

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070257.D
 Acq On : 25 Aug 2021 18:03
 Operator : VA/SY
 Sample : M3538-02
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-210

Quant Time: Aug 26 02:46:17 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)

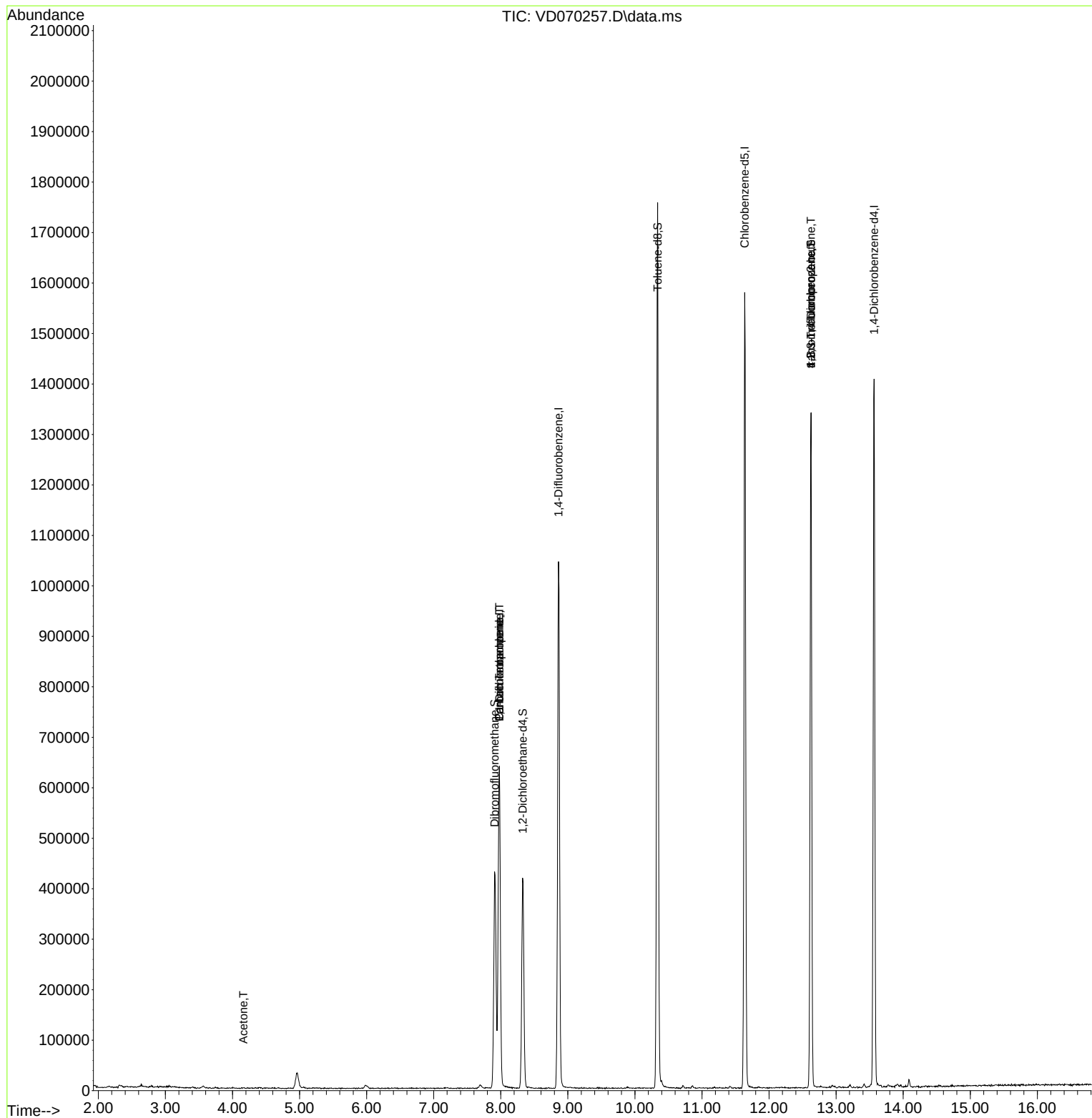
Internal Standards						
1) Pentafluorobenzene	7.979	168	468123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	921251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	951025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	393861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	323184	58.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.400%	
35) Dibromofluoromethane	7.908	113	321651	54.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.080%	
50) Toluene-d8	10.338	98	1209775	52.259	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.626	95	404687	53.075	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	161	Below Cal	#	42
3) Chloromethane	2.209	50	528	Below Cal	#	42
5) Bromomethane	2.785	94	1611	Below Cal	#	60
16) Acetone	4.162	43	1545	1.523	ug/l #	83
20) Methylene Chloride	4.956	84	25545	Below Cal	#	89
36) 1,1-Dichloropropene	7.979	75	40821	4.119	ug/l #	49
38) Carbon Tetrachloride	7.979	117	50209	5.580	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	188850	47.280	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	188850	122.721	ug/l #	18

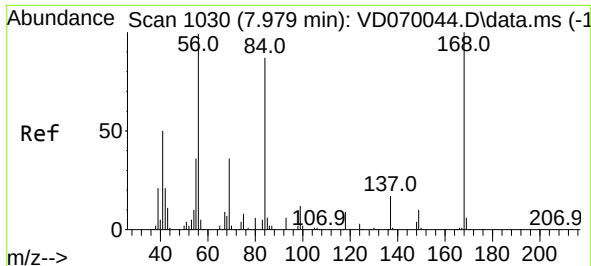
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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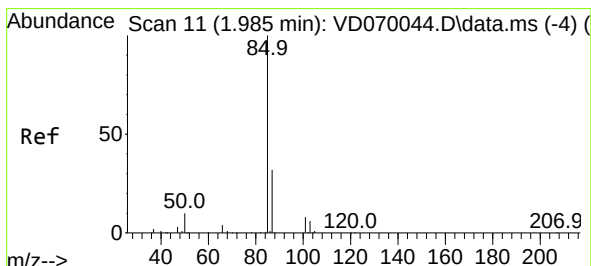
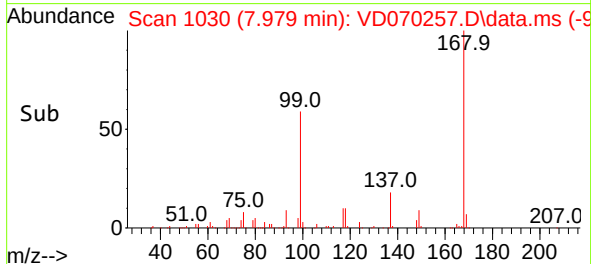
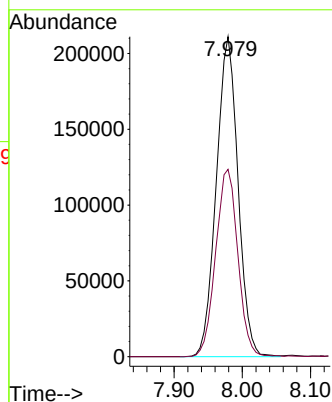
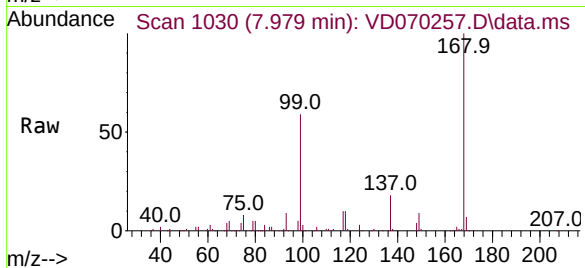




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

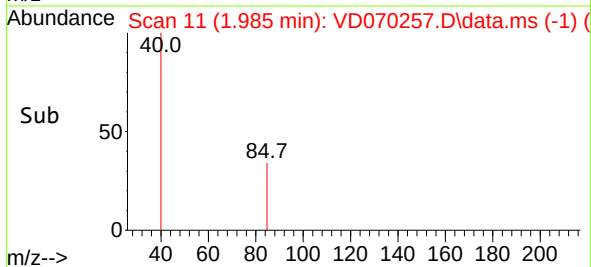
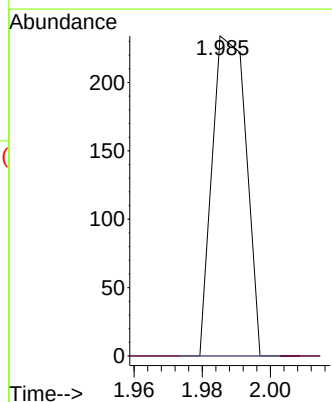
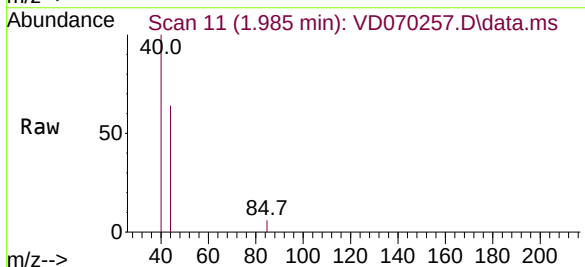
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

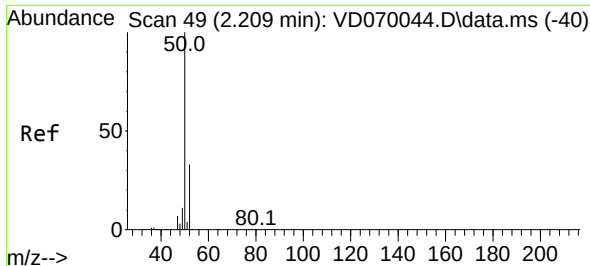
Tgt Ion:168 Resp: 468123
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion: 85 Resp: 161
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

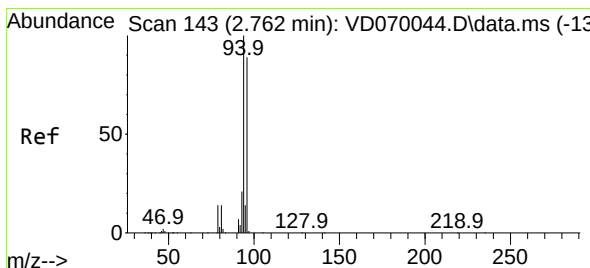
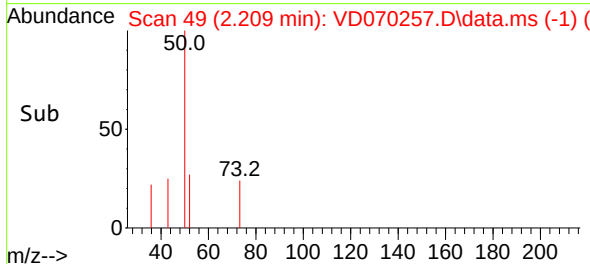
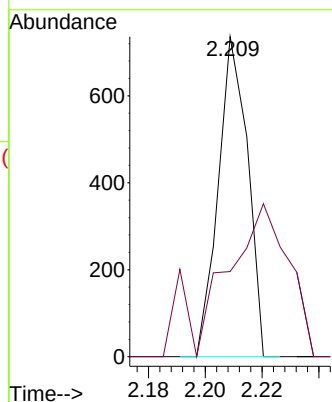
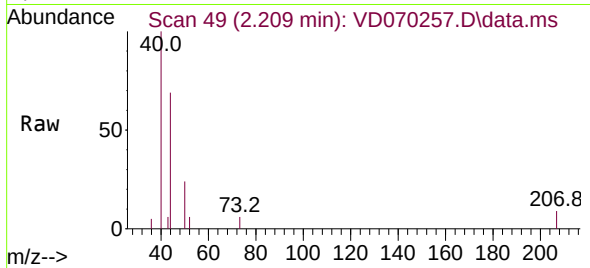




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

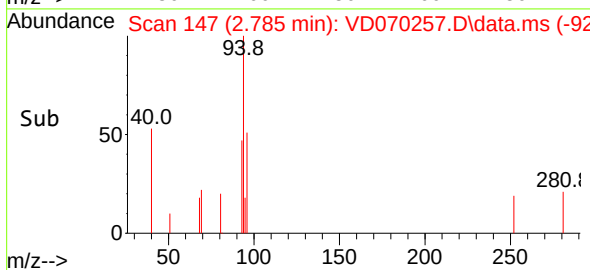
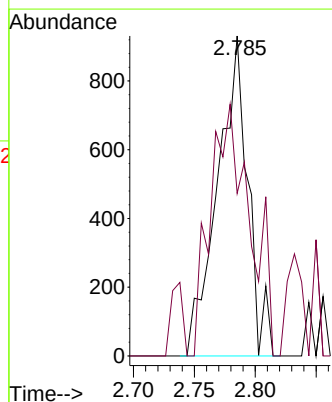
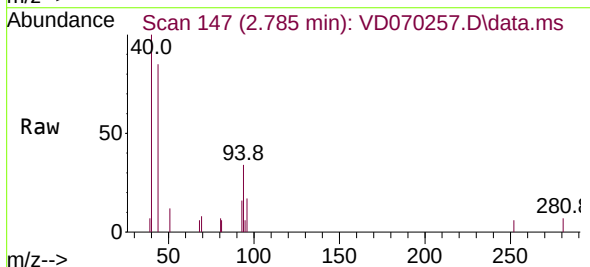
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

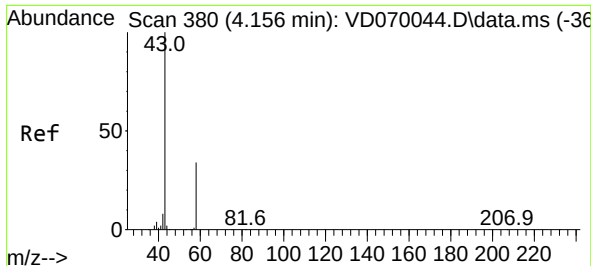
Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion: 94 Resp: 1611
Ion Ratio Lower Upper
94 100
96 50.8 70.9 106.3#

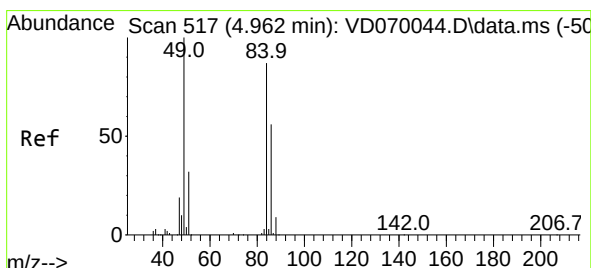
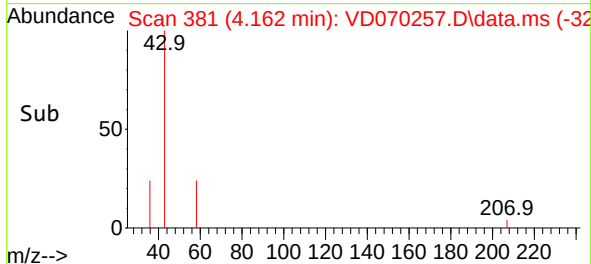
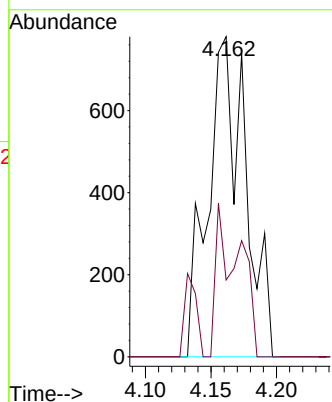
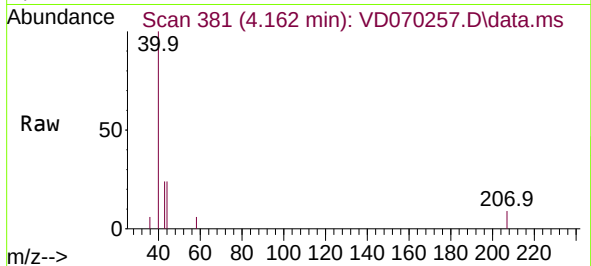




#16
Acetone
Concen: 1.523 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

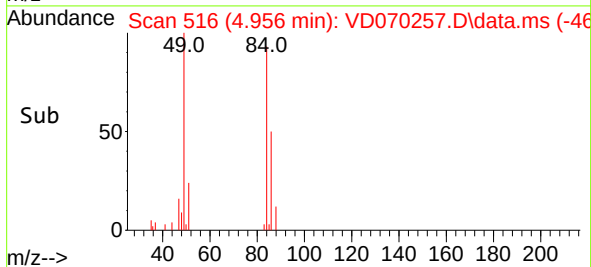
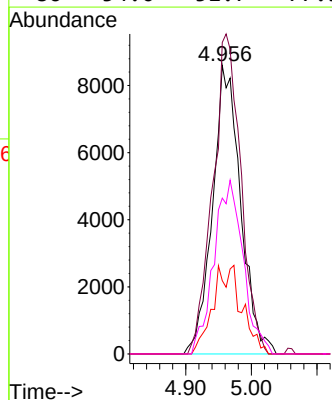
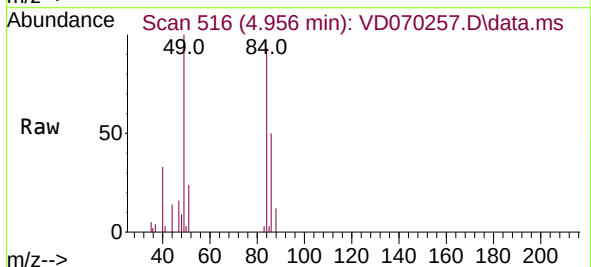
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

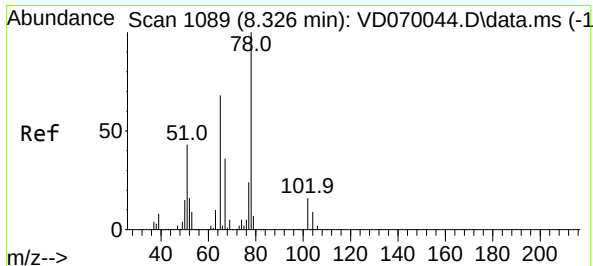
Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
58 24.0 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion: 84 Resp: 25545
Ion Ratio Lower Upper
84 100
49 108.0 92.5 138.7
51 25.4 29.7 44.5#
86 54.0 51.7 77.5



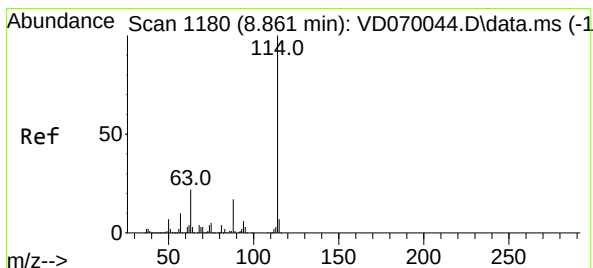
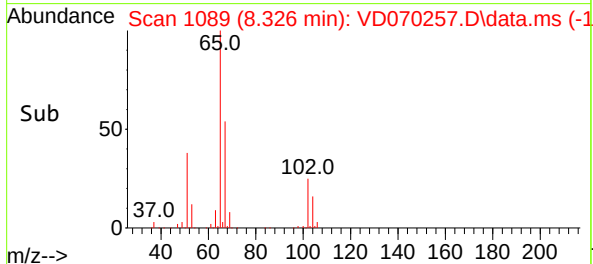
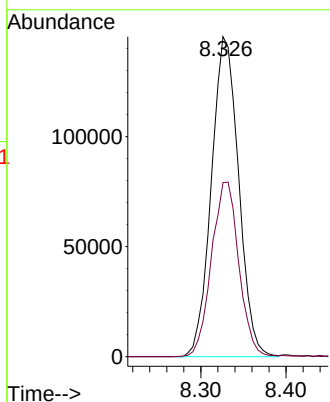
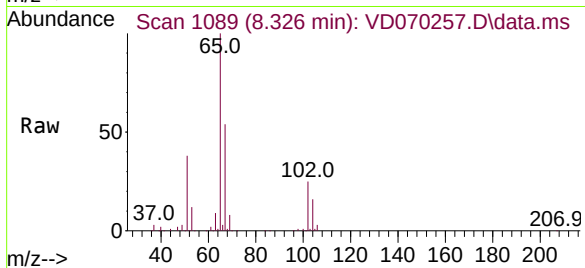


#33

1,2-Dichloroethane-d4
Concen: 58.698 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

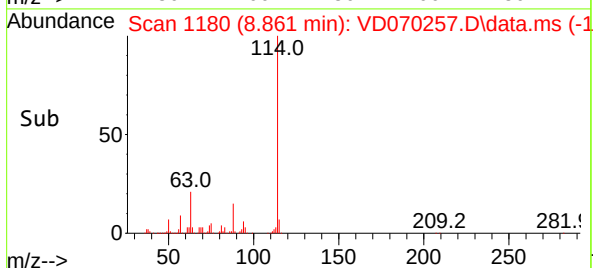
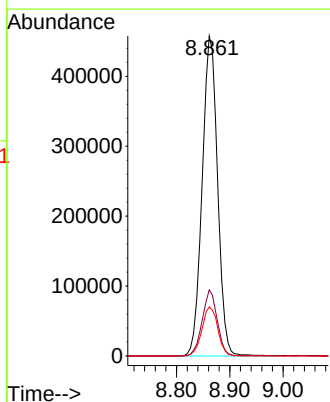
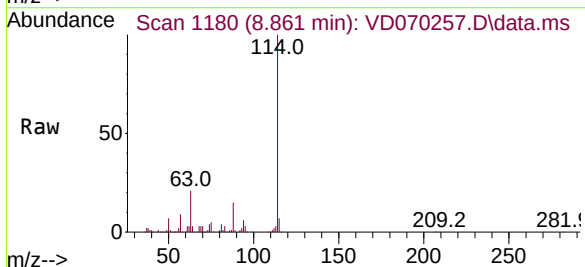
Tgt Ion: 65 Resp: 323184
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8

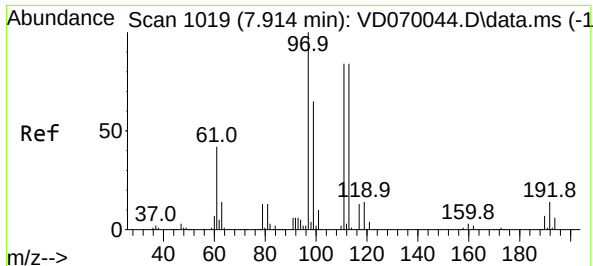


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion:114 Resp: 921251
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.6
88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.042 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070257.D

Acq: 25 Aug 2021 18:03

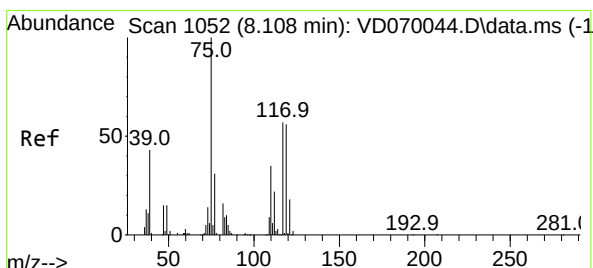
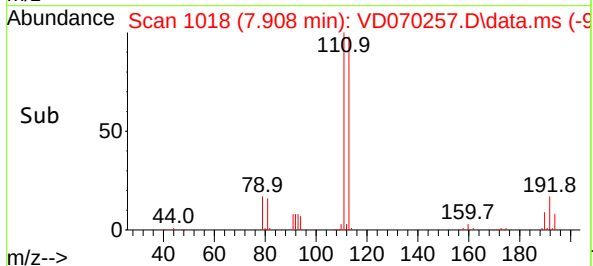
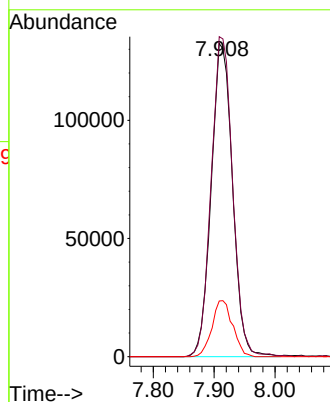
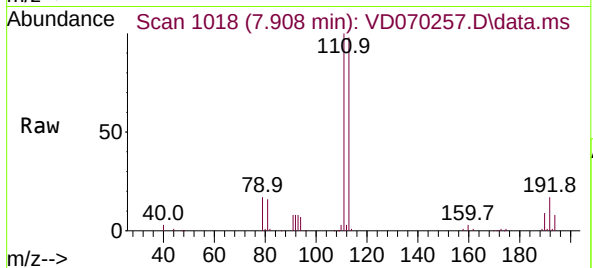
Tgt Ion:113 Resp: 321651

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 17.4 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.119 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070257.D

Acq: 25 Aug 2021 18:03

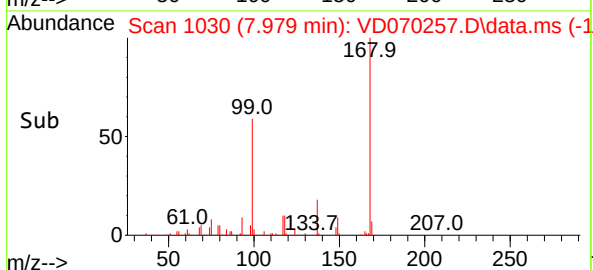
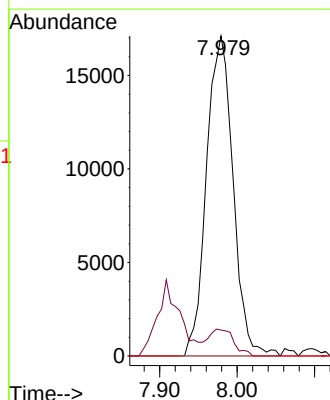
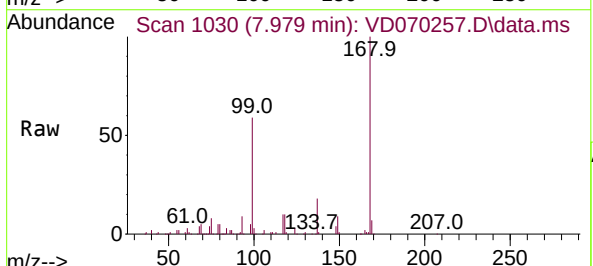
Tgt Ion: 75 Resp: 40821

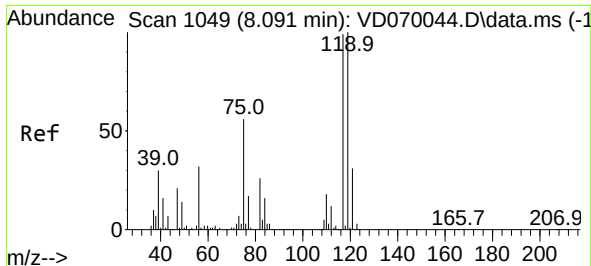
Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.7#

77 0.0 25.2 37.8#

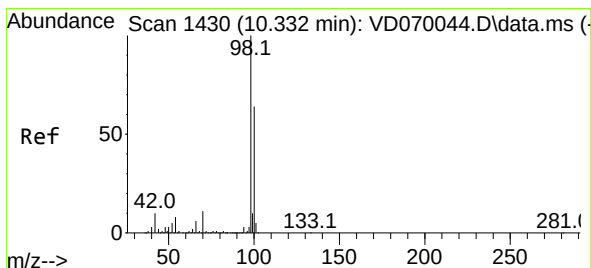
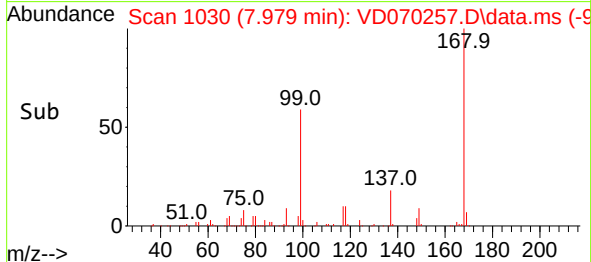
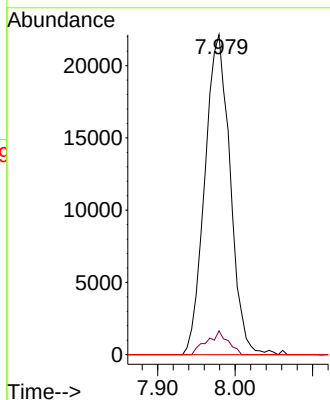
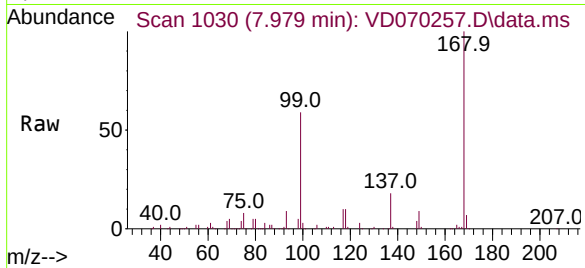




#38
Carbon Tetrachloride
Concen: 5.580 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

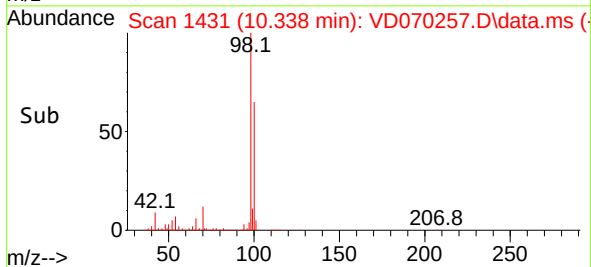
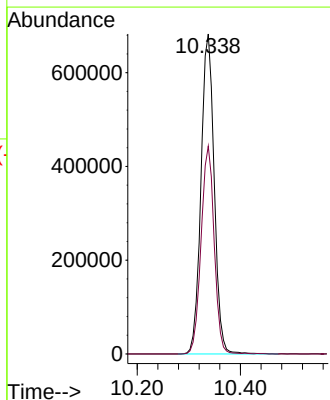
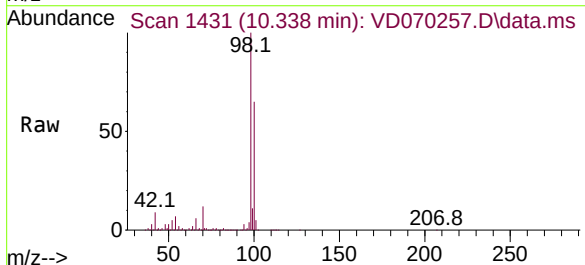
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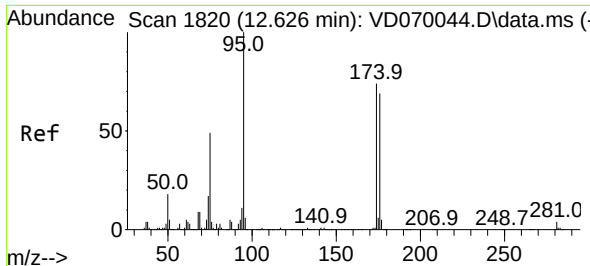
Tgt Ion:117 Resp: 50209
Ion Ratio Lower Upper
117 100
119 7.5 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.259 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion: 98 Resp: 1209775
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

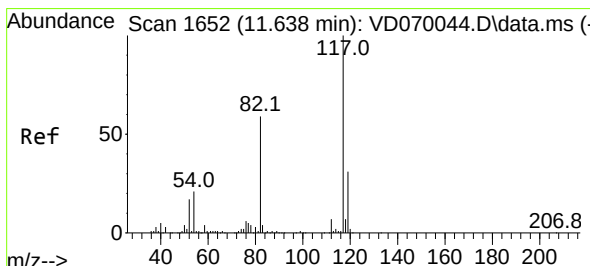
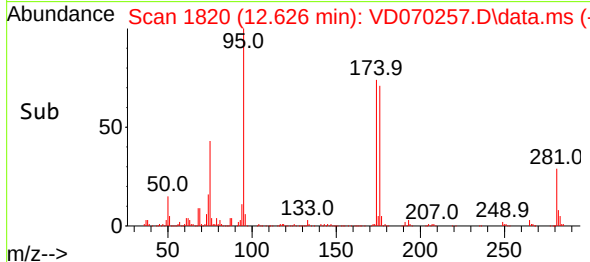
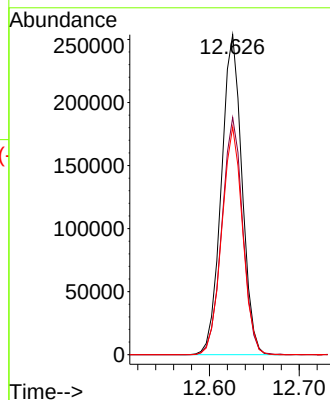
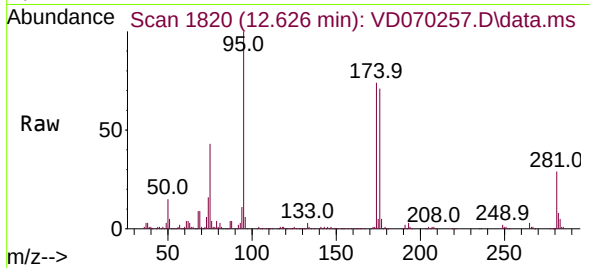




#62
4-Bromofluorobenzene
Concen: 53.075 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

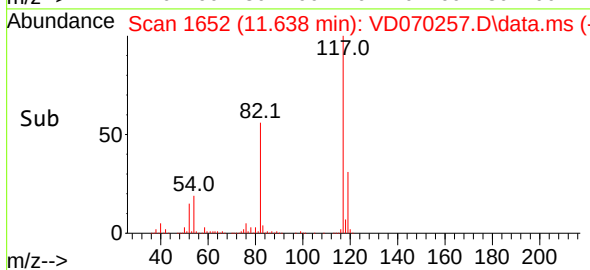
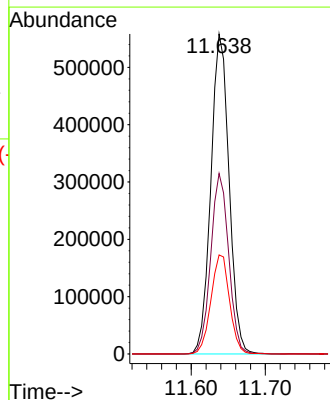
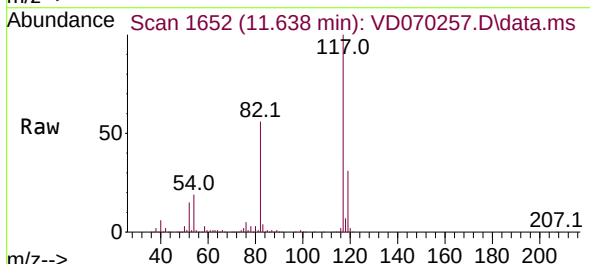
Instrument :
MSVOA_D
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VNJ-210

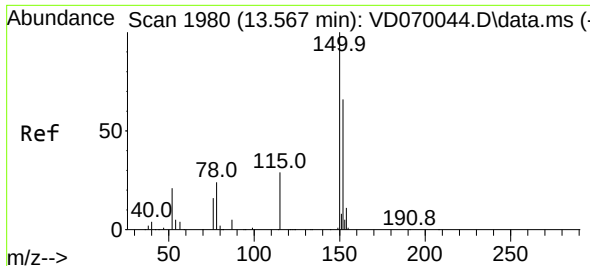
Tgt Ion: 95 Resp: 404687
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.6
176 71.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion: 117 Resp: 951025
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 30.9 25.1 37.7

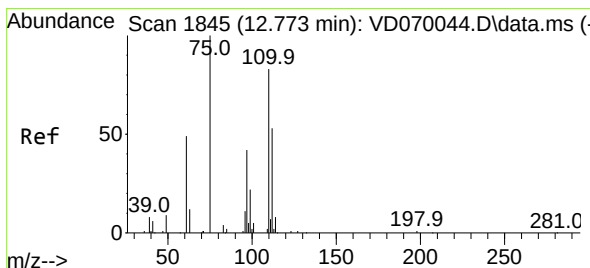
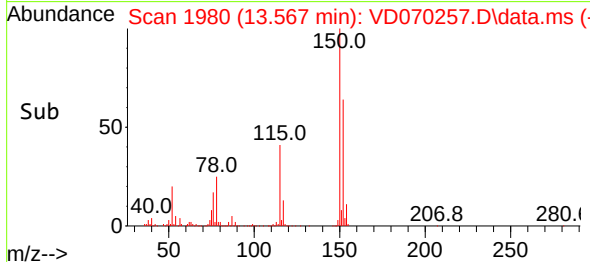
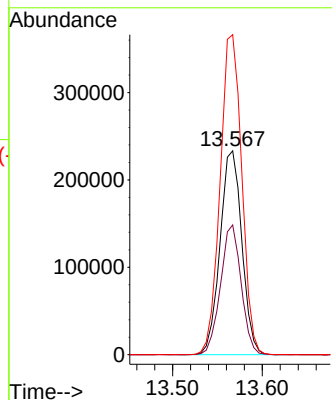
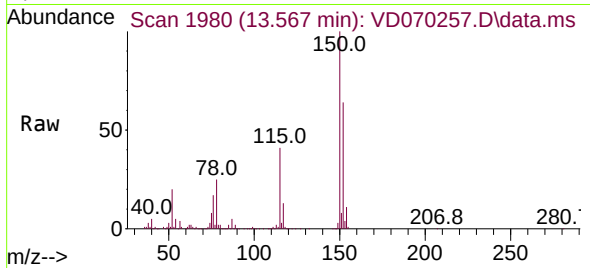




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

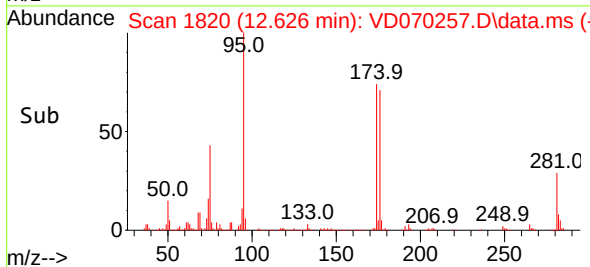
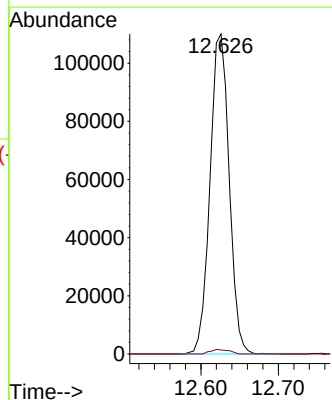
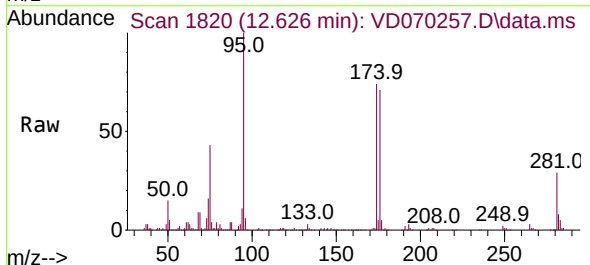
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

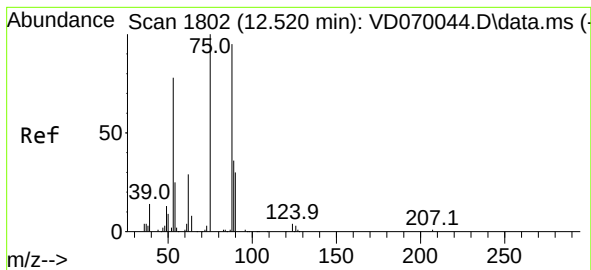
Tgt Ion:152 Resp: 393861
Ion Ratio Lower Upper
152 100
115 60.2 31.2 93.6
150 155.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.280 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

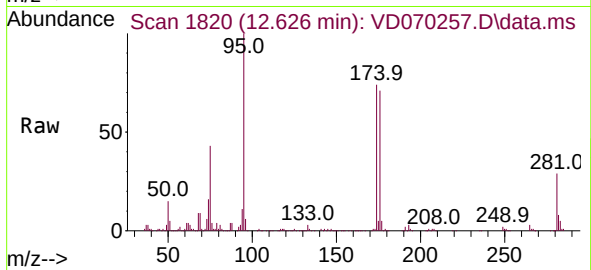
Tgt Ion: 75 Resp: 188850
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.721 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070257.D
 Acq: 25 Aug 2021 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-210



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

