

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069162.D
 Acq On : 13 May 2021 17:32
 Operator : VA/SY
 Sample : M2372-09
 Misc : 4.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26516

Quant Time: May 14 01:23:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	237402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	466741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	479923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	219805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	156117	65.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.20%
35) Dibromofluoromethane	7.914	113	157415	51.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.66%
50) Toluene-d8	10.337	98	618442	55.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.82%
62) 4-Bromofluorobenzene	12.625	95	217941	60.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.38%

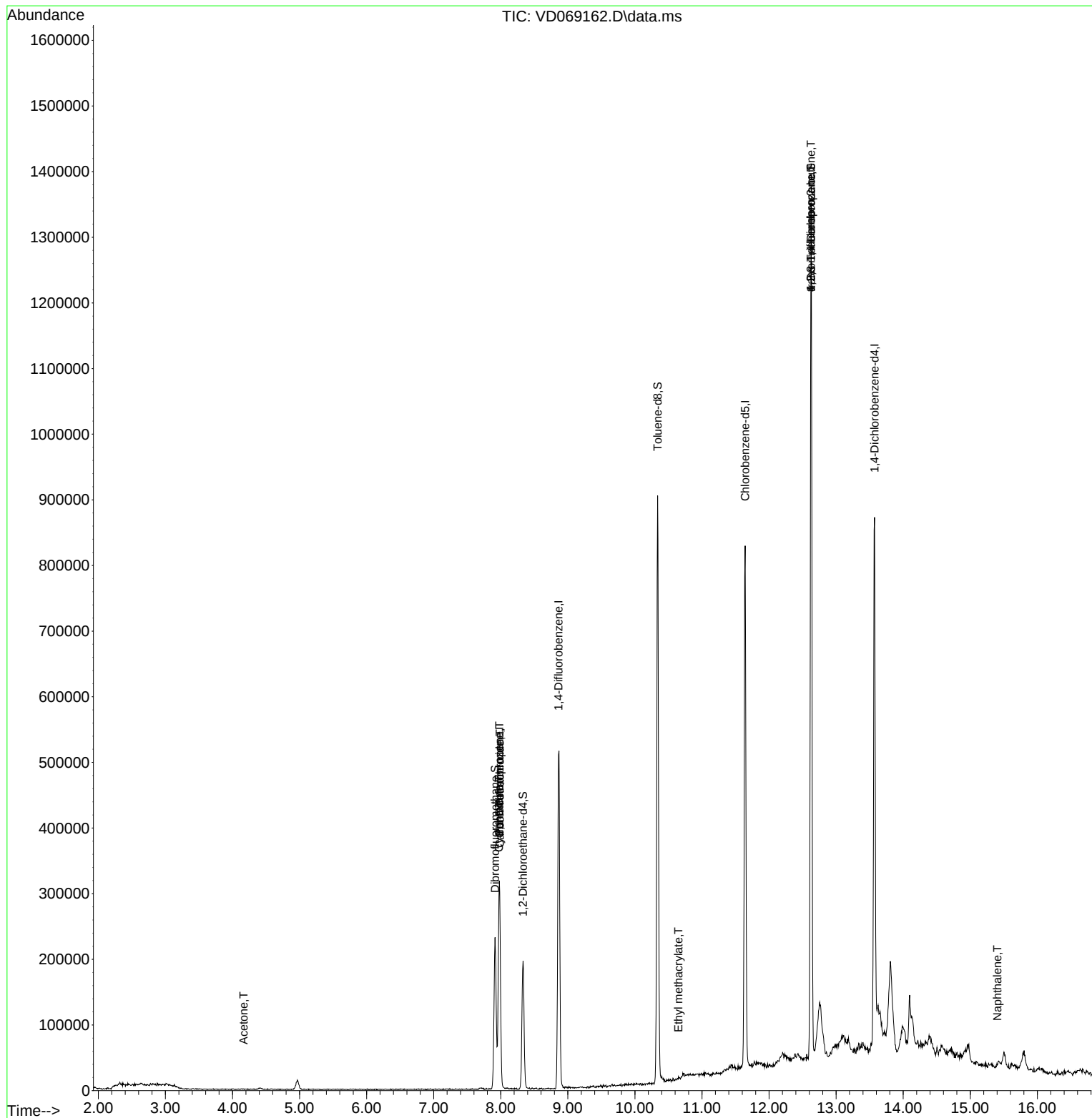
Target Compounds					Qvalue
11) Tert butyl alcohol	5.214	59	55	Below Cal	# 73
16) Acetone	4.167	43	510	1.40 ug/l	# 41
20) Methylene Chloride	4.955	84	11049	Below Cal	# 91
31) Cyclohexane	7.973	56	5441	1.54 ug/l	# 60
36) 1,1-Dichloropropene	7.979	75	18929	4.17 ug/l	# 48
38) Carbon Tetrachloride	7.985	117	24488	4.83 ug/l	# 15
56) Ethyl methacrylate	10.649	69	261	1.41 ug/l	# 1
76) 1,2,3-Trichloropropane	12.625	75	113649	68.78 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.625	75	113649	138.94 ug/l	# 16
95) Naphthalene	15.402	128	357	2.09 ug/l	# 1

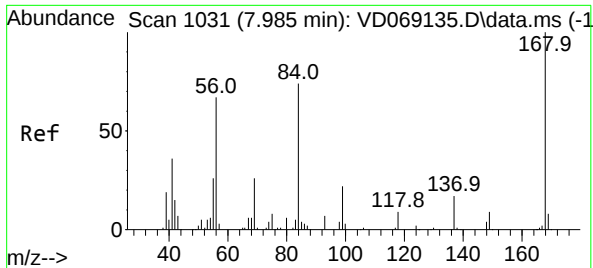
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 14 01:23:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

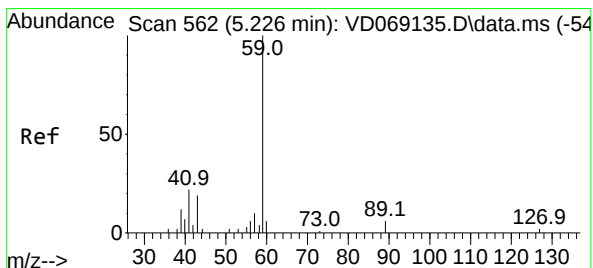
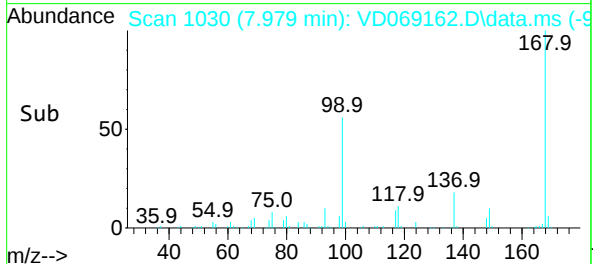
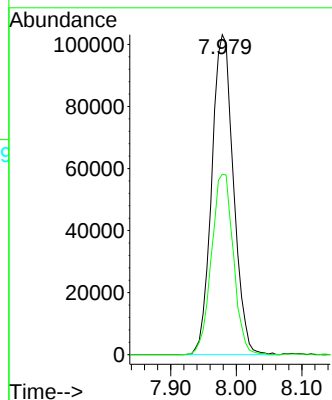
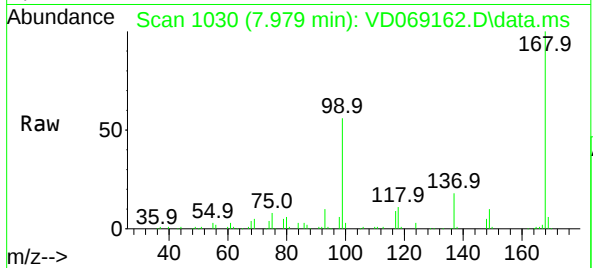




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

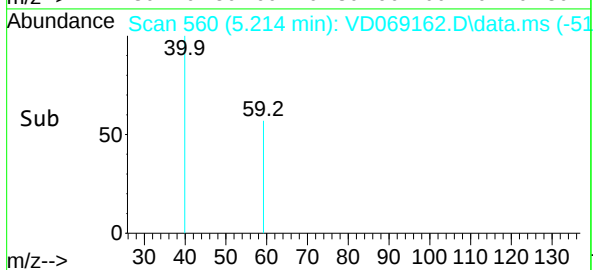
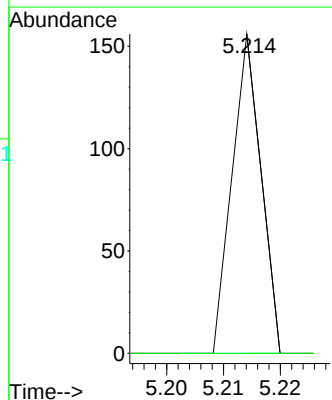
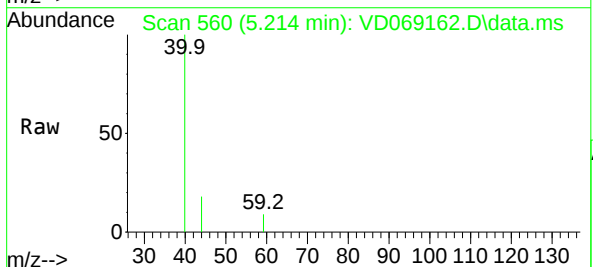
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26516

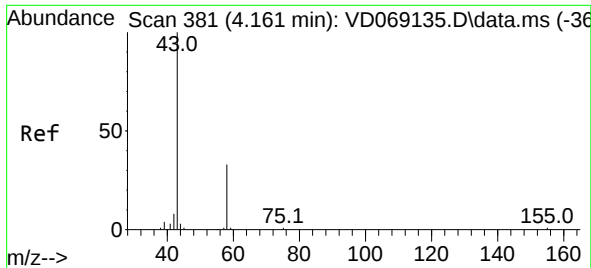
Tgt Ion:168 Resp: 237402
Ion Ratio Lower Upper
168 100
99 56.4 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

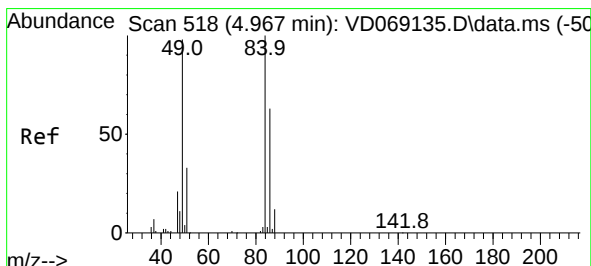
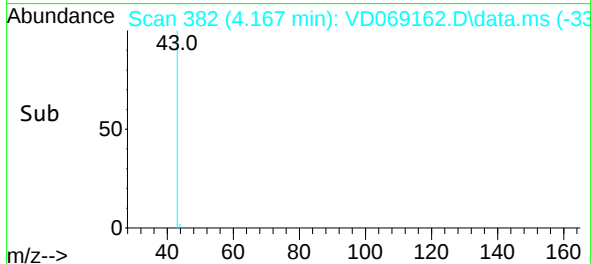
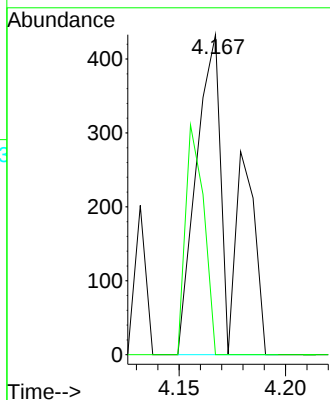
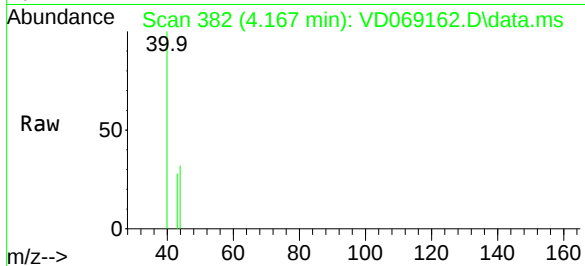




#16
Acetone
Concen: 1.40 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

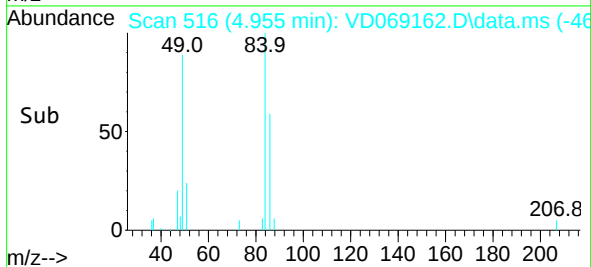
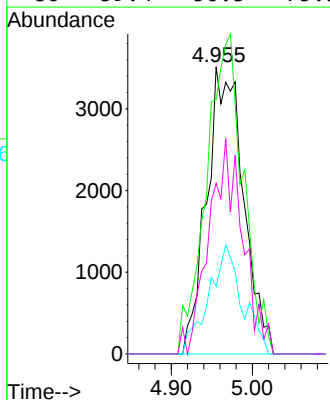
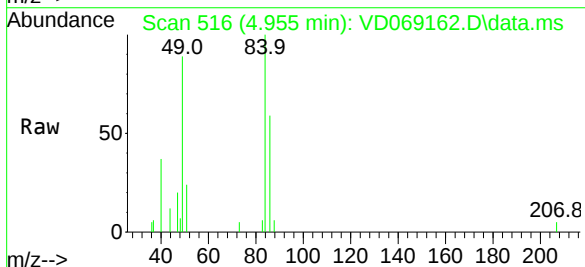
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26516

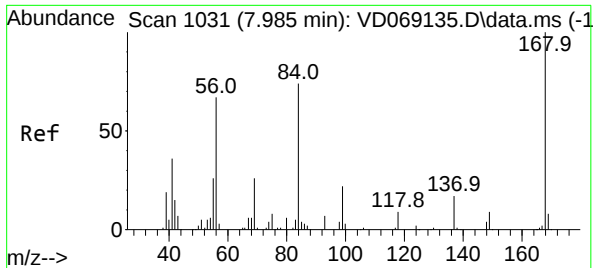
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion: 84 Resp: 11049
Ion Ratio Lower Upper
84 100
49 88.6 78.6 117.8
51 23.6 26.7 40.1#
86 59.4 50.3 75.5

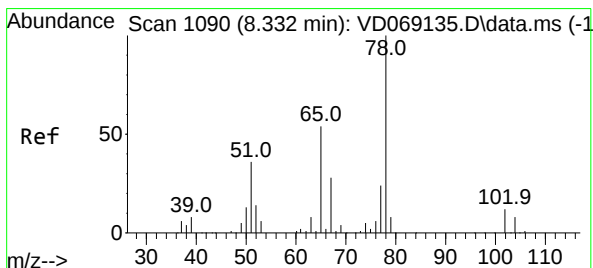
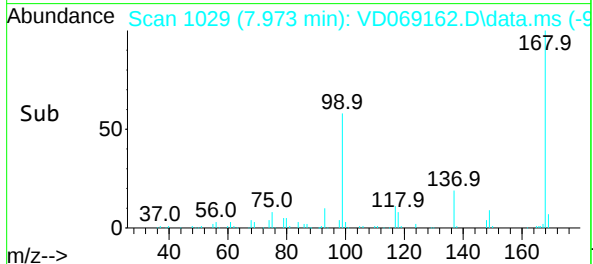
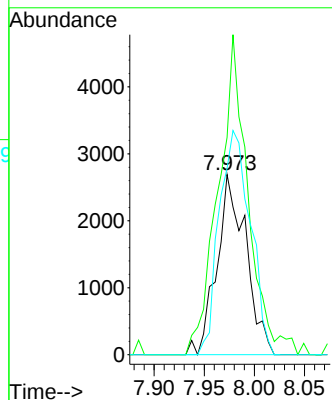
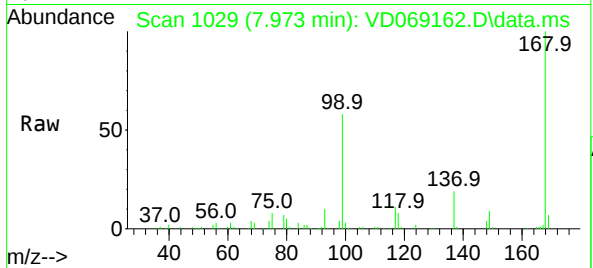




#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

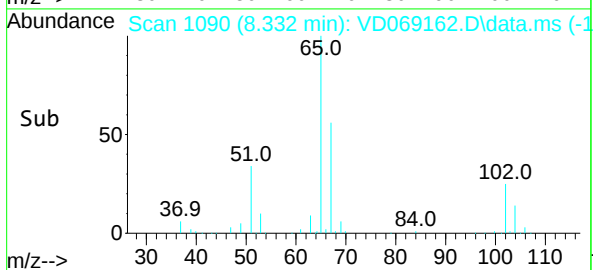
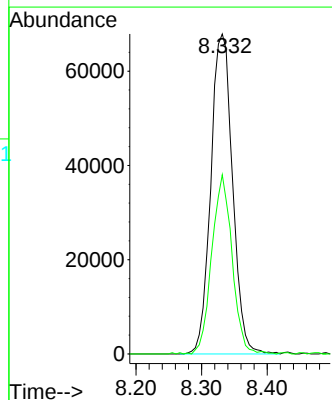
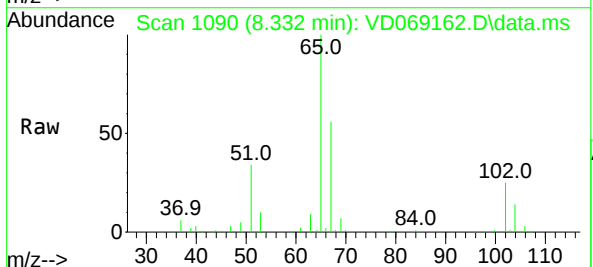
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26516

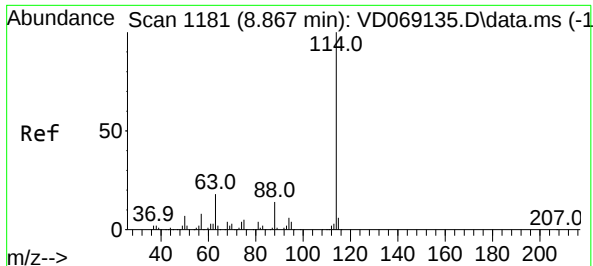
Tgt Ion: 56 Resp: 5441
Ion Ratio Lower Upper
56 100
69 120.5 30.6 46.0#
84 103.5 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 65.60 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion: 65 Resp: 156117
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD069162.D

Acq: 13 May 2021 17:32

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26516

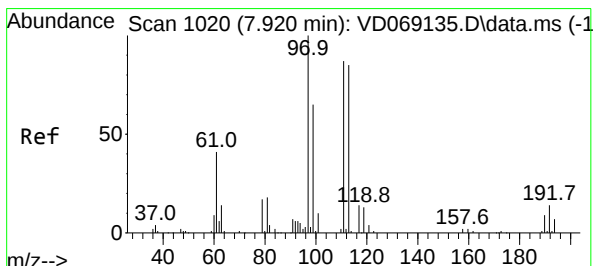
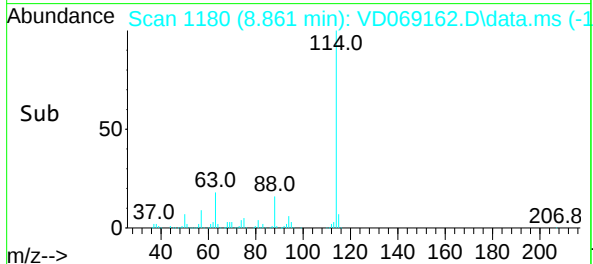
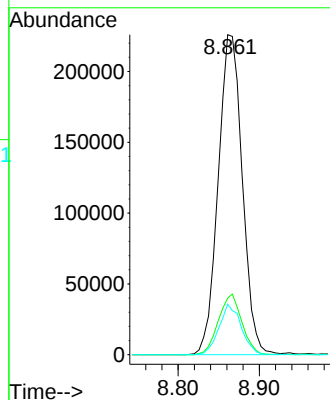
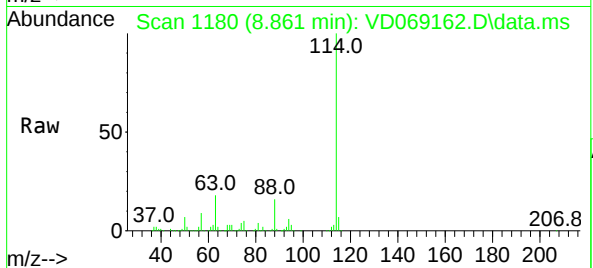
Tgt Ion:114 Resp: 466741

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 15.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.83 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069162.D

Acq: 13 May 2021 17:32

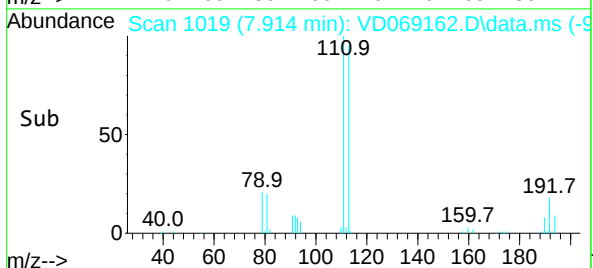
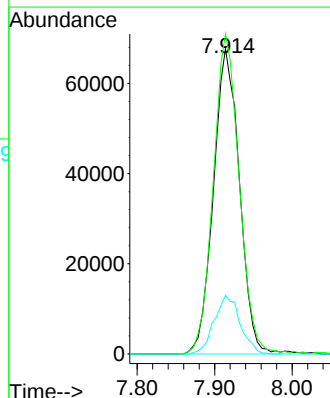
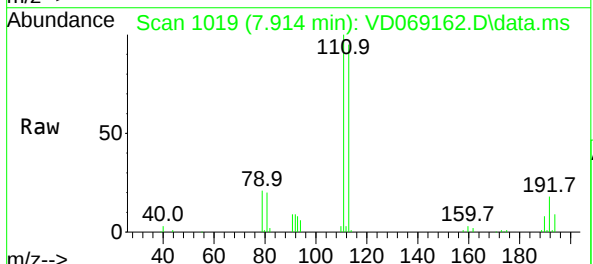
Tgt Ion:113 Resp: 157415

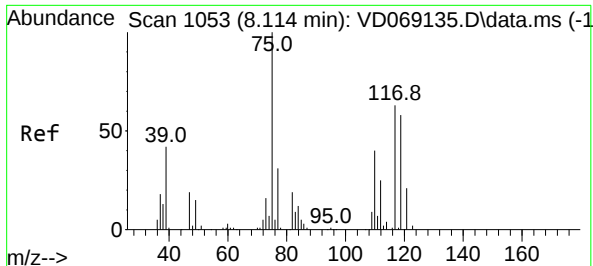
Ion Ratio Lower Upper

113 100

111 104.6 80.6 120.8

192 19.2 14.8 22.2

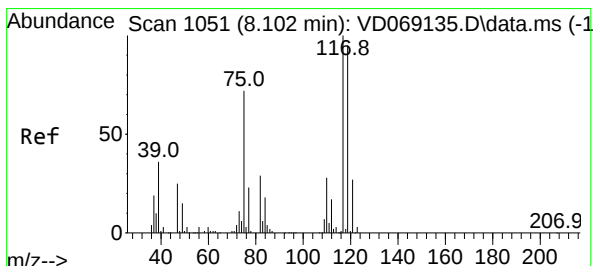
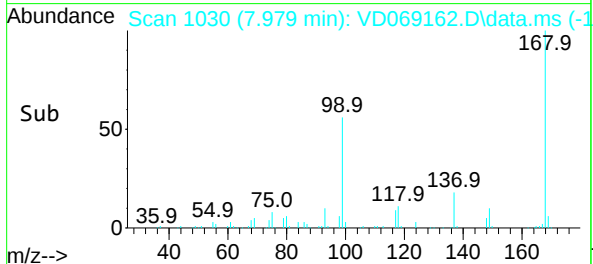
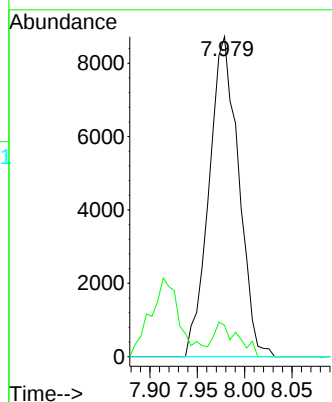
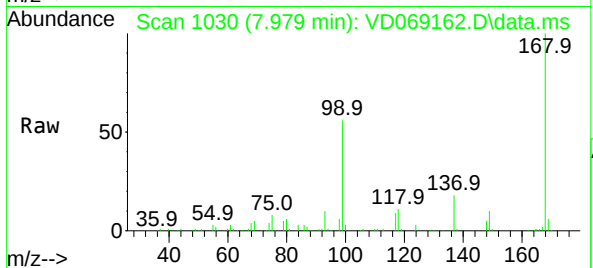




#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

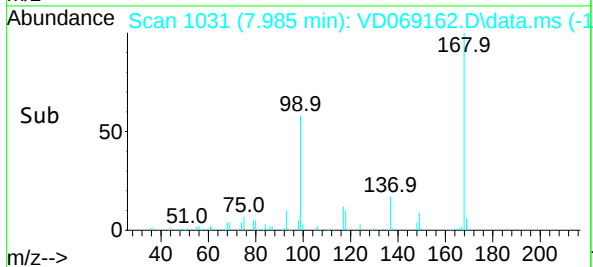
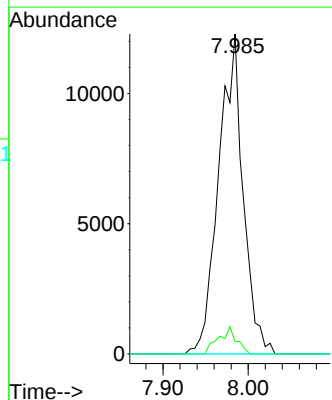
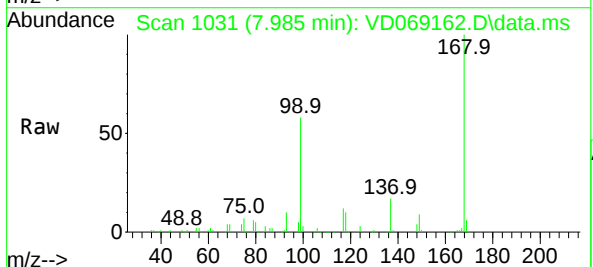
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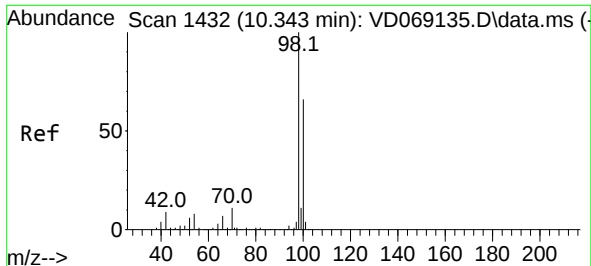
Tgt Ion: 75 Resp: 18929
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.83 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion: 117 Resp: 24488
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 21.9 32.9#

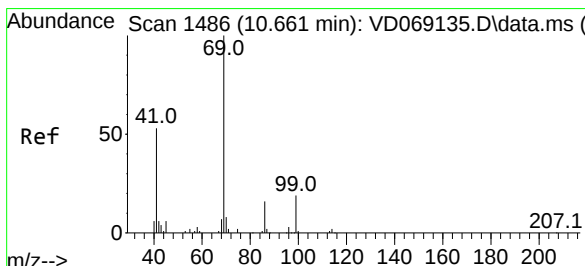
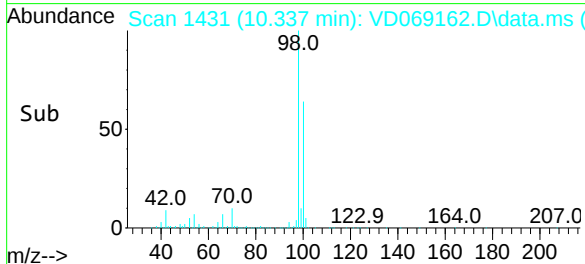
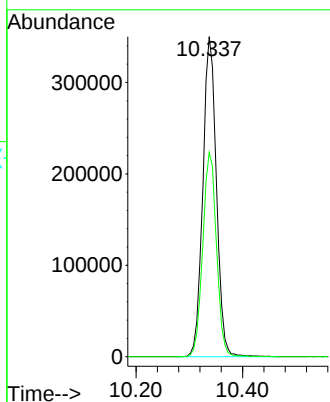
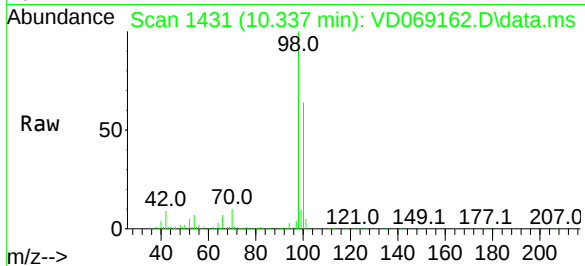




#50
Toluene-d8
Concen: 55.41 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

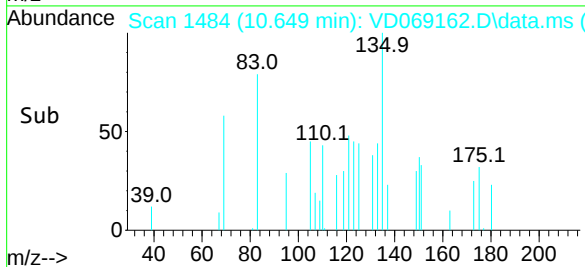
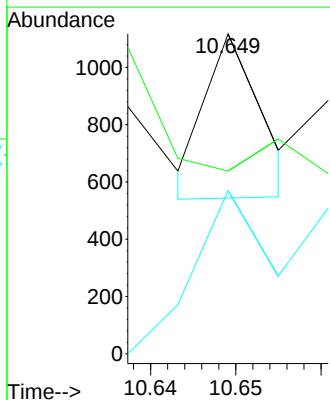
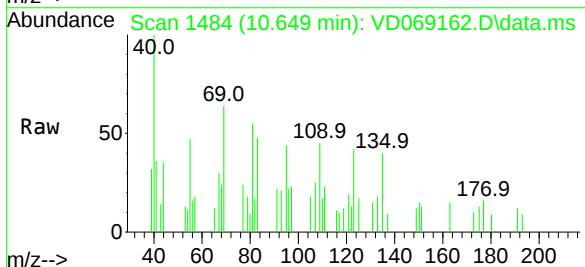
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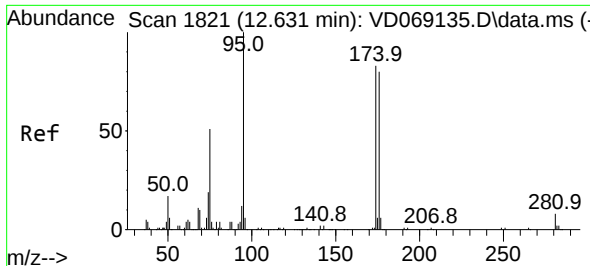
Tgt Ion: 98 Resp: 618442
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.41 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion: 69 Resp: 261
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 136.8 26.3 39.5#

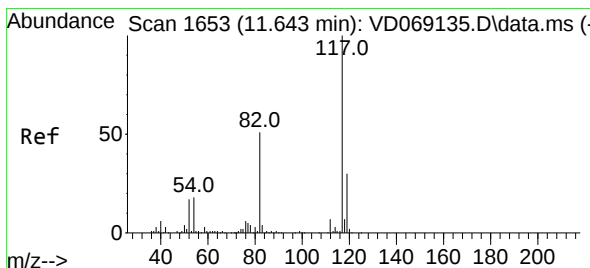
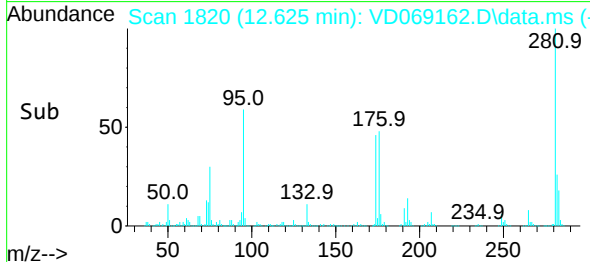
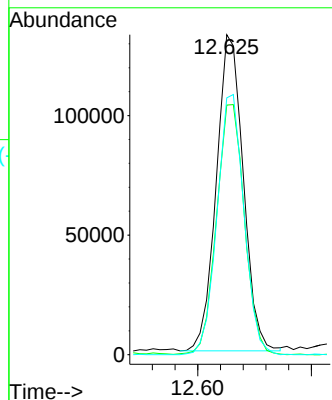
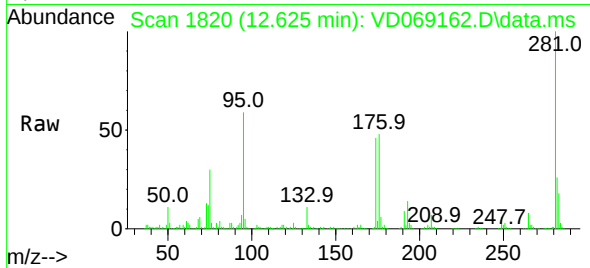




#62
4-Bromofluorobenzene
Concen: 60.69 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

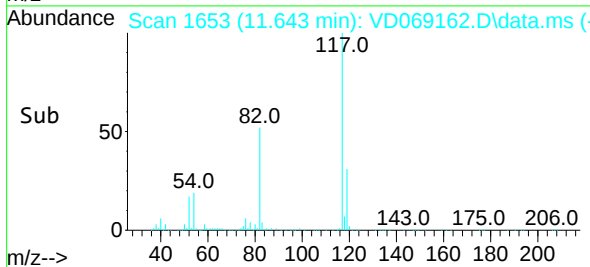
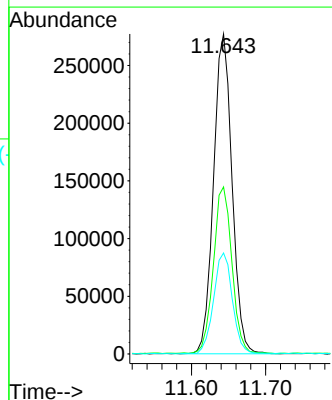
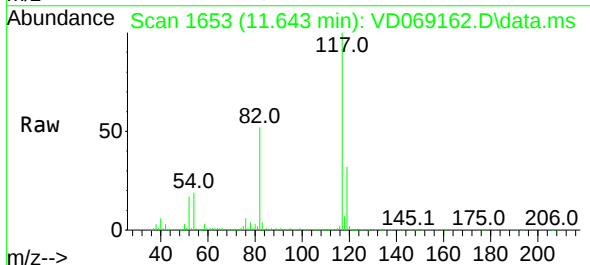
Instrument :
MSVOA_D
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CHRT-26516

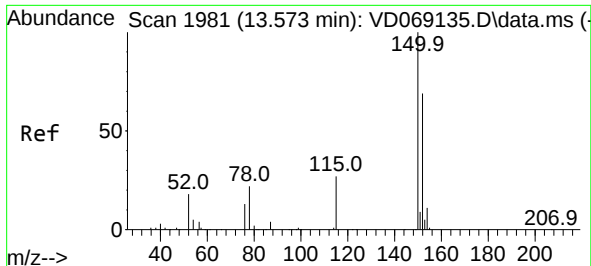
Tgt Ion: 95 Resp: 217941
Ion Ratio Lower Upper
95 100
174 81.8 0.0 171.8
176 82.0 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion:117 Resp: 479923
Ion Ratio Lower Upper
117 100
82 52.1 40.5 60.7
119 31.5 24.2 36.4

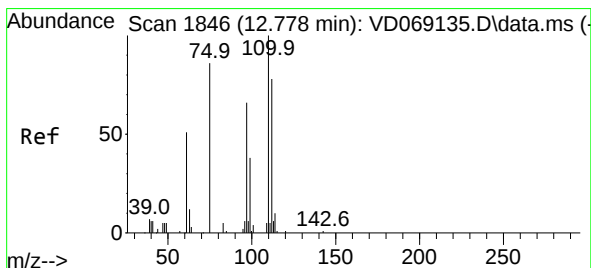
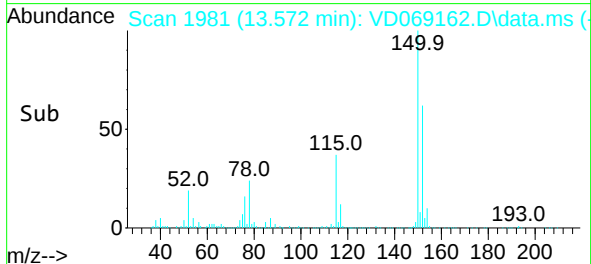
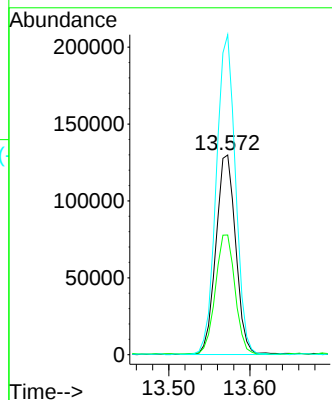
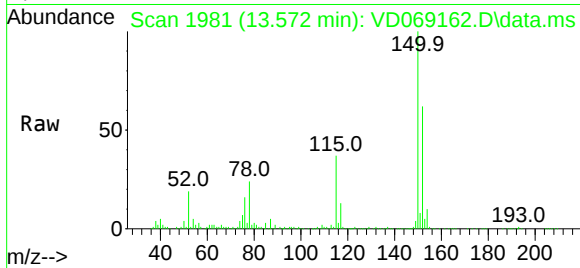




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

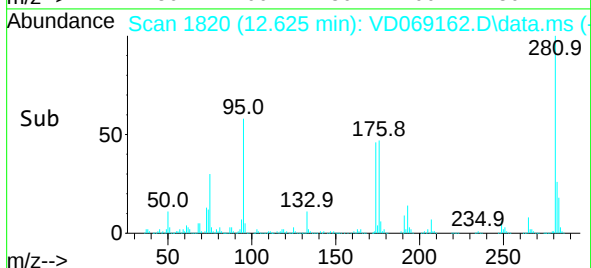
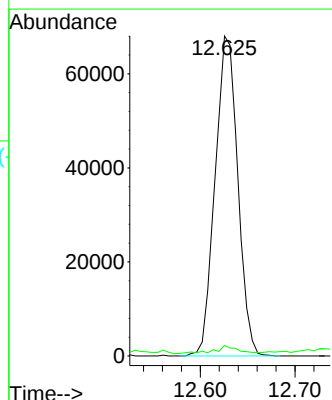
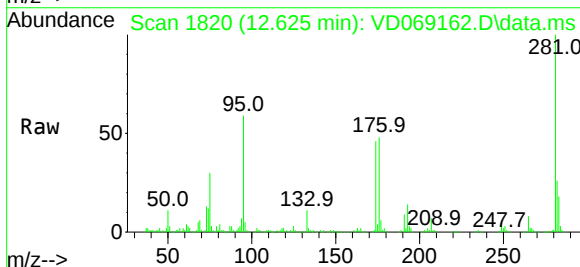
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26516

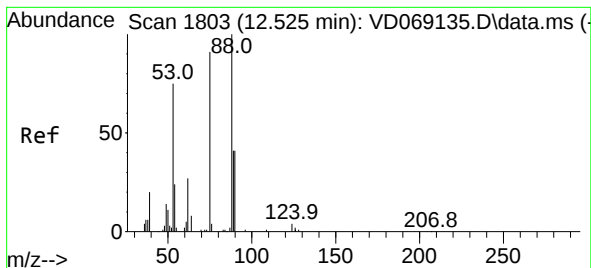
Tgt Ion:152 Resp: 219805
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.8
150 156.0 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 68.78 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion: 75 Resp: 113649
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#

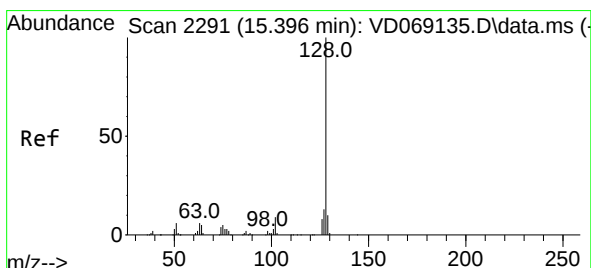
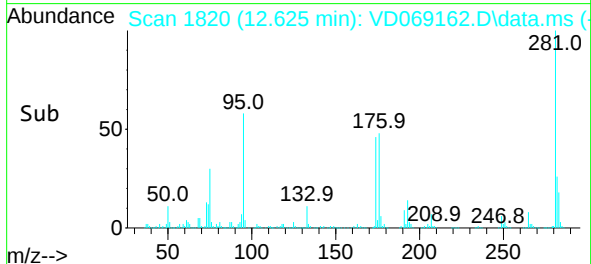
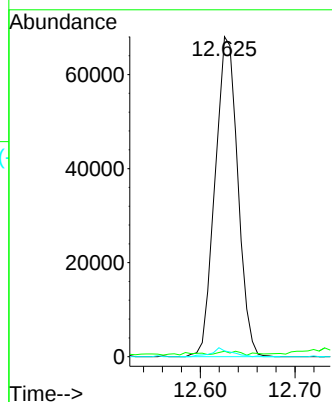
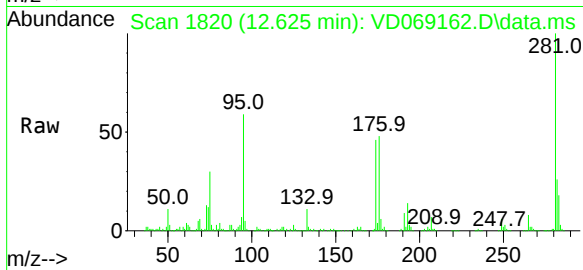




#81
trans-1,4-Dichloro-2-butene
Concen: 138.94 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26516

Tgt Ion: 75 Resp: 113649
Ion Ratio Lower Upper
75 100
53 1.1 70.0 105.0#
89 2.4 40.2 60.2#



#95
Naphthalene
Concen: 2.09 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069162.D
Acq: 13 May 2021 17:32

Tgt Ion:128 Resp: 357
Ion Ratio Lower Upper
128 100
127 57.1 10.5 15.7#
129 204.8 8.9 13.3#

