

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070533.D
 Acq On : 30 Sep 2021 10:57
 Operator : VA/SY
 Sample : VD0930SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 01 02:03:05 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)

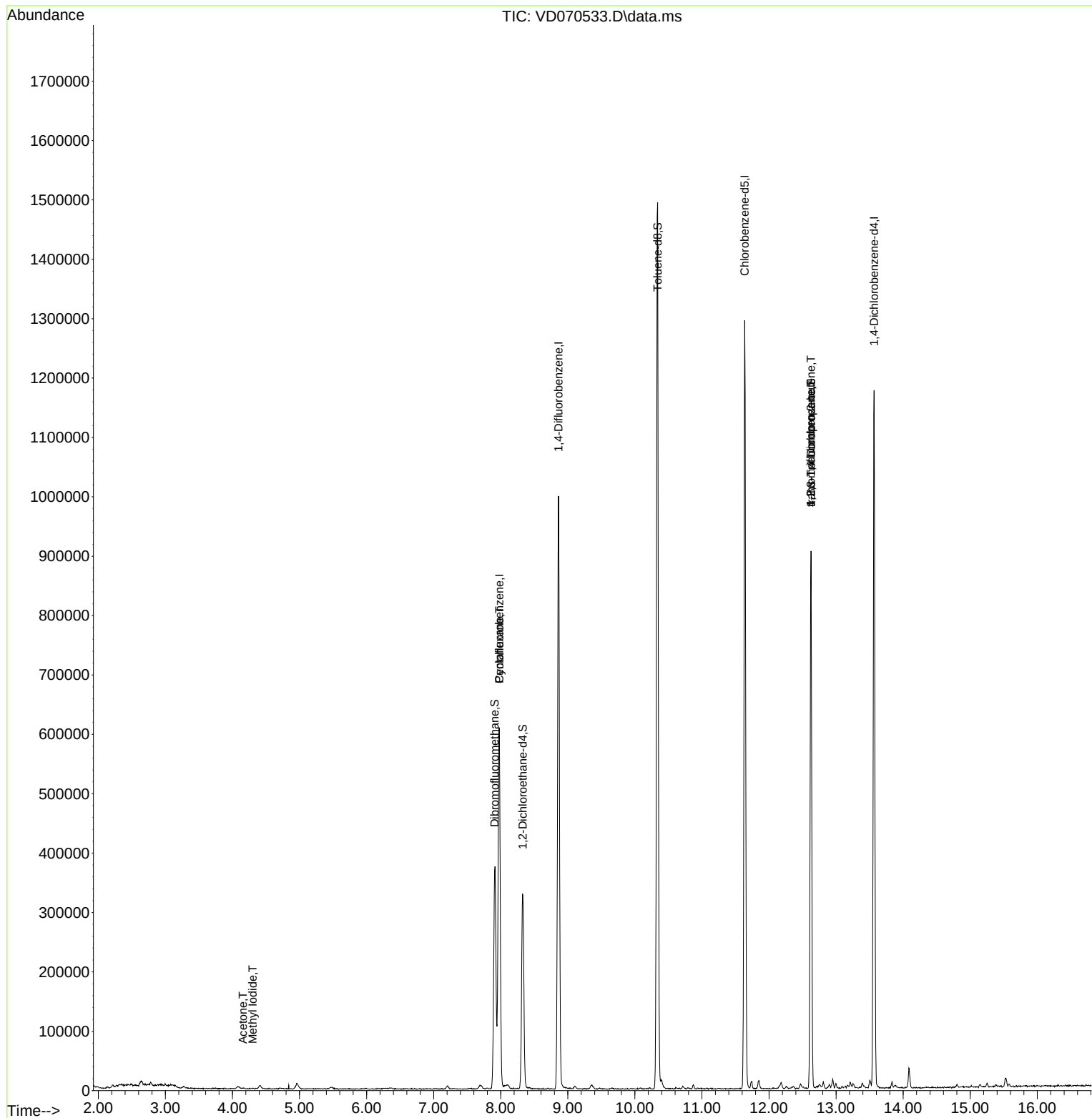
Internal Standards						
1) Pentafluorobenzene	7.979	168	419191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	847343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	764134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	272135	50.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.120%	
35) Dibromofluoromethane	7.908	113	282983	46.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.840%	
50) Toluene-d8	10.338	98	1085760	49.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.626	95	321805	42.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.100%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	1687	Below Cal		83
3) Chloromethane	2.215	50	2344	Below Cal		99
5) Bromomethane	2.785	94	2925	Below Cal		99
6) Chloroethane	2.926	64	1267	Below Cal		92
10) Methyl Iodide	4.303	142	1545	1.321 ug/l	#	88
16) Acetone	4.156	43	2299	2.392 ug/l	#	79
18) Methyl Acetate	4.732	43	54	Below Cal	#	48
20) Methylene Chloride	4.967	84	7242	Below Cal	#	87
31) Cyclohexane	7.979	56	11805	1.273 ug/l	#	3
76) 1,2,3-Trichloropropane	12.626	75	155823	48.794 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	155823	122.258 ug/l	#	17

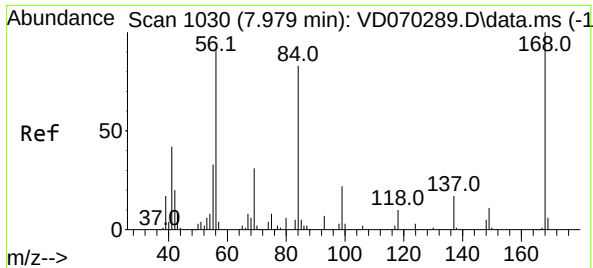
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
Data File : VD070533.D
Acq On : 30 Sep 2021 10:57
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 01 02:03:05 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

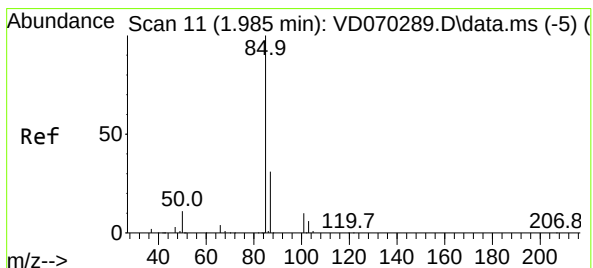
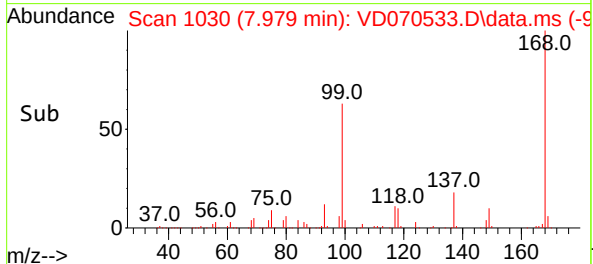
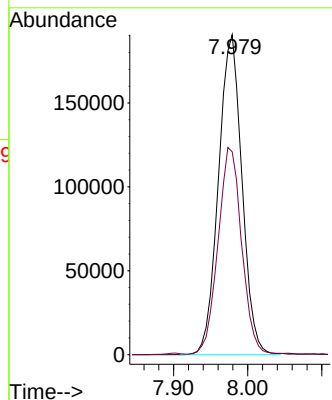
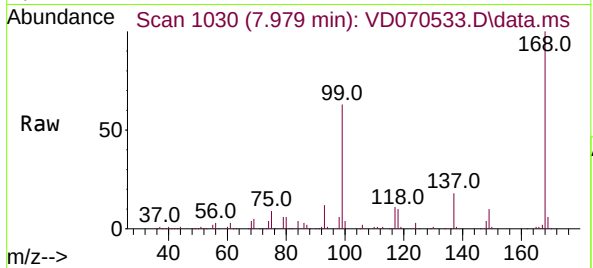




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

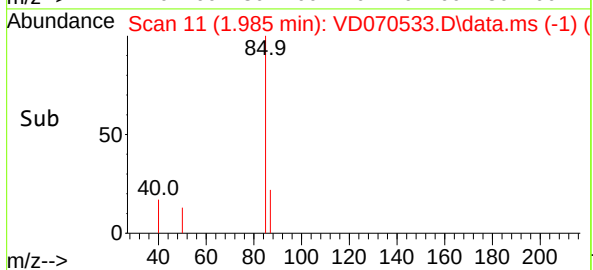
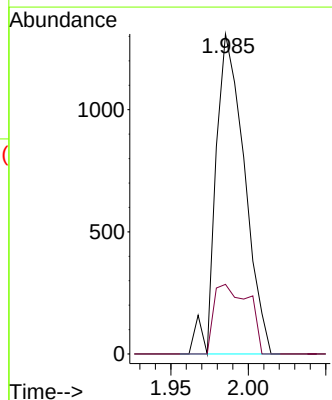
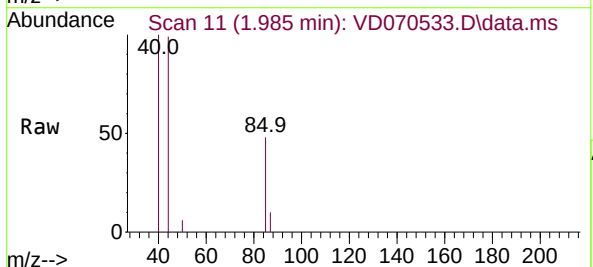
Instrument :
MSVOA_D
ClientSampled :

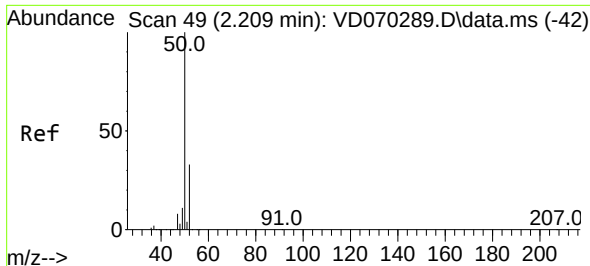
Tgt Ion:168 Resp: 419191
Ion Ratio Lower Upper
168 100
99 63.1 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

Tgt Ion: 85 Resp: 1687
Ion Ratio Lower Upper
85 100
87 21.8 15.6 46.8

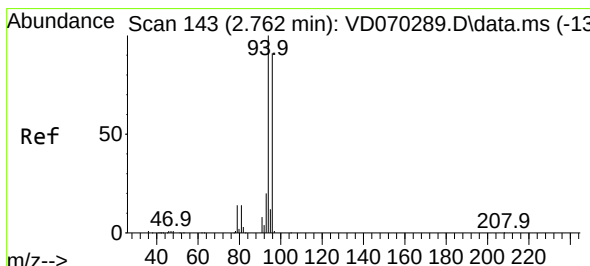
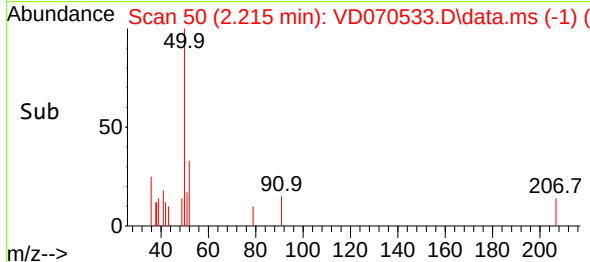
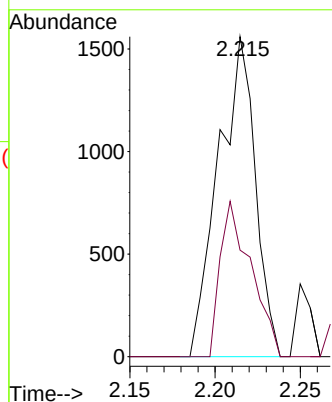
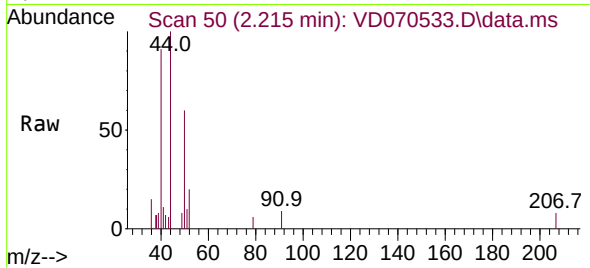




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

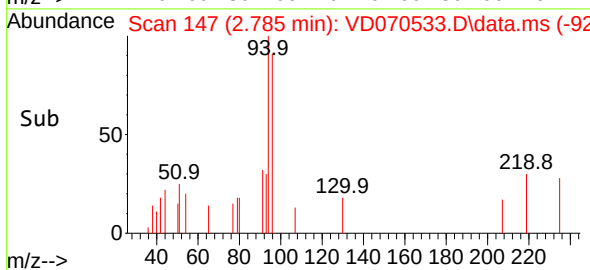
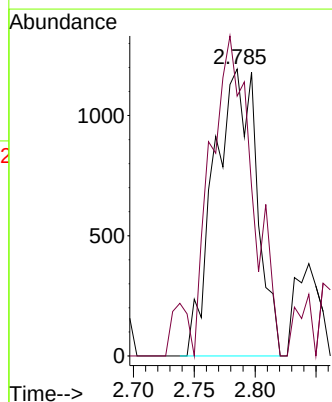
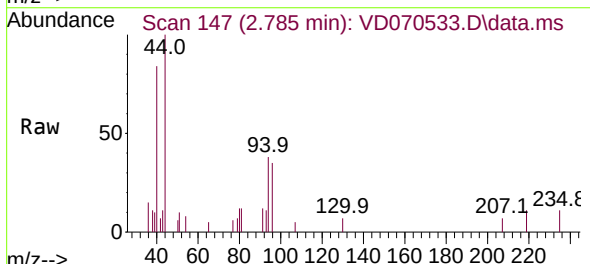
Instrument :
MSVOA_D
ClientSampled :

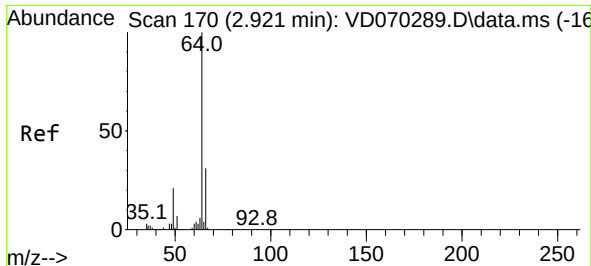
Tgt Ion: 50 Resp: 2344
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

Tgt Ion: 94 Resp: 2925
Ion Ratio Lower Upper
94 100
96 90.6 73.0 109.6

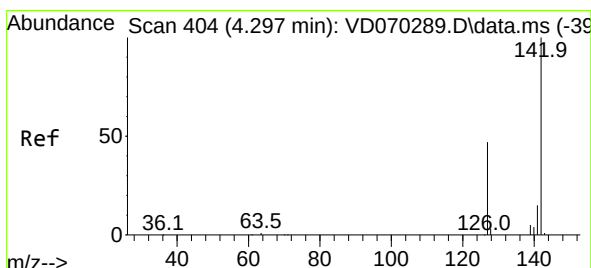
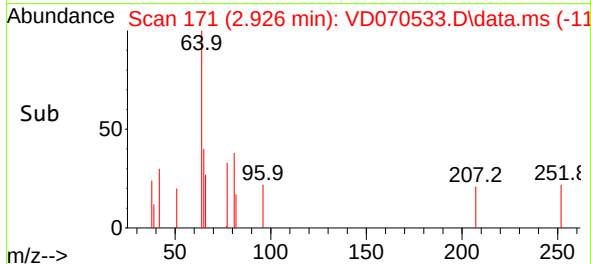
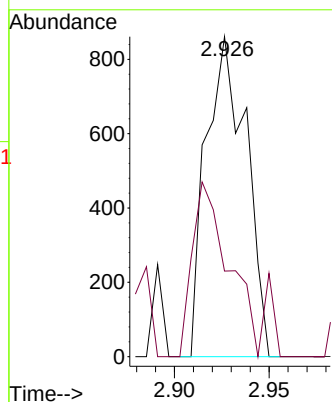
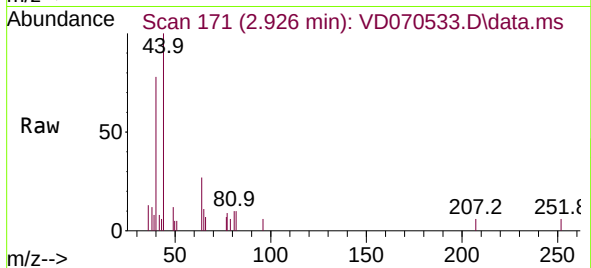




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

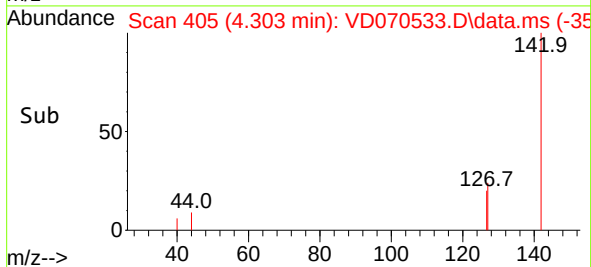
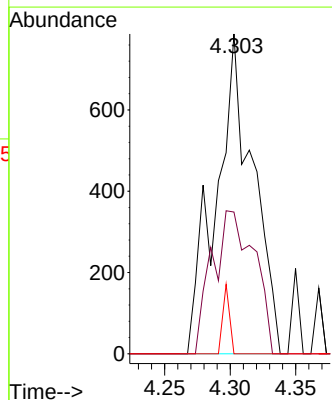
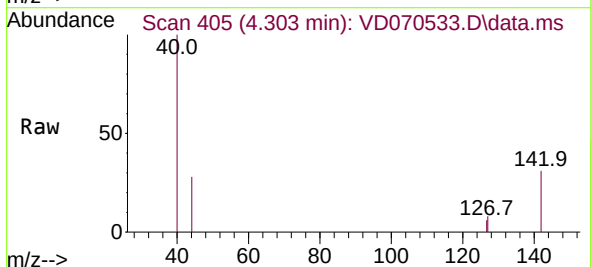
Instrument :
MSVOA_D
ClientSampled :

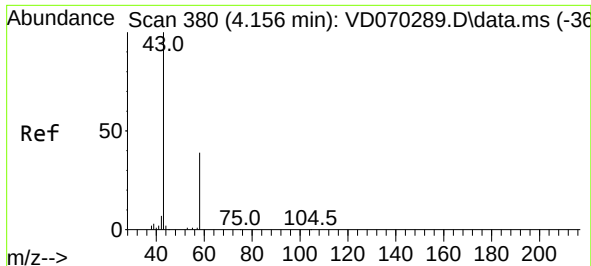
Tgt Ion: 64 Resp: 1267
Ion Ratio Lower Upper
64 100
66 26.7 25.0 37.4



#10
Methyl Iodide
Concen: 1.321 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

Tgt Ion: 142 Resp: 1545
Ion Ratio Lower Upper
142 100
127 50.9 36.9 55.3
141 3.9 11.8 17.6#

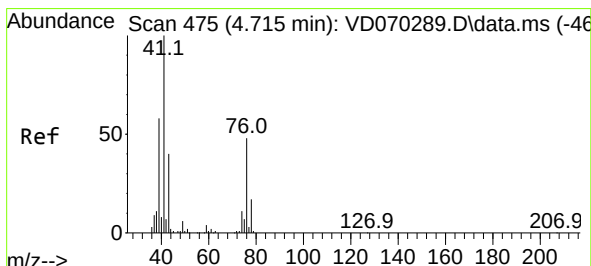
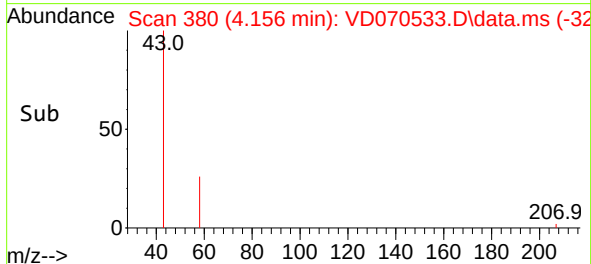
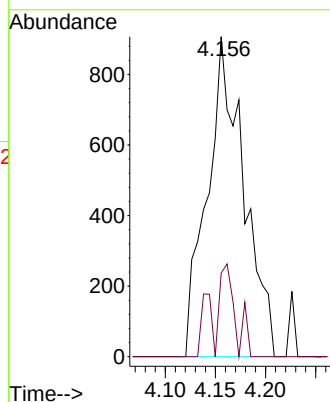
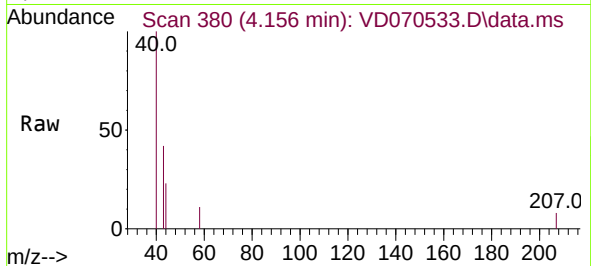




#16
Acetone
Concen: 2.392 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

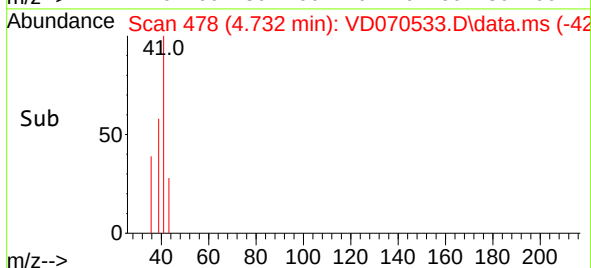
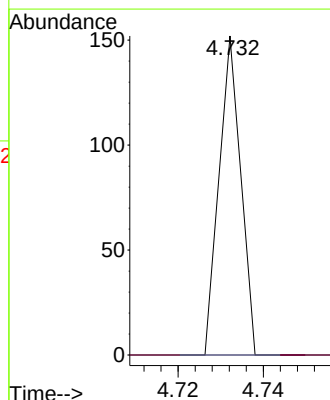
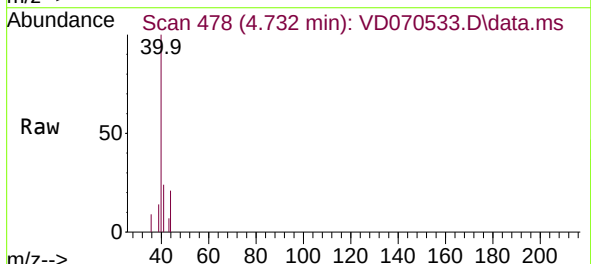
Instrument :
MSVOA_D
ClientSampled :

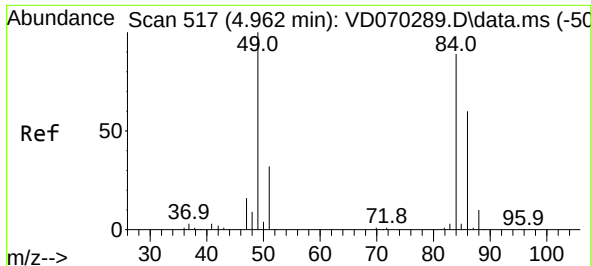
Tgt Ion: 43 Resp: 2299
Ion Ratio Lower Upper
43 100
58 26.1 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

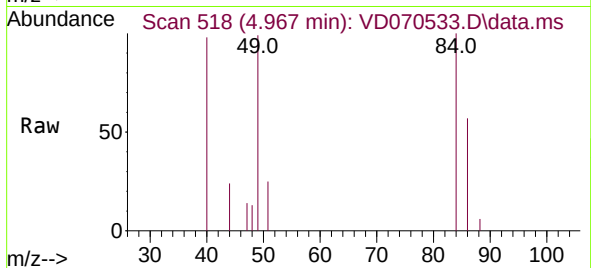
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



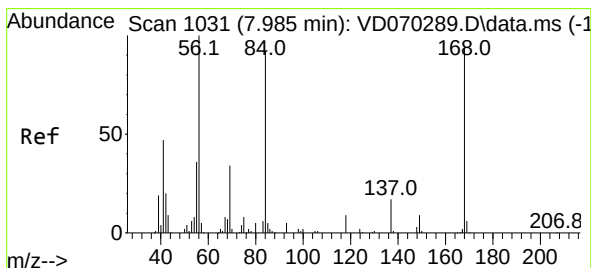
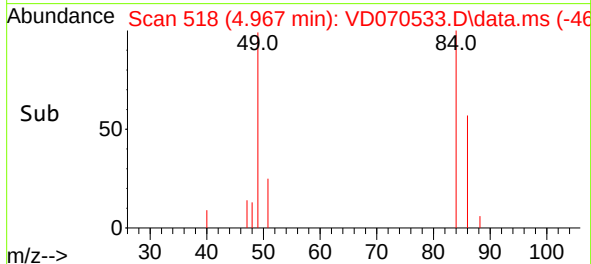
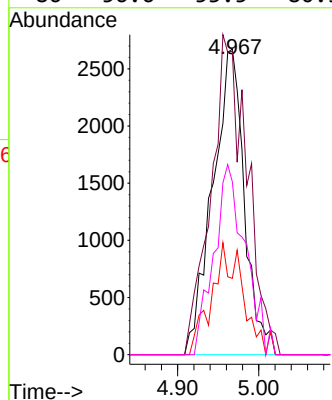


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

Instrument :
MSVOA_D
ClientSampled :

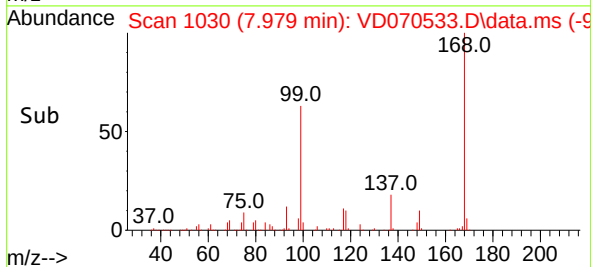
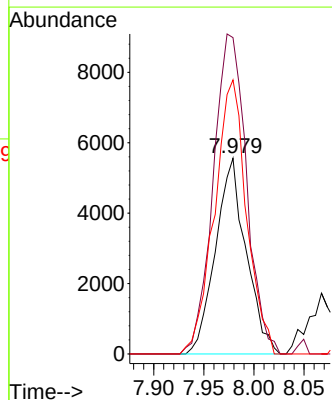
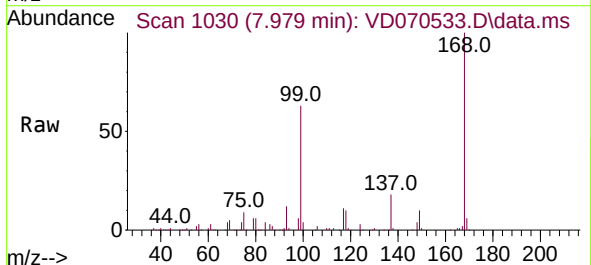


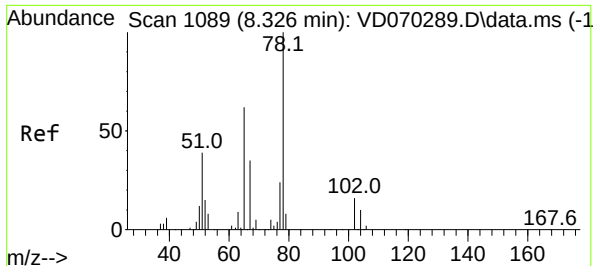
Tgt Ion:	84	Resp:	7242
Ion	Ratio	Lower	Upper
84	100		
49	99.3	89.6	134.4
51	25.0	28.6	43.0#
86	56.6	53.5	80.3



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

Tgt Ion:	56	Resp:	11805
Ion	Ratio	Lower	Upper
56	100		
69	161.6	26.9	40.3#
84	140.1	73.6	110.4#

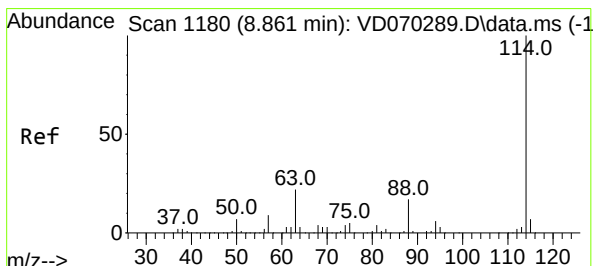
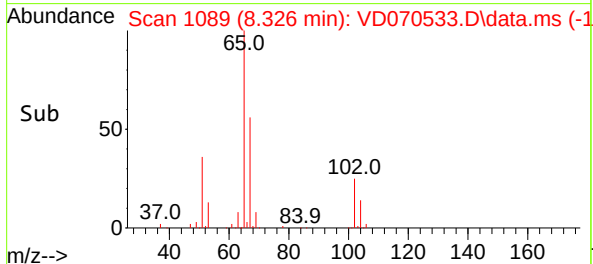
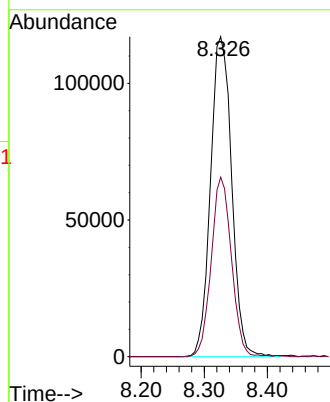
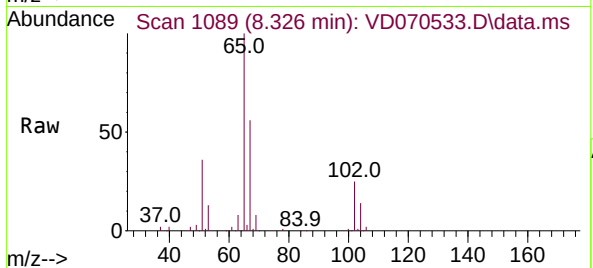




#33
1,2-Dichloroethane-d4
Concen: 50.559 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

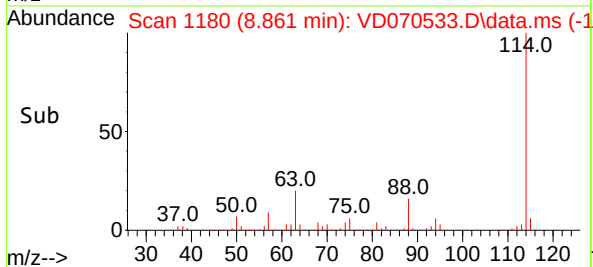
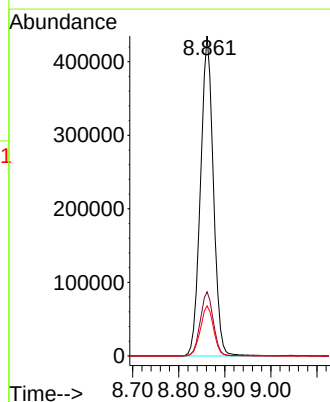
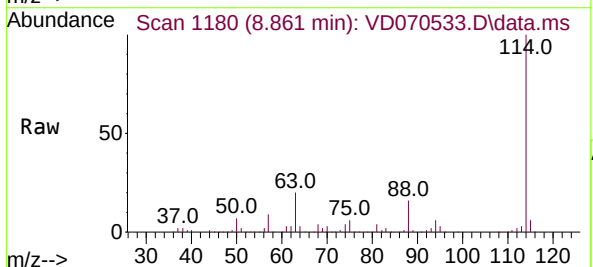
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MSVOA_D
ClientSampleId :

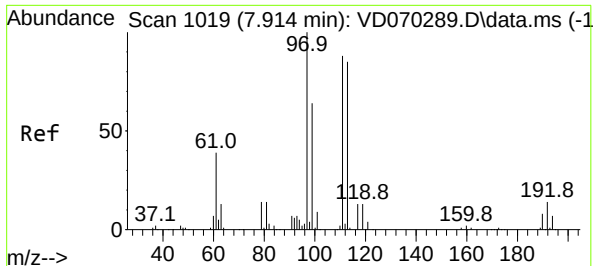
Tgt Ion: 65 Resp: 272135
Ion Ratio Lower Upper
65 100
67 53.6 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

Tgt Ion:114 Resp: 847343
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.4
88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.918 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070533.D

Acq: 30 Sep 2021 10:57

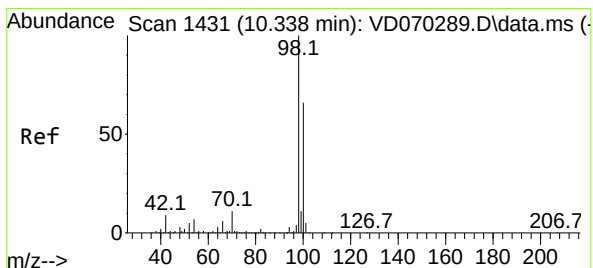
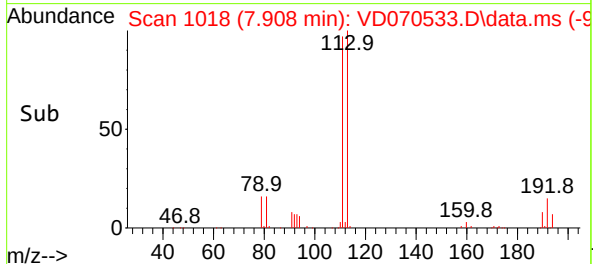
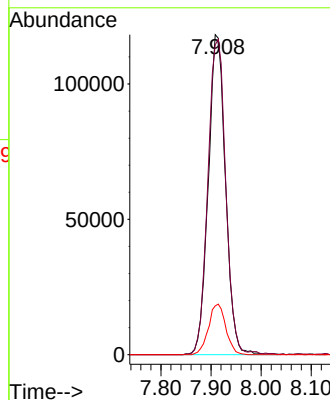
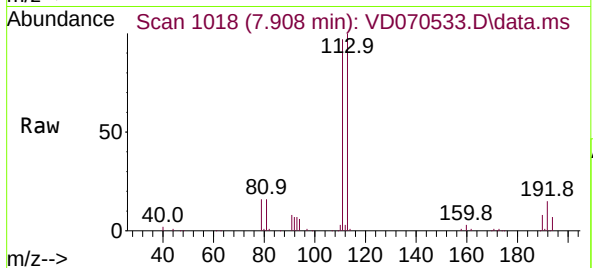
Tgt Ion:113 Resp: 282983

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

192 15.8 13.0 19.6



#50

Toluene-d8

Concen: 49.581 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070533.D

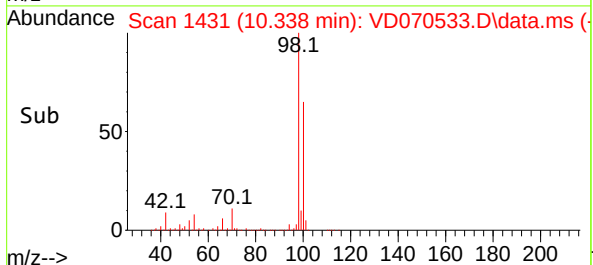
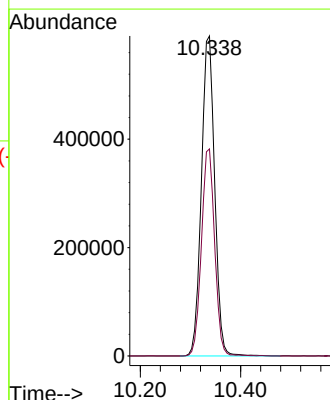
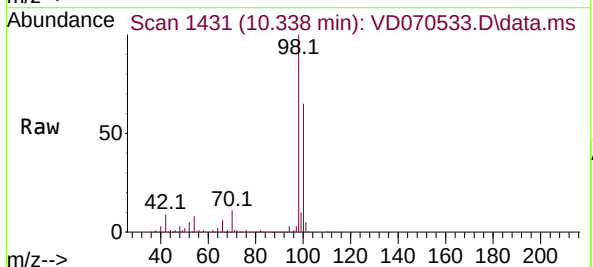
Acq: 30 Sep 2021 10:57

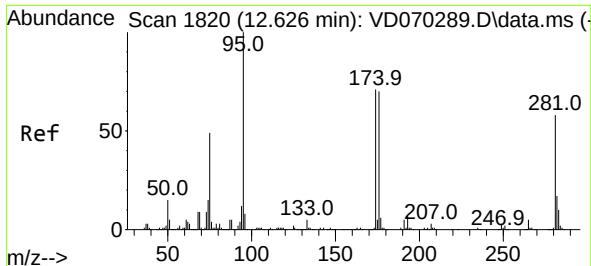
Tgt Ion: 98 Resp: 1085760

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

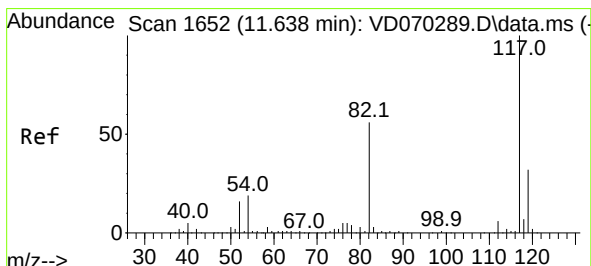
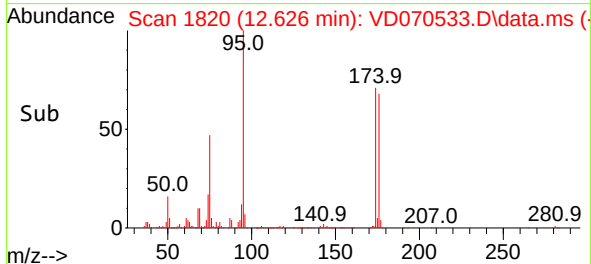
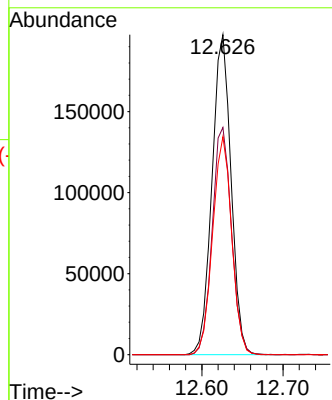
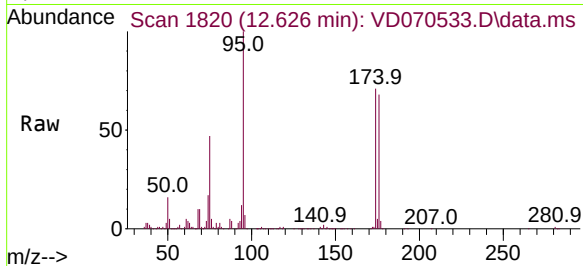




#62
4-Bromofluorobenzene
Concen: 42.047 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

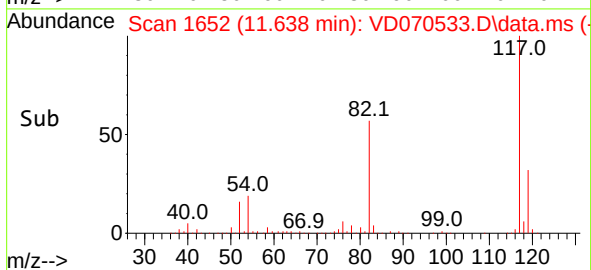
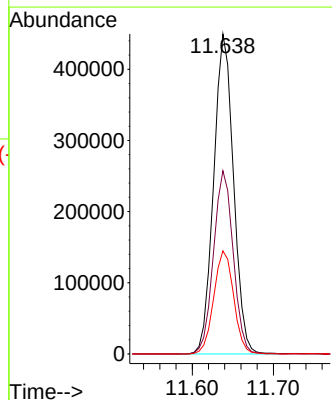
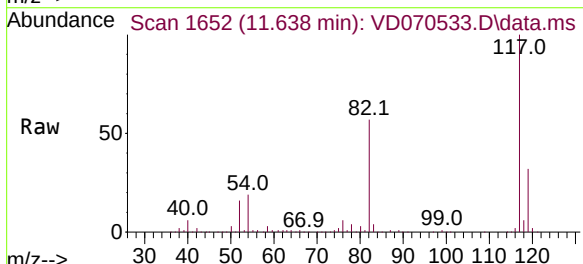
Instrument :
MSVOA_D
ClientSampleId :

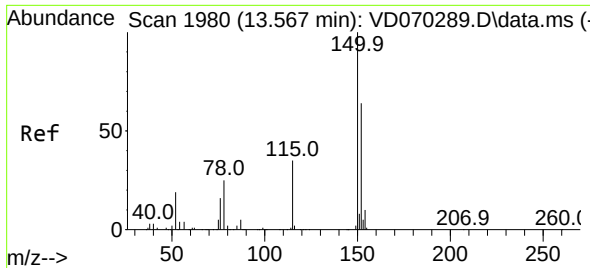
Tgt Ion: 95 Resp: 321805
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.6
176 68.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070533.D
Acq: 30 Sep 2021 10:57

Tgt Ion: 117 Resp: 764134
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 32.2 25.2 37.8

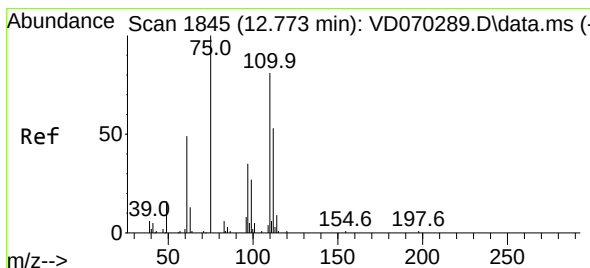
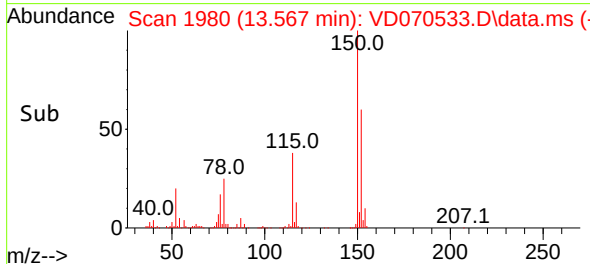
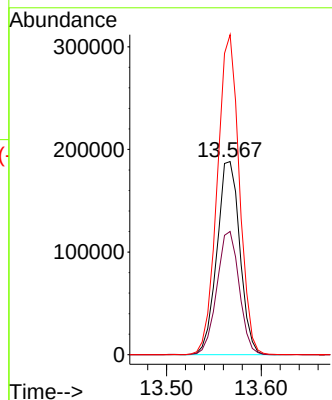
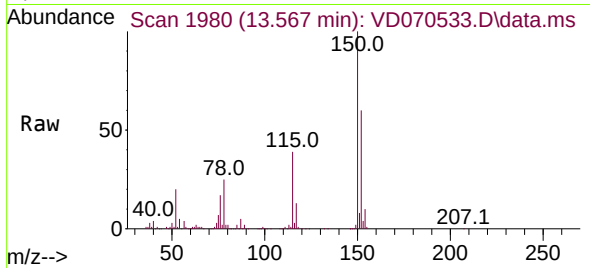




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070533.D
 Acq: 30 Sep 2021 10:57

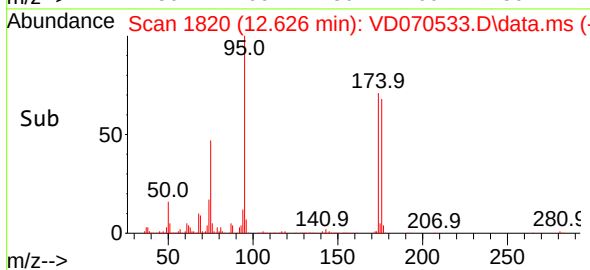
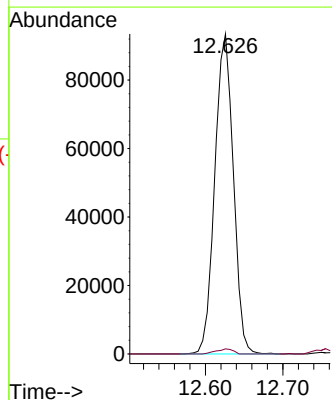
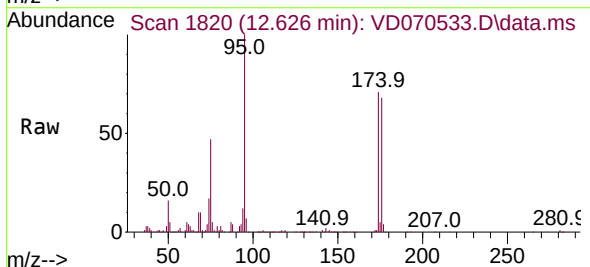
Instrument :
 MSVOA_D
 ClientSampled :

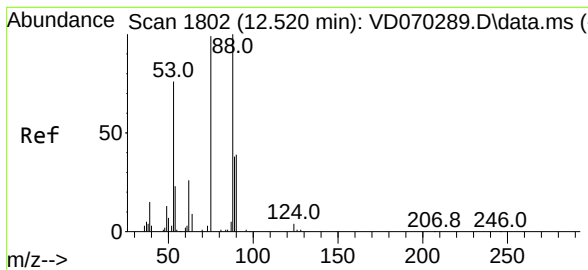
Tgt Ion:152 Resp: 315714
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.1 96.3
 150 159.5 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 48.794 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070533.D
 Acq: 30 Sep 2021 10:57

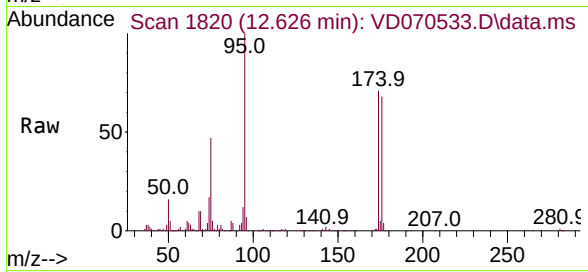
Tgt Ion: 75 Resp: 155823
 Ion Ratio Lower Upper
 75 100
 77 1.4 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.258 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070533.D
 Acq: 30 Sep 2021 10:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 155823
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.2 96.2#
 89 0.0 35.6 53.4#

