

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070306.D
 Acq On : 10 Sep 2021 18:13
 Operator : VA/SY
 Sample : M3684-07
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 02:27:54 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)

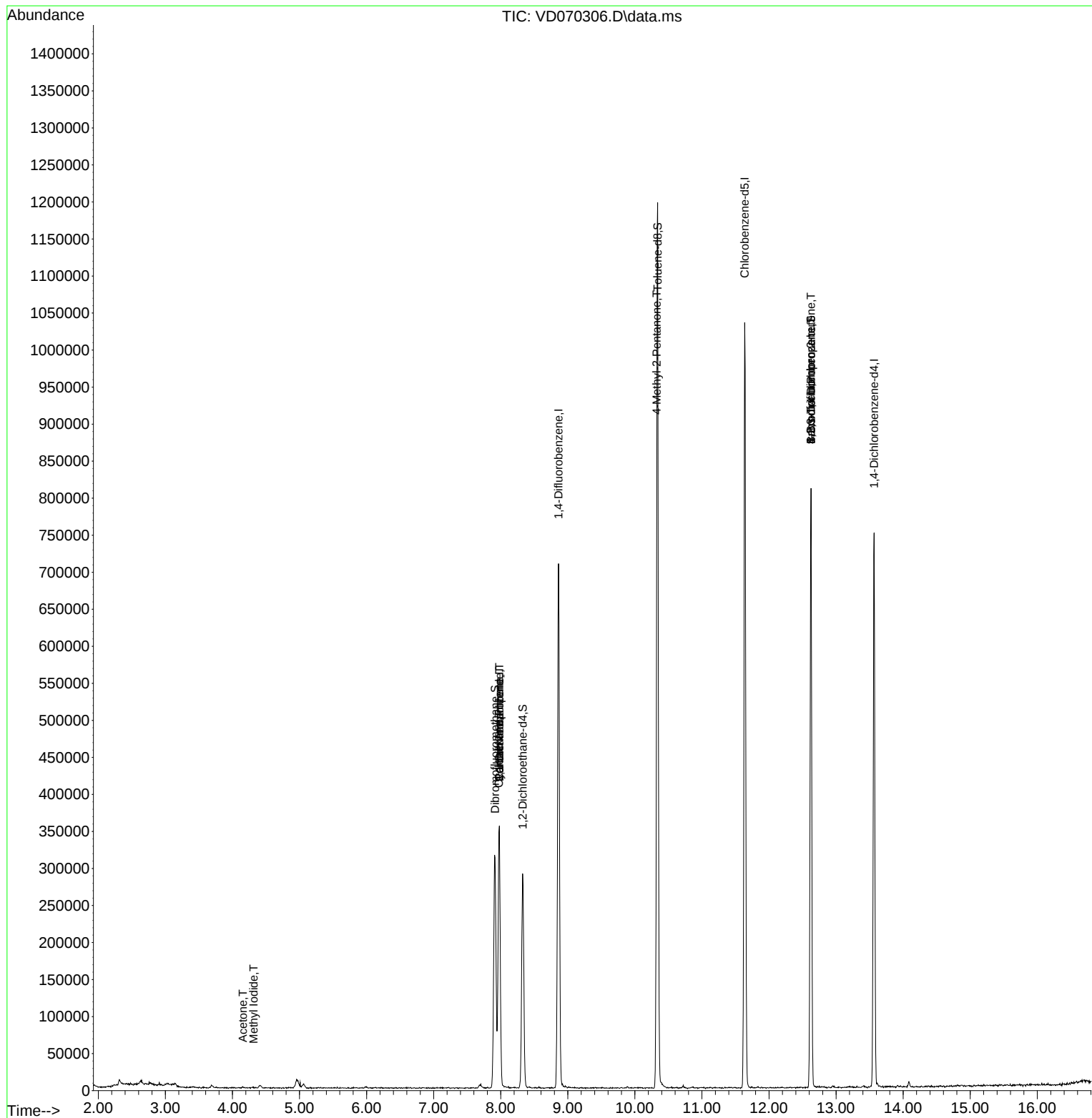
Internal Standards						
1) Pentafluorobenzene	7.979	168	244346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	588139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	616515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	197322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229828	73.253	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.500%			
35) Dibromofluoromethane	7.914	113	235212	56.184	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.360%			
50) Toluene-d8	10.338	98	808347	53.181	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.360%			
62) 4-Bromofluorobenzene	12.626	95	236263	44.476	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	200	Below Cal	#	43
3) Chloromethane	2.203	50	762	Below Cal	#	86
5) Bromomethane	2.779	94	1631	Below Cal		92
6) Chloroethane	2.921	64	68	Below Cal	#	43
10) Methyl Iodide	4.315	142	288	1.122	ug/l #	68
16) Acetone	4.156	43	1420	2.535	ug/l #	36
18) Methyl Acetate	4.979	43	175	Below Cal	#	48
20) Methylene Chloride	4.956	84	9678	Below Cal	#	85
31) Cyclohexane	7.973	56	6010	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	23815	3.788	ug/l #	50
38) Carbon Tetrachloride	7.979	117	26800	4.311	ug/l #	17
51) 4-Methyl-2-Pentanone	10.326	43	3562	1.584	ug/l #	1
71) Bromoform	12.626	173	2495	1.079	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	117952	59.096	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	117952	148.071	ug/l #	18

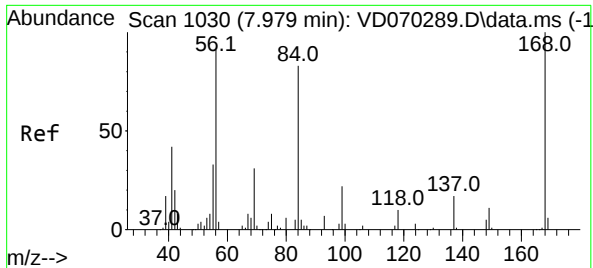
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 11 02:27:54 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

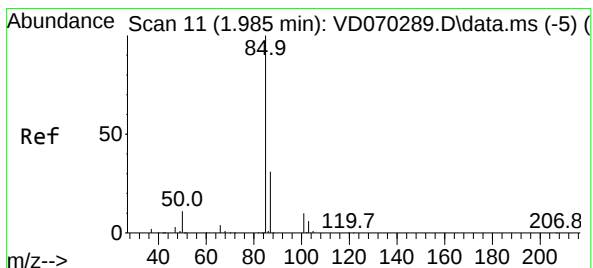
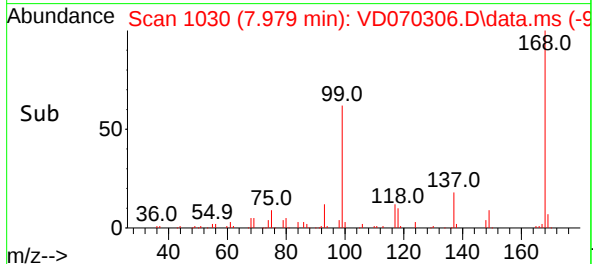
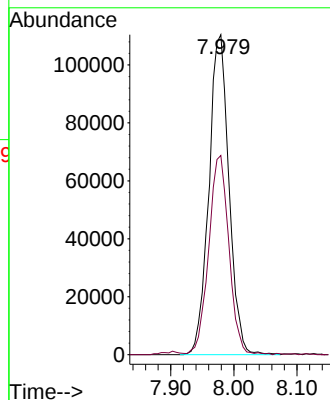
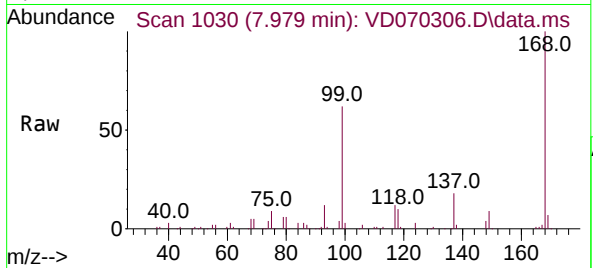




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

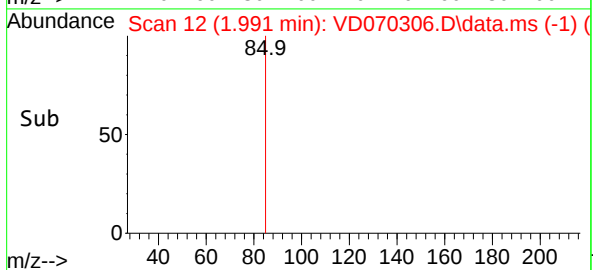
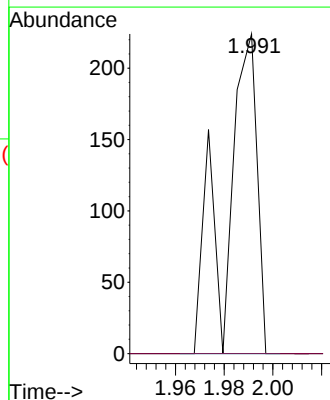
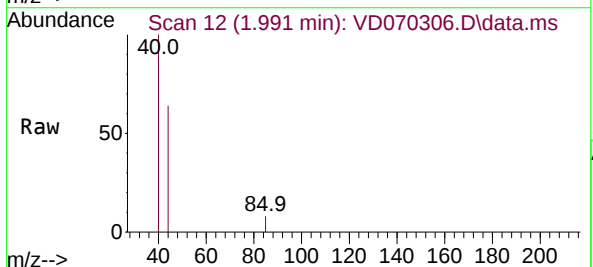
Instrument :
MSVOA_D
ClientSampled :

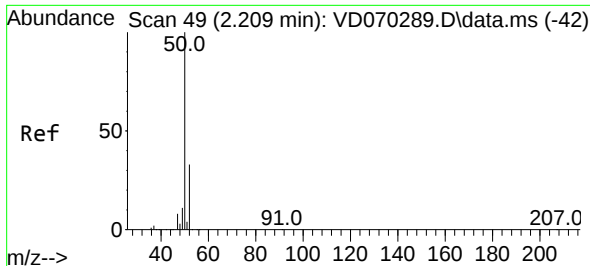
Tgt Ion:168 Resp: 244346
Ion Ratio Lower Upper
168 100
99 62.0 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion: 85 Resp: 200
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

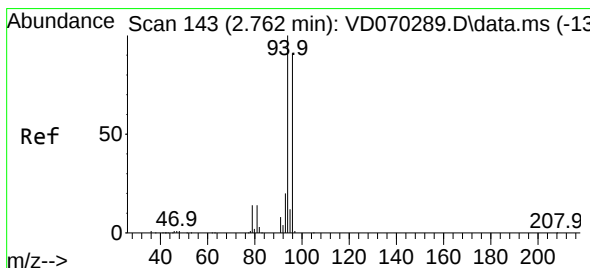
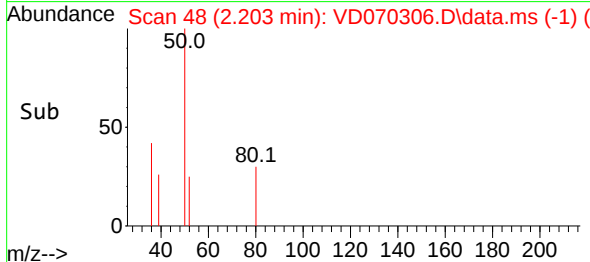
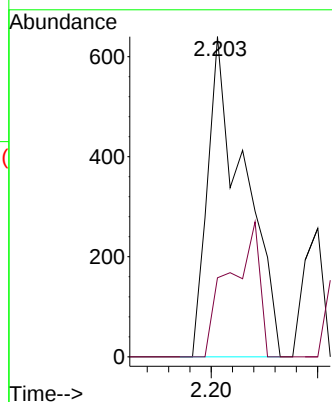
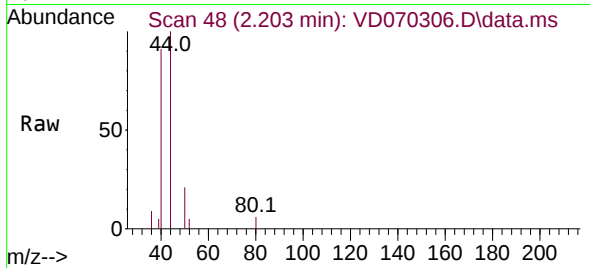




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

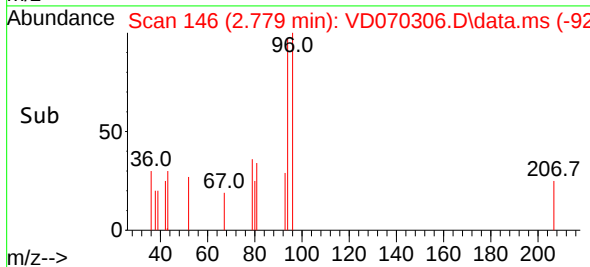
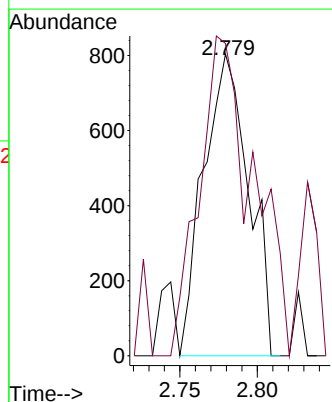
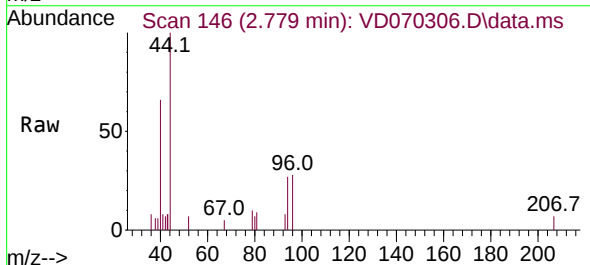
Instrument :
MSVOA_D
ClientSampled :

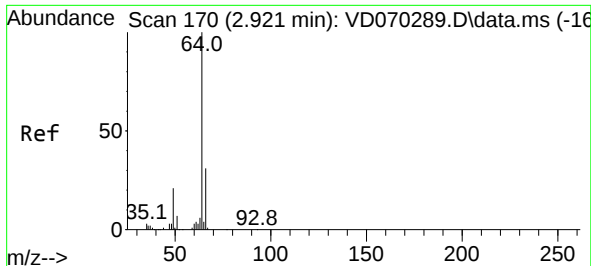
Tgt Ion: 50 Resp: 762
Ion Ratio Lower Upper
50 100
52 24.7 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion: 94 Resp: 1631
Ion Ratio Lower Upper
94 100
96 84.0 73.0 109.6

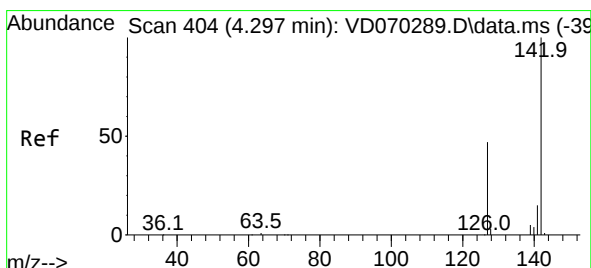
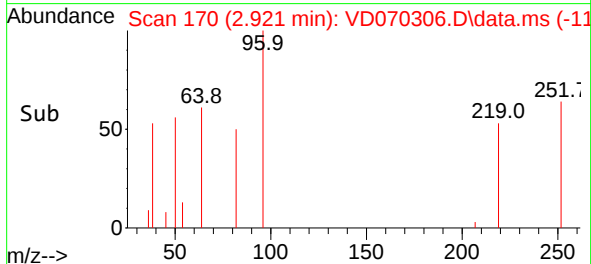
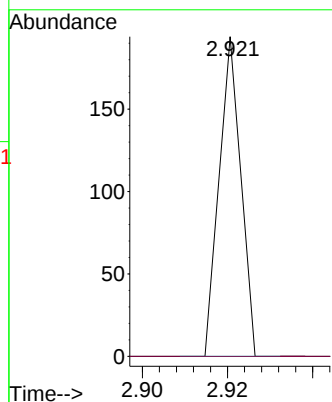
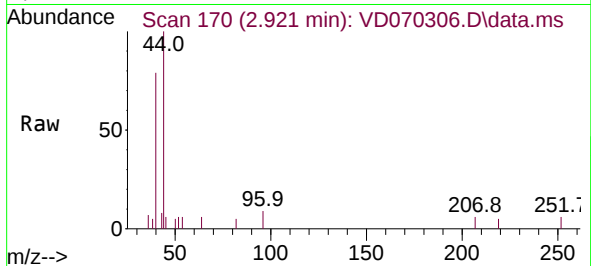




#6
Chloroethane
Concen: Below Cal
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

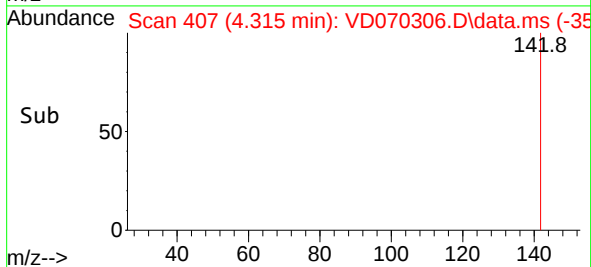
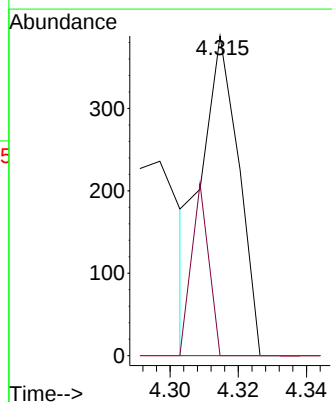
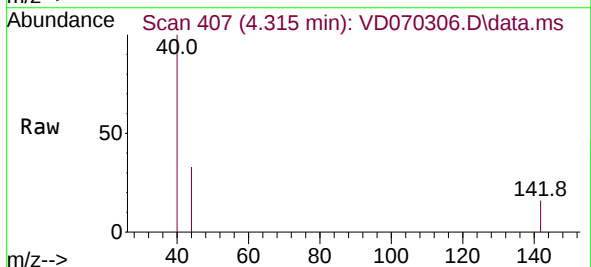
Instrument :
MSVOA_D
ClientSampleId :

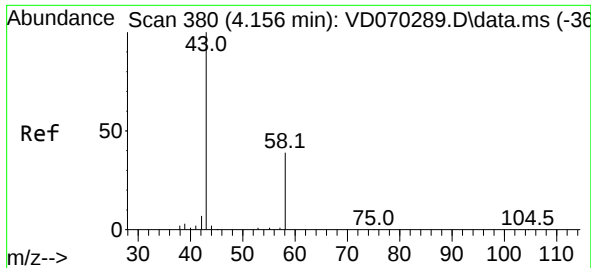
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.122 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
127 25.7 36.9 55.3#
141 0.0 11.8 17.6#

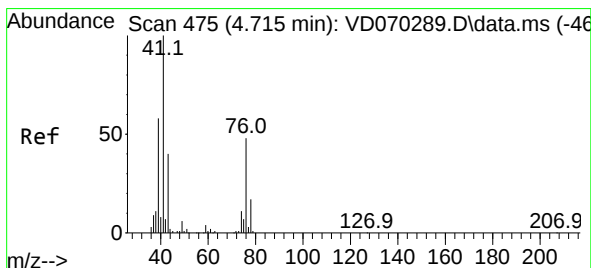
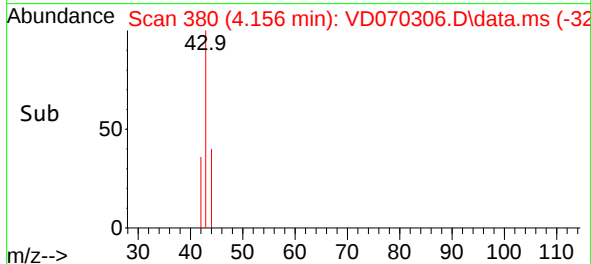
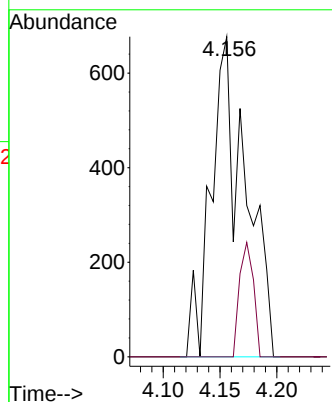
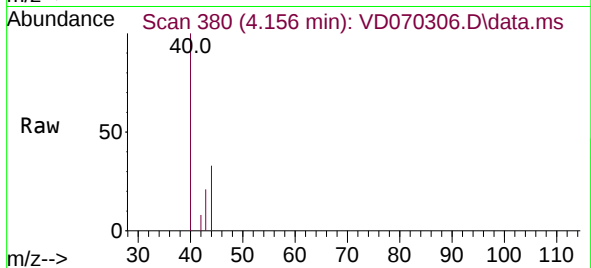




#16
Acetone
Concen: 2.535 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

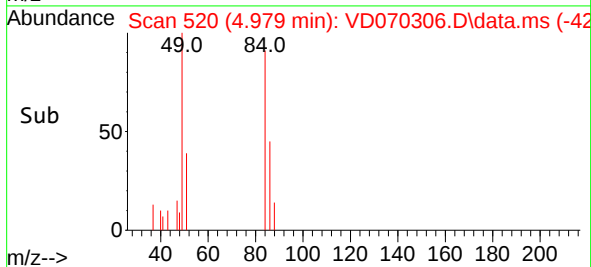
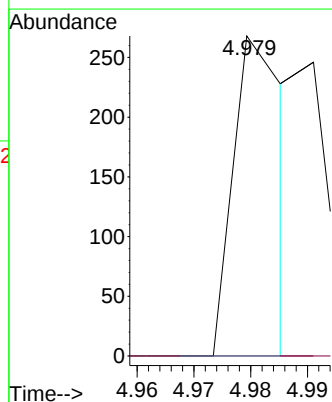
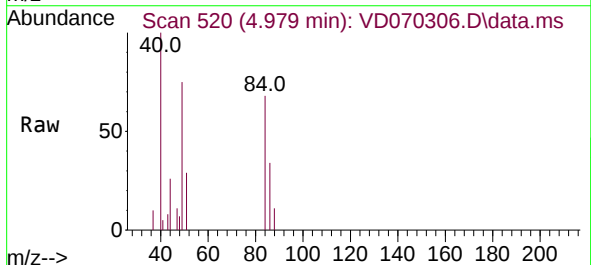
Instrument :
MSVOA_D
ClientSampled :

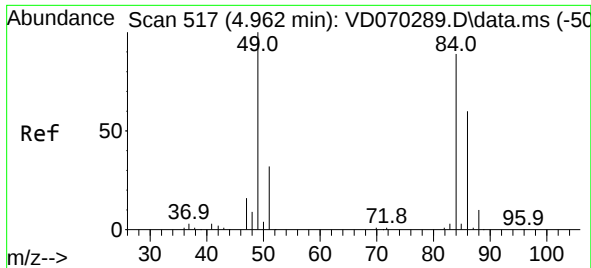
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.264 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

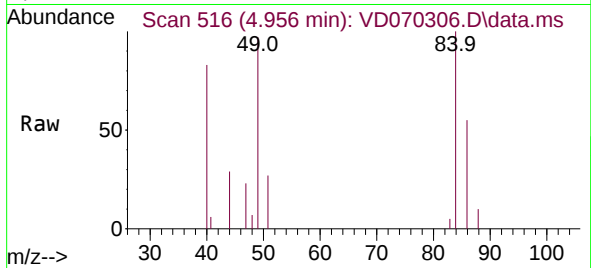
Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



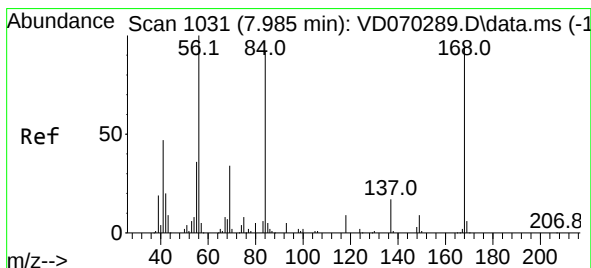
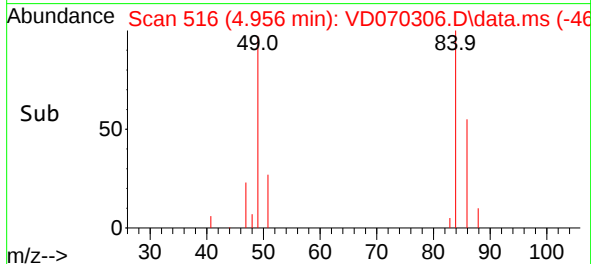
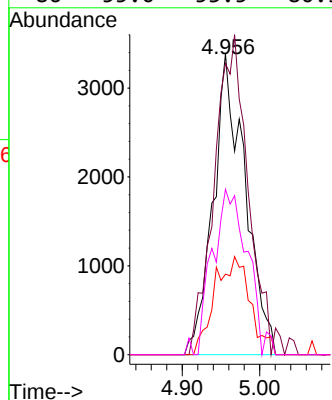


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

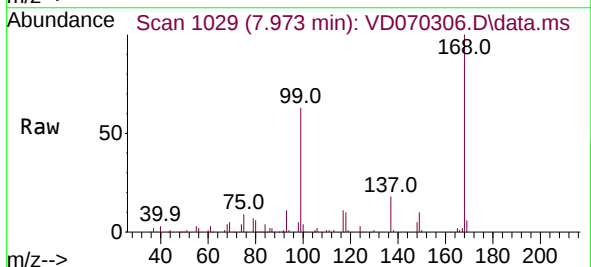
Instrument :
MSVOA_D
ClientSampled :



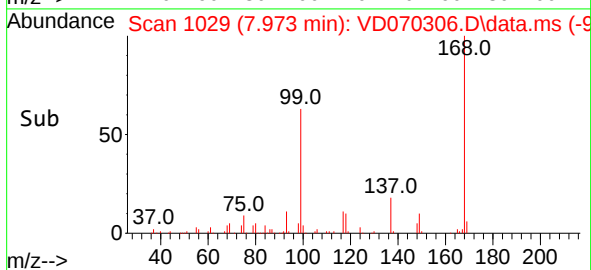
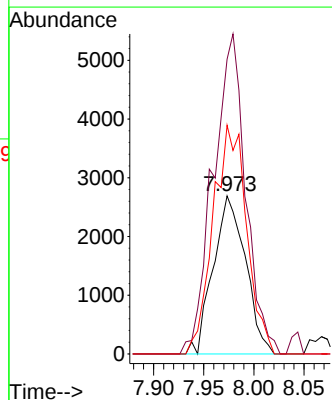
Tgt Ion:	84	Resp:	9678
Ion	Ratio	Lower	Upper
84	100		
49	96.8	89.6	134.4
51	26.7	28.6	43.0#
86	55.0	53.5	80.3

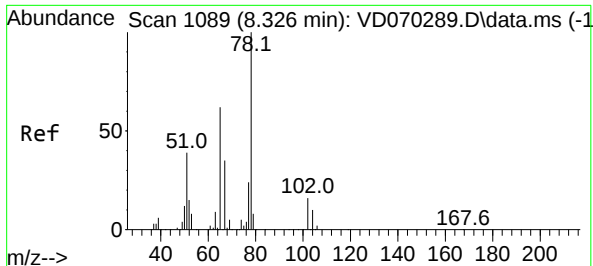


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13



Tgt Ion:	56	Resp:	6010
Ion	Ratio	Lower	Upper
56	100		
69	186.4	26.9	40.3#
84	144.6	73.6	110.4#



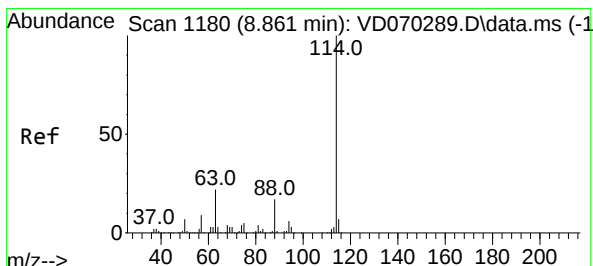
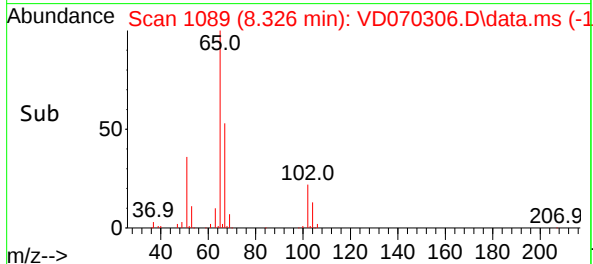
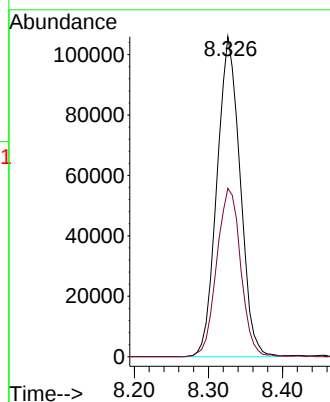
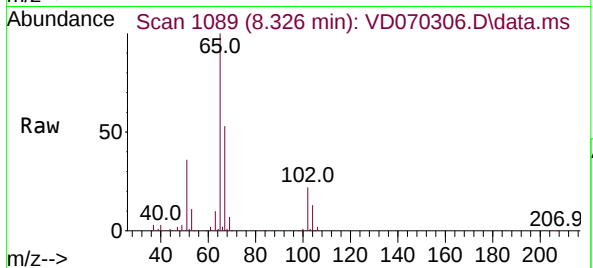


#33

1,2-Dichloroethane-d4
Concen: 73.253 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Instrument :
MSVOA_D
ClientSampleId :

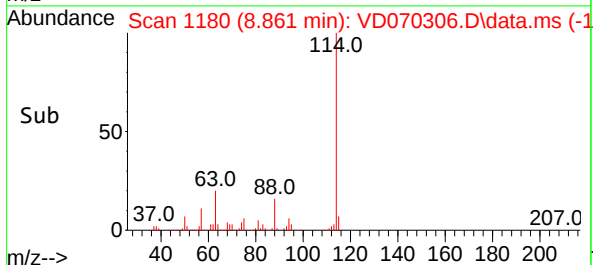
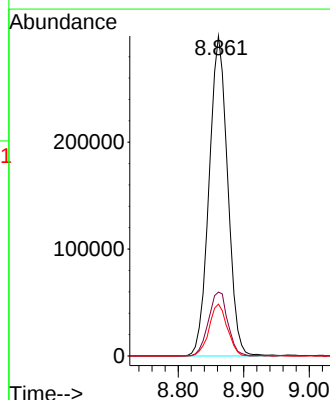
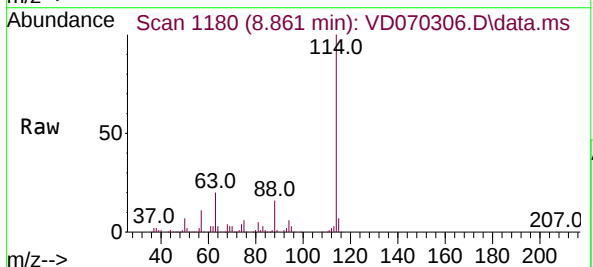
Tgt Ion: 65 Resp: 229828
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.4

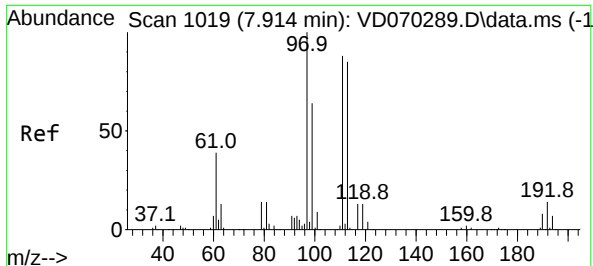


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion:114 Resp: 588139
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.4
88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 56.184 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070306.D

Acq: 10 Sep 2021 18:13

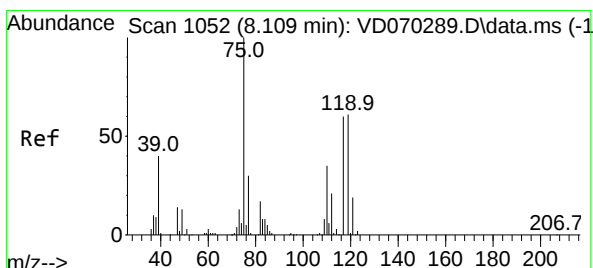
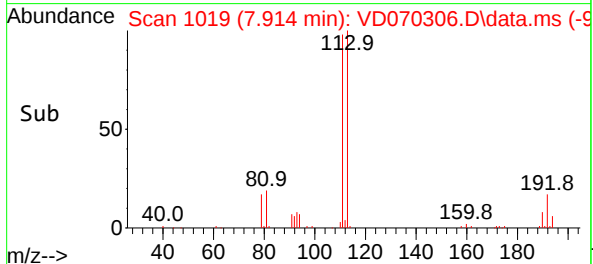
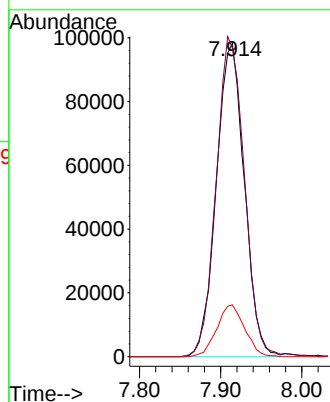
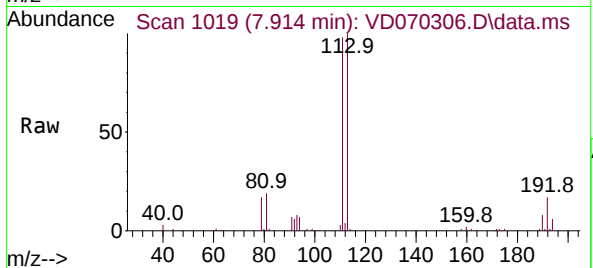
Tgt Ion:113 Resp: 235212

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

192 16.5 13.0 19.6



#36

1,1-Dichloropropene

Concen: 3.788 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070306.D

Acq: 10 Sep 2021 18:13

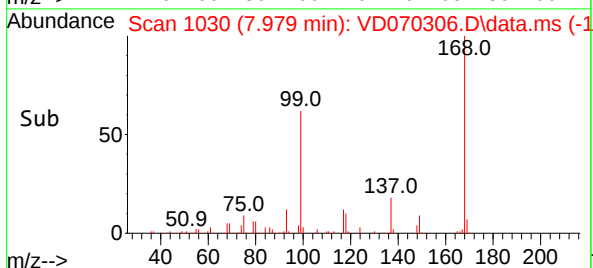
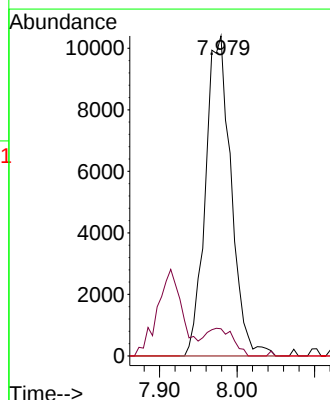
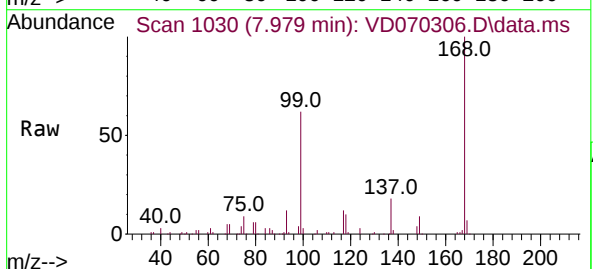
Tgt Ion: 75 Resp: 23815

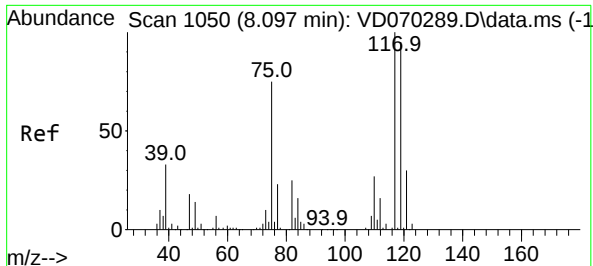
Ion Ratio Lower Upper

75 100

110 9.6 17.9 53.7#

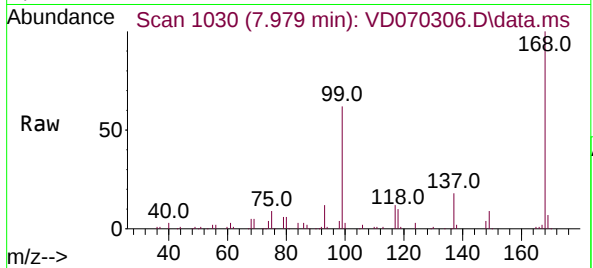
77 0.0 25.3 37.9#



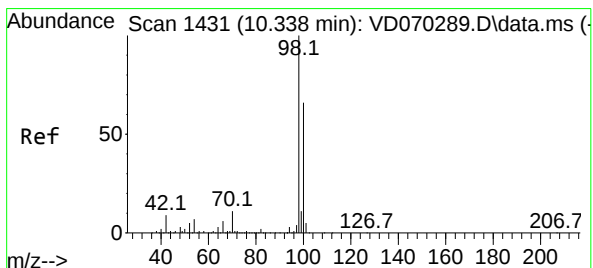
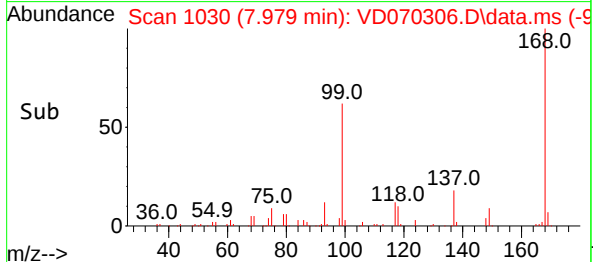
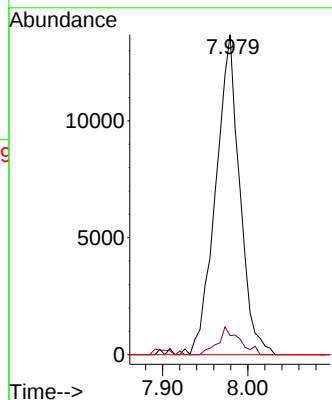


#38
Carbon Tetrachloride
Concen: 4.311 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Instrument :
MSVOA_D
ClientSampled :

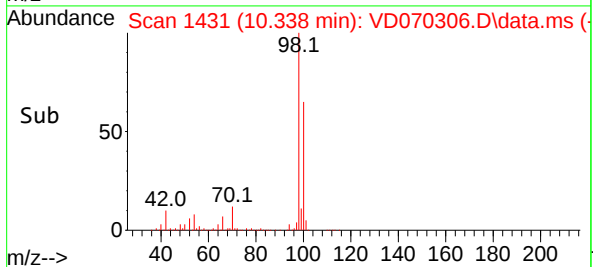
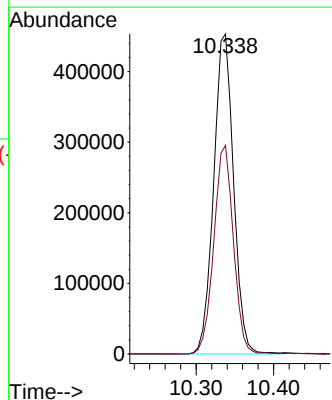
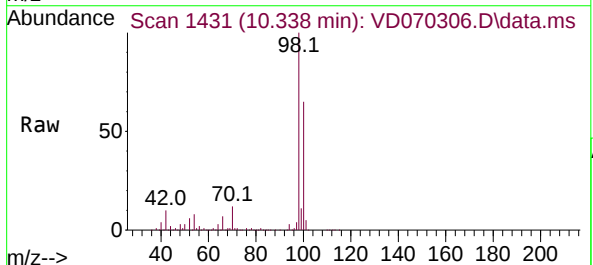


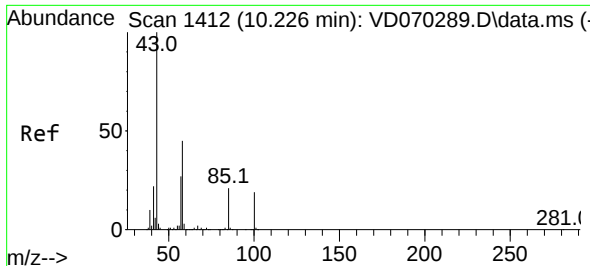
Tgt Ion:117 Resp: 26800
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 53.181 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion: 98 Resp: 808347
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

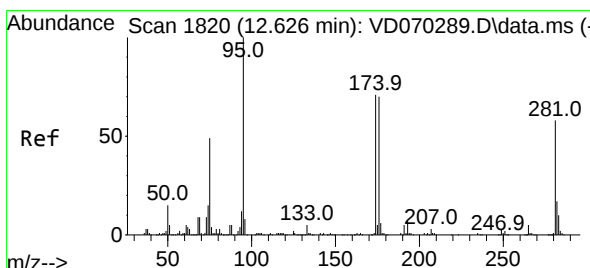
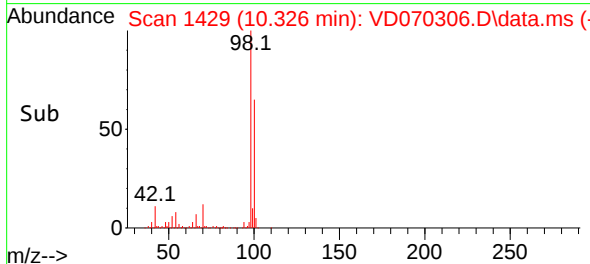
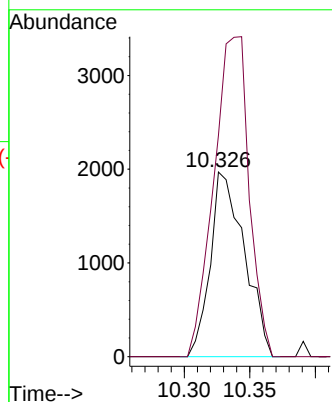
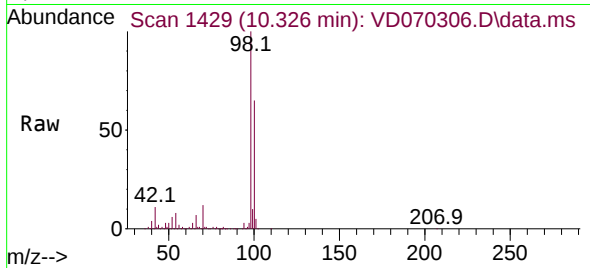




#51
4-Methyl-2-Pentanone
Concen: 1.584 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.100 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

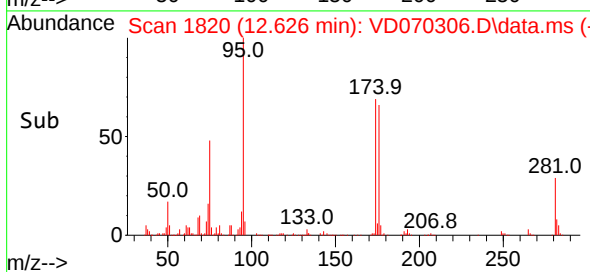
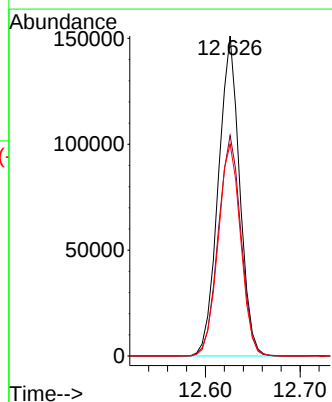
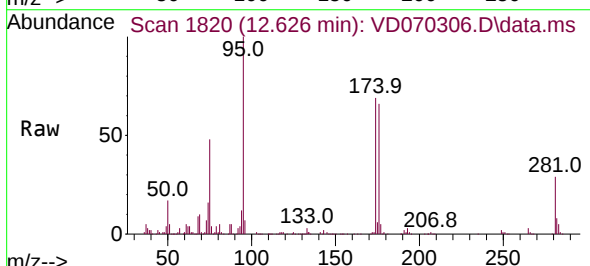
Instrument :
MSVOA_D
ClientSampled :

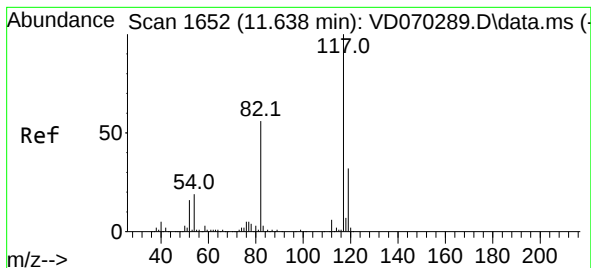
Tgt Ion: 43 Resp: 3562
Ion Ratio Lower Upper
43 100
58 180.0 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 44.476 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion: 95 Resp: 236263
Ion Ratio Lower Upper
95 100
174 73.0 0.0 140.6
176 69.8 0.0 137.4

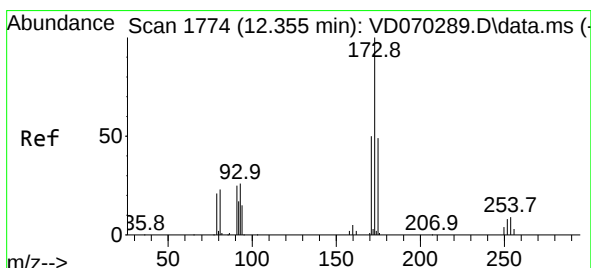
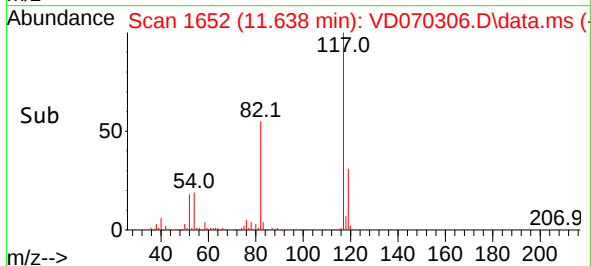
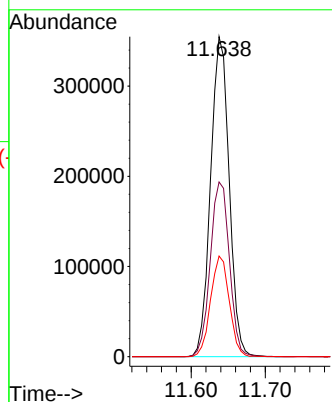
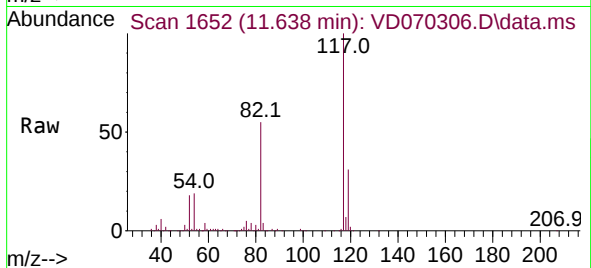




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

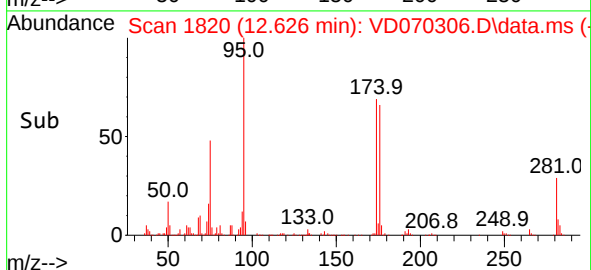
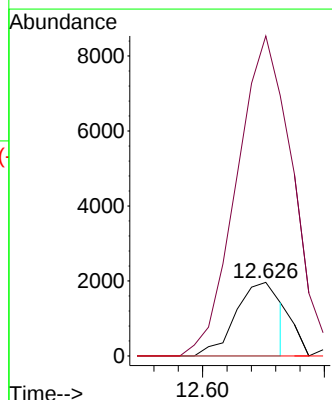
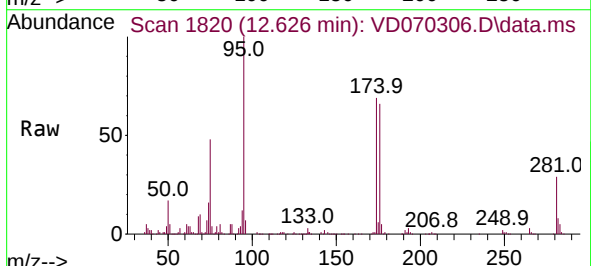
Instrument :
MSVOA_D
ClientSampleId :

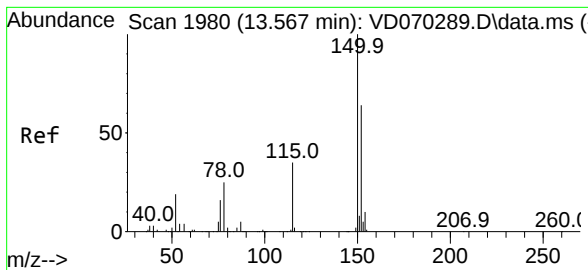
Tgt Ion:	117	Resp:	616515
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.0	67.4
119	31.5	25.2	37.8



#71
Bromoform
Concen: 1.079 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion:	173	Resp:	2495
Ion	Ratio	Lower	Upper
173	100		
175	439.6	25.1	75.2#
254	0.0	0.1	0.1#

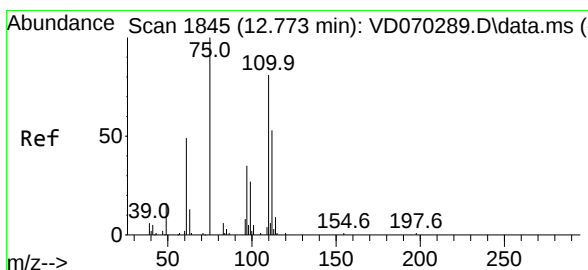
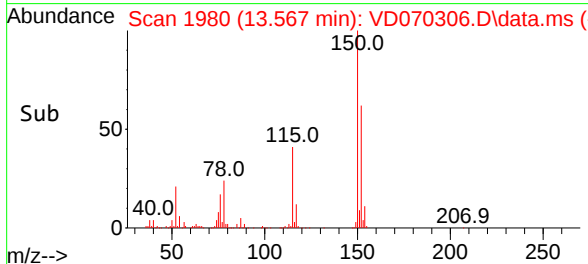
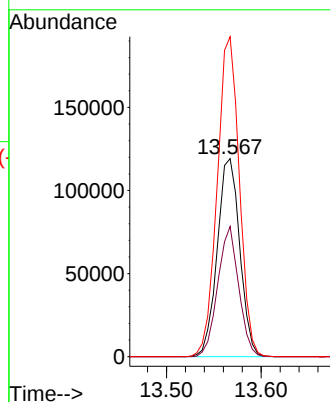
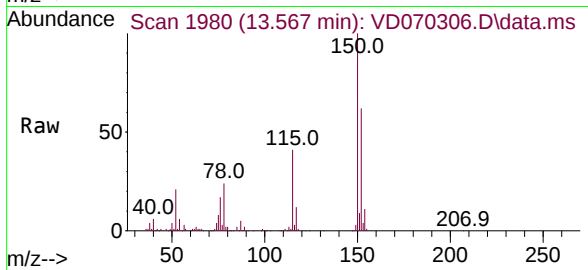




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070306.D
 Acq: 10 Sep 2021 18:13

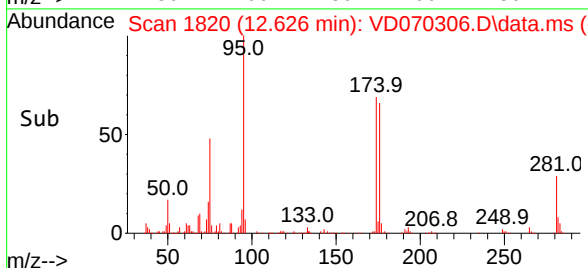
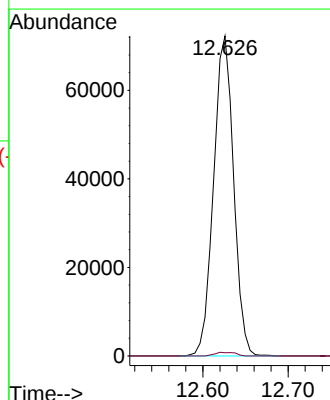
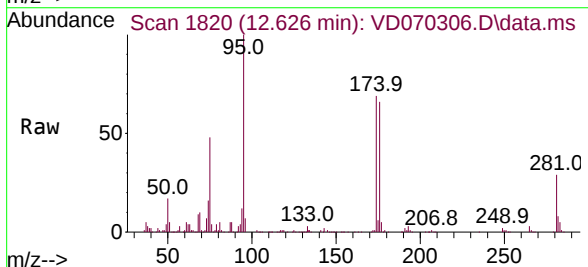
Instrument :
 MSVOA_D
 ClientSampled :

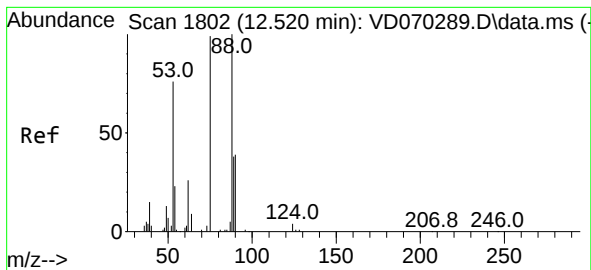
Tgt Ion:152 Resp: 197322
 Ion Ratio Lower Upper
 152 100
 115 61.0 32.1 96.3
 150 158.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 59.096 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070306.D
 Acq: 10 Sep 2021 18:13

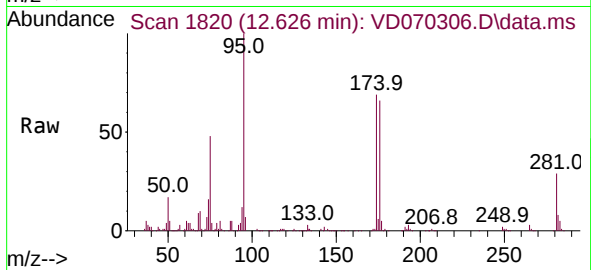
Tgt Ion: 75 Resp: 117952
 Ion Ratio Lower Upper
 75 100
 77 1.2 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.071 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070306.D
 Acq: 10 Sep 2021 18:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 117952
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.2 96.2#
 89 0.3 35.6 53.4#

