

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070087.D
 Acq On : 17 Aug 2021 14:43
 Operator : VA/SY
 Sample : M3389-11RE
 Misc : 4.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-17

Quant Time: Aug 18 03:06:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

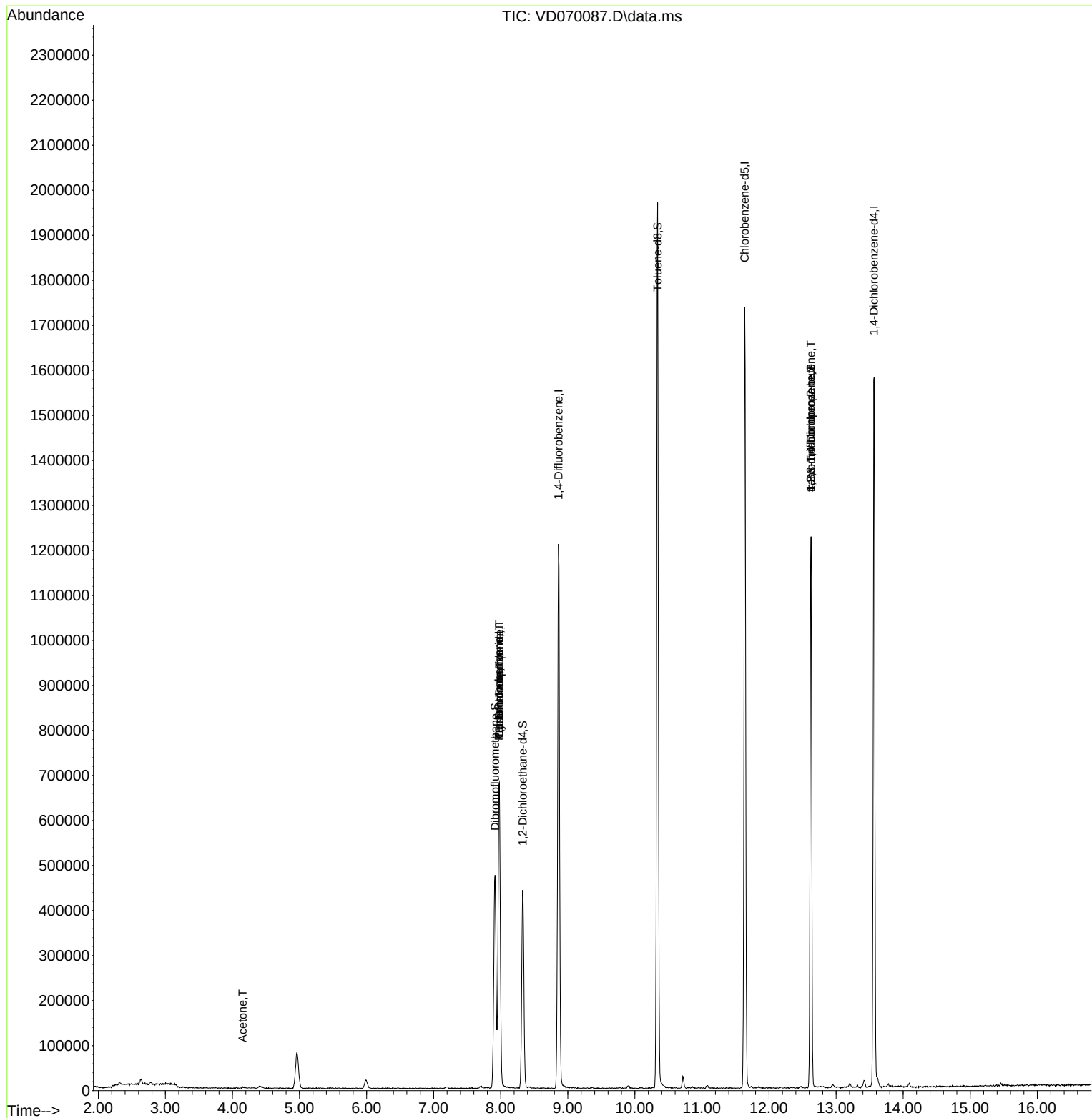
Internal Standards						
1) Pentafluorobenzene	7.973	168	485257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1041437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1010323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	420182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	349632	61.260	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	122.520%	
35) Dibromofluoromethane	7.914	113	351188	52.195	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	104.400%	
50) Toluene-d8	10.338	98	1349563	51.570	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	103.140%	
62) 4-Bromofluorobenzene	12.626	95	420732	48.811	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	97.620%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	504	Below Cal	#	53
3) Chloromethane	2.209	50	1615	Below Cal		91
5) Bromomethane	2.779	94	2591	Below Cal	#	71
16) Acetone	4.150	43	2235	2.126	ug/l #	84
31) Cyclohexane	7.979	56	12262	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	44575	3.979	ug/l #	49
38) Carbon Tetrachloride	7.979	117	50536	4.968	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	205542	48.235	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	205542	125.201	ug/l #	18

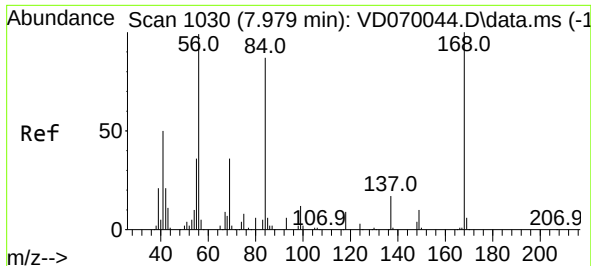
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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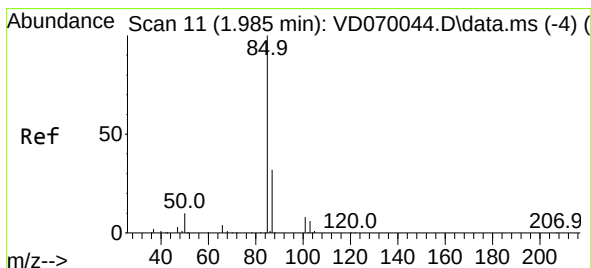
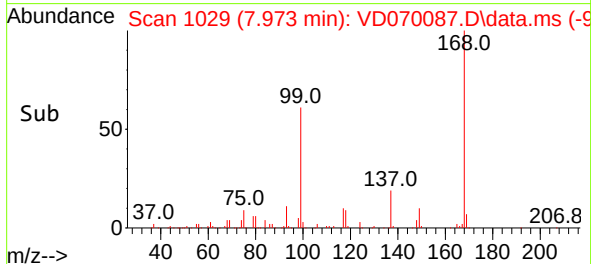
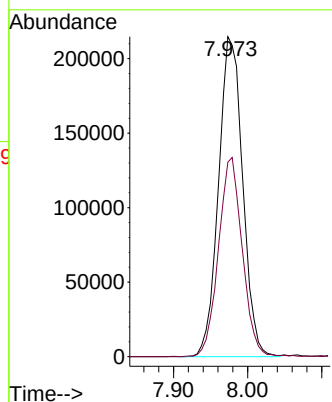
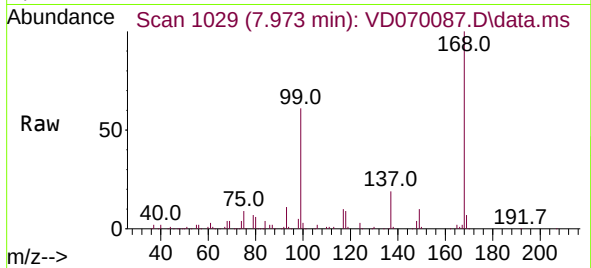




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

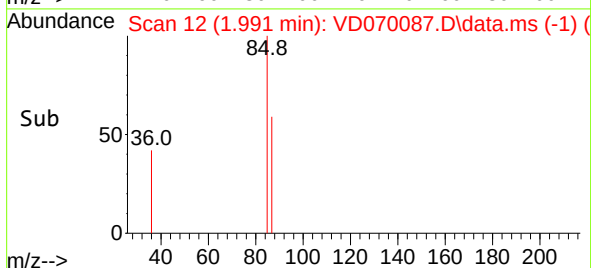
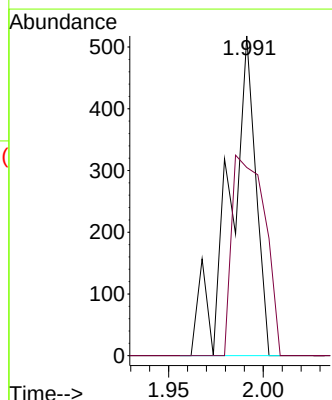
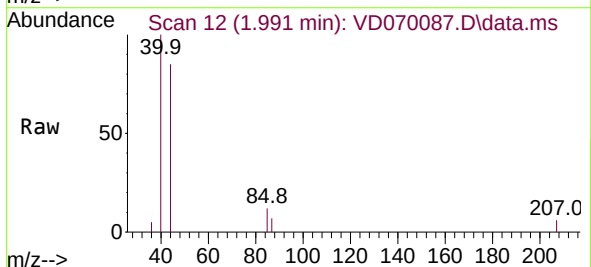
Instrument :
MSVOA_D
ClientSampleId :
CRT-17

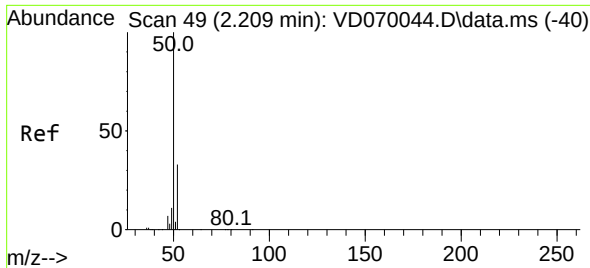
Tgt Ion:168 Resp: 485257
Ion Ratio Lower Upper
168 100
99 60.8 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

Tgt Ion: 85 Resp: 504
Ion Ratio Lower Upper
85 100
87 58.9 16.2 48.6#

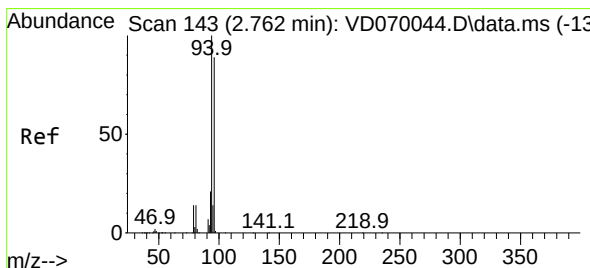
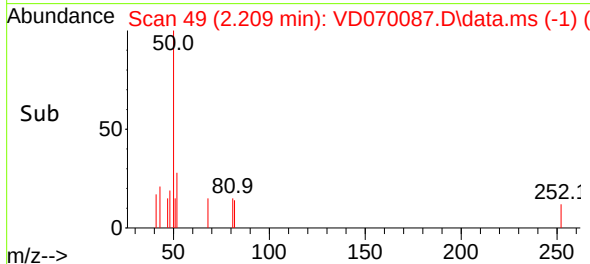
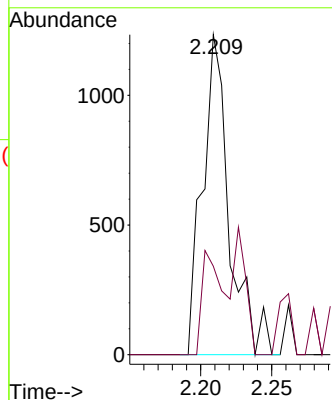
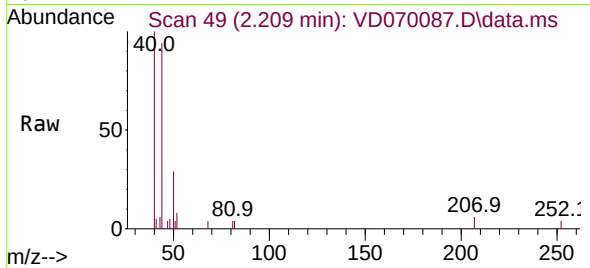




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

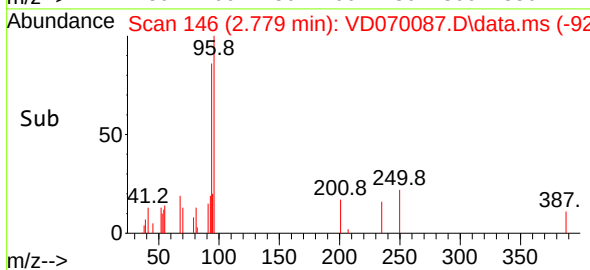
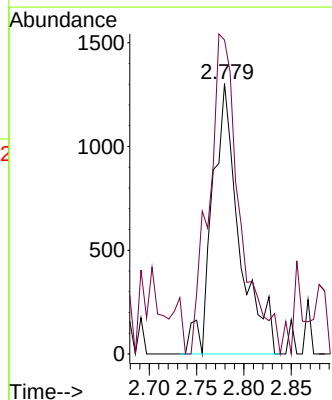
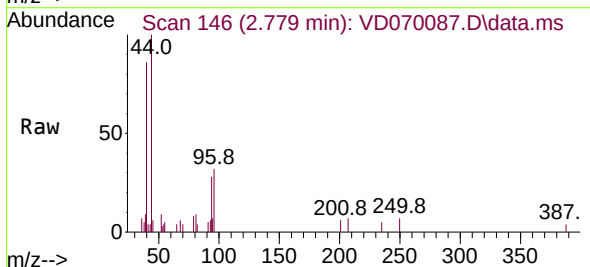
Instrument :
MSVOA_D
ClientSampled :
CRT-17

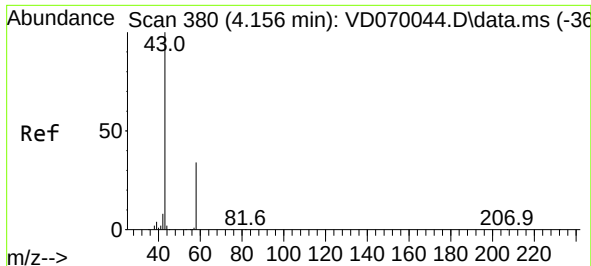
Tgt Ion: 50 Resp: 1615
Ion Ratio Lower Upper
50 100
52 27.6 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

Tgt Ion: 94 Resp: 2591
Ion Ratio Lower Upper
94 100
96 116.1 70.9 106.3

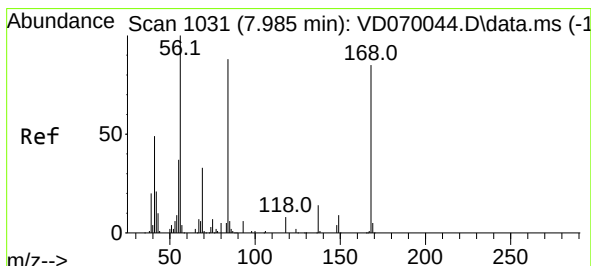
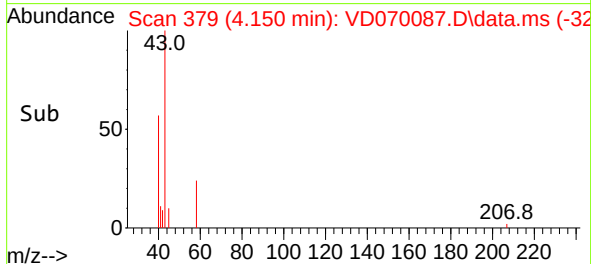
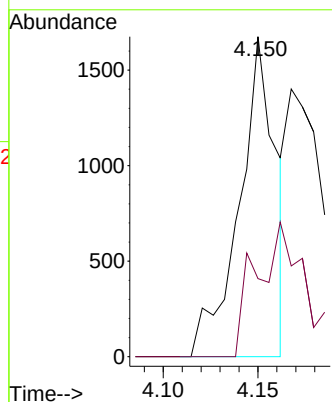
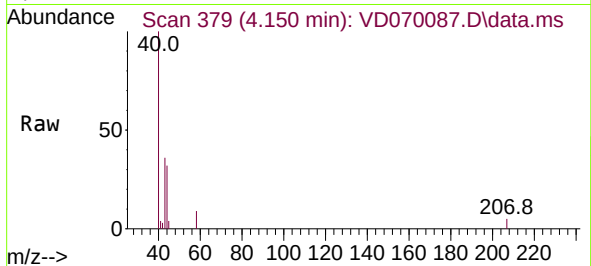




#16
Acetone
Concen: 2.126 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

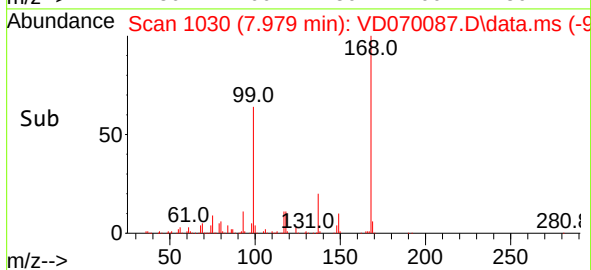
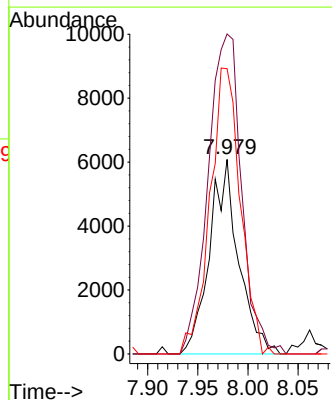
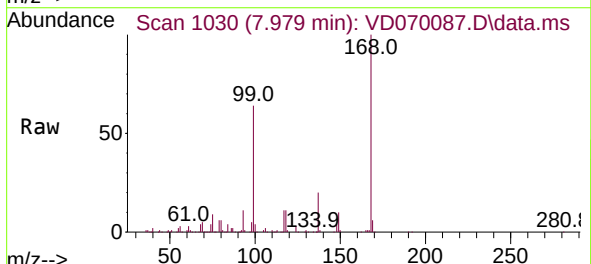
Instrument :
MSVOA_D
ClientSampled :
CRT-17

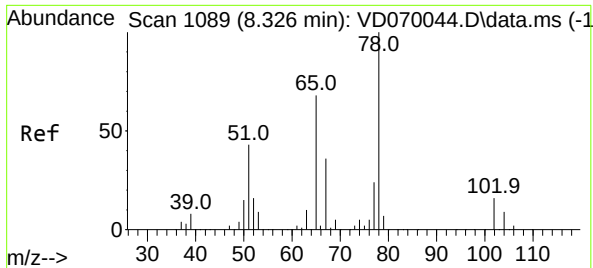
Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 24.4 26.8 40.2#



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

Tgt Ion: 56 Resp: 12262
Ion Ratio Lower Upper
56 100
69 164.4 26.7 40.1#
84 146.6 70.4 105.6#

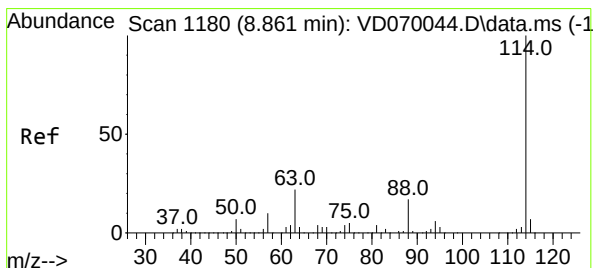
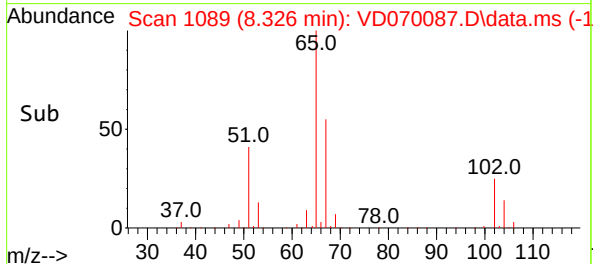
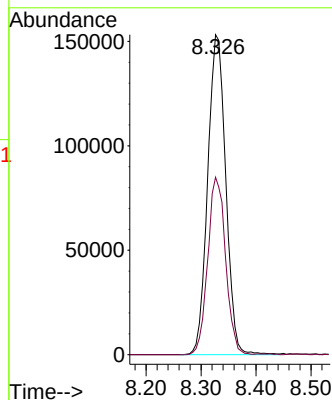
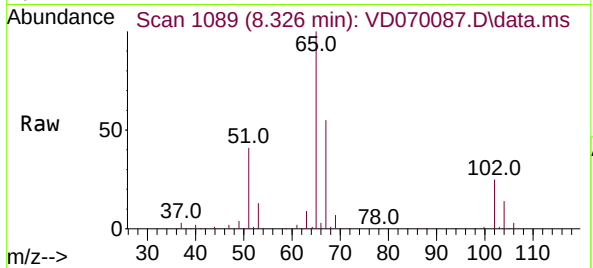




#33
 1,2-Dichloroethane-d4
 Concen: 61.260 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070087.D
 Acq: 17 Aug 2021 14:43

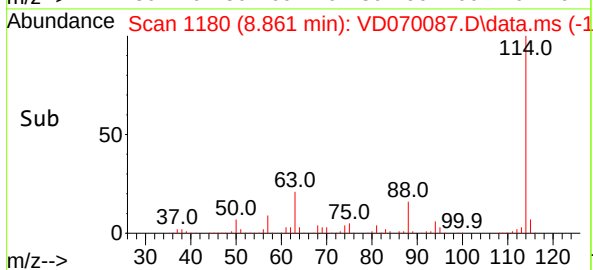
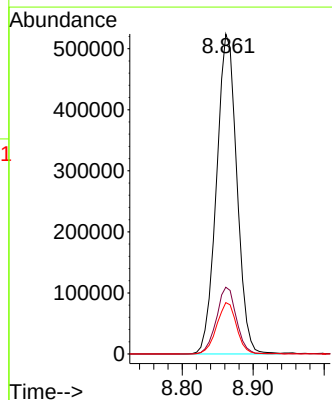
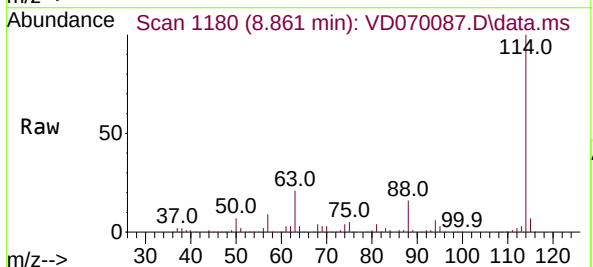
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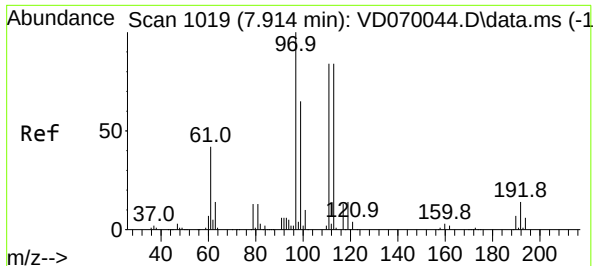
Tgt Ion: 65 Resp: 349632
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD070087.D
 Acq: 17 Aug 2021 14:43

Tgt Ion: 114 Resp: 1041437
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.6
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.195 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070087.D

Acq: 17 Aug 2021 14:43

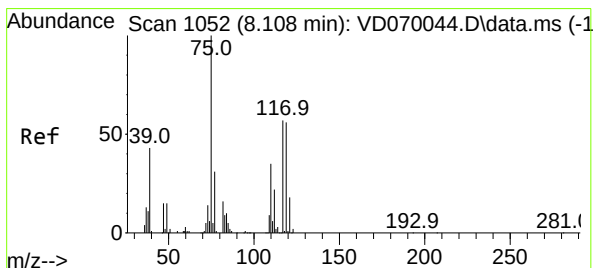
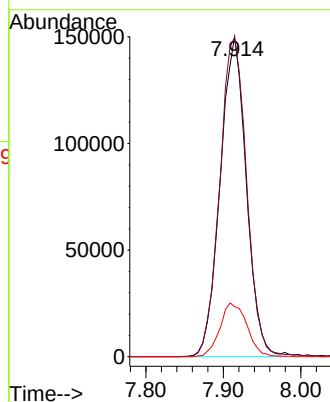
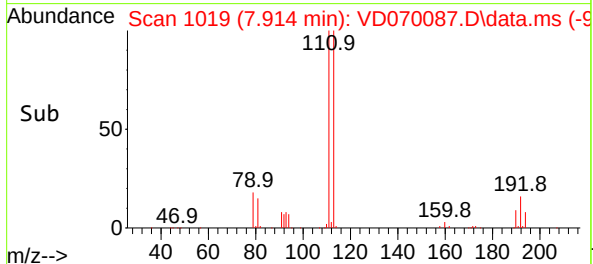
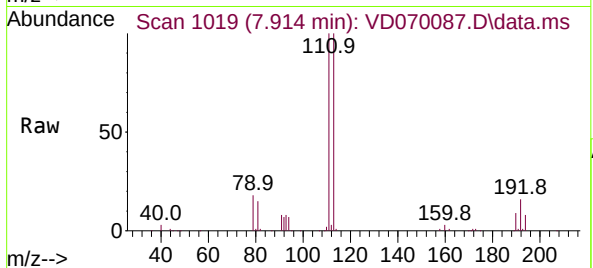
Tgt Ion:113 Resp: 351188

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 17.4 13.2 19.8



#36

1,1-Dichloropropene

Concen: 3.979 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070087.D

Acq: 17 Aug 2021 14:43

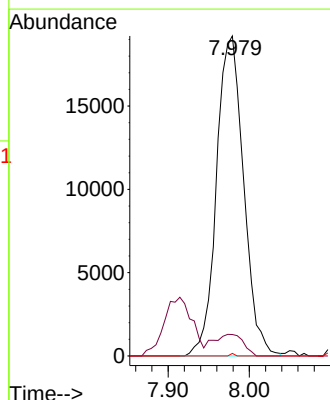
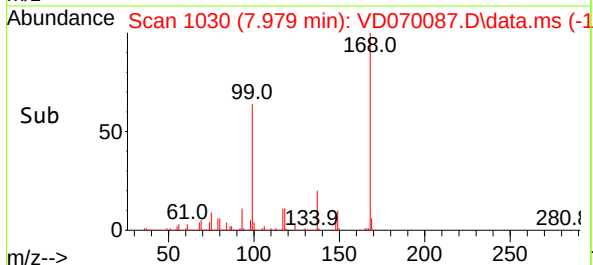
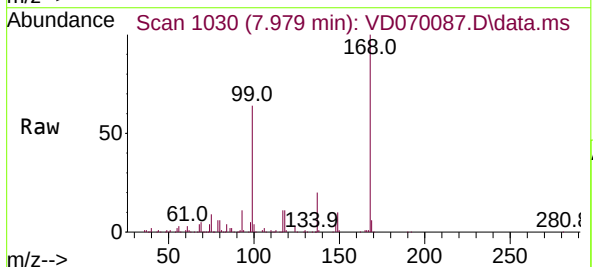
Tgt Ion: 75 Resp: 44575

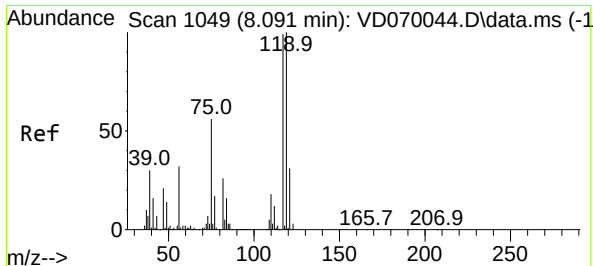
Ion Ratio Lower Upper

75 100

110 7.5 16.9 50.7#

77 0.1 25.2 37.8#

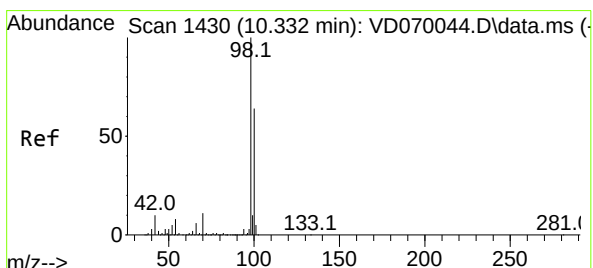
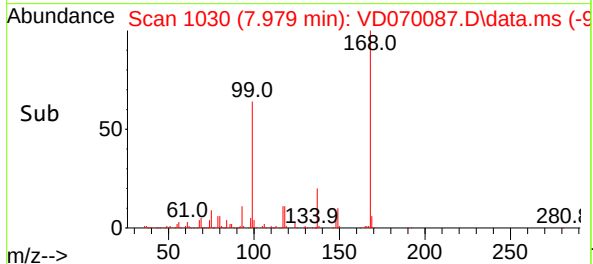
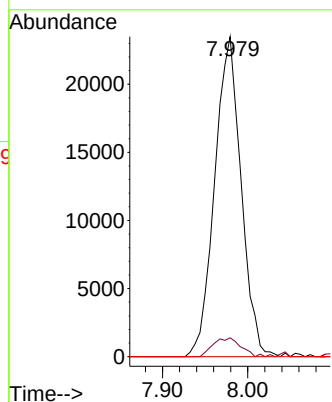
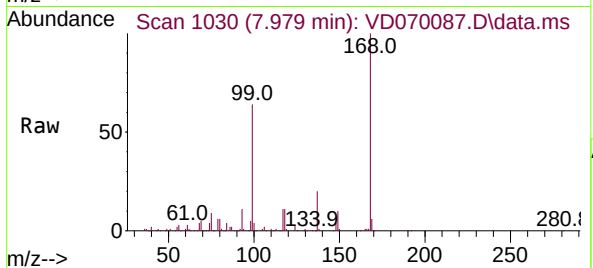




#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

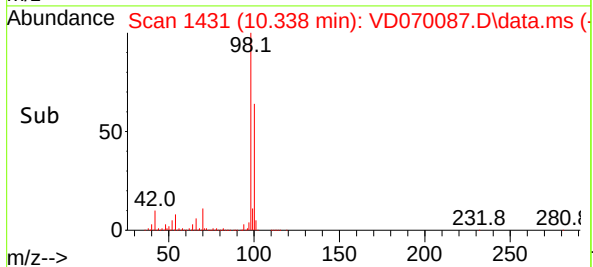
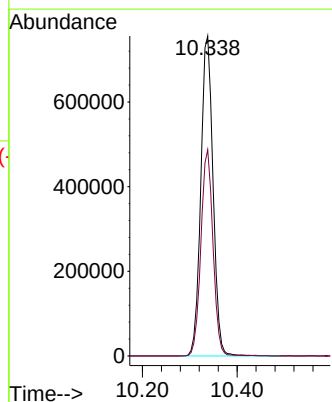
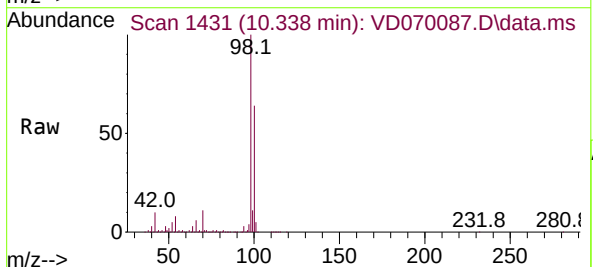
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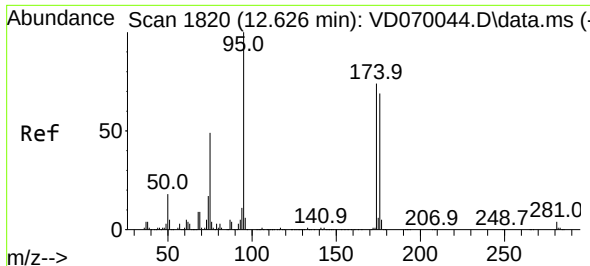
Tgt Ion:117 Resp: 50536
Ion Ratio Lower Upper
117 100
119 5.9 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.570 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

Tgt Ion: 98 Resp: 1349563
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

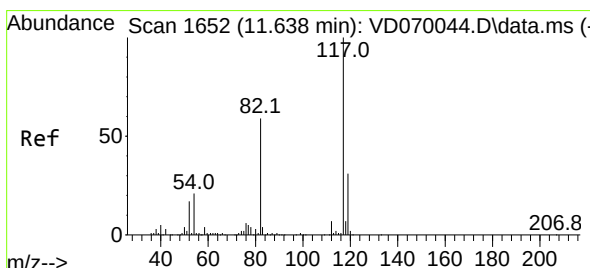
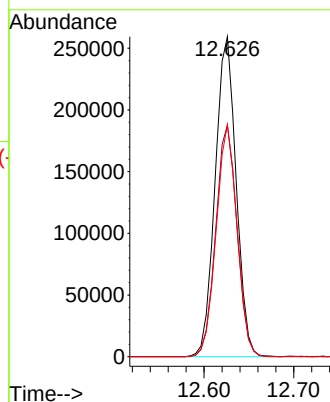
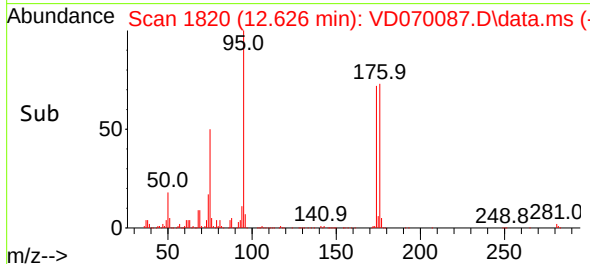
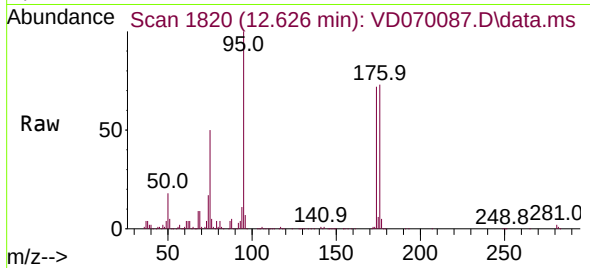




#62
4-Bromofluorobenzene
Concen: 48.811 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

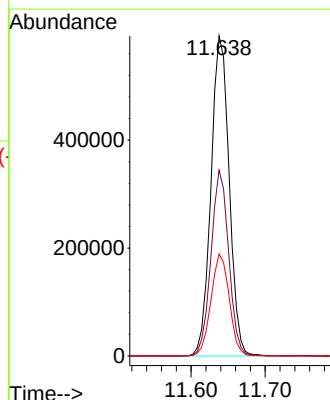
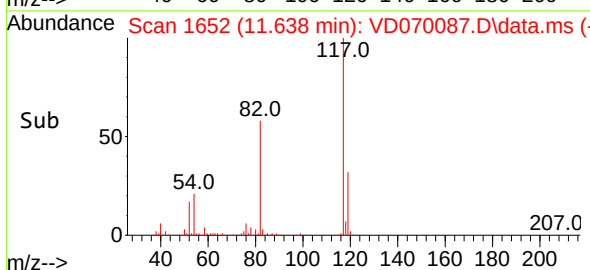
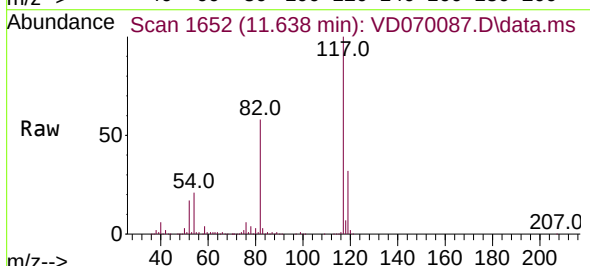
Instrument :
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ClientSampleId :
CRT-17

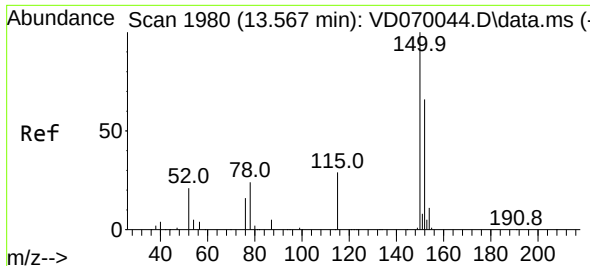
Tgt Ion: 95 Resp: 420732
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 71.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

Tgt Ion: 117 Resp: 1010323
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 31.8 25.1 37.7

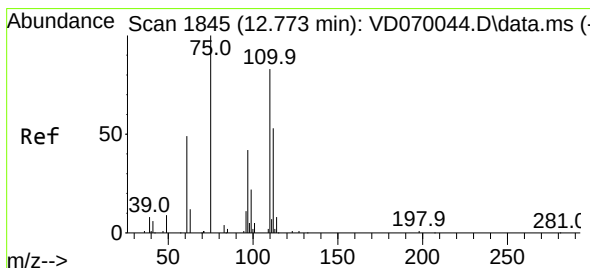
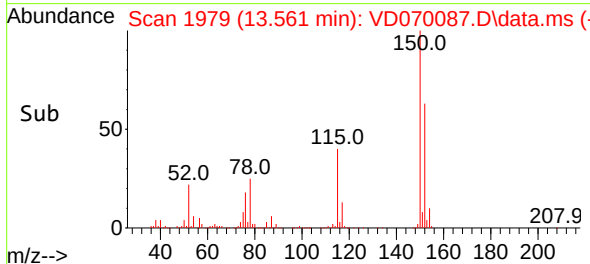
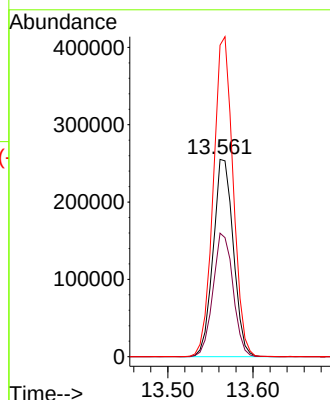
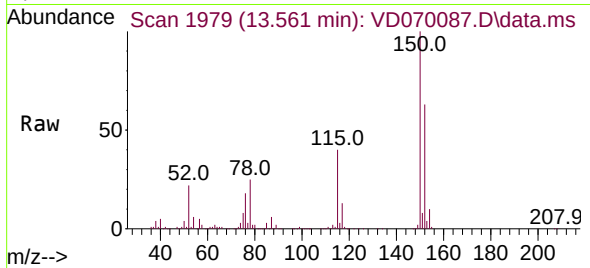




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

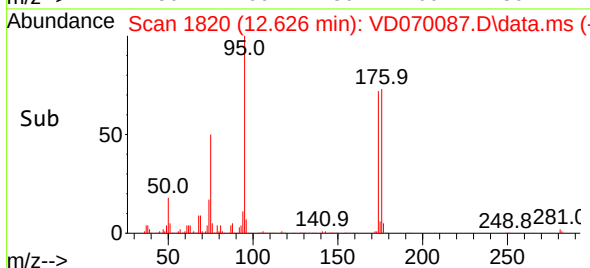
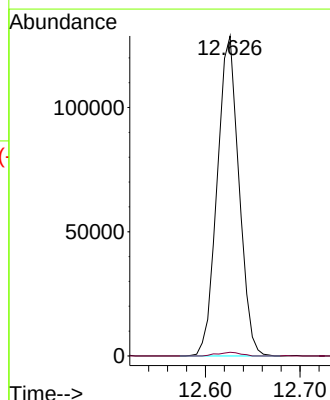
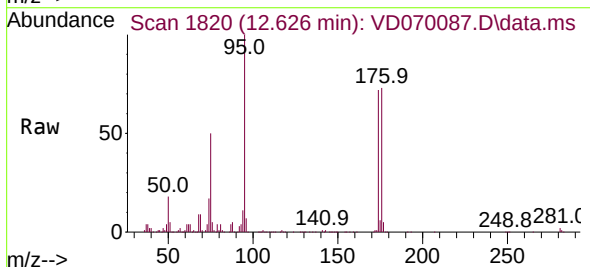
Instrument :
MSVOA_D
ClientSampleId :
CRT-17

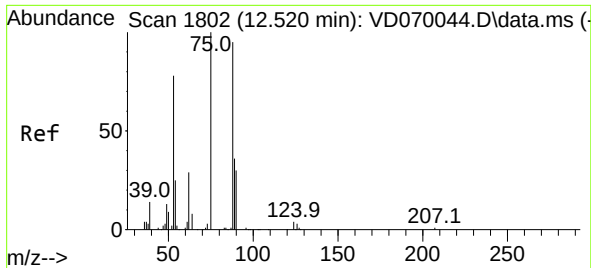
Tgt Ion:152 Resp: 420182
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 159.1 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 48.235 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

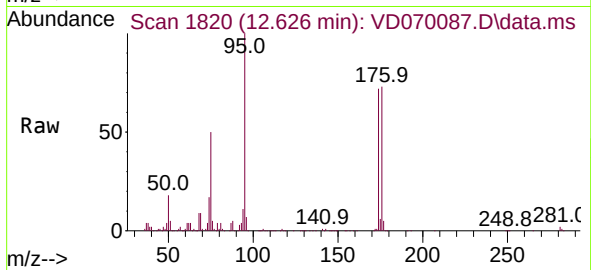
Tgt Ion: 75 Resp: 205542
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.201 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070087.D
 Acq: 17 Aug 2021 14:43

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-17



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.5	96.7#
89	0.1	33.7	50.5#

