

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070479.D
 Acq On : 27 Sep 2021 15:55
 Operator : VA/SY
 Sample : M3943-01
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-DB-1

Quant Time: Sep 28 04:14:27 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)

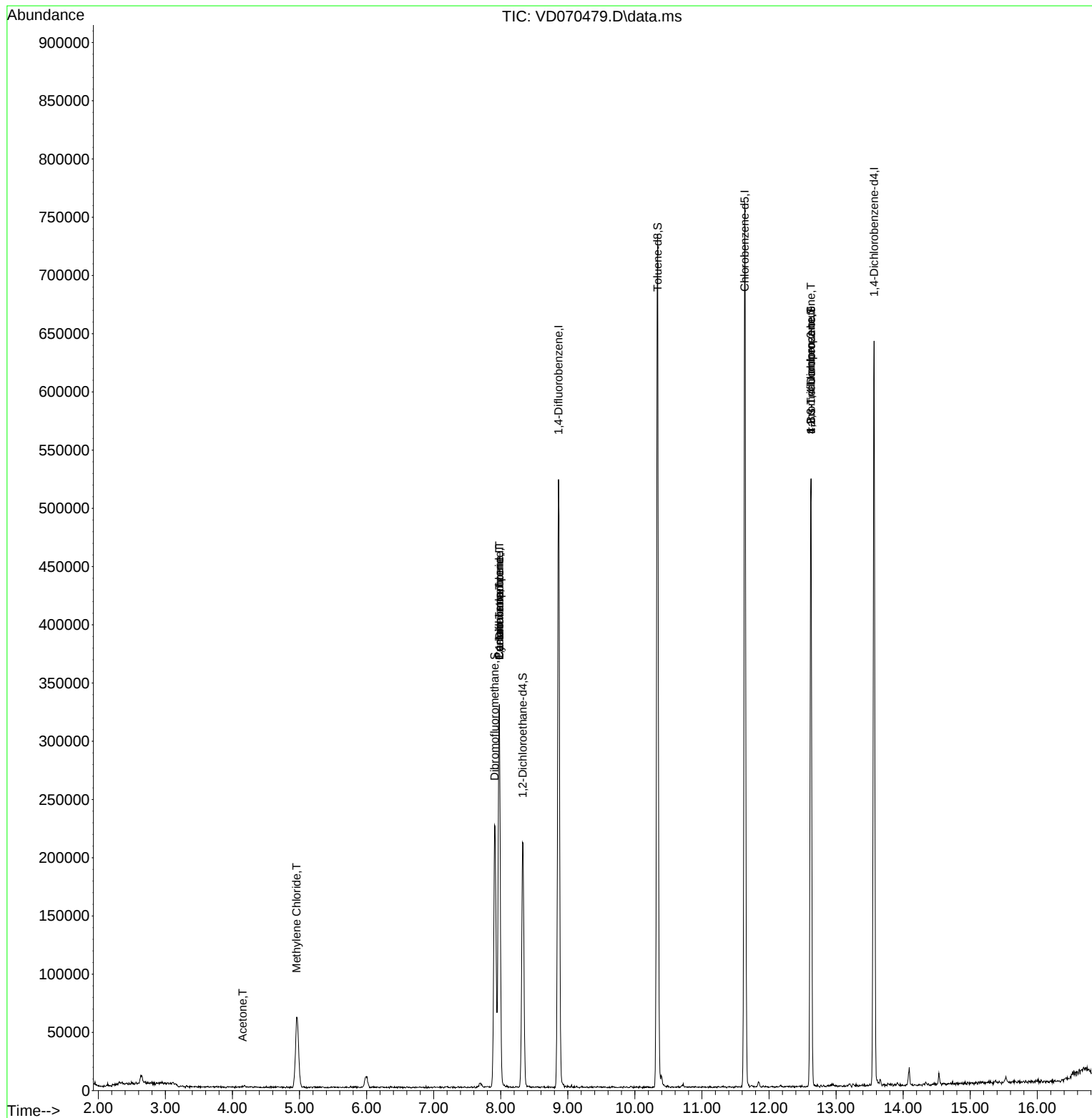
Internal Standards						
1) Pentafluorobenzene	7.979	168	231999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	455009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	445373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	175408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173304	58.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.360%	
35) Dibromofluoromethane	7.908	113	169630	52.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.338	98	510055	43.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.740%	
62) 4-Bromofluorobenzene	12.626	95	155729	37.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	177	Below Cal	#	43
3) Chloromethane	2.209	50	386	Below Cal	#	76
5) Bromomethane	2.779	94	659	Below Cal	#	63
6) Chloroethane	2.932	64	59	Below Cal	#	43
16) Acetone	4.150	43	961	1.807	ug/l #	83
20) Methylene Chloride	4.956	84	52027	9.868	ug/l	98
31) Cyclohexane	7.979	56	5141	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	20508	4.217	ug/l #	50
38) Carbon Tetrachloride	7.979	117	26035	5.413	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	74644	42.070	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	74644	105.411	ug/l #	18

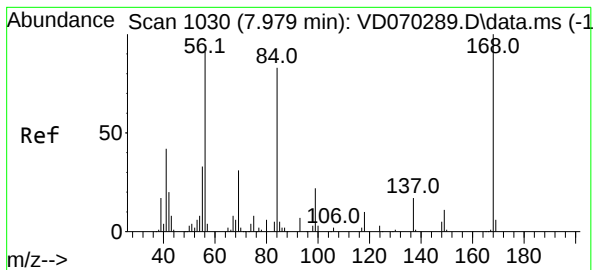
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-DB-1

Quant Time: Sep 28 04:14:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
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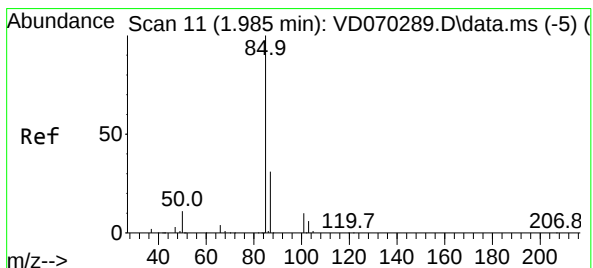
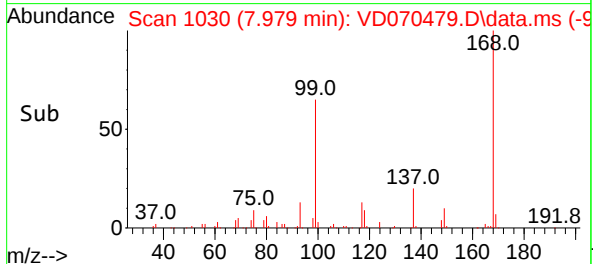
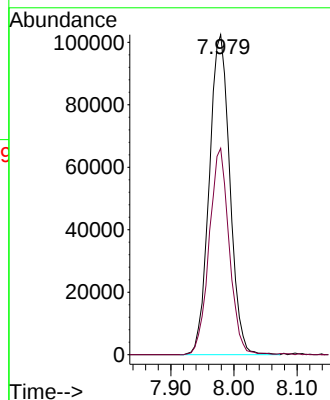
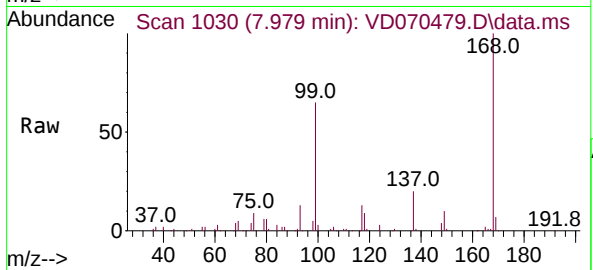




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

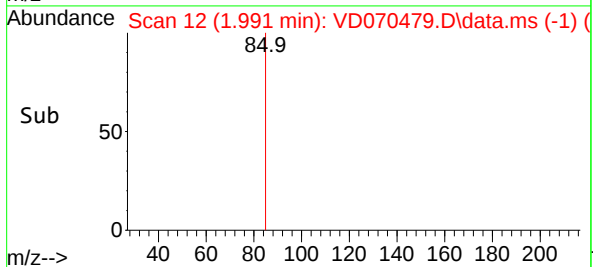
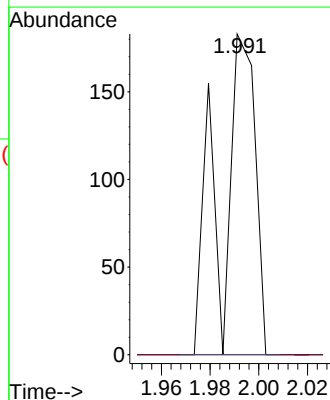
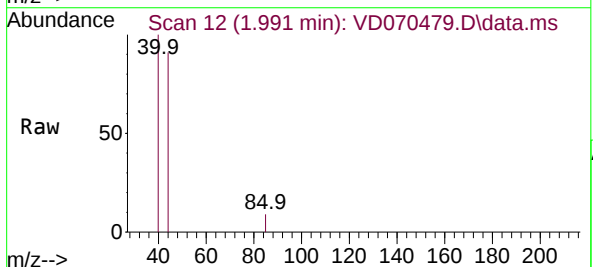
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

Tgt Ion:168 Resp: 231999
Ion Ratio Lower Upper
168 100
99 64.5 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 85 Resp: 177
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

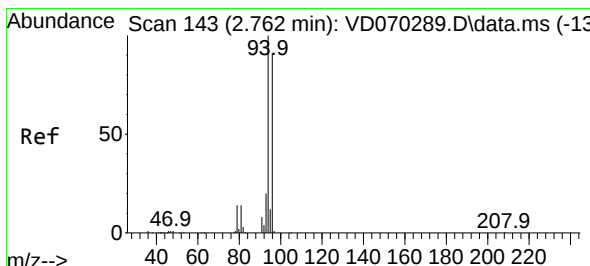
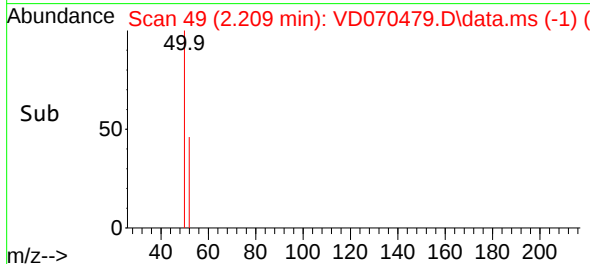
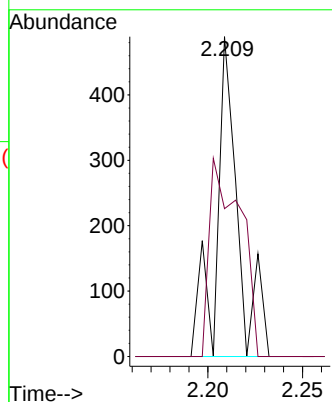
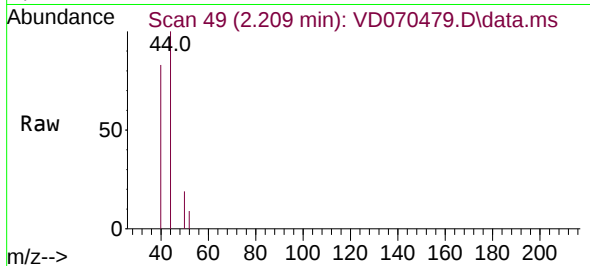




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

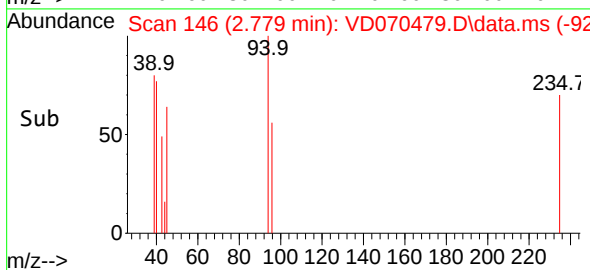
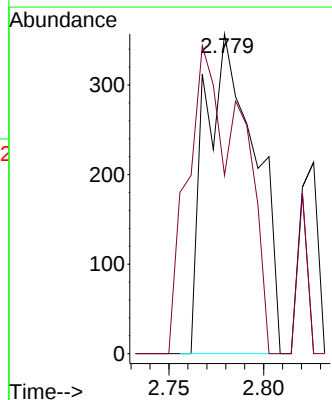
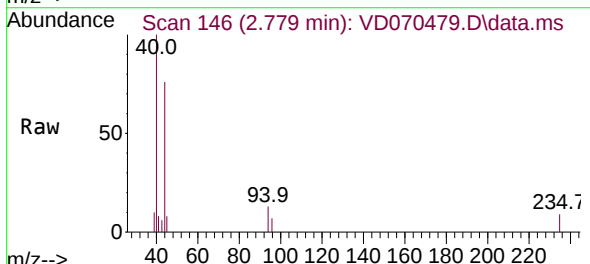
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

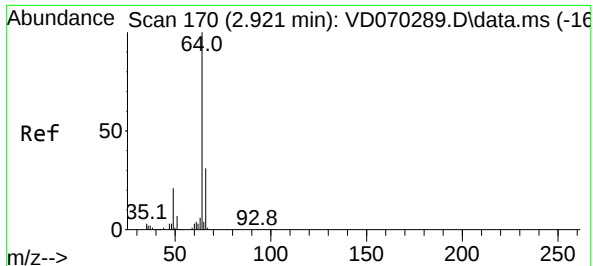
Tgt Ion: 50 Resp: 386
Ion Ratio Lower Upper
50 100
52 46.2 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 55.7 73.0 109.6#

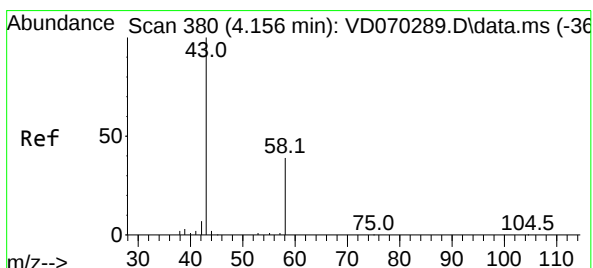
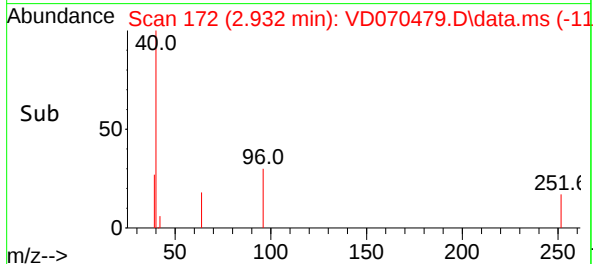
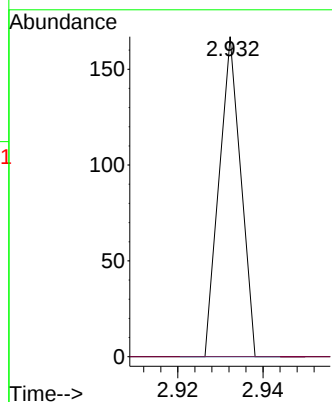
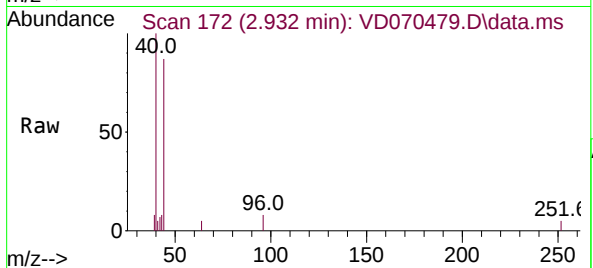




#6
Chloroethane
Concen: Below Cal
RT: 2.932 min Scan# 172
Delta R.T. 0.011 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

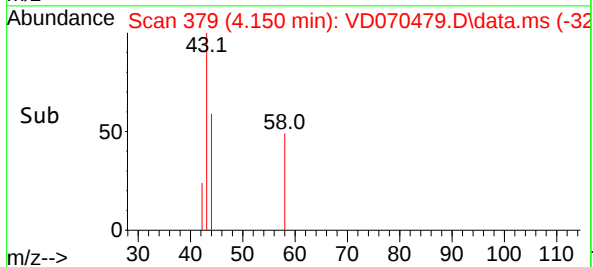
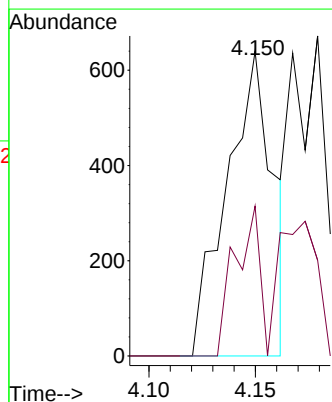
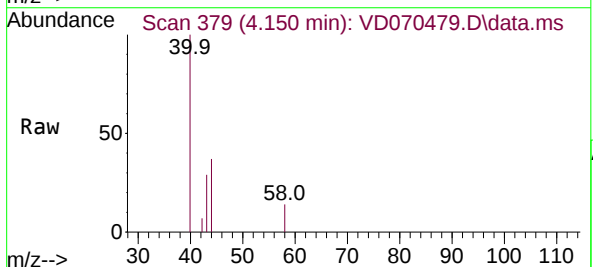
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

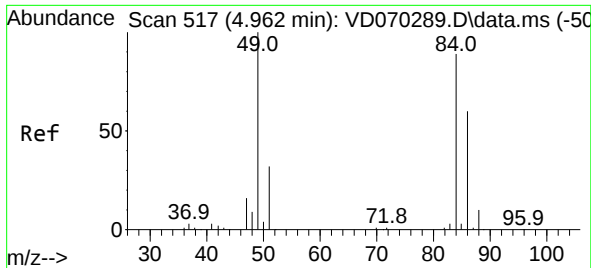
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#16
Acetone
Concen: 1.807 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 49.2 30.9 46.3#

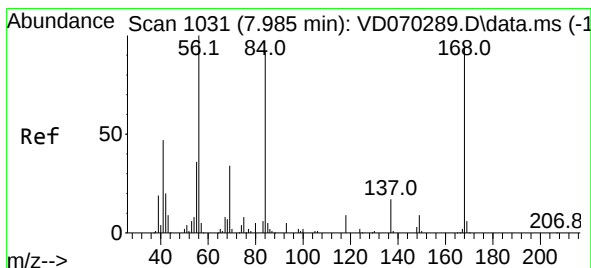
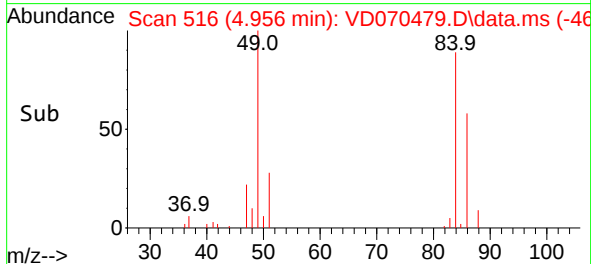
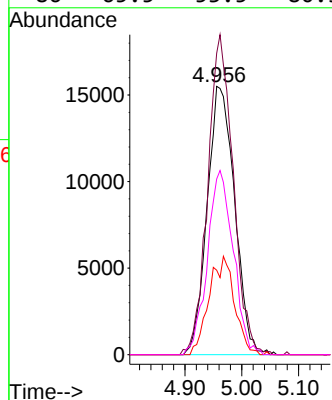
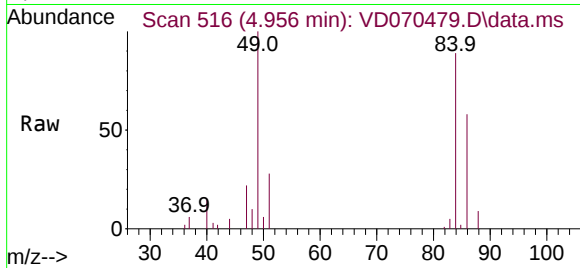




#20
Methylene Chloride
Concen: 9.868 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

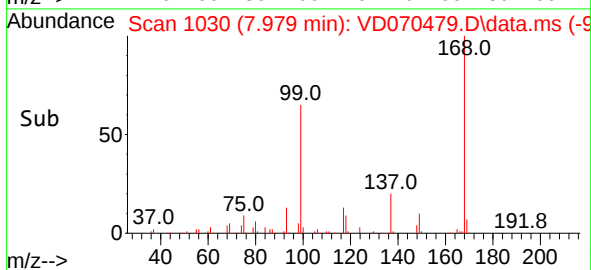
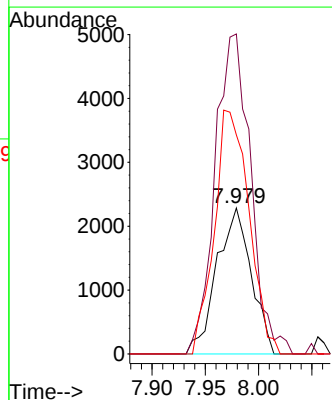
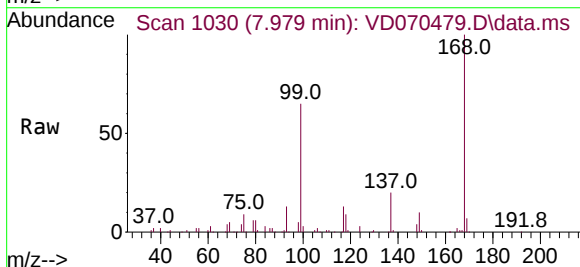
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

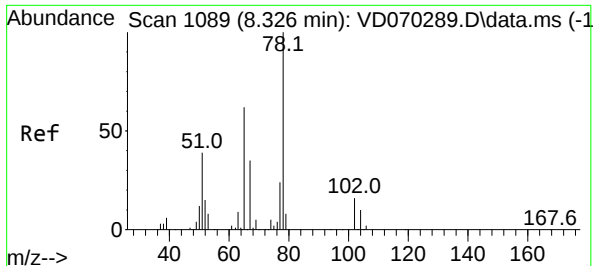
Tgt Ion:	84	Resp:	52027
Ion	Ratio	Lower	Upper
84	100		
49	112.4	89.6	134.4
51	31.5	28.6	43.0
86	65.5	53.5	80.3



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion:	56	Resp:	5141
Ion	Ratio	Lower	Upper
56	100		
69	219.3	26.9	40.3#
84	150.1	73.6	110.4#

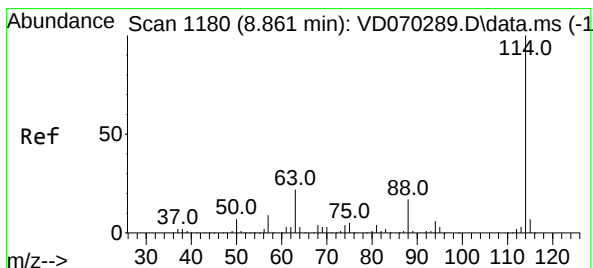
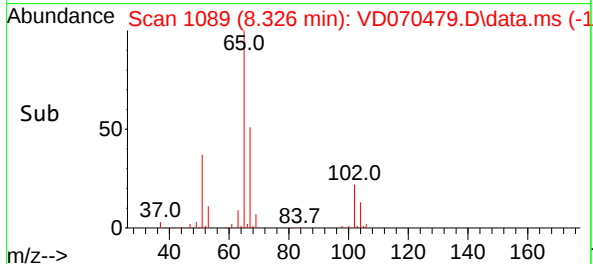
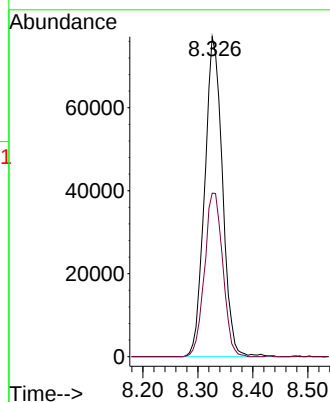
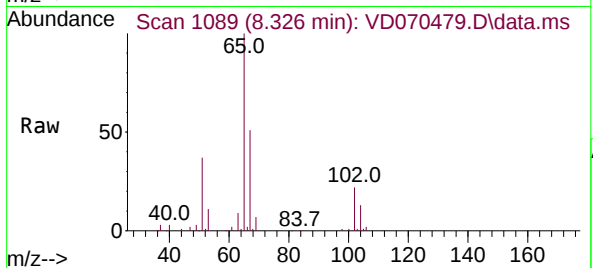




#33
1,2-Dichloroethane-d4
Concen: 58.177 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

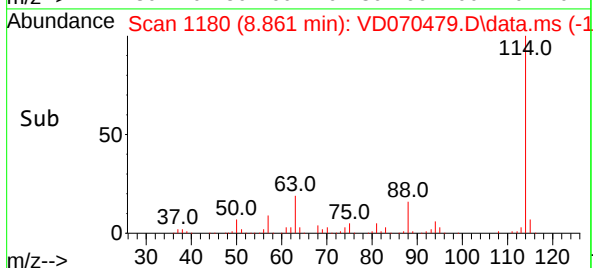
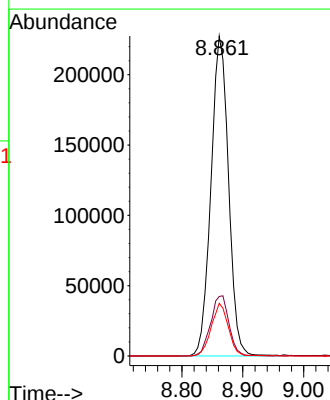
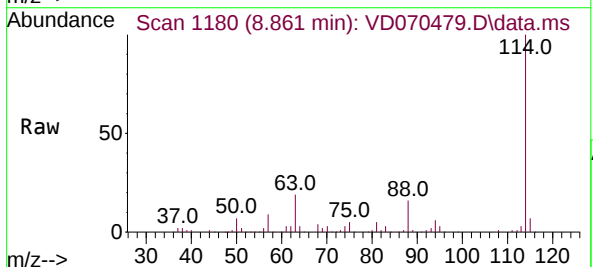
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

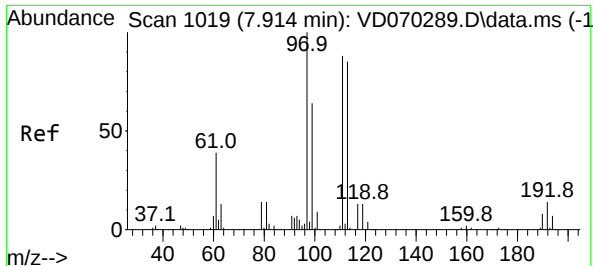
Tgt Ion: 65 Resp: 173304
Ion Ratio Lower Upper
65 100
67 52.5 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 114 Resp: 455009
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.4
88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.374 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070479.D

Acq: 27 Sep 2021 15:55

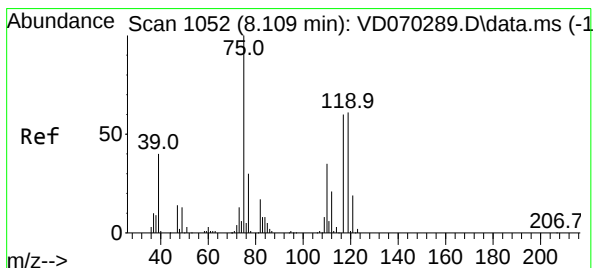
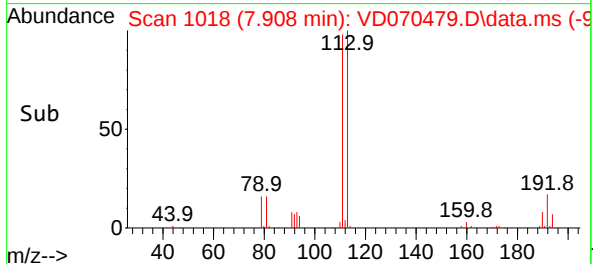
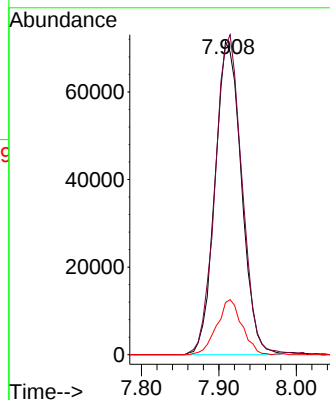
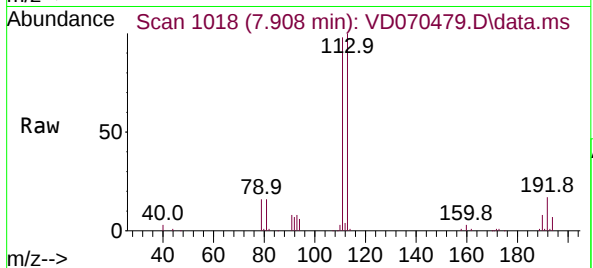
Tgt Ion:113 Resp: 169630

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

192 16.7 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.217 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD070479.D

Acq: 27 Sep 2021 15:55

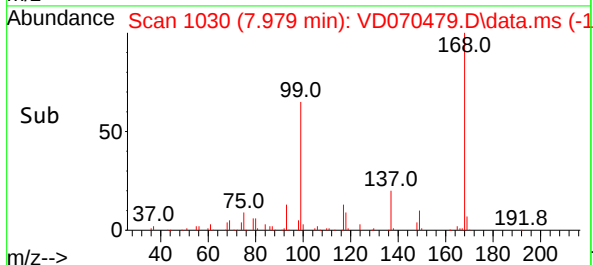
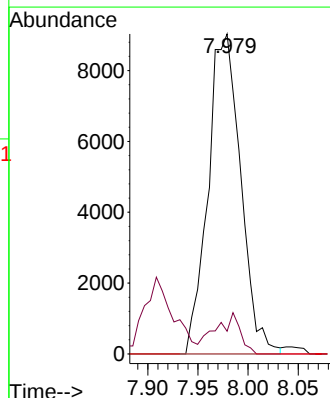
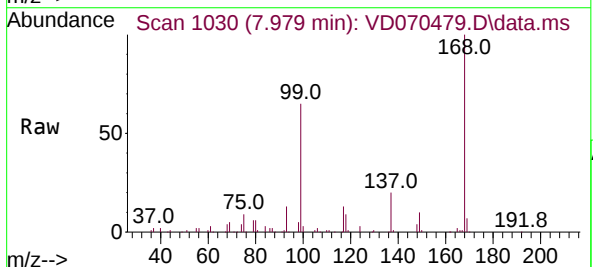
Tgt Ion: 75 Resp: 20508

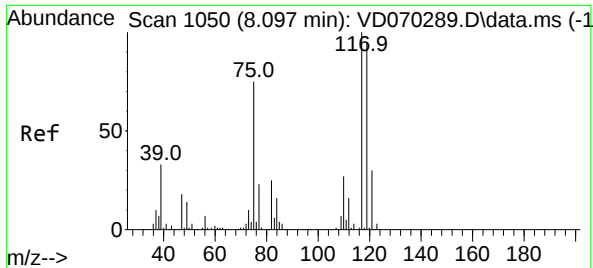
Ion Ratio Lower Upper

75 100

110 9.8 17.9 53.7#

77 0.0 25.3 37.9#

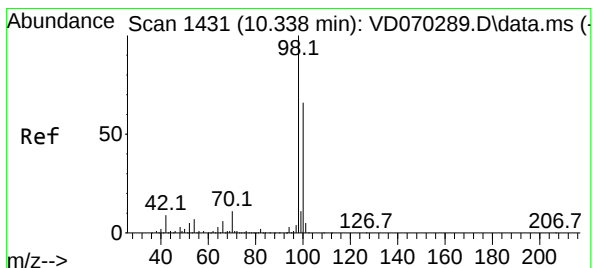
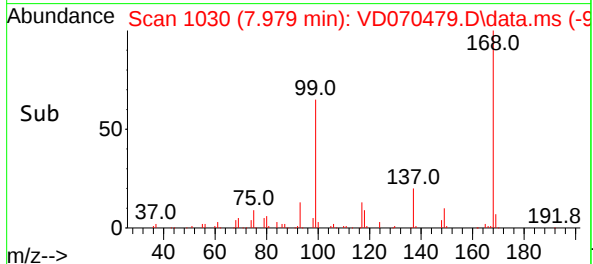
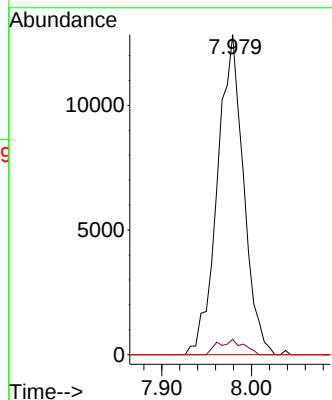
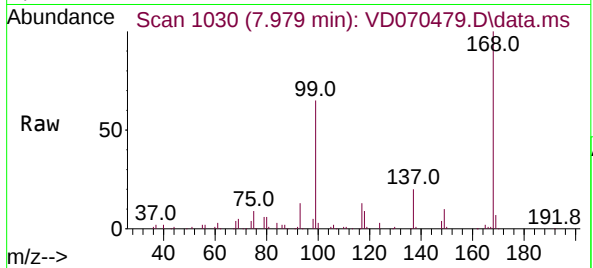




#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

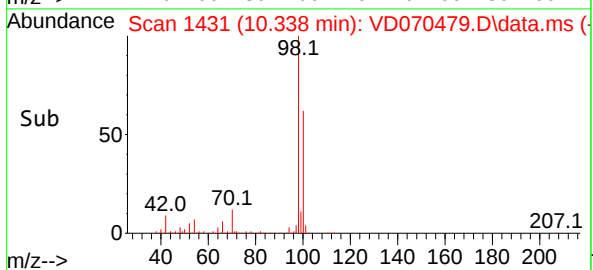
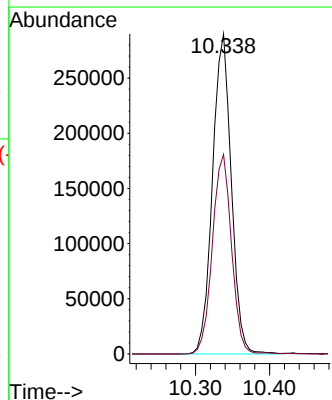
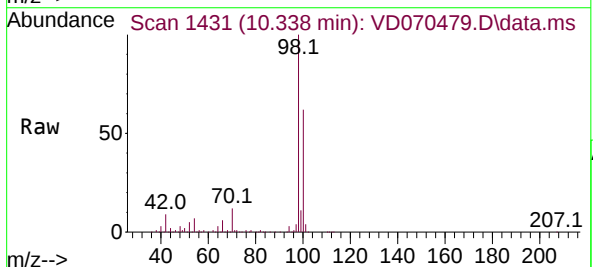
Instrument :
MSVOA_D
ClientSampled :
WC-DB-1

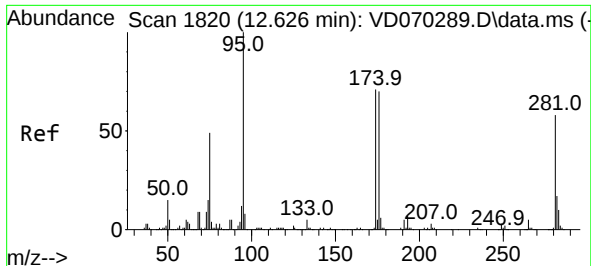
Tgt Ion:117 Resp: 26035
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 43.374 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 98 Resp: 510055
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

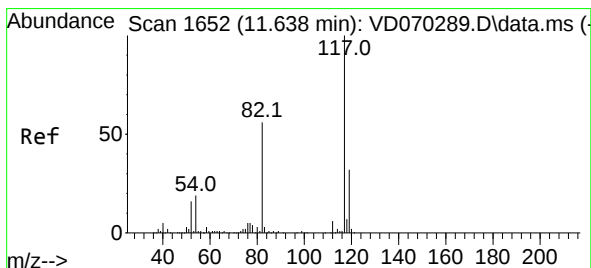
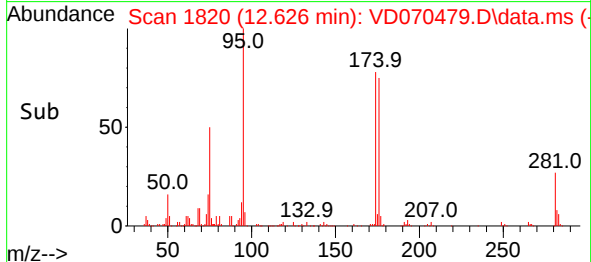
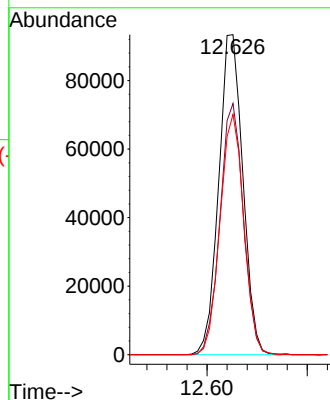
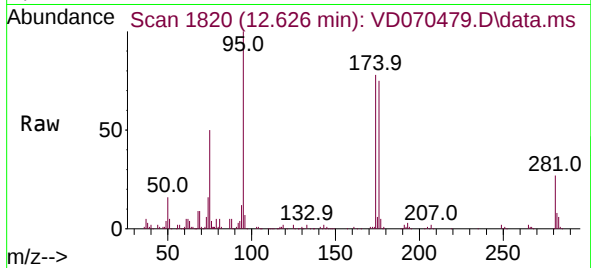




#62
4-Bromofluorobenzene
Concen: 37.893 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

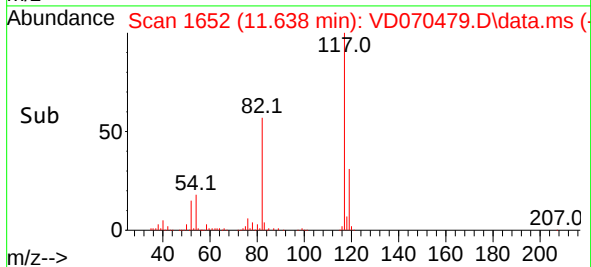
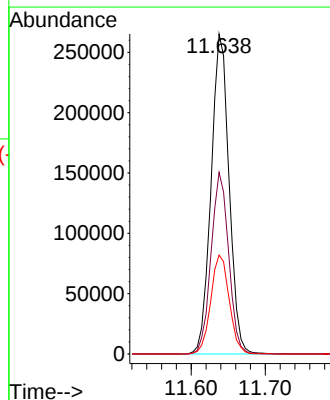
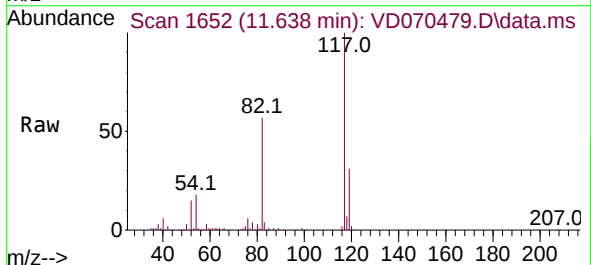
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

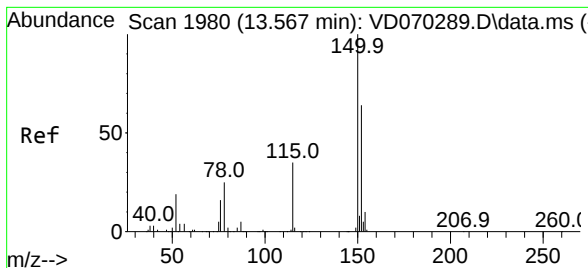
Tgt Ion: 95 Resp: 155729
Ion Ratio Lower Upper
95 100
174 76.2 0.0 140.6
176 73.8 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 117 Resp: 445373
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 30.9 25.2 37.8

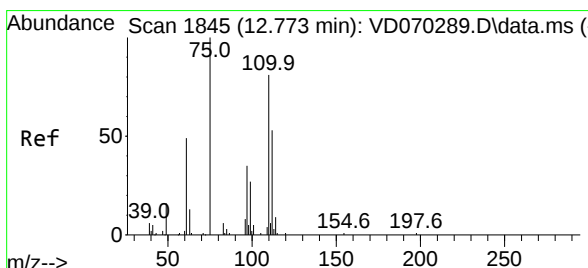
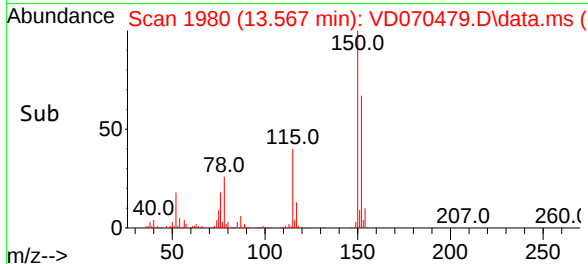
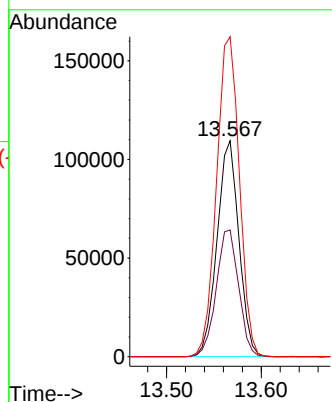
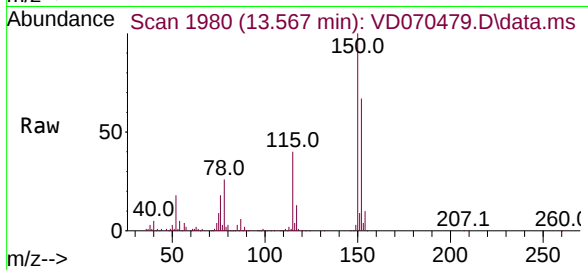




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

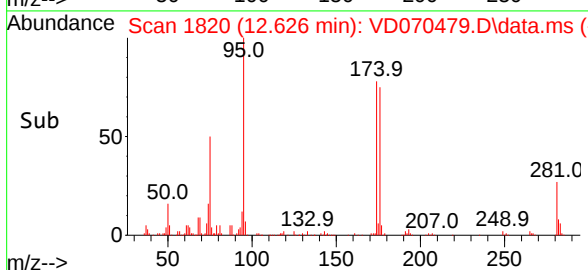
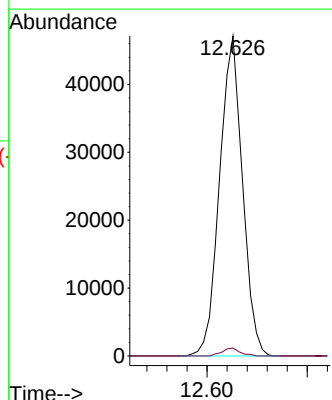
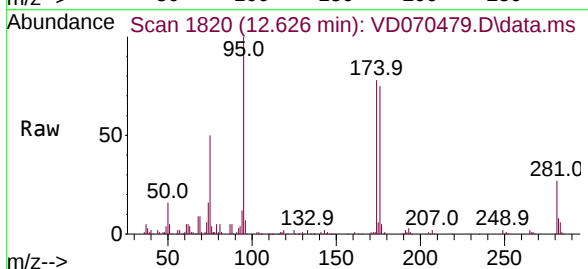
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

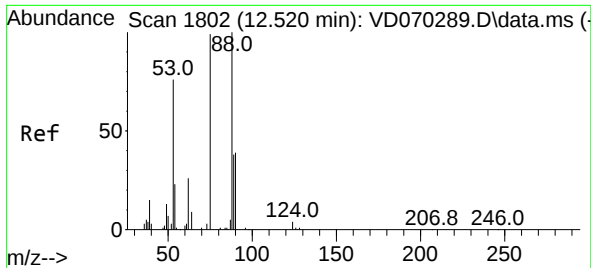
Tgt Ion:152 Resp: 175408
Ion Ratio Lower Upper
152 100
115 60.2 32.1 96.3
150 154.8 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 42.070 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 75 Resp: 74644
Ion Ratio Lower Upper
75 100
77 2.0 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.411 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070479.D
 Acq: 27 Sep 2021 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-DB-1

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.2	96.2#
89	0.5	35.6	53.4#

