

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069194.D
 Acq On : 19 May 2021 14:04
 Operator : VA/SY
 Sample : M2438-01
 Misc : 5.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:00:59 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)

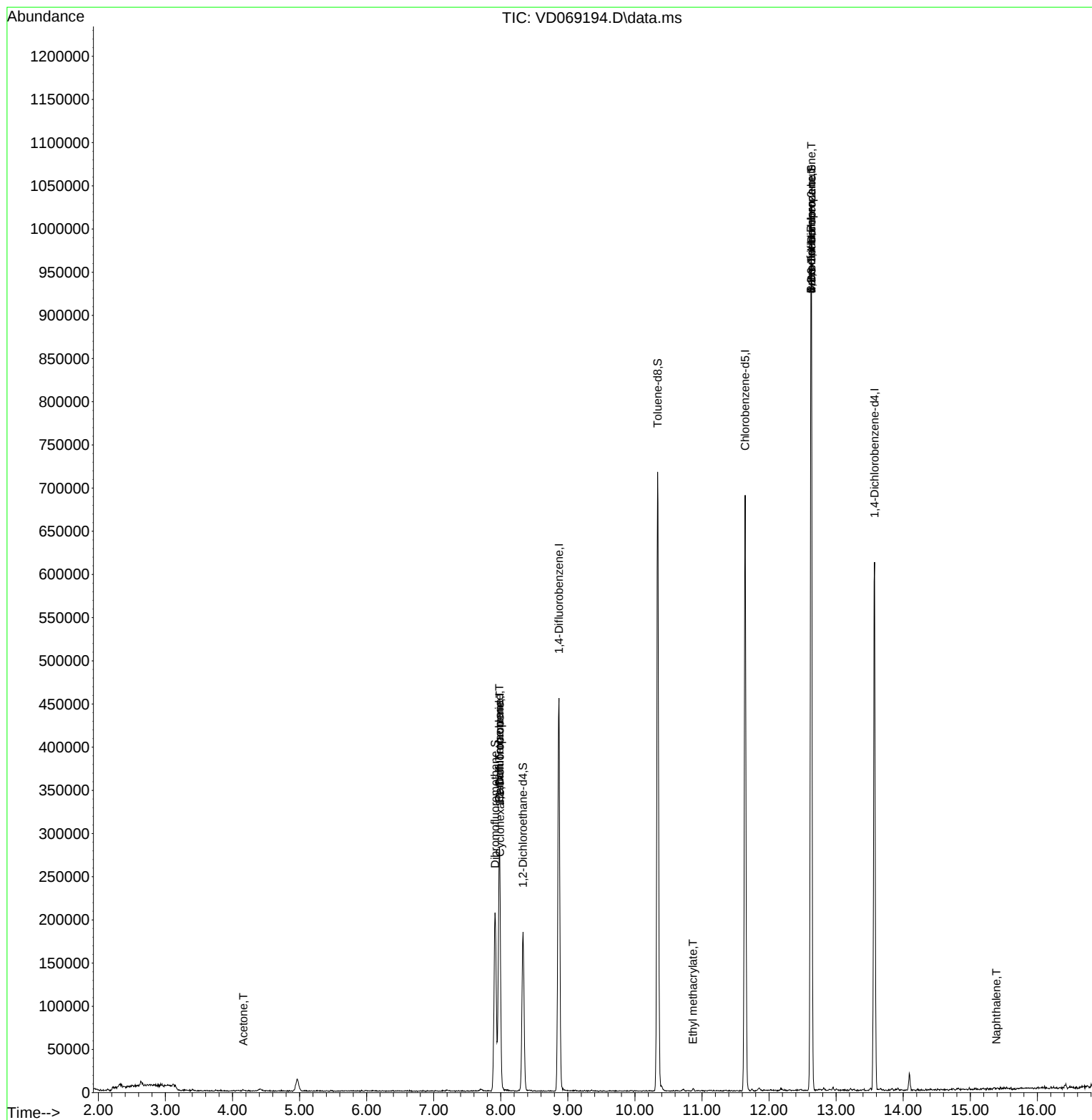
Internal Standards						
1) Pentafluorobenzene	7.979	168	204163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	400605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	395245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	164681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146968	71.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.62%			
35) Dibromofluoromethane	7.914	113	147981	56.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.52%			
50) Toluene-d8	10.338	98	500857	52.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.58%			
62) 4-Bromofluorobenzene	12.632	95	189187	61.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.76%			
Target Compounds						
11) Tert butyl alcohol	5.208	59	261	Below Cal	#	73
16) Acetone	4.161	43	1619	5.16 ug/l	#	41
20) Methylene Chloride	4.967	84	11200	Below Cal	#	86
31) Cyclohexane	7.991	56	4803	1.58 ug/l	#	51
36) 1,1-Dichloropropene	7.985	75	18019	4.63 ug/l	#	49
38) Carbon Tetrachloride	7.979	117	22048	5.06 ug/l	#	16
56) Ethyl methacrylate	10.867	69	79	1.35 ug/l	#	27
71) Bromoform	12.626	173	1853	1.15 ug/l	#	1
76) 1,2,3-Trichloropropane	12.632	75	102393	82.71 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	102393	167.08 ug/l	#	14
95) Naphthalene	15.390	128	441	2.12 ug/l	#	69

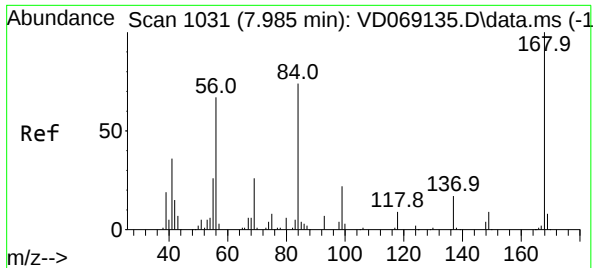
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069194.D
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Misc : 5.35G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :

Quant Time: May 20 01:00:59 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

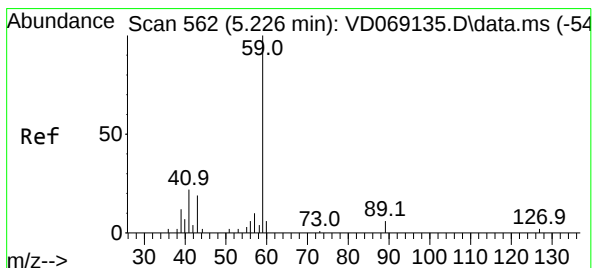
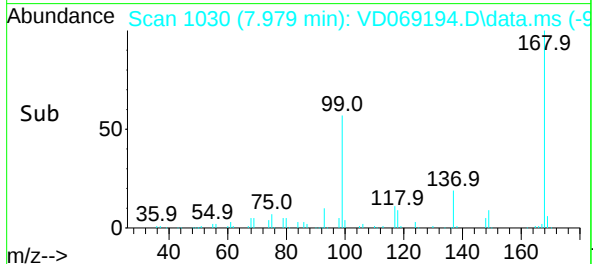
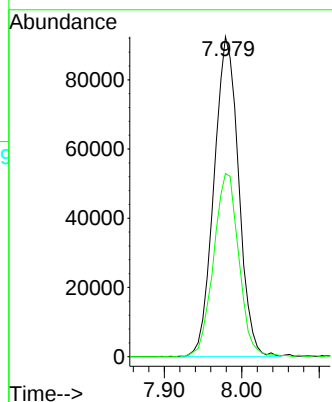
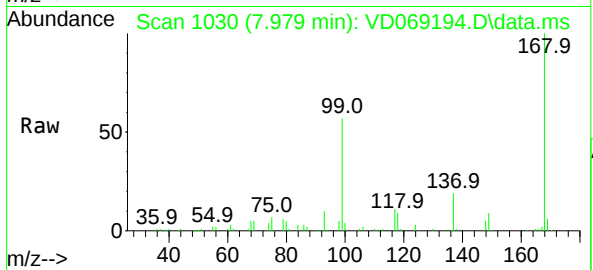




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

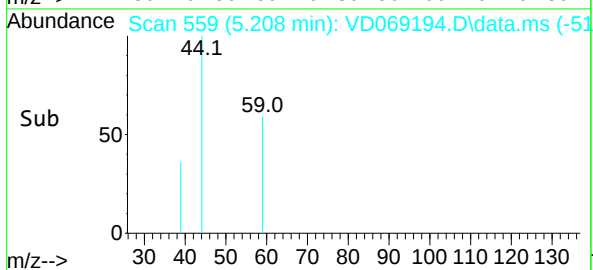
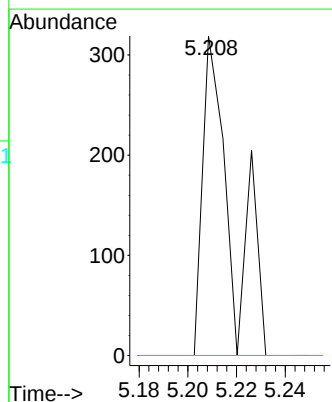
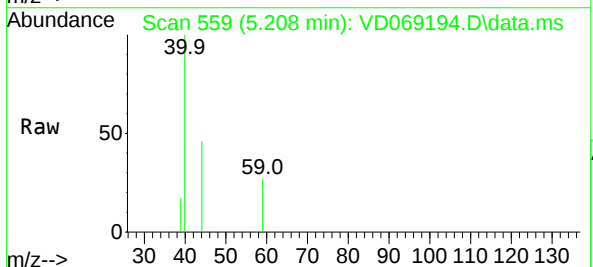
Instrument :
MSVOA_D
ClientSampled :

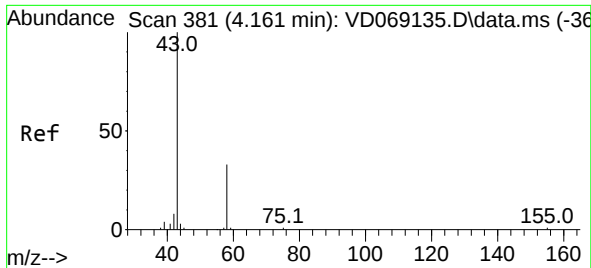
Tgt Ion:168 Resp: 204163
Ion Ratio Lower Upper
168 100
99 56.9 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

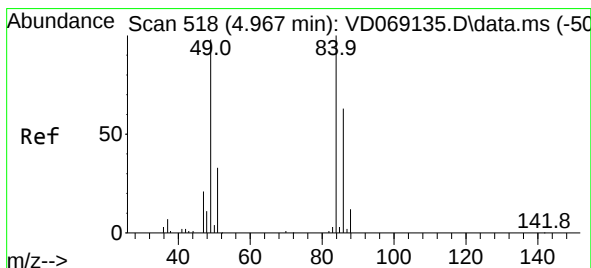
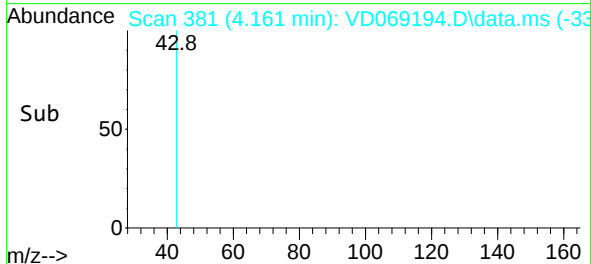
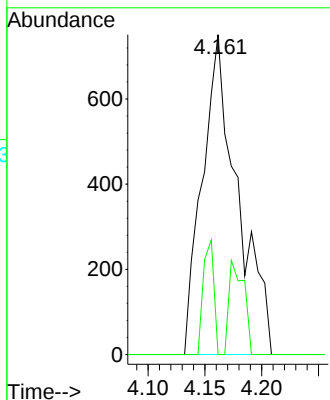
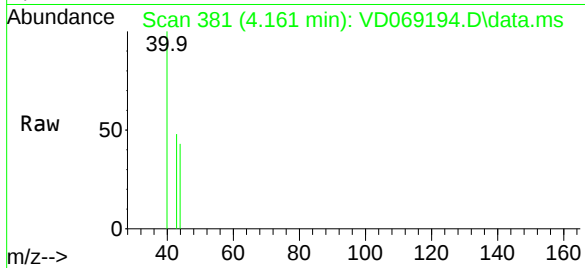




#16
Acetone
Concen: 5.16 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

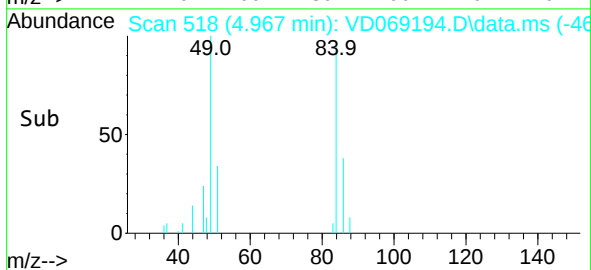
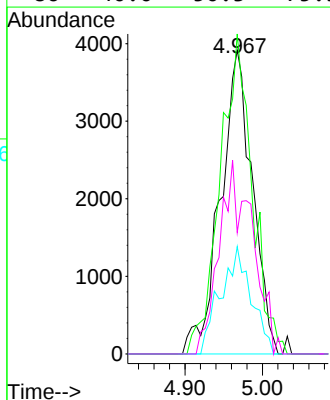
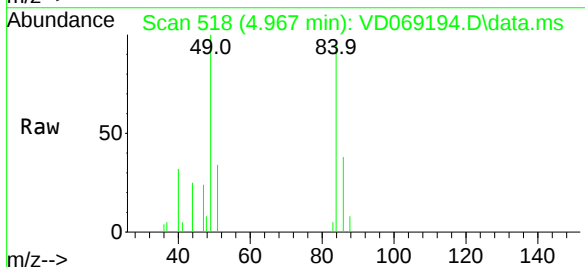
Instrument :
MSVOA_D
ClientSampled :

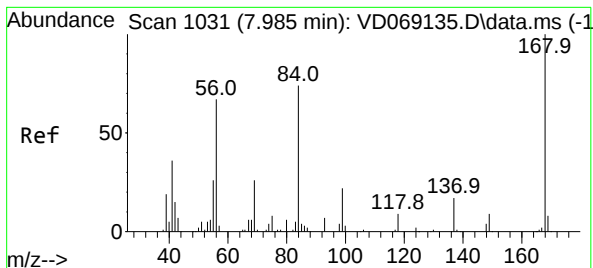
Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

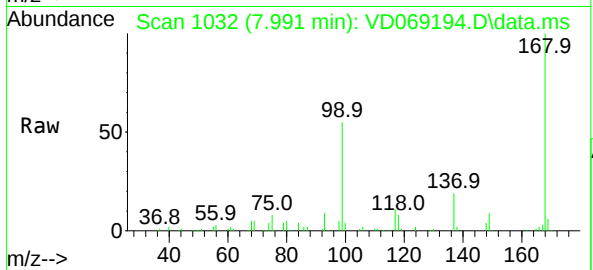
Tgt Ion: 84 Resp: 11200
Ion Ratio Lower Upper
84 100
49 105.4 78.6 117.8
51 35.4 26.7 40.1
86 40.0 50.3 75.5#



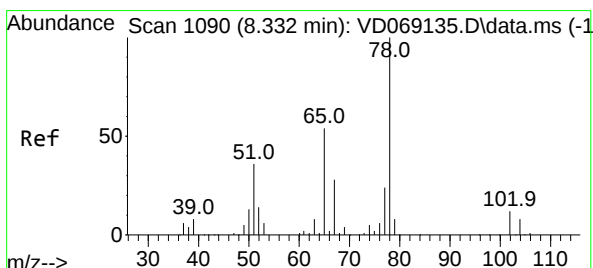
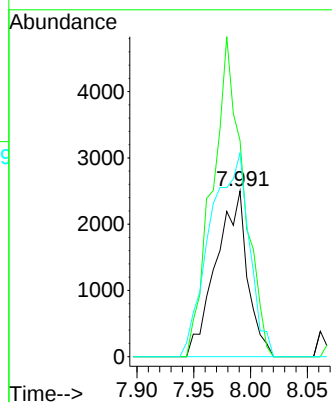
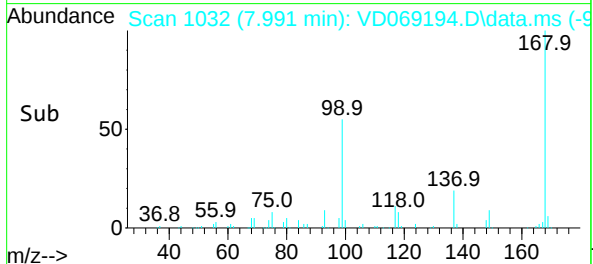


#31
Cyclohexane
Concen: 1.58 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

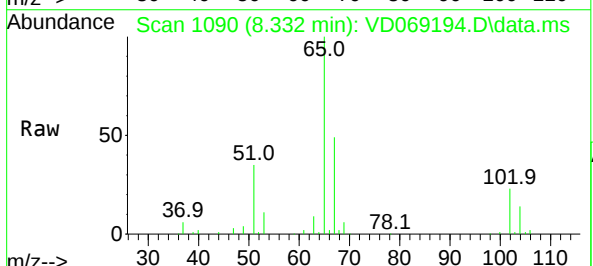
Instrument :
MSVOA_D
ClientSampled :



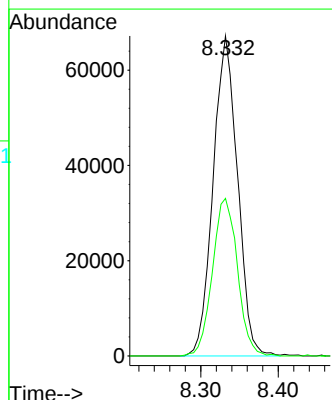
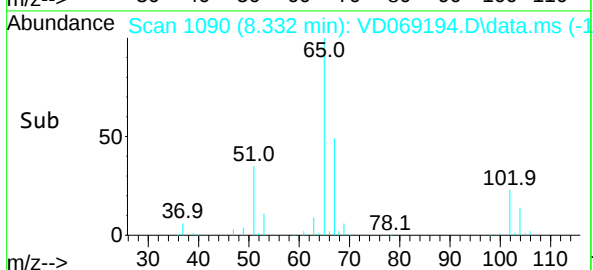
Tgt Ion: 56 Resp: 4803
Ion Ratio Lower Upper
56 100
69 130.6 30.6 46.0#
84 123.0 88.0 132.0

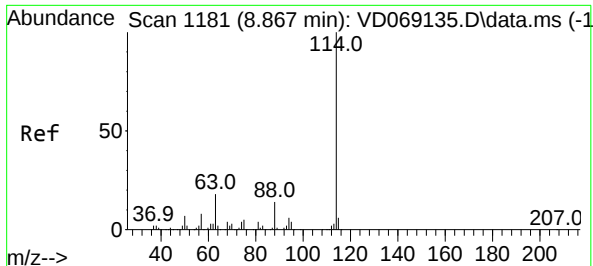


#33
1,2-Dichloroethane-d4
Concen: 71.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04



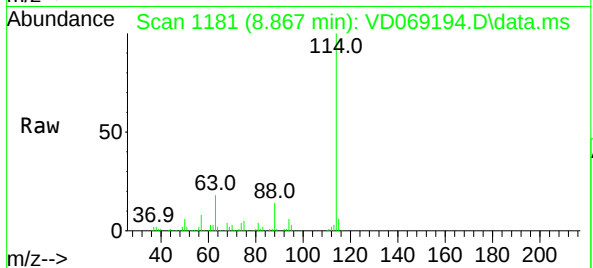
Tgt Ion: 65 Resp: 146968
Ion Ratio Lower Upper
65 100
67 50.6 0.0 108.0



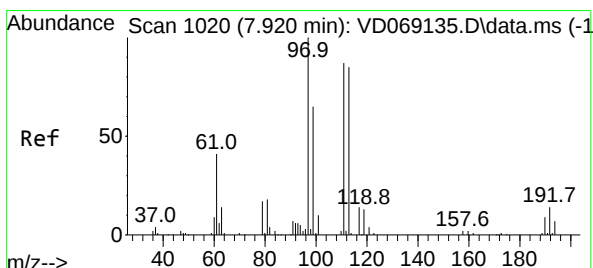
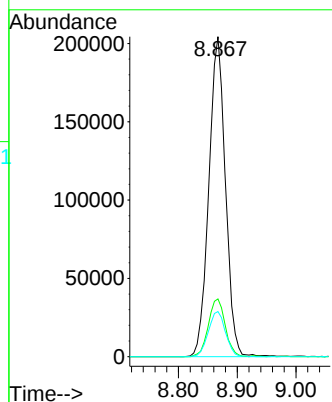
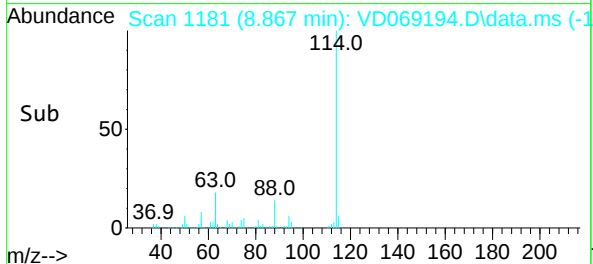


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

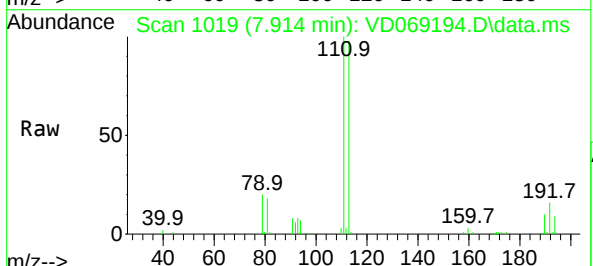
Instrument :
MSVOA_D
ClientSampled :



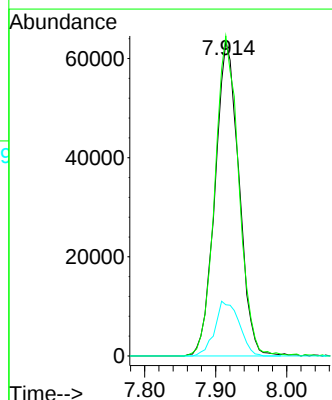
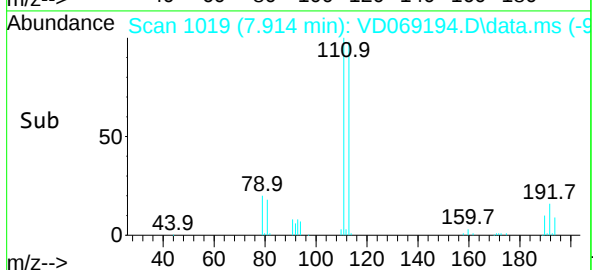
Tgt Ion:114 Resp: 400605
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.4
88 14.1 0.0 28.2

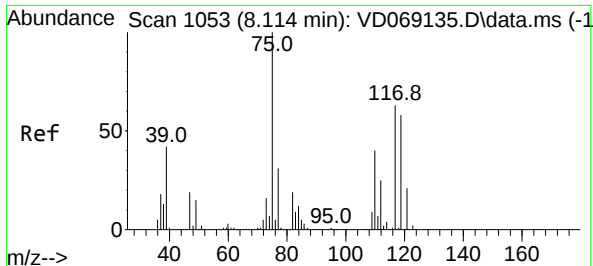


#35
Dibromofluoromethane
Concen: 56.76 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04



Tgt Ion:113 Resp: 147981
Ion Ratio Lower Upper
113 100
111 101.8 80.6 120.8
192 17.7 14.8 22.2

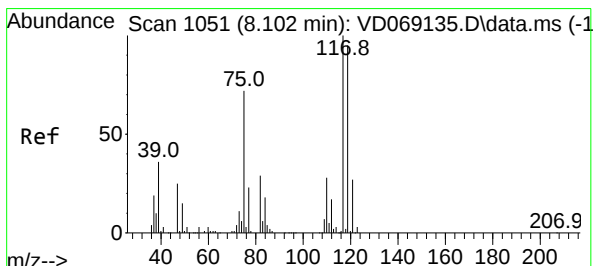
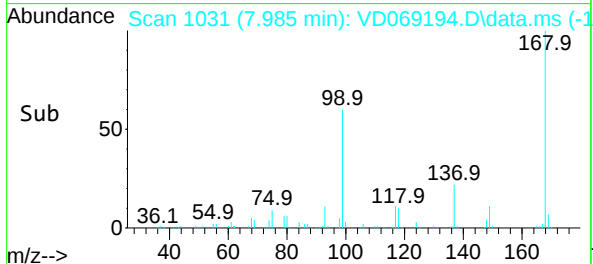
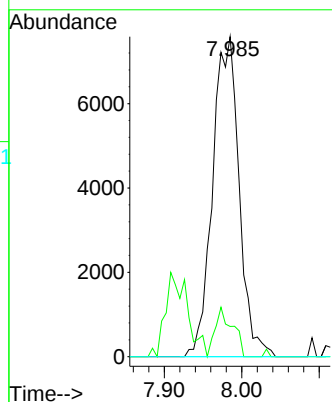
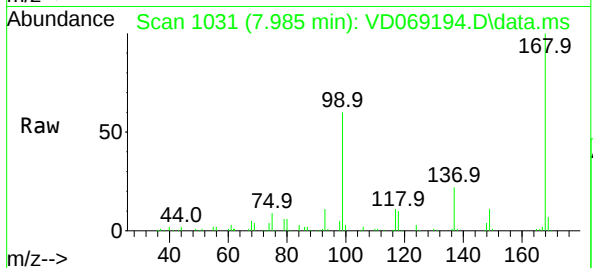




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

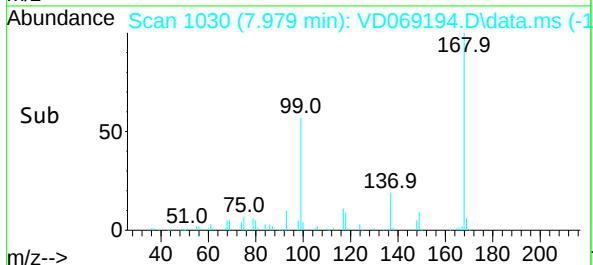
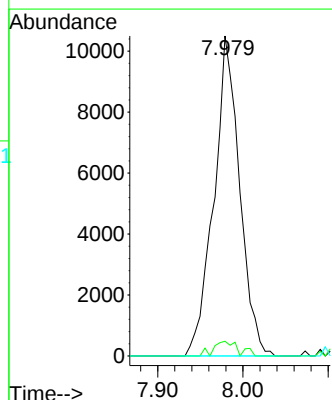
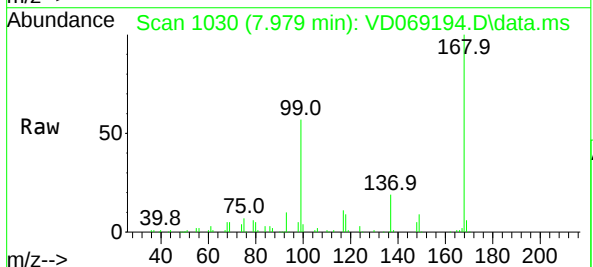
Instrument :
MSVOA_D
ClientSampled :

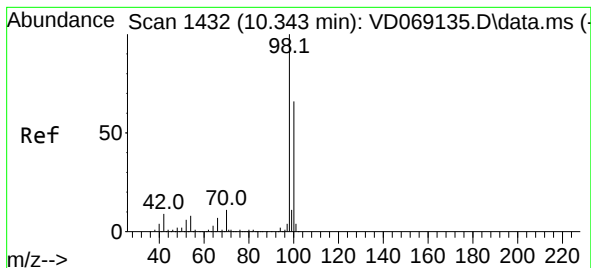
Tgt Ion: 75 Resp: 18019
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.06 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion: 117 Resp: 22048
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 21.9 32.9#

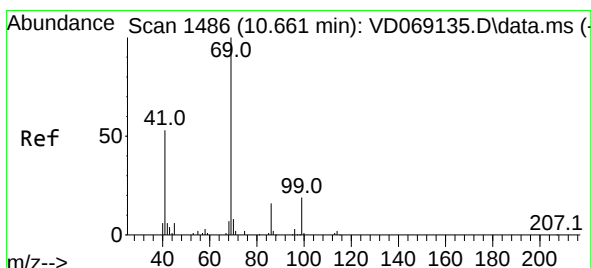
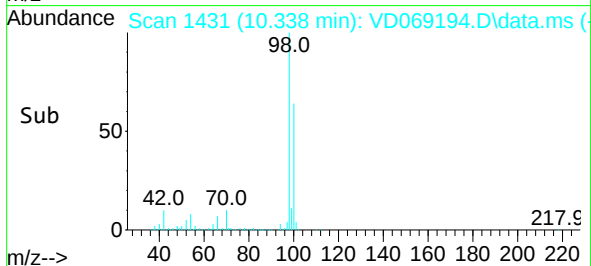
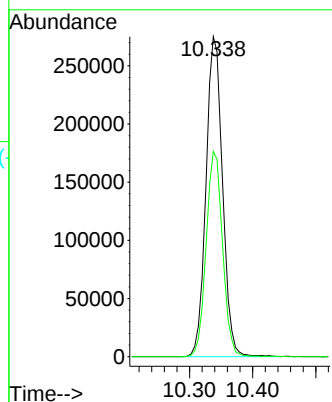
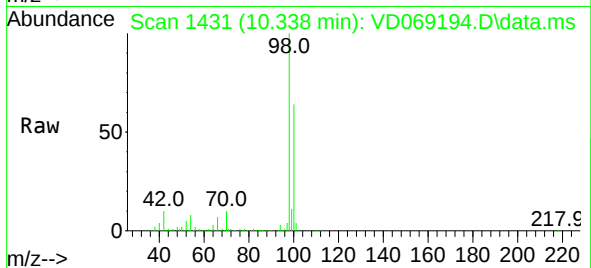




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

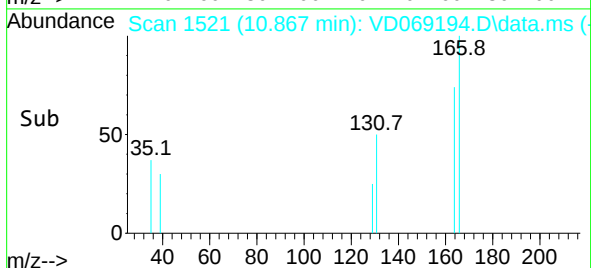
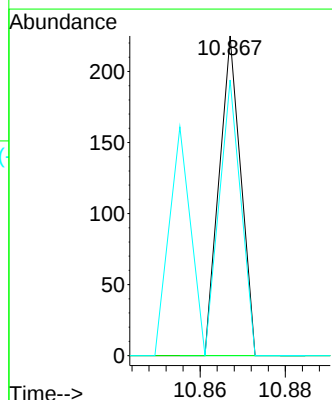
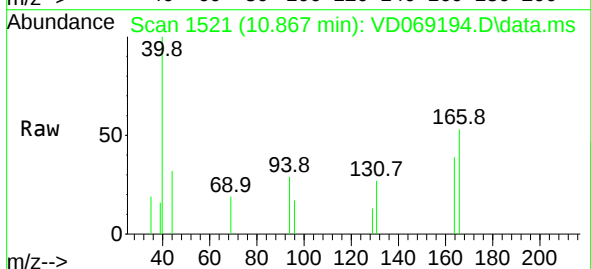
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MSVOA_D
ClientSampled :

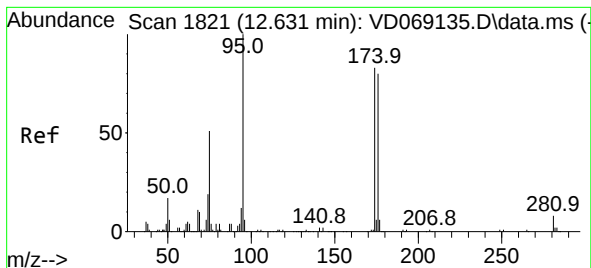
Tgt Ion: 98 Resp: 500857
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.35 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.206 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion: 69 Resp: 79
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 72.2 26.3 39.5#

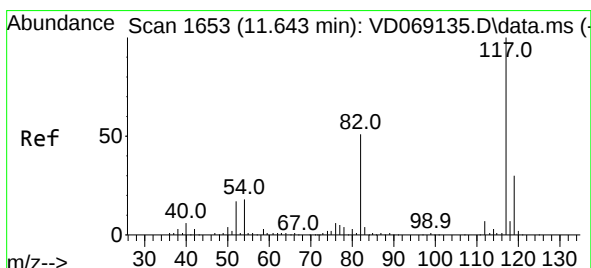
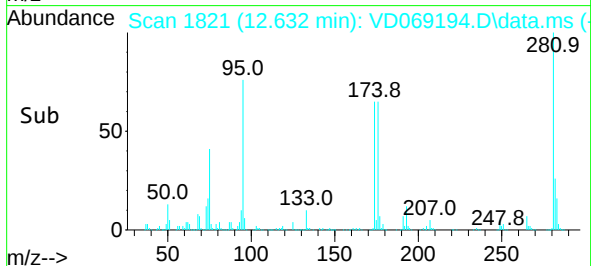
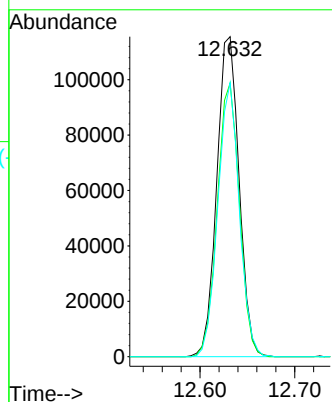
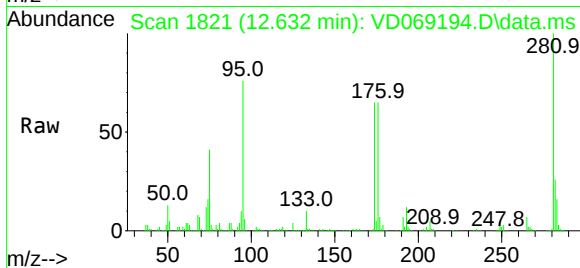




#62
4-Bromofluorobenzene
Concen: 61.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

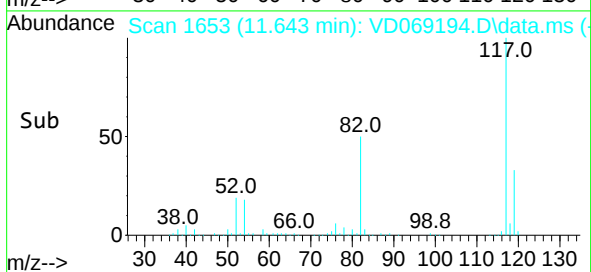
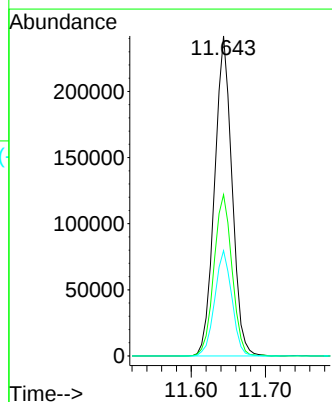
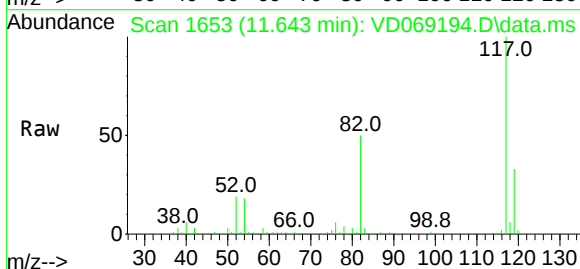
Instrument :
MSVOA_D
ClientSampleId :

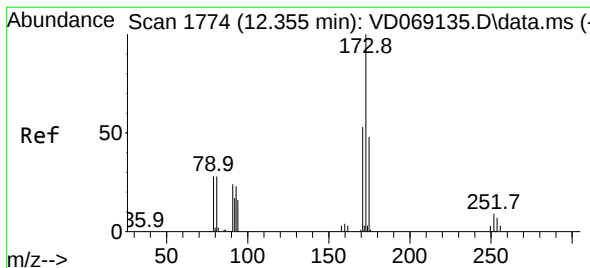
Tgt Ion: 95 Resp: 189187
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.8
176 82.4 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion: 117 Resp: 395245
Ion Ratio Lower Upper
117 100
82 50.4 40.5 60.7
119 32.9 24.2 36.4





#71

Bromoform

Concen: 1.15 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.271 min

Lab File: VD069194.D

Acq: 19 May 2021 14:04

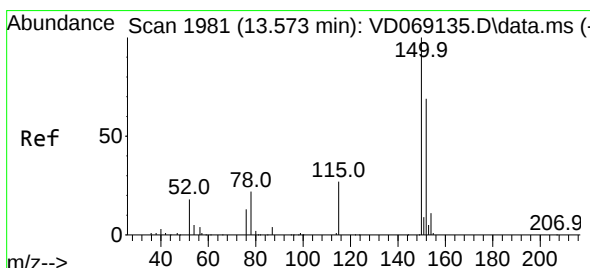
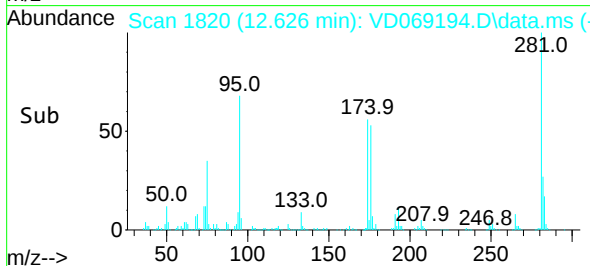
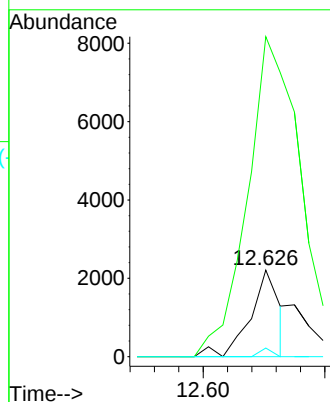
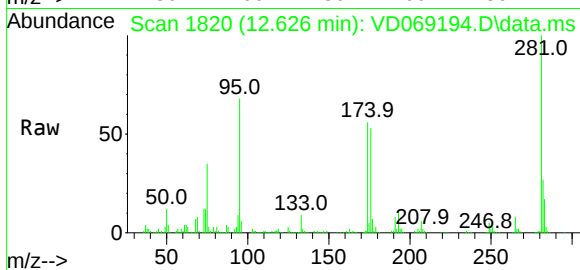
Tgt Ion:173 Resp: 1853

Ion Ratio Lower Upper

173 100

175 455.5 24.3 73.0#

254 4.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. 0.000 min

Lab File: VD069194.D

Acq: 19 May 2021 14:04

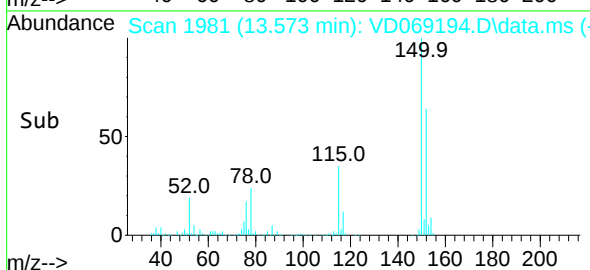
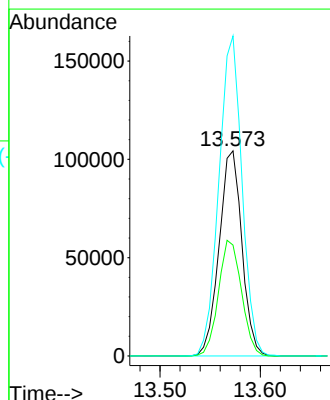
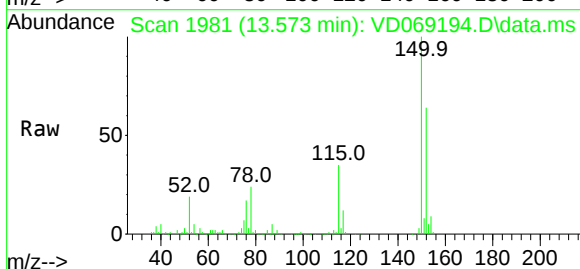
Tgt Ion:152 Resp: 164681

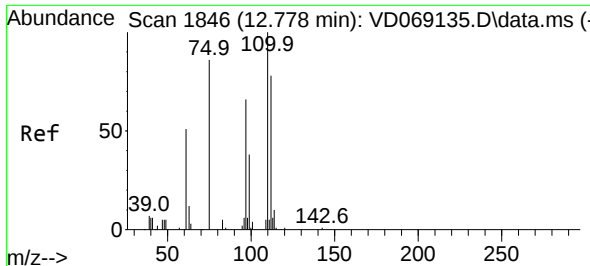
Ion Ratio Lower Upper

152 100

115 56.9 29.9 89.8

150 158.0 0.0 350.2

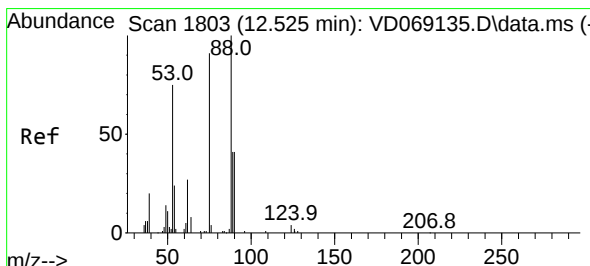
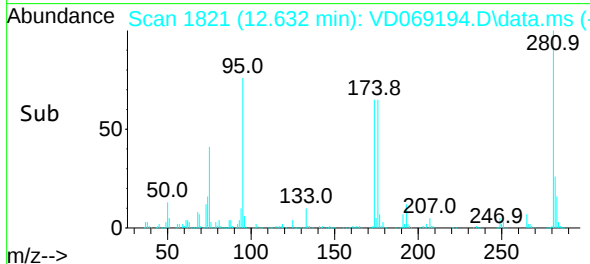
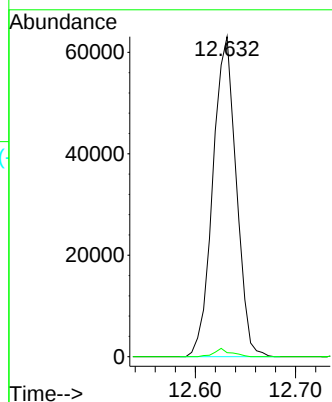
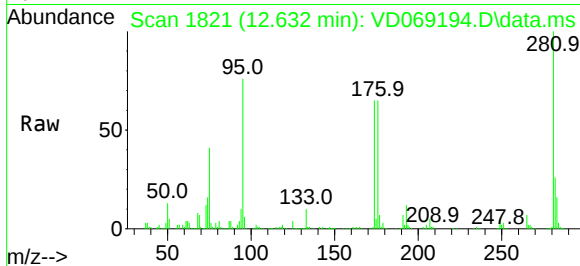




#76
1,2,3-Trichloropropane
Concen: 82.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

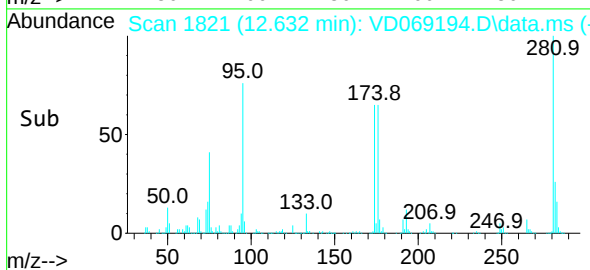
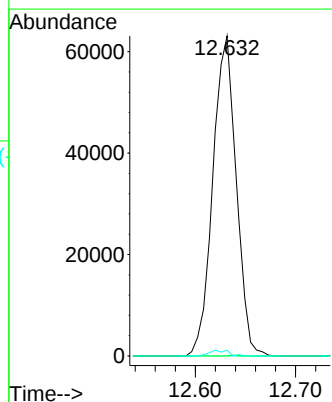
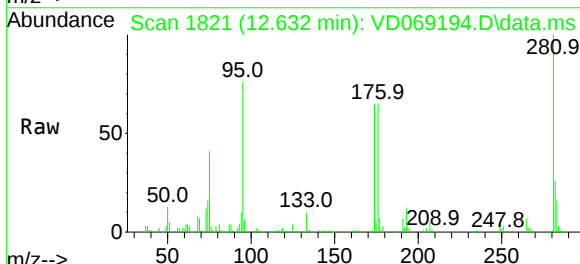
Instrument :
MSVOA_D
ClientSampled :

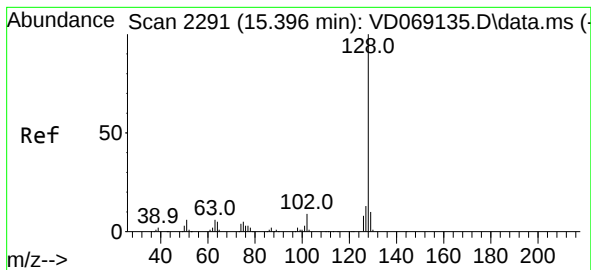
Tgt Ion: 75 Resp: 102393
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

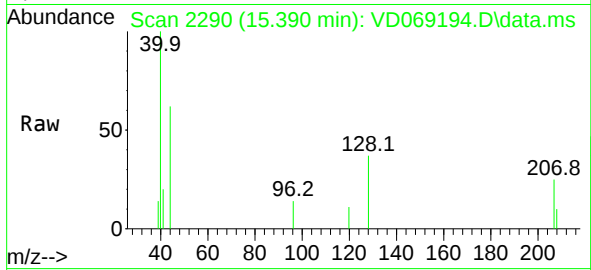
Tgt Ion: 75 Resp: 102393
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 1.5 40.2 60.2#





#95
Naphthalene
Concen: 2.12 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 441
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

