

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091521\
 Data File : VD070370.D
 Acq On : 15 Sep 2021 11:29
 Operator : VA/SY
 Sample : M3723-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 16 02:39:33 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)

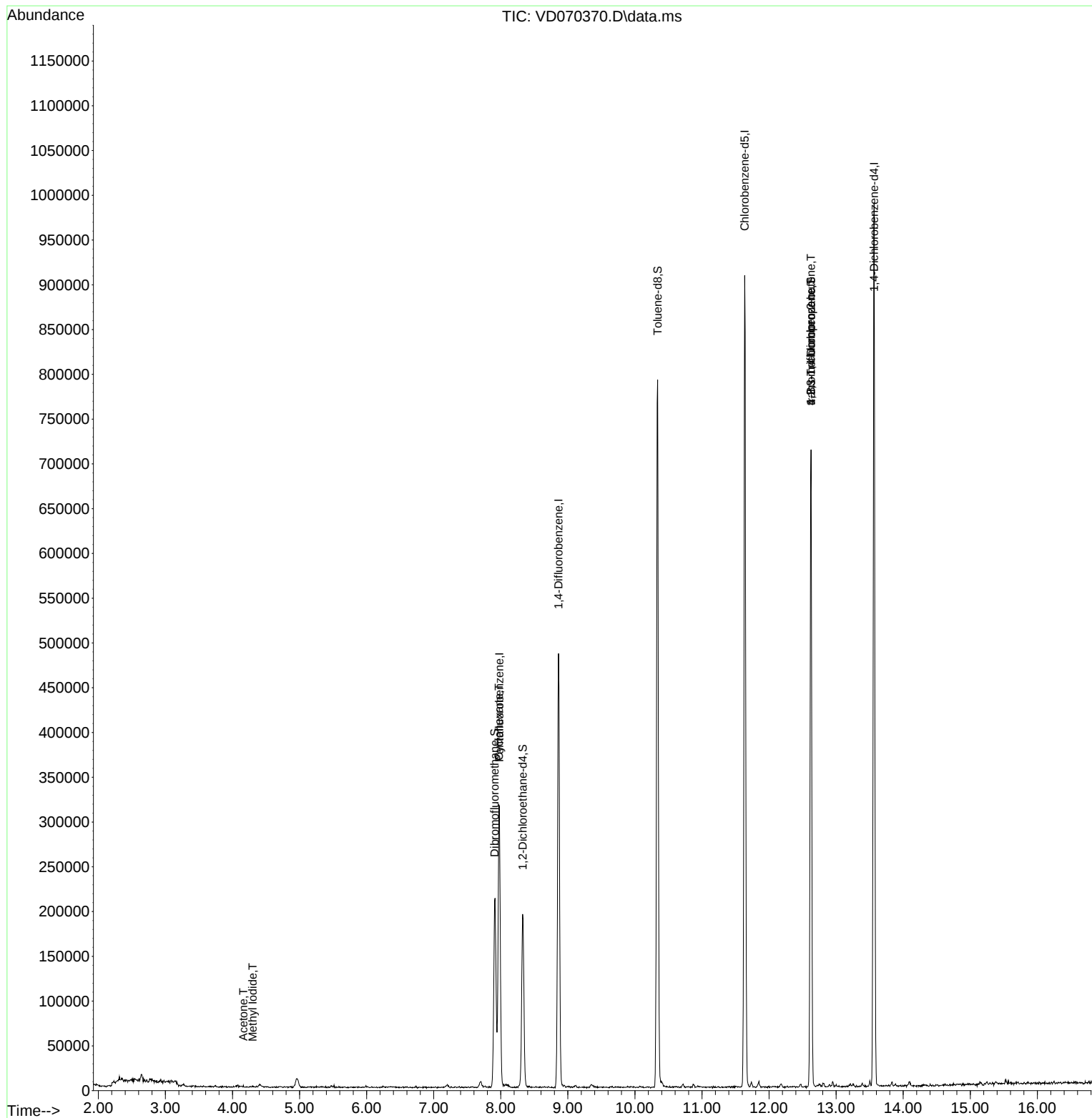
Internal Standards						
1) Pentafluorobenzene	7.979	168	218480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	411127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	537553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152589	54.392	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.780%			
35) Dibromofluoromethane	7.908	113	156558	53.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.000%			
50) Toluene-d8	10.338	98	549618	51.728	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.626	95	251249	67.660	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 135.320%			
Target Compounds						
2) Dichlorodifluoromethane	1.985	85	841	Below Cal	#	8
3) Chloromethane	2.203	50	2054	Below Cal	#	88
5) Bromomethane	2.767	94	2512	Below Cal		91
6) Chloroethane	2.920	64	603	Below Cal	#	23
10) Methyl Iodide	4.303	142	1926	1.727	ug/l #	69
16) Acetone	4.161	43	1152	2.300	ug/l #	36
18) Methyl Acetate	4.720	43	68	Below Cal	#	48
20) Methylene Chloride	4.961	84	7912	Below Cal	#	82
31) Cyclohexane	7.973	56	6715	1.390	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	121069	46.653	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	121069	116.893	ug/l #	17

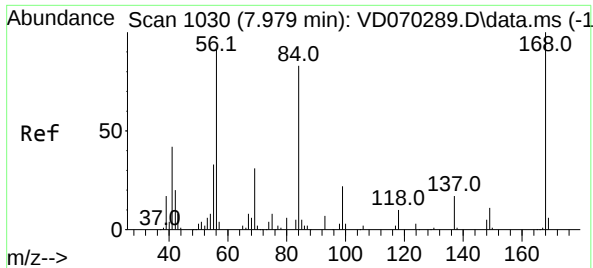
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091521\
Data File : VD070370.D
Acq On : 15 Sep 2021 11:29
Operator : VA/SY
Sample : M3723-01RE
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 16 02:39:33 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

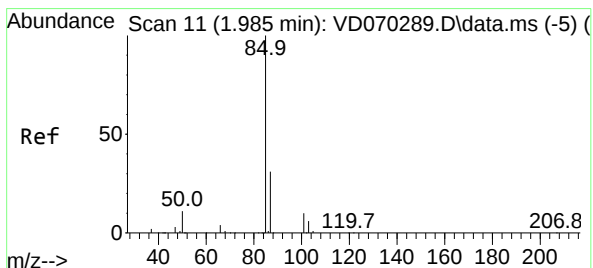
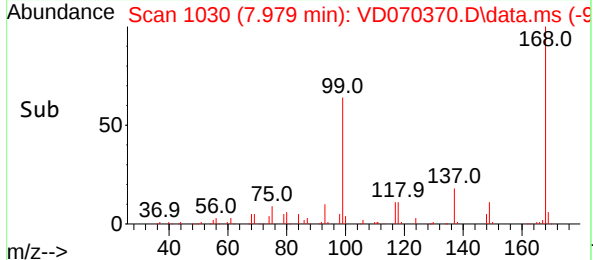
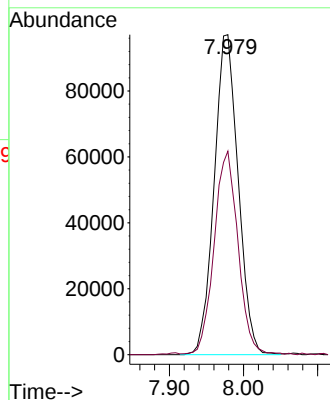
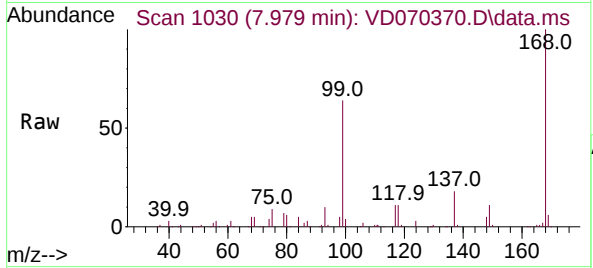




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

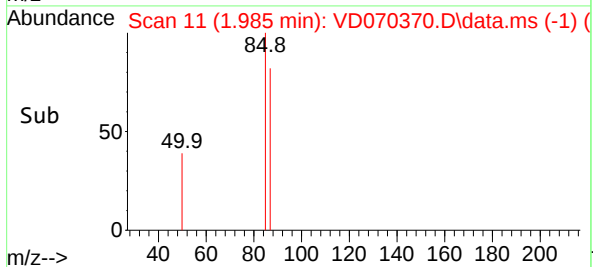
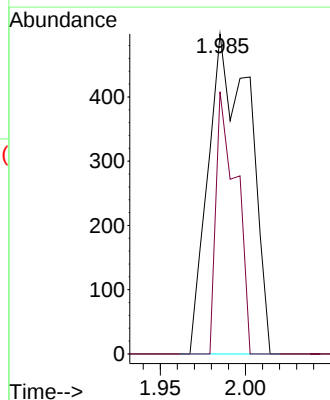
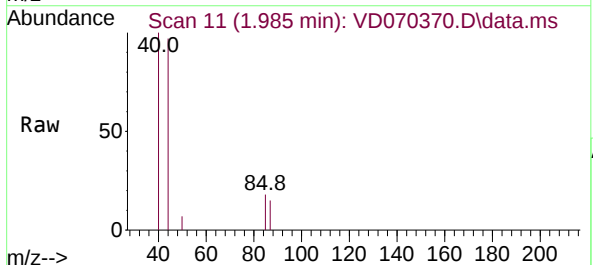
Instrument :
MSVOA_D
ClientSampled :

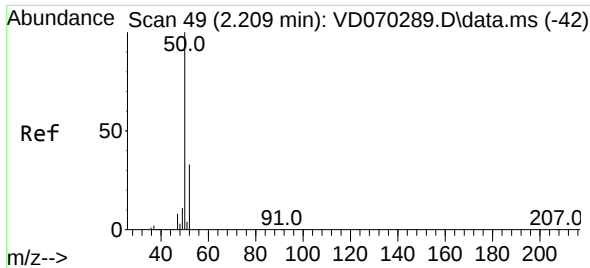
Tgt Ion:168 Resp: 218480
Ion Ratio Lower Upper
168 100
99 63.4 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

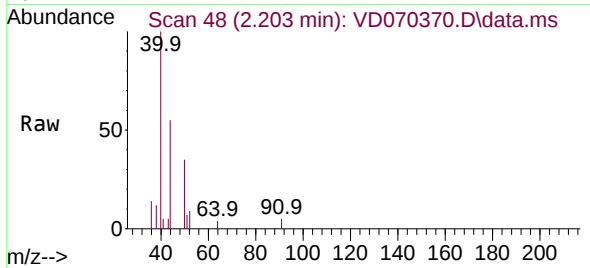
Tgt Ion: 85 Resp: 841
Ion Ratio Lower Upper
85 100
87 81.9 15.6 46.8#



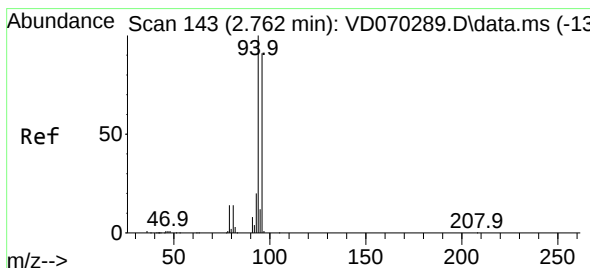
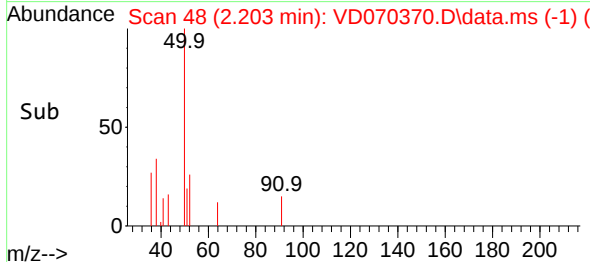
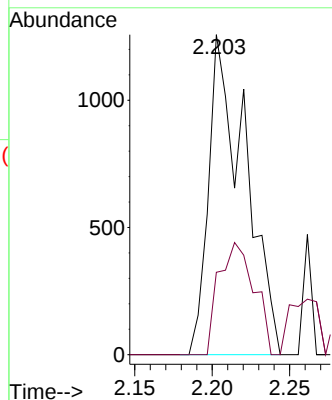


#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Instrument :
MSVOA_D
ClientSampled :

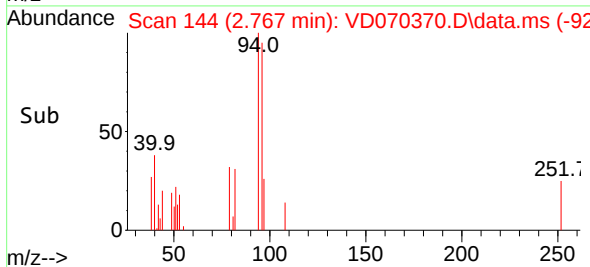
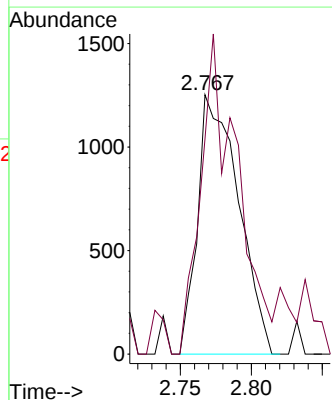
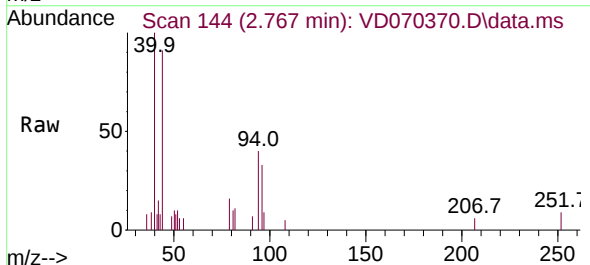


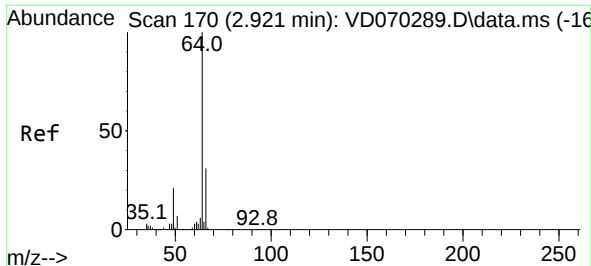
Tgt Ion: 50 Resp: 2054
Ion Ratio Lower Upper
50 100
52 25.8 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion: 94 Resp: 2512
Ion Ratio Lower Upper
94 100
96 83.1 73.0 109.6

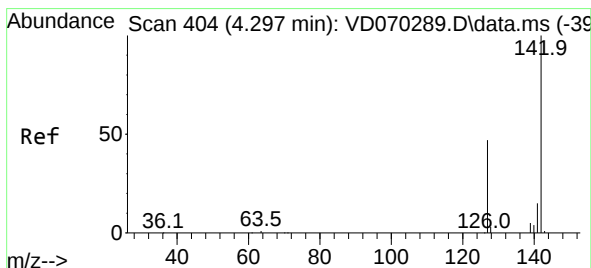
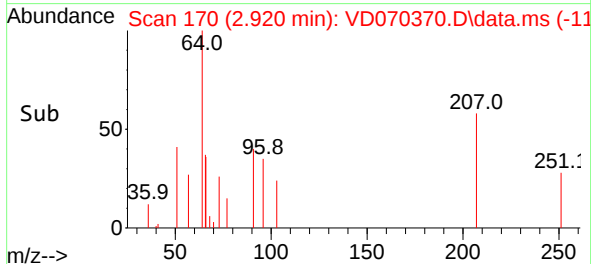
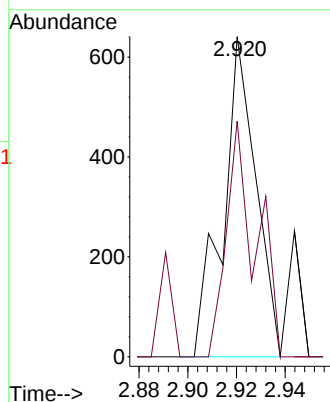
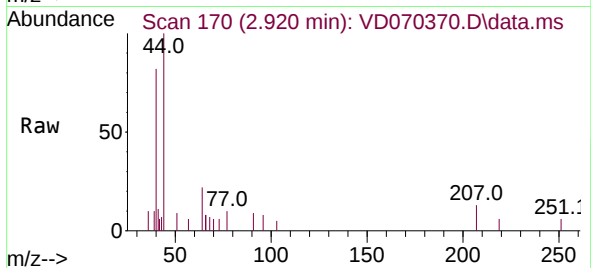




#6
Chloroethane
Concen: Below Cal
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

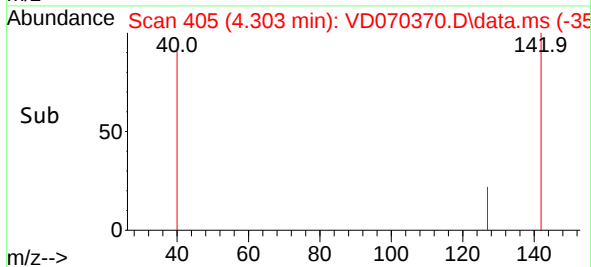
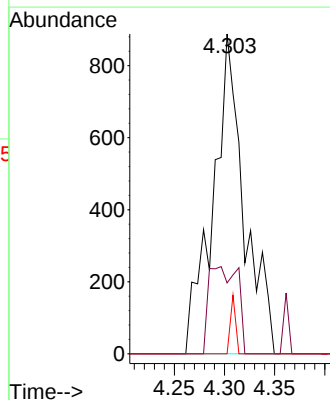
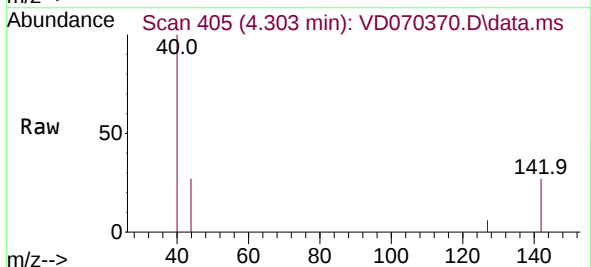
Instrument :
MSVOA_D
ClientSampleId :

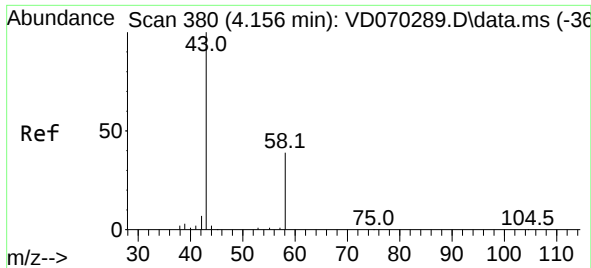
Tgt Ion: 64 Resp: 603
Ion Ratio Lower Upper
64 100
66 73.6 25.0 37.4#



#10
Methyl Iodide
Concen: 1.727 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion:142 Resp: 1926
Ion Ratio Lower Upper
142 100
127 25.1 36.9 55.3#
141 3.0 11.8 17.6#

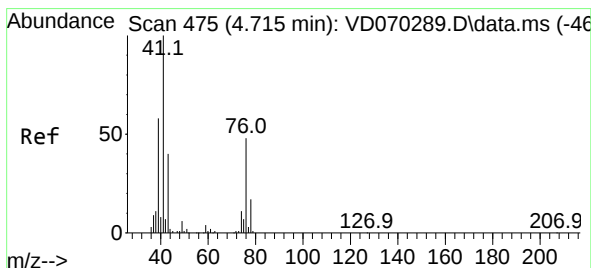
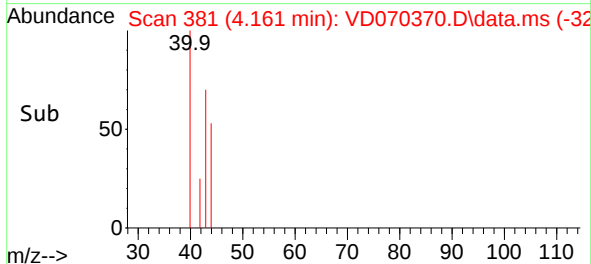
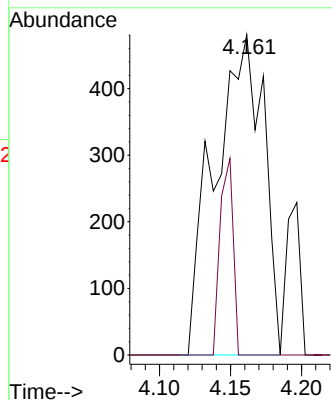
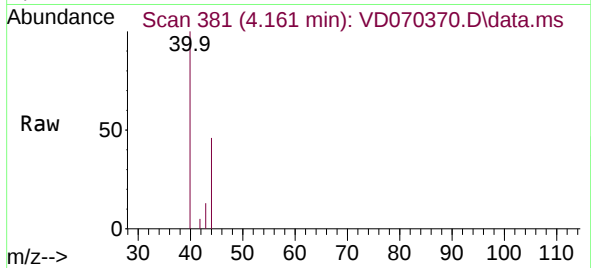




#16
Acetone
Concen: 2.300 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

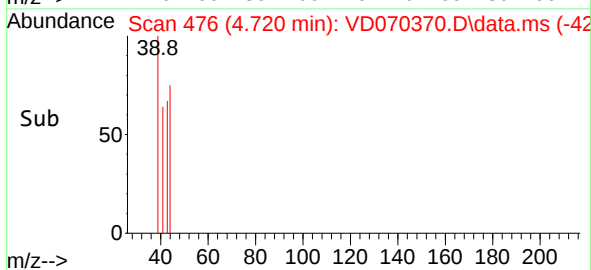
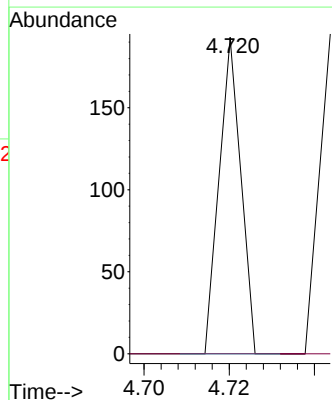
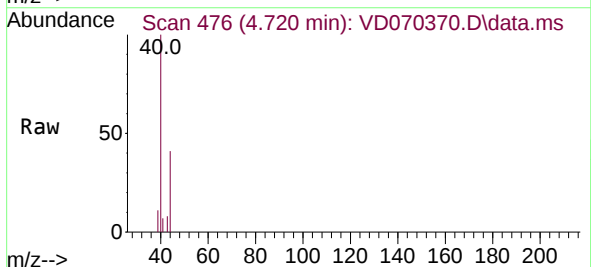
Instrument :
MSVOA_D
ClientSampled :

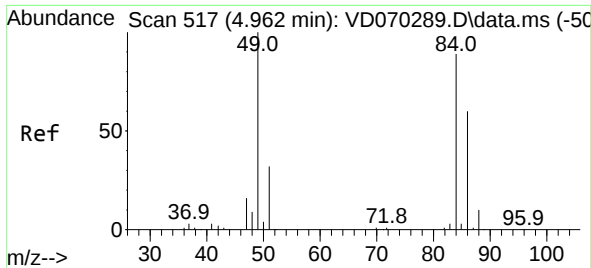
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

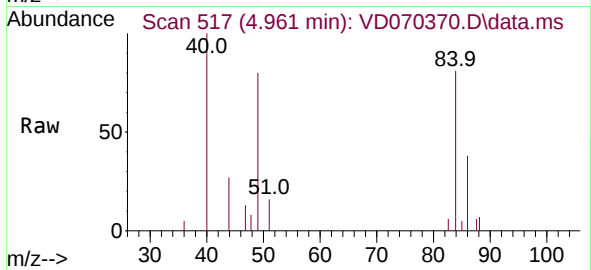
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



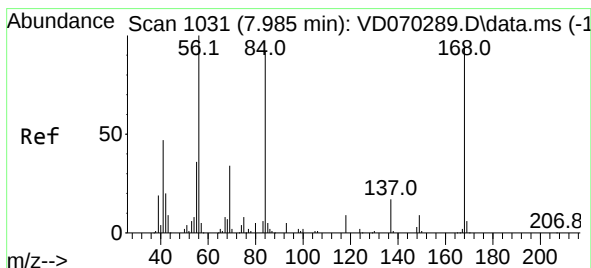
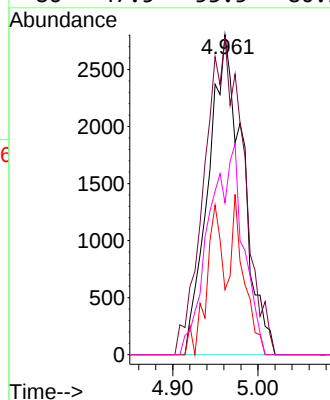
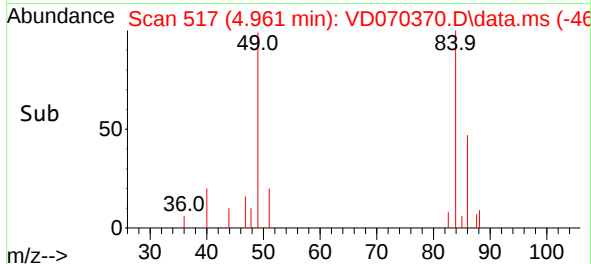


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

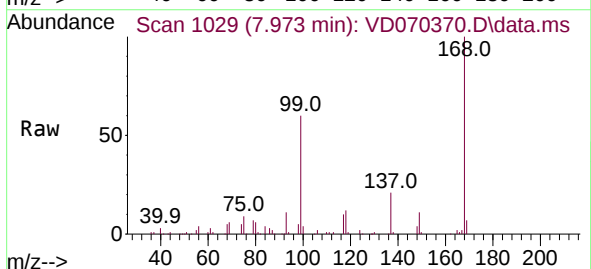
Instrument :
MSVOA_D
ClientSampleId :



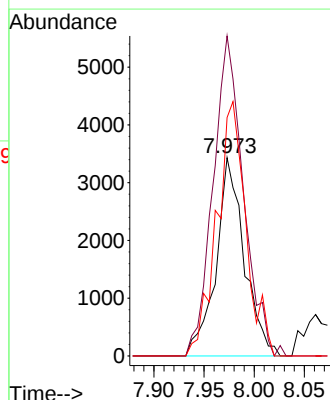
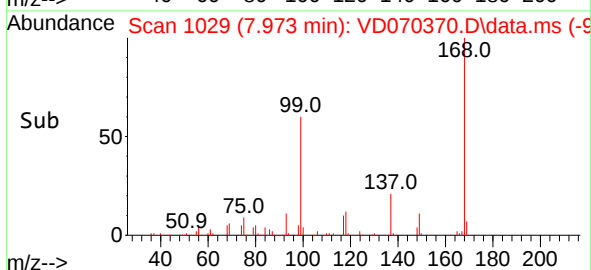
Tgt Ion:	84	Resp:	7912
Ion	Ratio	Lower	Upper
84	100		
49	99.3	89.6	134.4
51	20.3	28.6	43.0#
86	47.5	53.5	80.3#

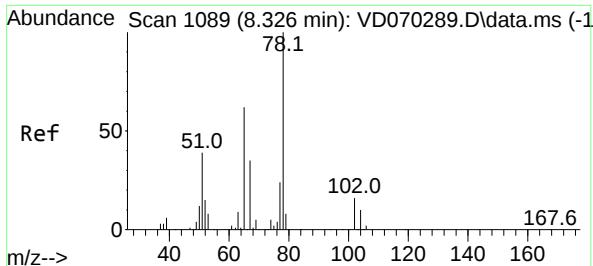


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29



Tgt Ion:	56	Resp:	6715
Ion	Ratio	Lower	Upper
56	100		
69	161.4	26.9	40.3#
84	120.2	73.6	110.4#

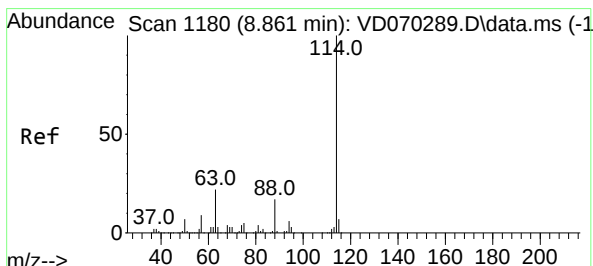
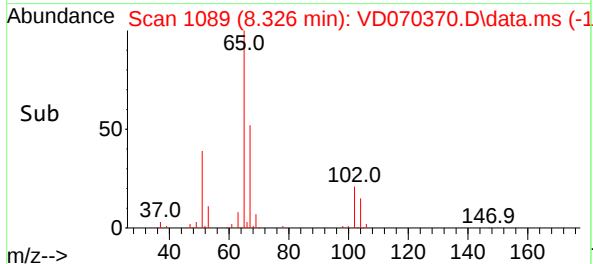
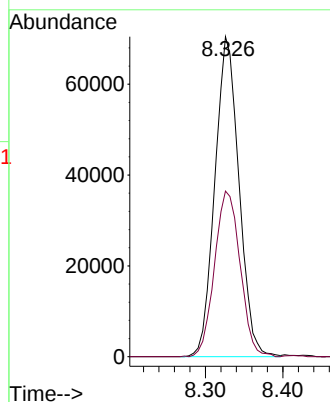
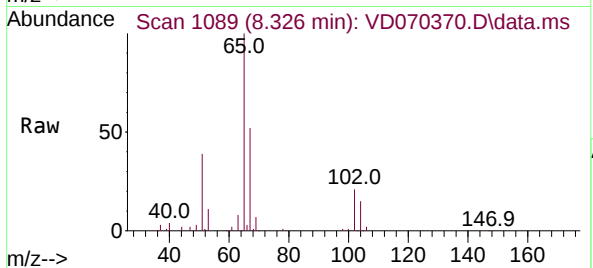




#33
1,2-Dichloroethane-d4
Concen: 54.392 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

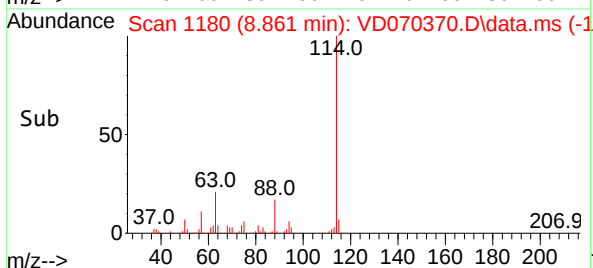
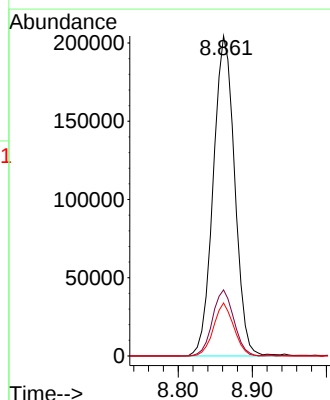
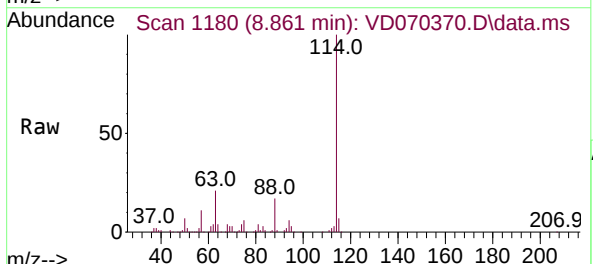
Instrument :
MSVOA_D
ClientSampleId :

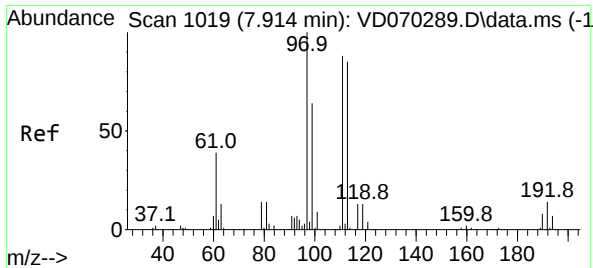
Tgt Ion: 65 Resp: 152589
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion:114 Resp: 411127
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.4
88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.497 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070370.D

Acq: 15 Sep 2021 11:29

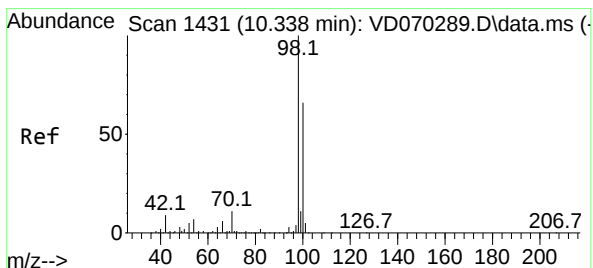
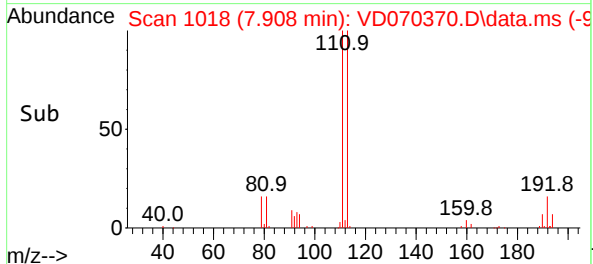
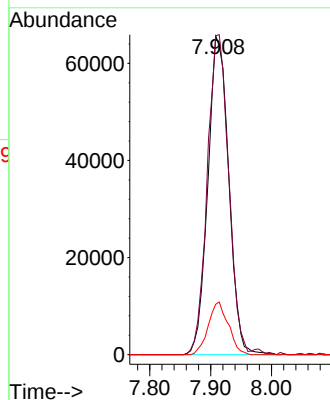
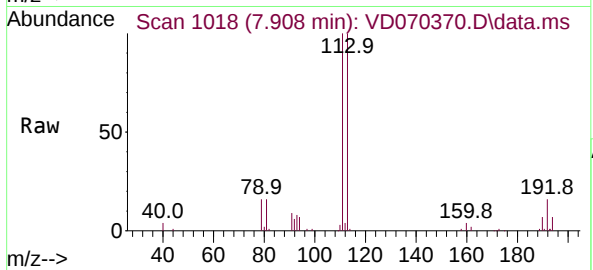
Tgt Ion:113 Resp: 156558

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

192 15.9 13.0 19.6



#50

Toluene-d8

Concen: 51.728 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070370.D

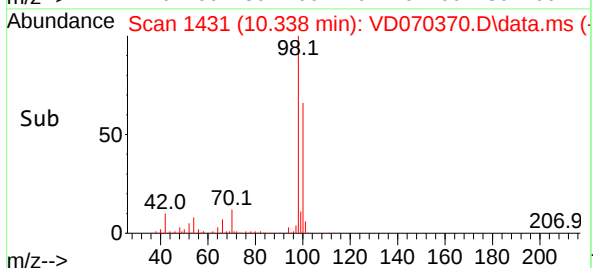
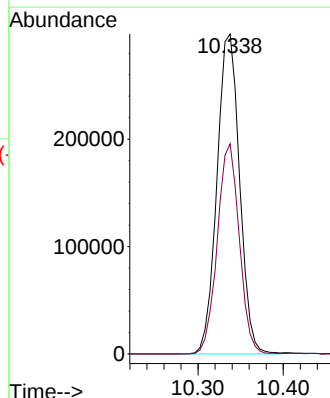
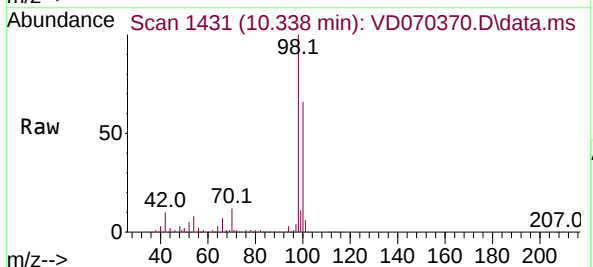
Acq: 15 Sep 2021 11:29

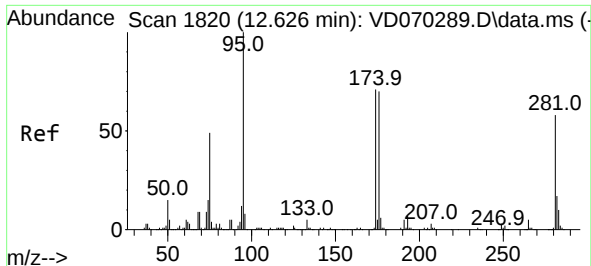
Tgt Ion: 98 Resp: 549618

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

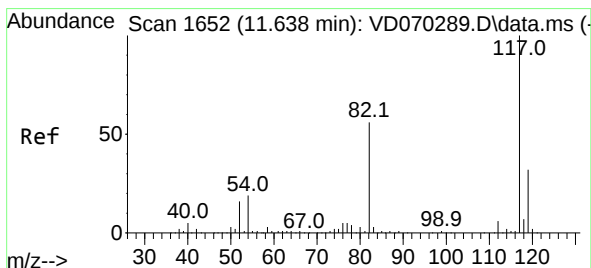
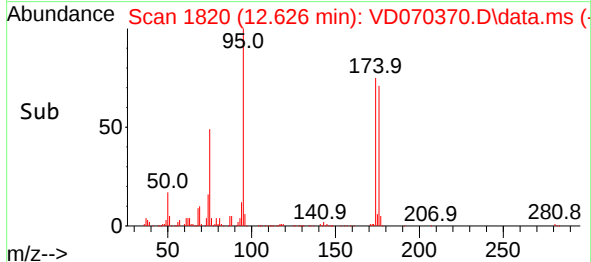
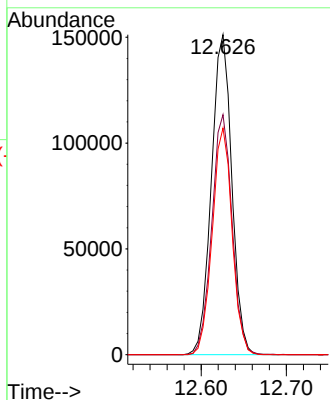
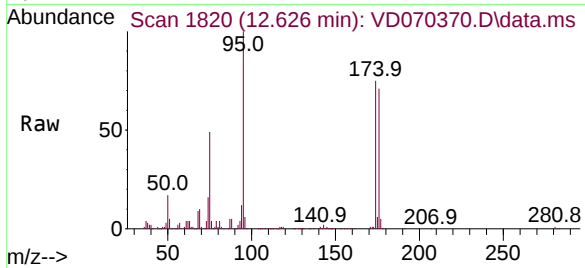




#62
4-Bromofluorobenzene
Concen: 67.660 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

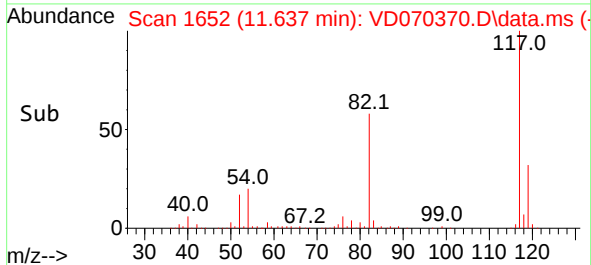
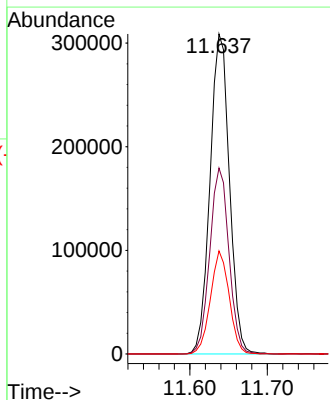
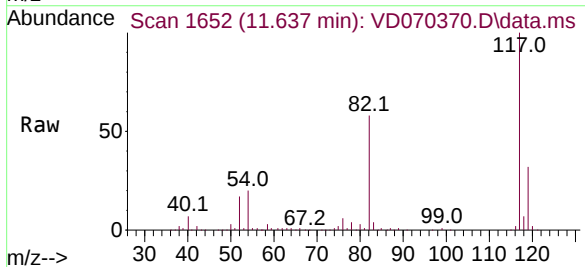
Instrument :
MSVOA_D
ClientSampleId :

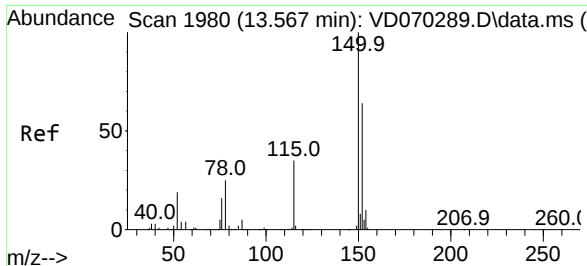
Tgt Ion: 95 Resp: 251249
Ion Ratio Lower Upper
95 100
174 74.7 0.0 140.6
176 68.9 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion: 117 Resp: 537553
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.2 25.2 37.8

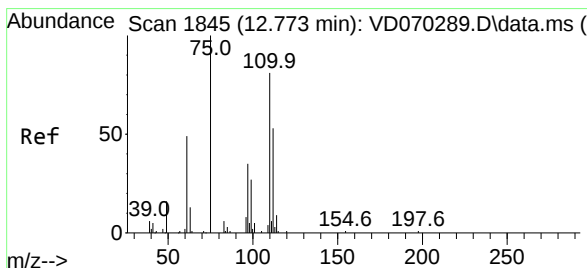
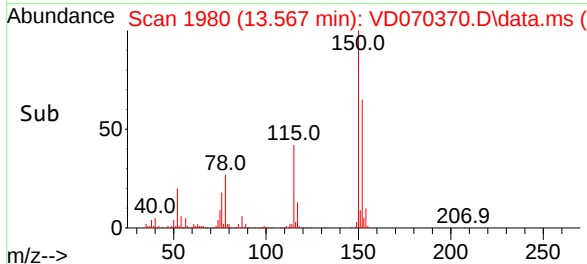
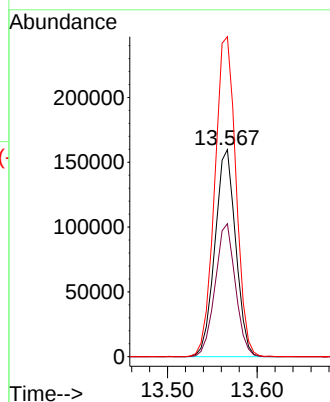
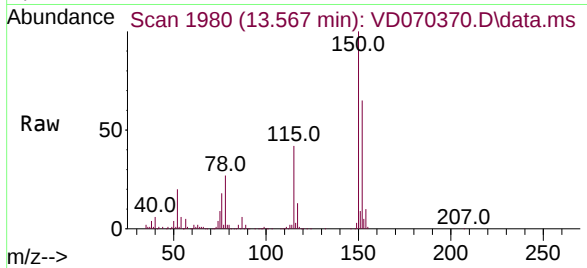




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070370.D
 Acq: 15 Sep 2021 11:29

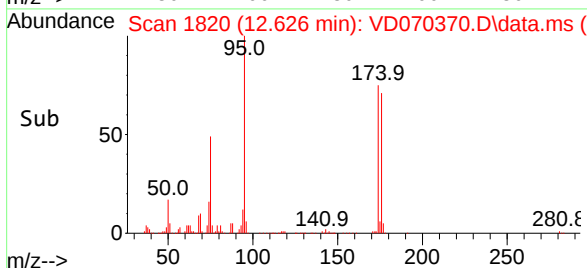
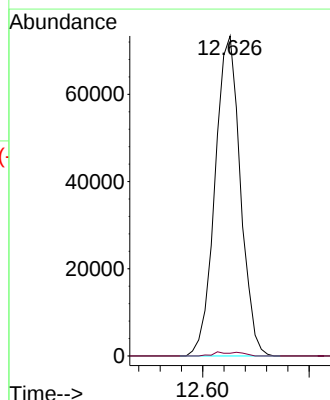
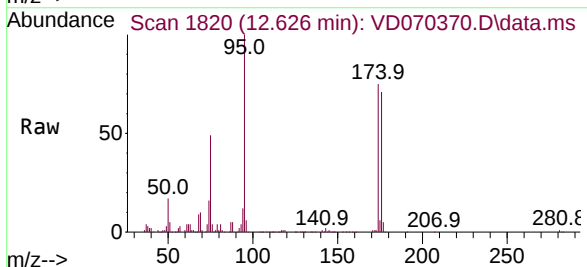
Instrument :
 MSVOA_D
 ClientSampleId :

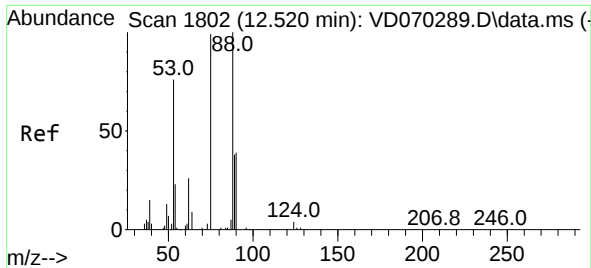
Tgt Ion:152 Resp: 256556
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.1 96.3
 150 158.0 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 46.653 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070370.D
 Acq: 15 Sep 2021 11:29

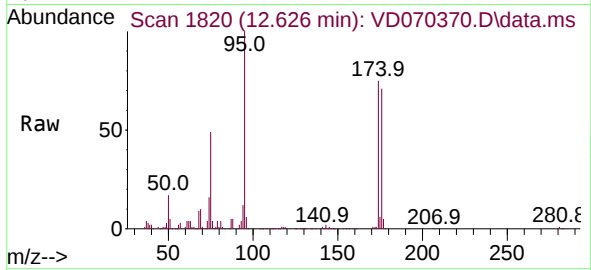
Tgt Ion: 75 Resp: 121069
 Ion Ratio Lower Upper
 75 100
 77 0.8 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.893 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070370.D
 Acq: 15 Sep 2021 11:29

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 121069
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.2 96.2#
 89 0.0 35.6 53.4#

