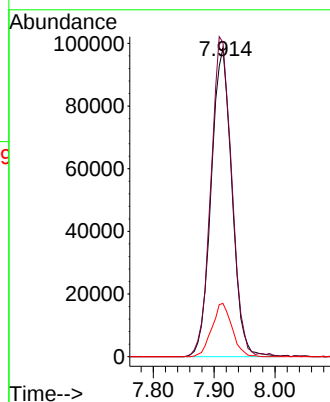
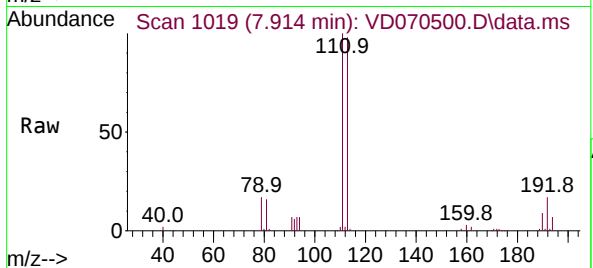
Tgt Ion:113 Resp: 232735

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.2

192 16.8 13.0 19.6



#36

1,1-Dichloropropene

Concen: 3.793 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070500.D

Acq: 28 Sep 2021 14:06

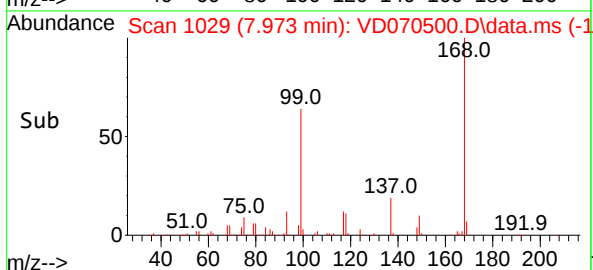
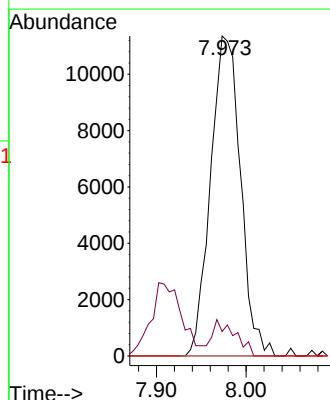
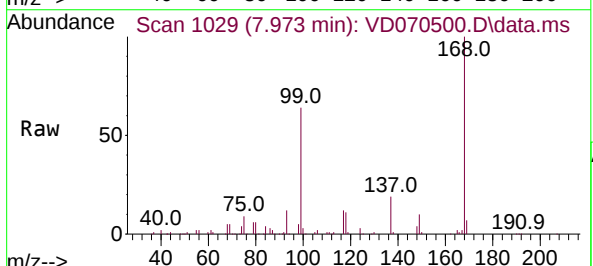
Tgt Ion: 75 Resp: 26327

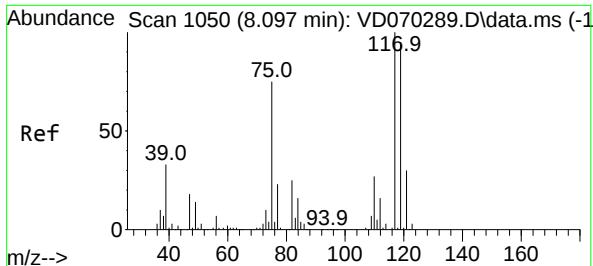
Ion Ratio Lower Upper

75 100

110 8.4 17.9 53.7#

77 0.0 25.3 37.9#

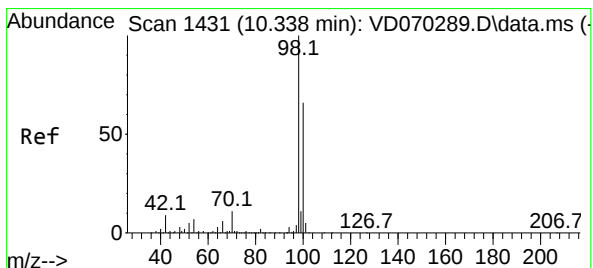
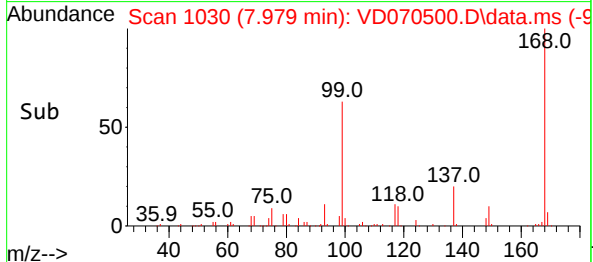
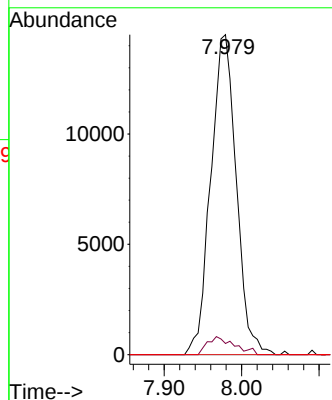
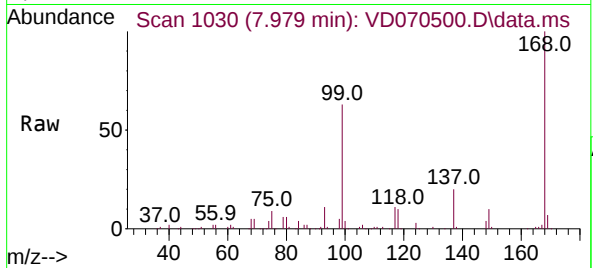




#38
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

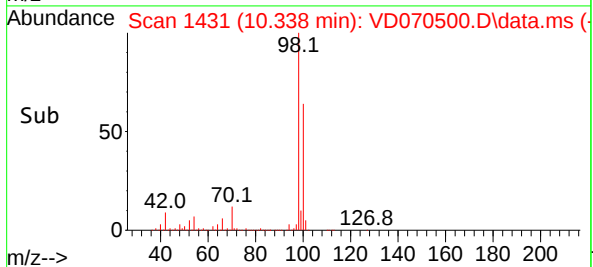
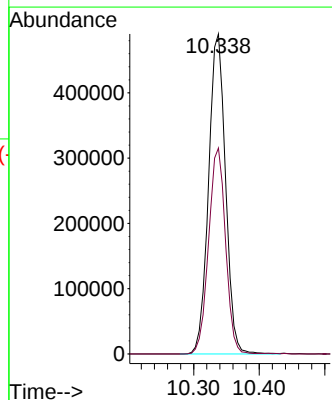
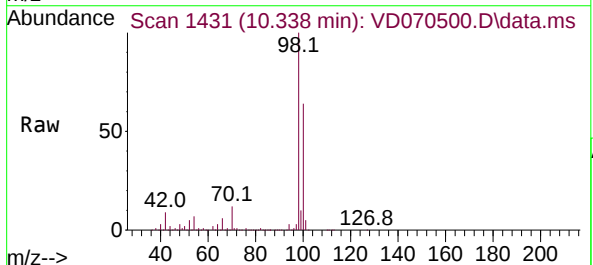
Instrument :
MSVOA_D
ClientSampled :
TP-1-S

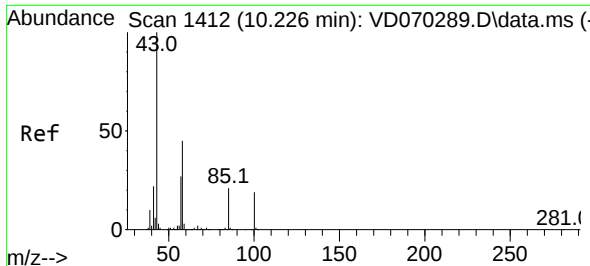
Tgt Ion:117 Resp: 33252
Ion Ratio Lower Upper
117 100
119 3.5 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 52.511 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion: 98 Resp: 881157
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

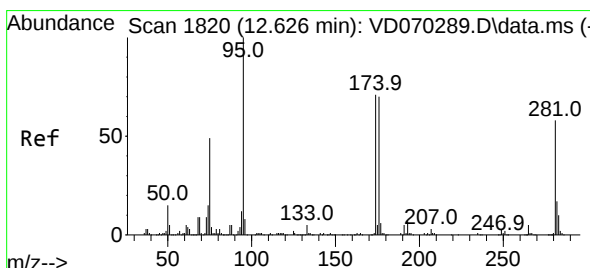
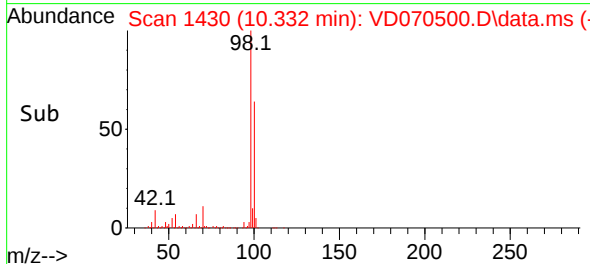
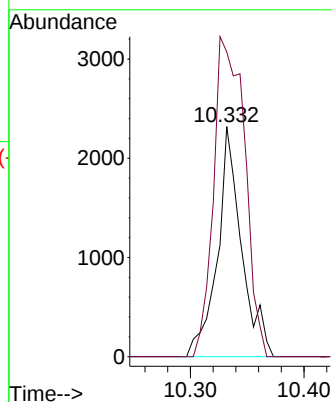
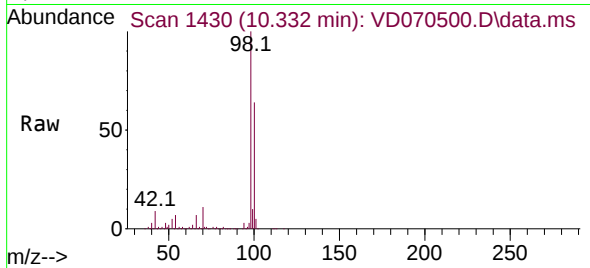




#51
4-Methyl-2-Pentanone
Concen: 1.376 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

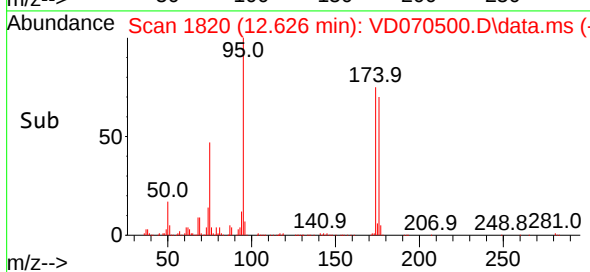
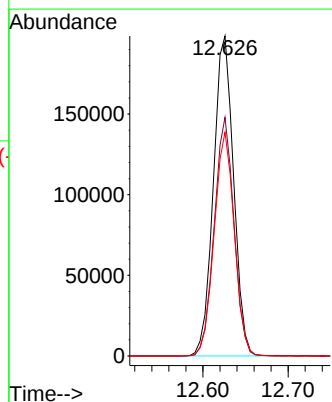
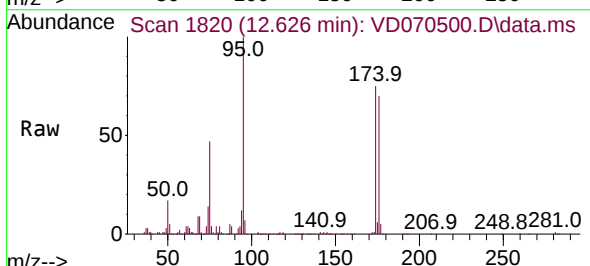
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

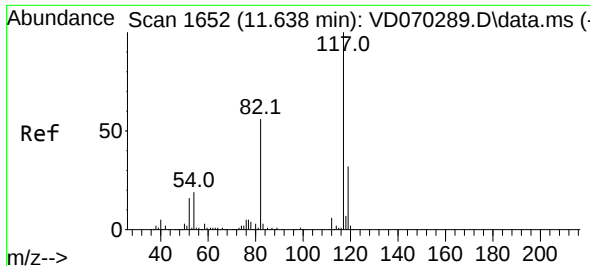
Tgt Ion: 43 Resp: 3417
Ion Ratio Lower Upper
43 100
58 179.1 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 55.531 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion: 95 Resp: 325661
Ion Ratio Lower Upper
95 100
174 73.1 0.0 140.6
176 69.7 0.0 137.4

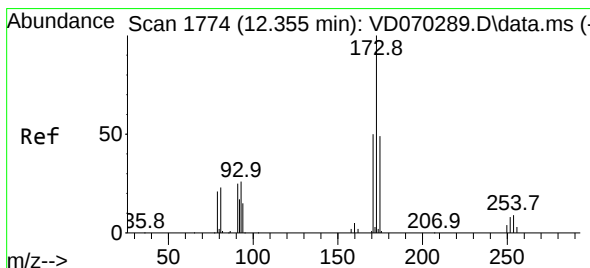
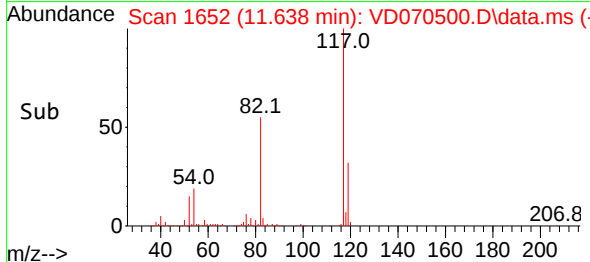
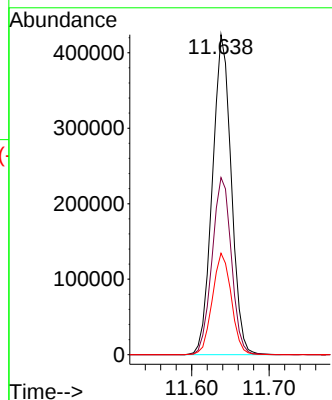
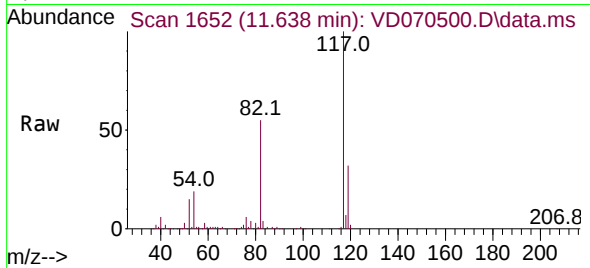




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

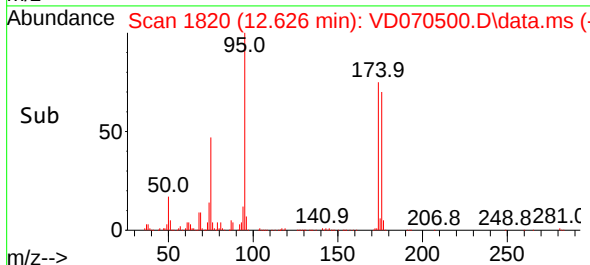
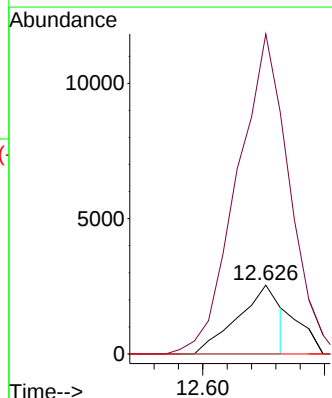
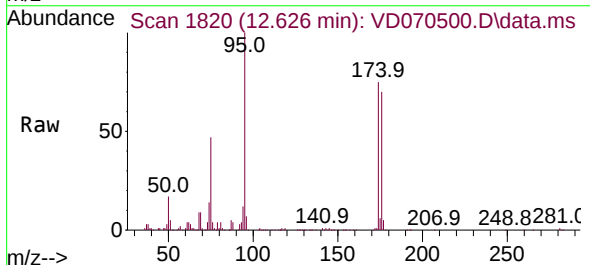
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

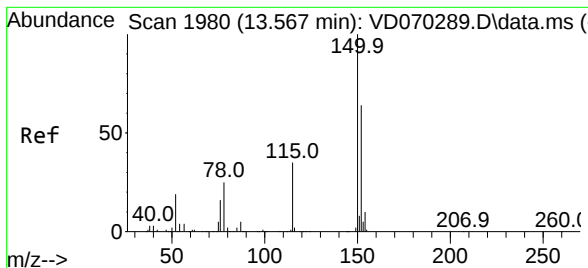
Tgt Ion:	117	Resp:	716816
Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.0	67.4
119	31.7	25.2	37.8



#71
Bromoform
Concen: 1.146 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

Tgt Ion:	173	Resp:	3080
Ion	Ratio	Lower	Upper
173	100		
175	480.4	25.1	75.2#
254	0.0	0.1	0.1#

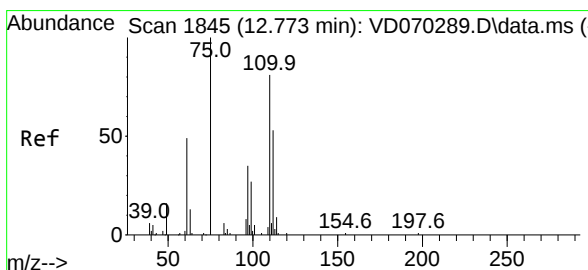
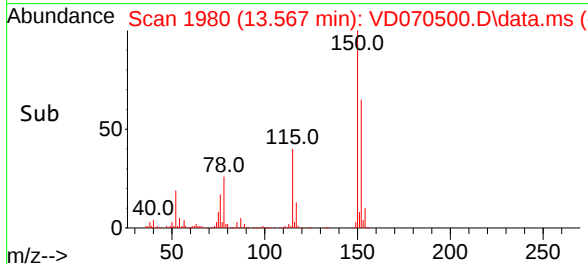
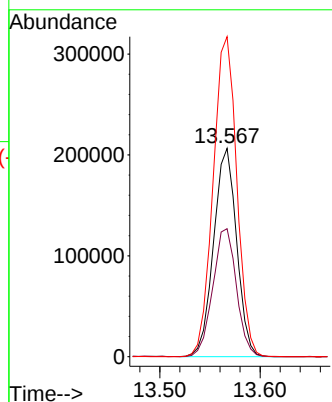
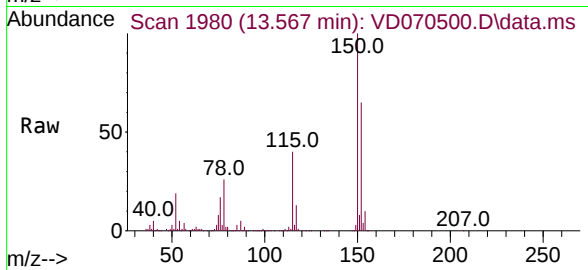




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

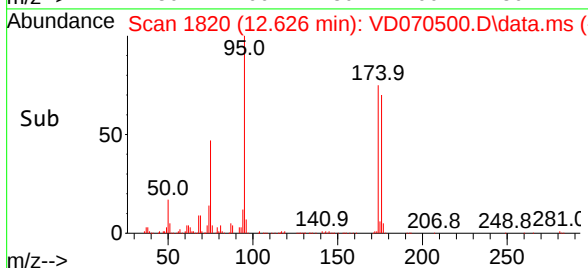
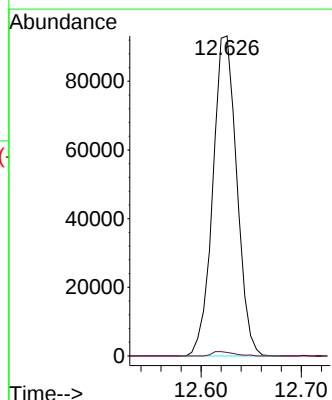
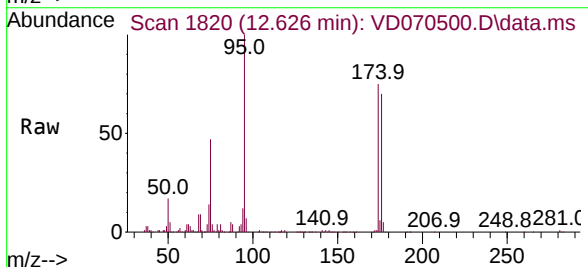
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

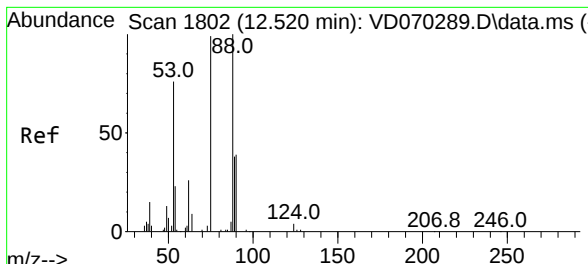
Tgt Ion:152 Resp: 329303
Ion Ratio Lower Upper
152 100
115 63.0 32.1 96.3
150 157.7 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 46.450 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070500.D
Acq: 28 Sep 2021 14:06

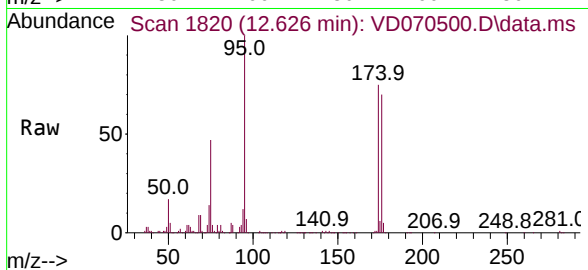
Tgt Ion: 75 Resp: 154721
Ion Ratio Lower Upper
75 100
77 1.3 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.384 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070500.D
 Acq: 28 Sep 2021 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S



Tgt Ion: 75 Resp: 154721
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.2 96.2#
 89 0.0 35.6 53.4#

