

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069207.D
 Acq On : 19 May 2021 20:17
 Operator : VA/SY
 Sample : M2457-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:04:14 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)

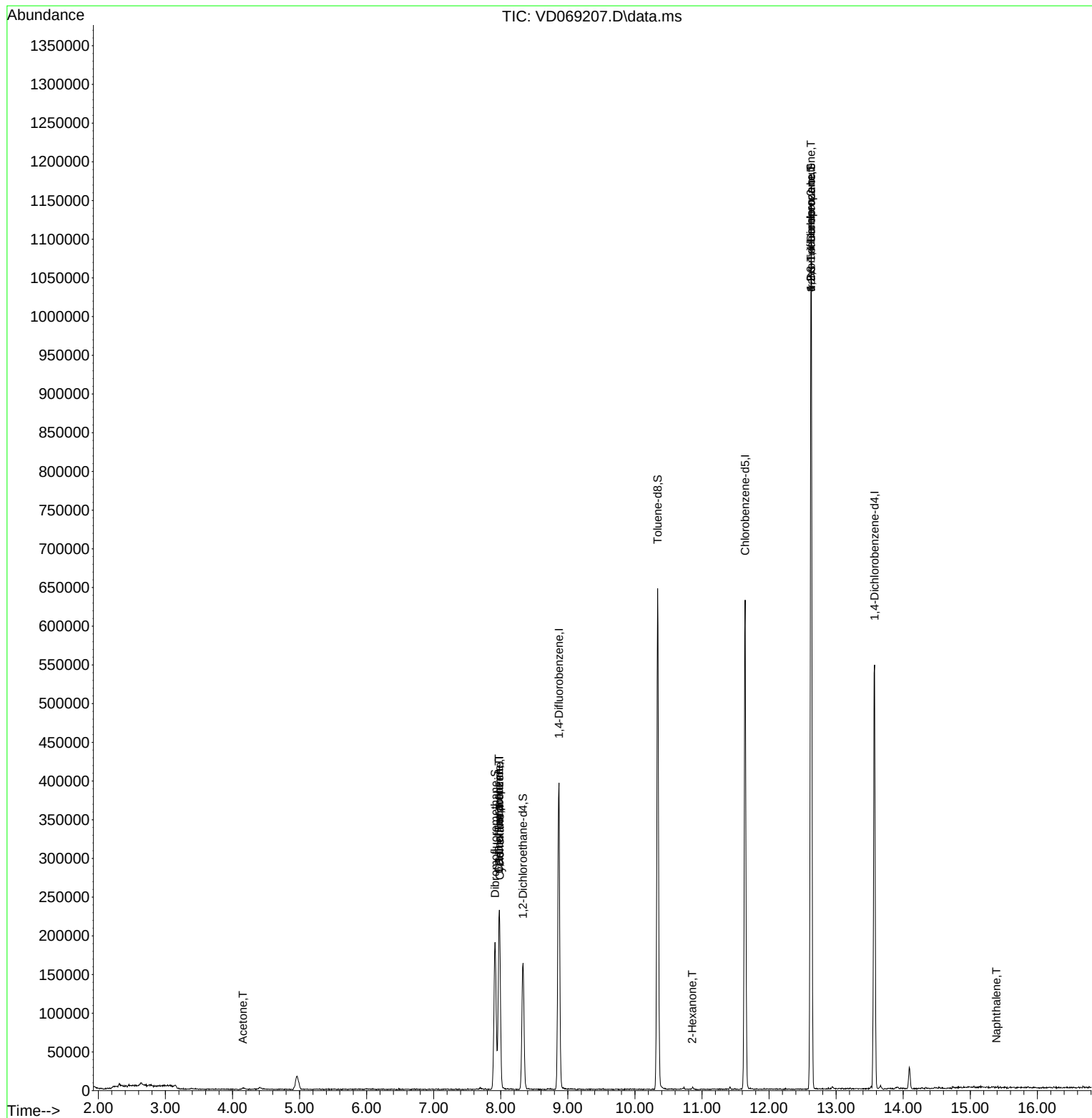
Internal Standards						
1) Pentafluorobenzene	7.979	168	167129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	339080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	363178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	153228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129847	77.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.00%			
35) Dibromofluoromethane	7.914	113	134936	61.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.30%			
50) Toluene-d8	10.337	98	442177	54.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.08%			
62) 4-Bromofluorobenzene	12.626	95	155792	59.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.42%			
Target Compounds						
11) Tert butyl alcohol	5.220	59	92	Below Cal	#	73
16) Acetone	4.155	43	2637	10.28	ug/l	95
20) Methylene Chloride	4.955	84	13925	Below Cal	#	89
31) Cyclohexane	7.985	56	4199	1.69	ug/l	# 54
36) 1,1-Dichloropropene	7.973	75	14173	4.30	ug/l	# 44
38) Carbon Tetrachloride	7.973	117	17446	4.73	ug/l	# 15
59) 2-Hexanone	10.855	43	746	1.13	ug/l	# 19
76) 1,2,3-Trichloropropane	12.626	75	86117	74.77	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	86117	151.02	ug/l	# 15
95) Naphthalene	15.390	128	169	2.08	ug/l	# 69

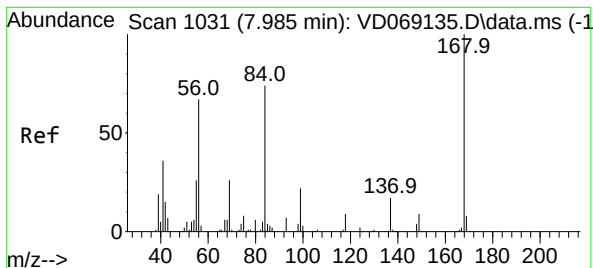
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 01:04:14 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

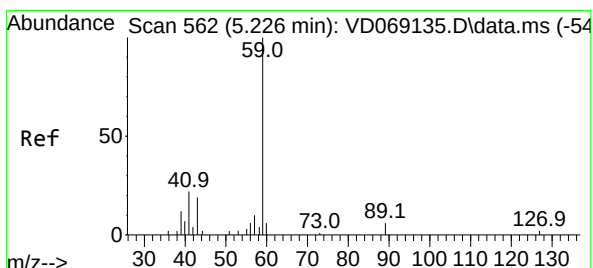
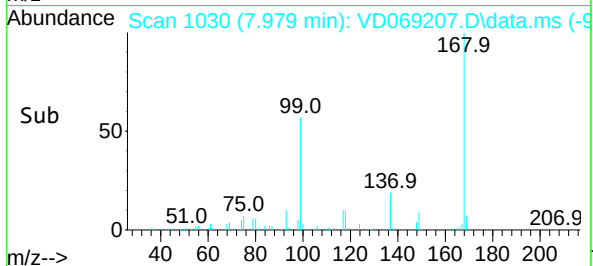
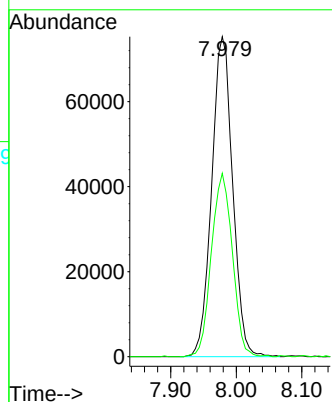
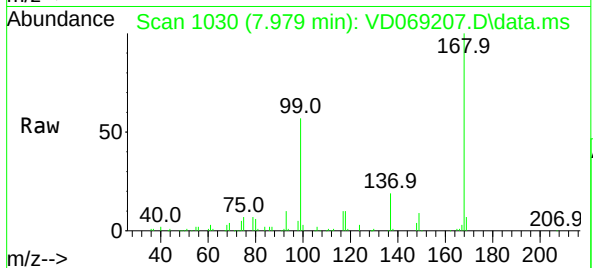




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

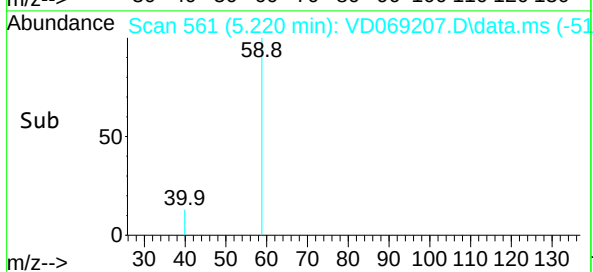
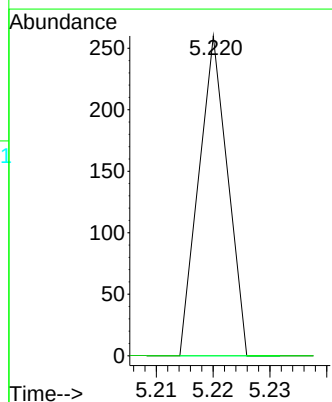
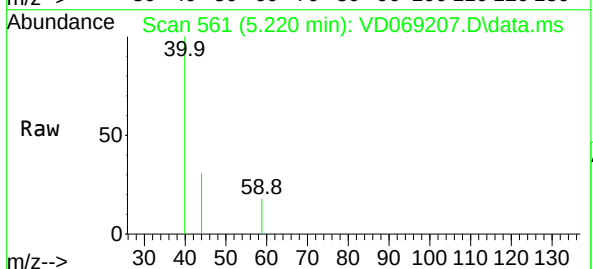
Instrument :
MSVOA_D
ClientSampleId :

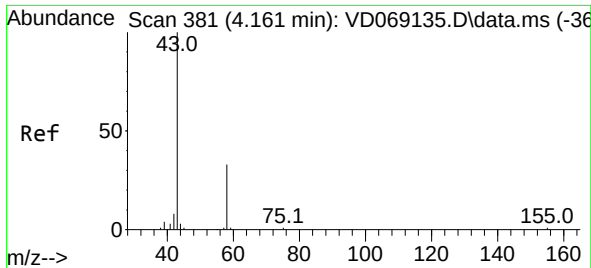
Tgt Ion:168 Resp: 167129
Ion Ratio Lower Upper
168 100
99 57.3 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion: 59 Resp: 92
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

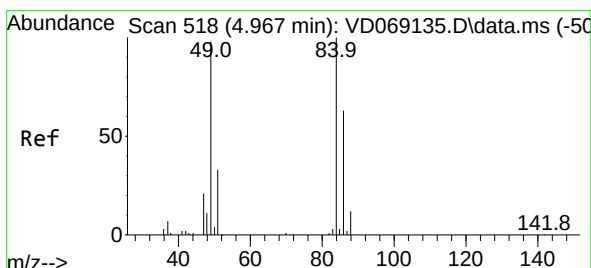
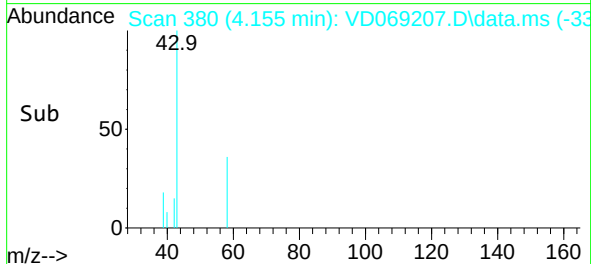
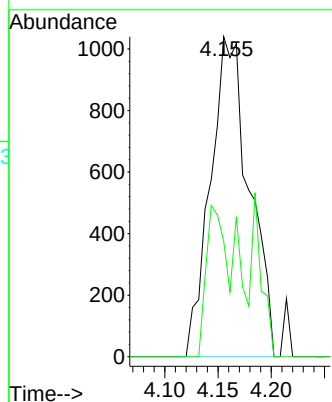
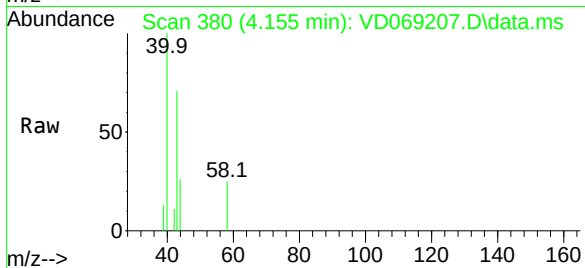




#16
Acetone
Concen: 10.28 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

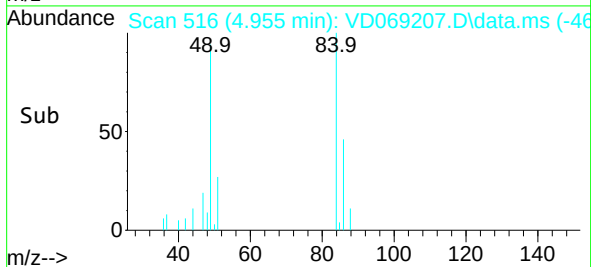
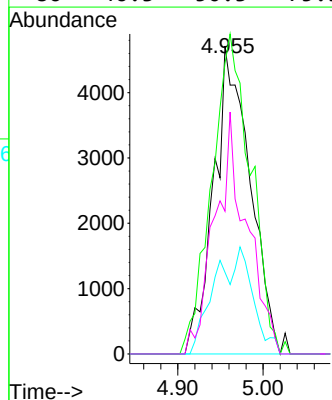
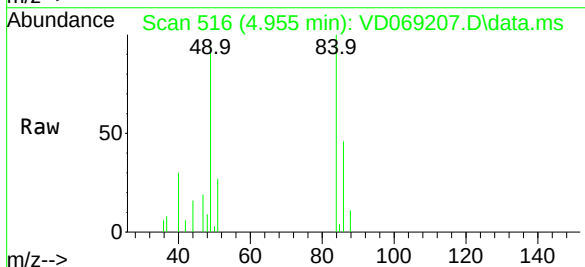
Instrument :
MSVOA_D
ClientSampled :

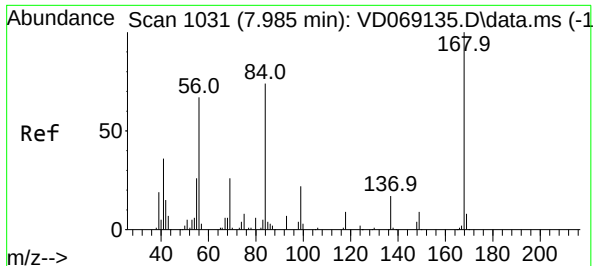
Tgt Ion: 43 Resp: 2637
Ion Ratio Lower Upper
43 100
58 36.1 26.7 40.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

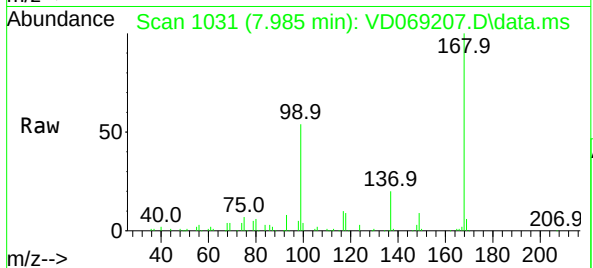
Tgt Ion: 84 Resp: 13925
Ion Ratio Lower Upper
84 100
49 94.4 78.6 117.8
51 26.5 26.7 40.1#
86 46.3 50.3 75.5#



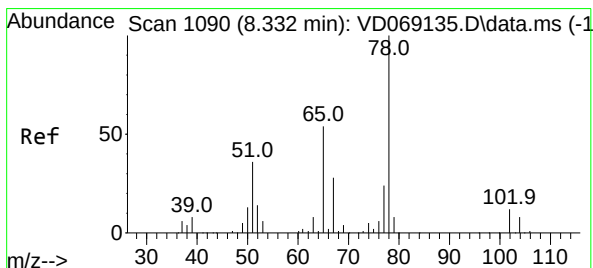
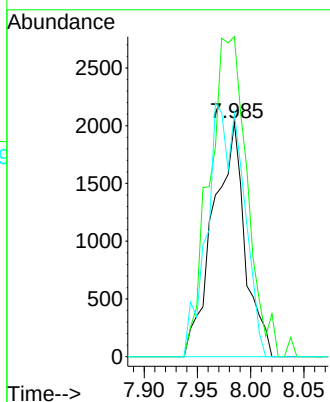
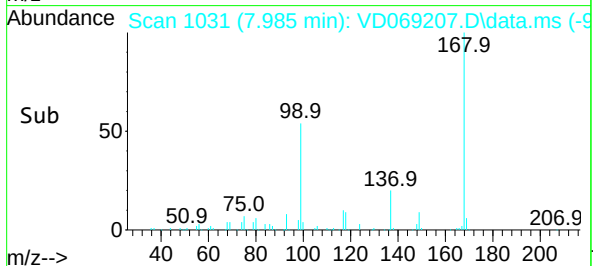


#31
Cyclohexane
Concen: 1.69 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

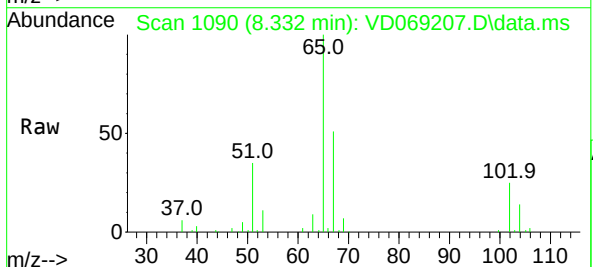
Instrument :
MSVOA_D
ClientSampleId :



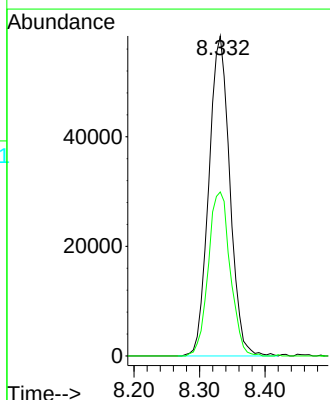
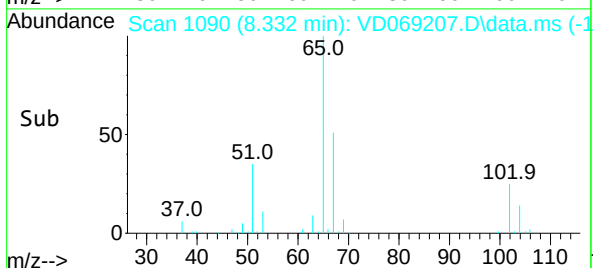
Tgt Ion: 56 Resp: 4199
Ion Ratio Lower Upper
56 100
69 136.6 30.6 46.0#
84 104.0 88.0 132.0

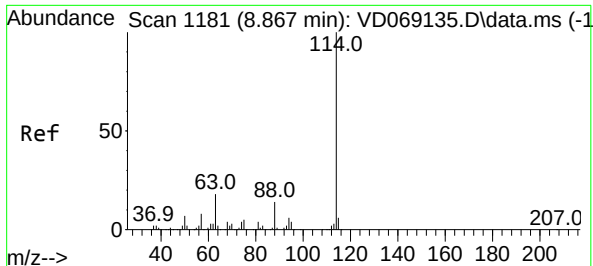


#33
1,2-Dichloroethane-d4
Concen: 77.50 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17



Tgt Ion: 65 Resp: 129847
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069207.D

Acq: 19 May 2021 20:17

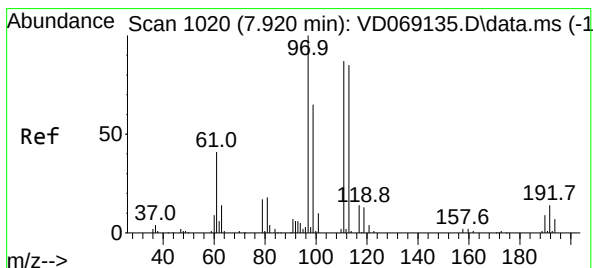
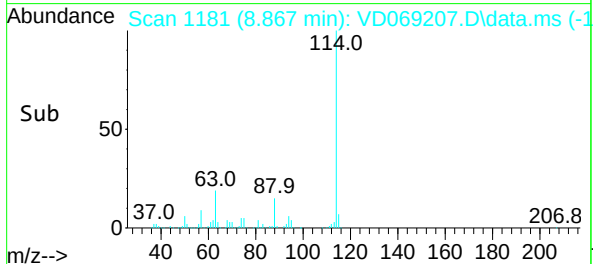
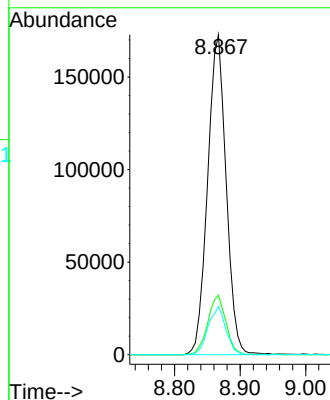
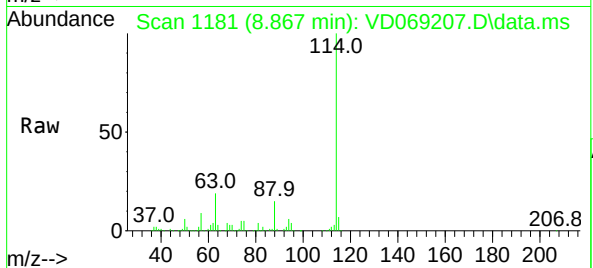
Tgt Ion:114 Resp: 339080

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 61.15 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069207.D

Acq: 19 May 2021 20:17

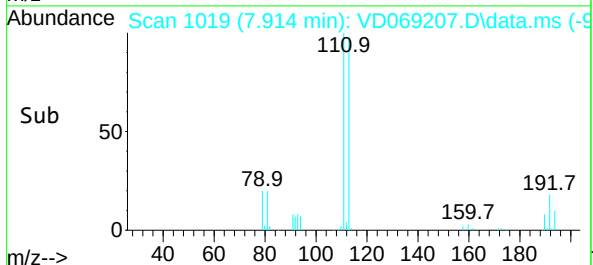
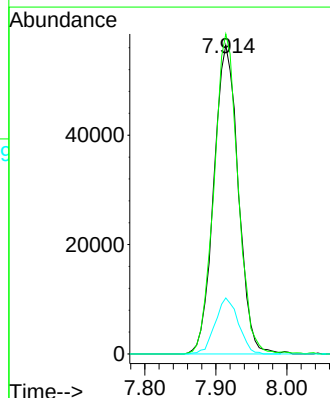
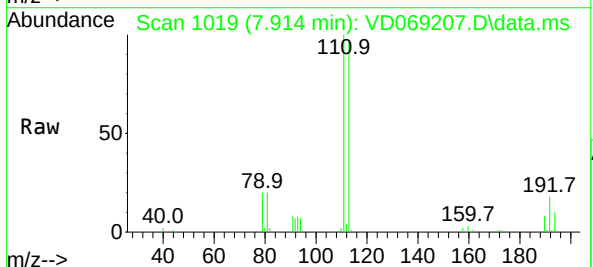
Tgt Ion:113 Resp: 134936

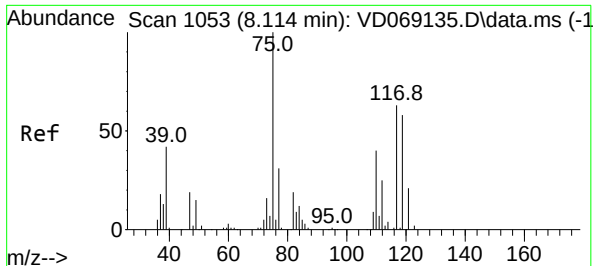
Ion Ratio Lower Upper

113 100

111 101.9 80.6 120.8

192 17.2 14.8 22.2

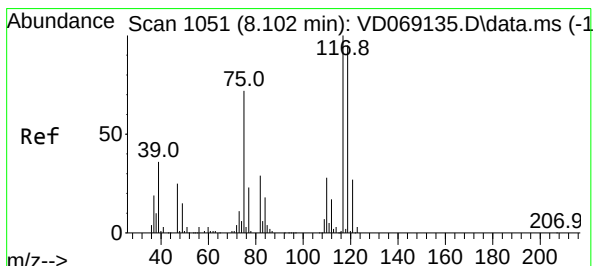
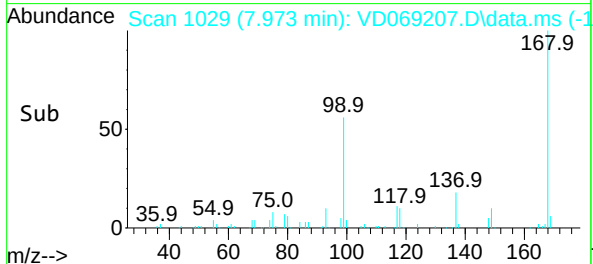
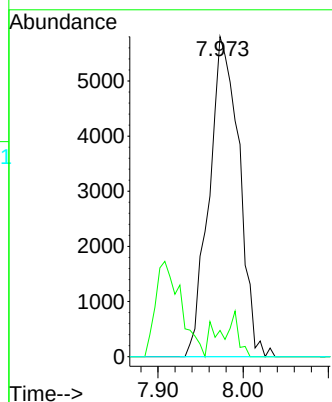
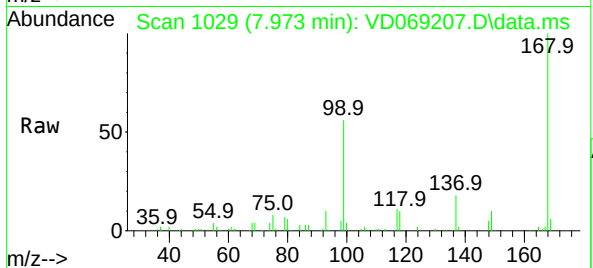




#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

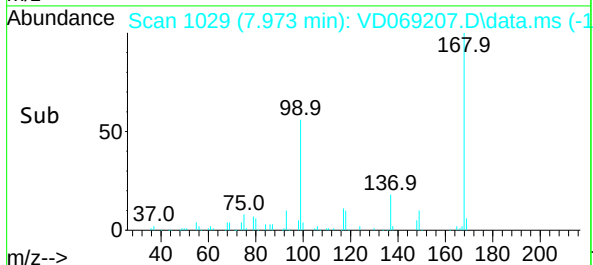
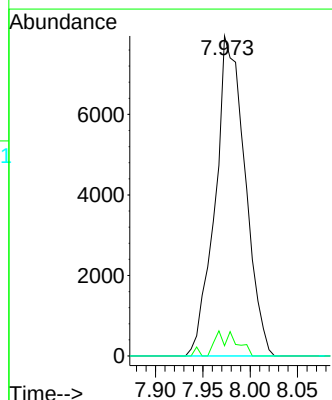
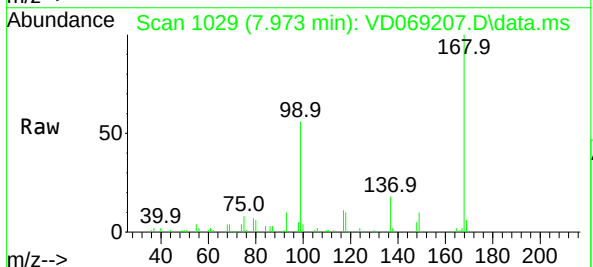
Instrument :
MSVOA_D
ClientSampleId :

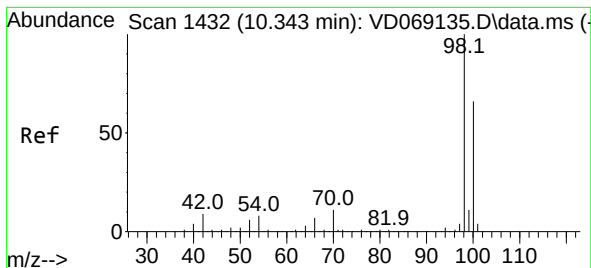
Tgt Ion: 75 Resp: 14173
Ion Ratio Lower Upper
75 100
110 4.4 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.73 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion: 117 Resp: 17446
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 21.9 32.9#

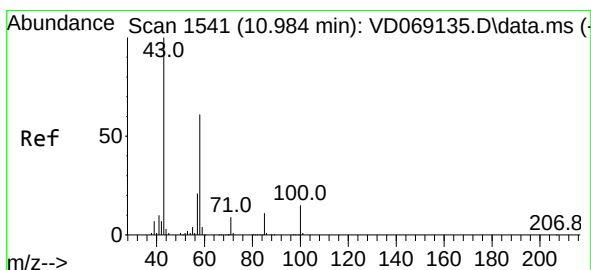
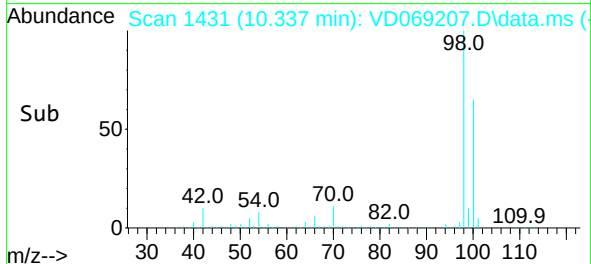
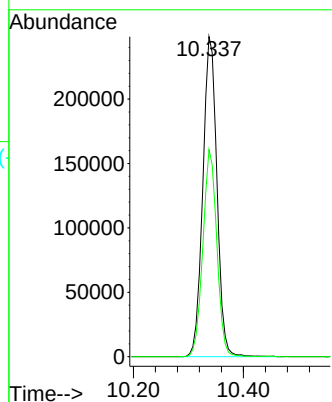
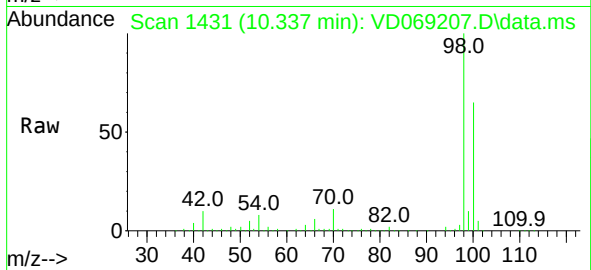




#50
Toluene-d8
Concen: 54.54 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

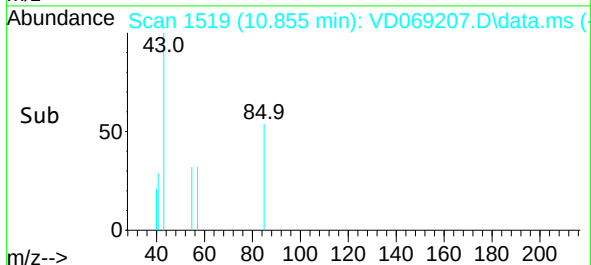
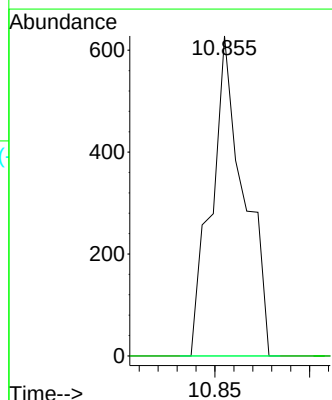
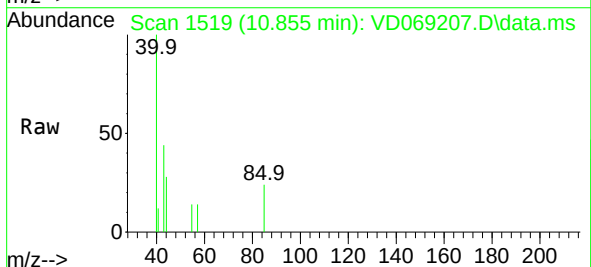
Instrument :
MSVOA_D
ClientSampled :

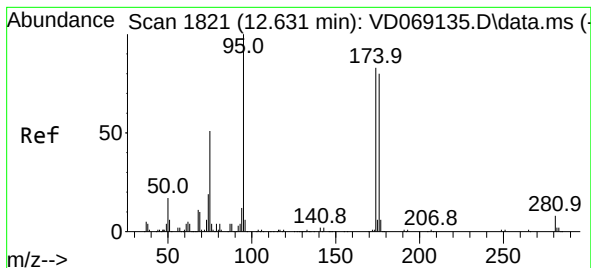
Tgt Ion: 98 Resp: 442177
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



#59
2-Hexanone
Concen: 1.13 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. -0.129 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

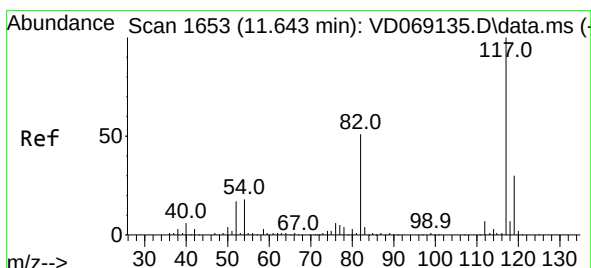
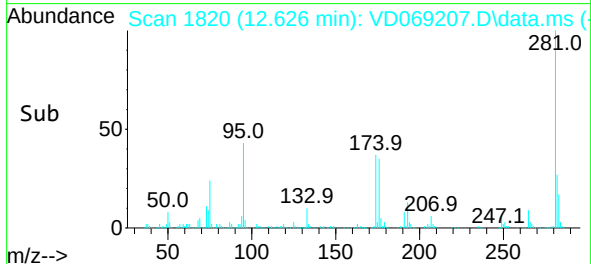
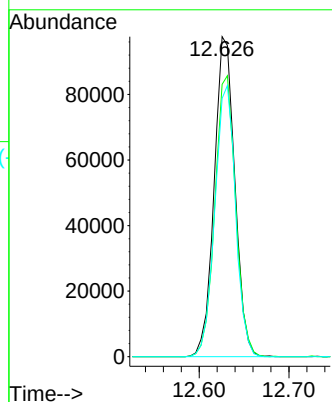
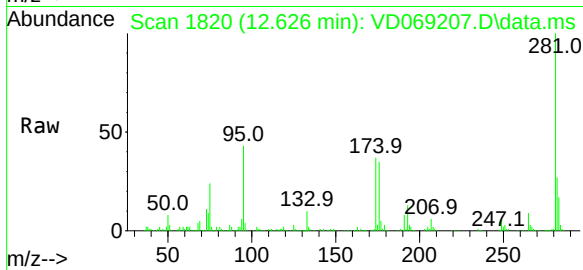




#62
4-Bromofluorobenzene
Concen: 59.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

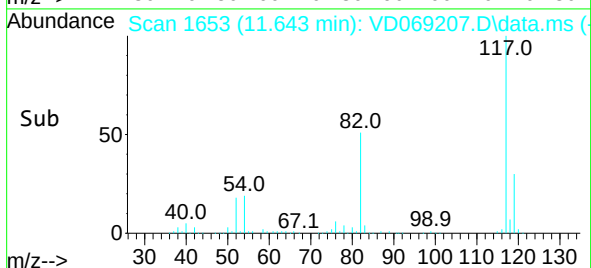
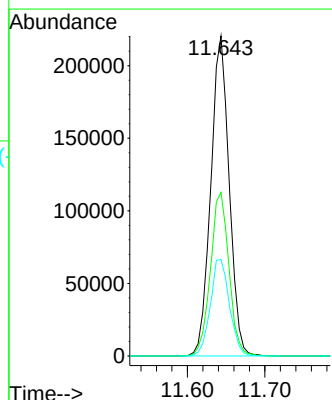
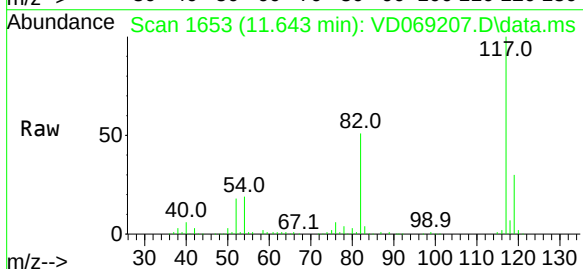
Instrument :
MSVOA_D
ClientSampleId :

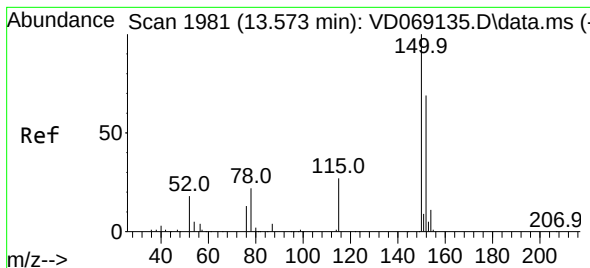
Tgt Ion: 95 Resp: 155792
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.8
176 84.8 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion: 117 Resp: 363178
Ion Ratio Lower Upper
117 100
82 51.1 40.5 60.7
119 30.2 24.2 36.4

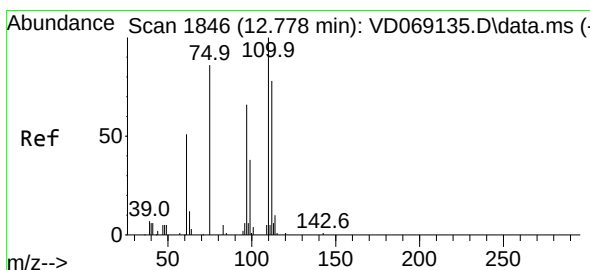
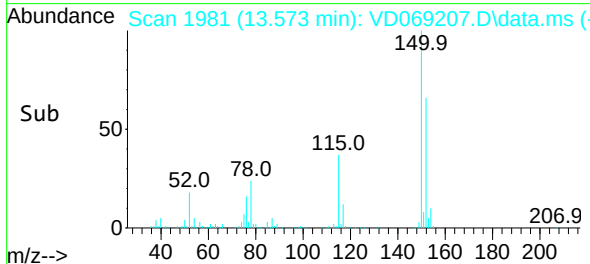
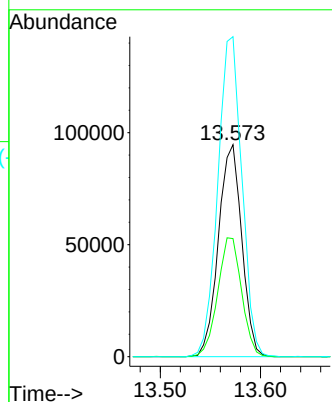
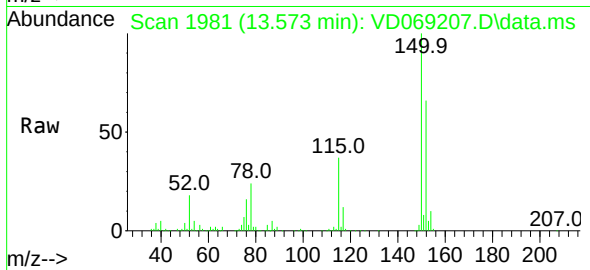




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

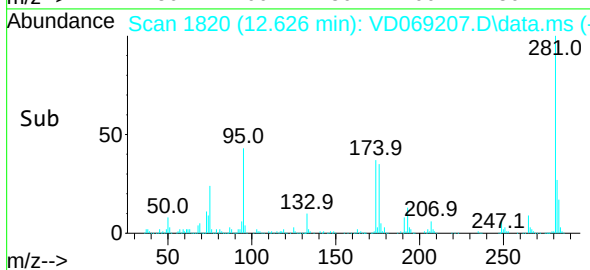
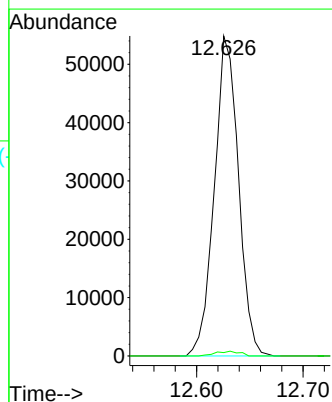
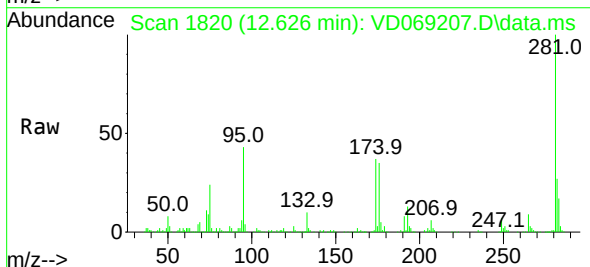
Instrument :
MSVOA_D
ClientSampleId :

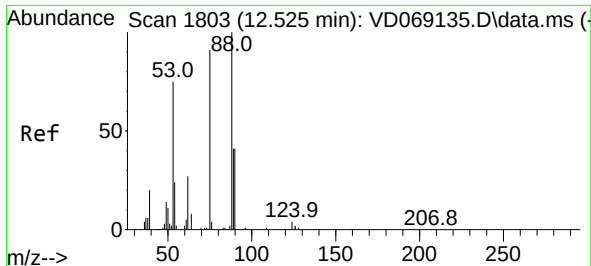
Tgt Ion:152 Resp: 153228
Ion Ratio Lower Upper
152 100
115 57.4 29.9 89.8
150 155.7 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 74.77 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

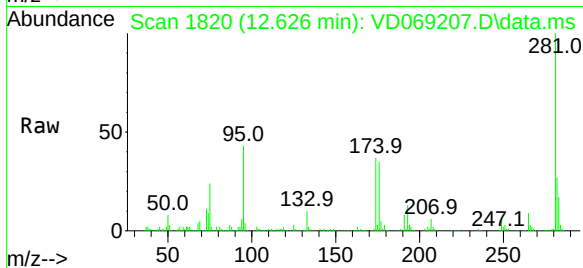
Tgt Ion: 75 Resp: 86117
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



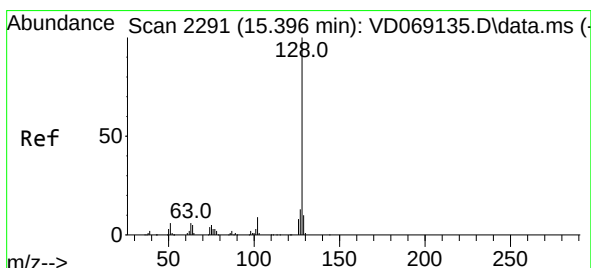
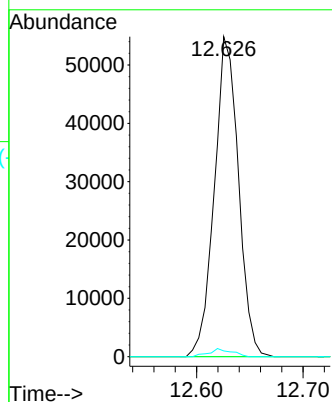
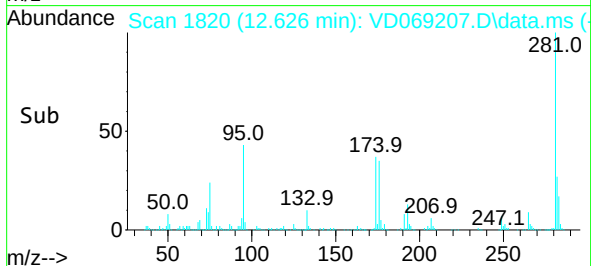


#81
trans-1,4-Dichloro-2-butene
Concen: 151.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

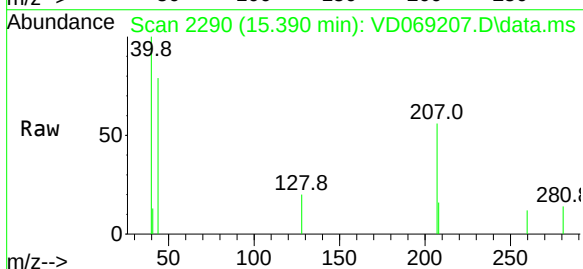
Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 75 Resp: 86117
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 2.4 40.2 60.2#



#95
Naphthalene
Concen: 2.08 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17



Tgt Ion: 128 Resp: 169
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

