

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069112.D
 Acq On : 07 May 2021 19:49
 Operator : VA/SY
 Sample : M2277-02
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-A3-A3A-B3-B3A

Quant Time: May 08 00:10:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	194283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	371678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	367723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	165462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	132996	53.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.24%
35) Dibromofluoromethane	7.914	113	138118	54.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.38%
50) Toluene-d8	10.338	98	477600	50.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.52%
62) 4-Bromofluorobenzene	12.626	95	143951	46.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.02%

Target Compounds

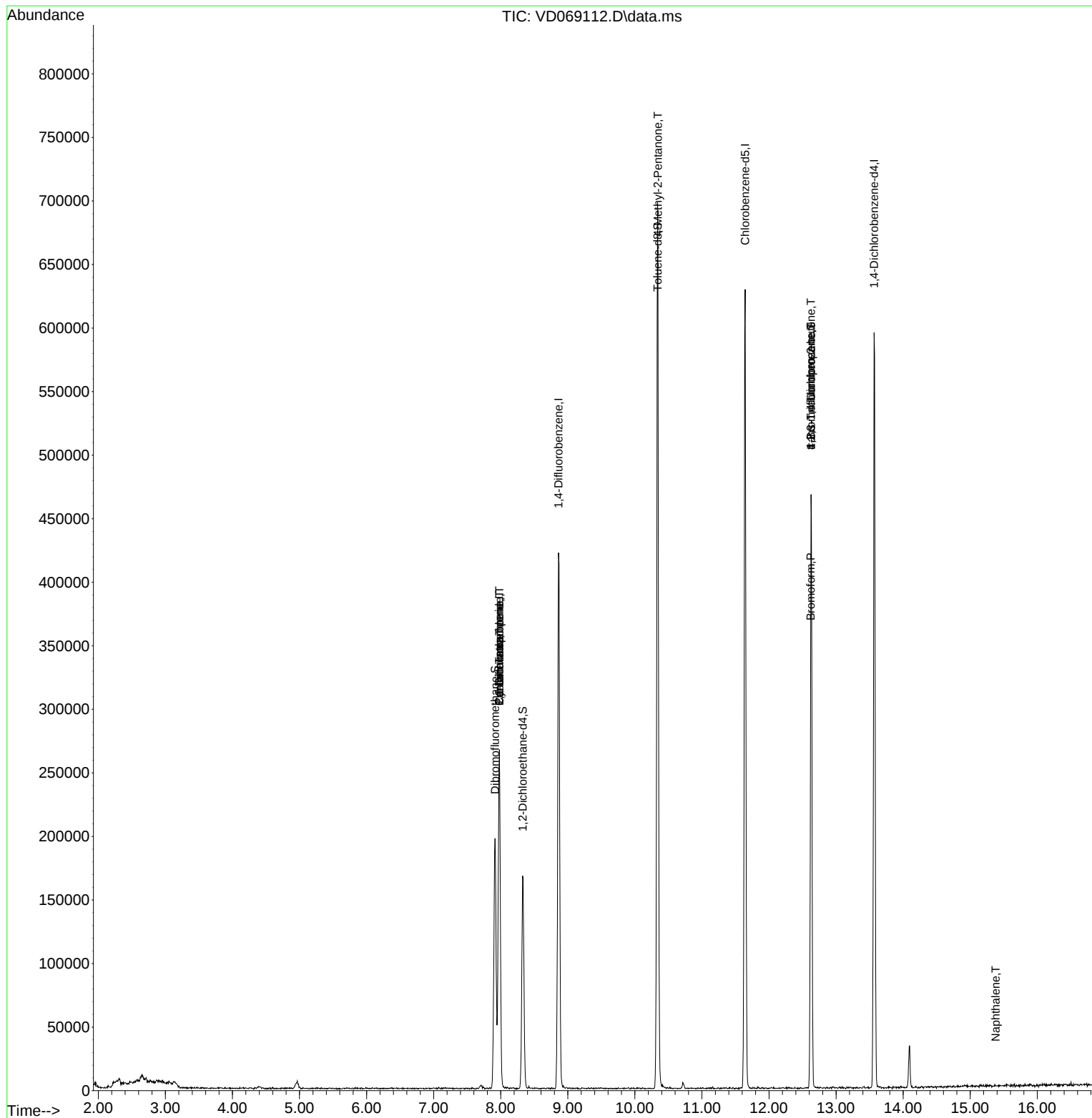
						Qvalue
16) Acetone	4.168	43	204	Below Cal	#	44
20) Methylene Chloride	4.962	84	4331	Below Cal	#	79
31) Cyclohexane	7.979	56	4305	1.19	ug/l #	33
36) 1,1-Dichloropropene	7.979	75	15996	4.09	ug/l #	51
38) Carbon Tetrachloride	7.979	117	20716	4.88	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	1651	1.17	ug/l #	1
71) Bromoform	12.620	173	1475	1.01	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	73080	50.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	73080	110.40	ug/l #	9
95) Naphthalene	15.379	128	120	2.85	ug/l #	69

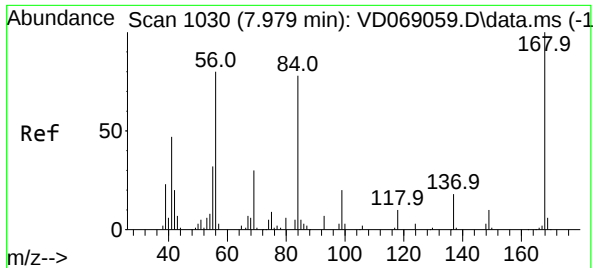
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FK-BPM-01-A3-A3A-B3-B3A

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
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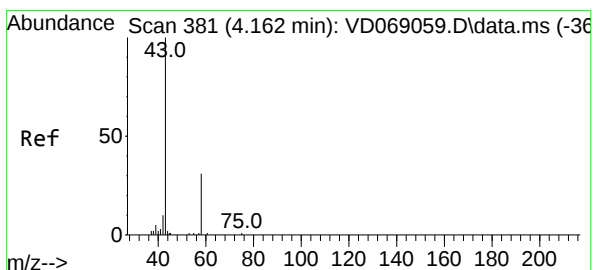
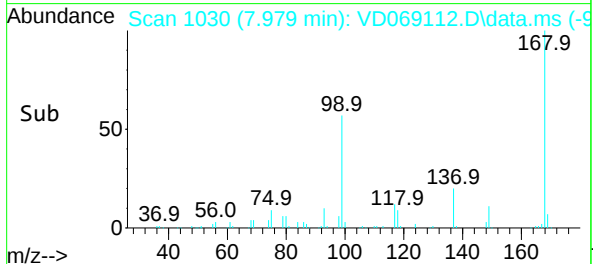
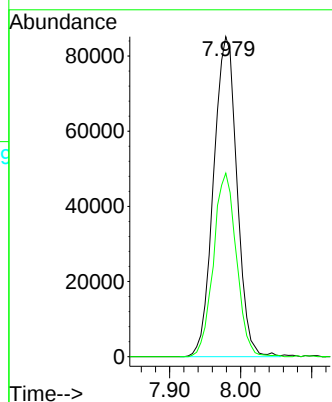
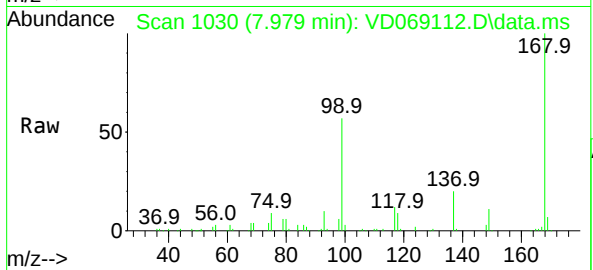




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

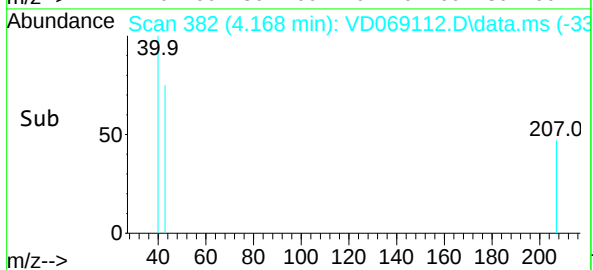
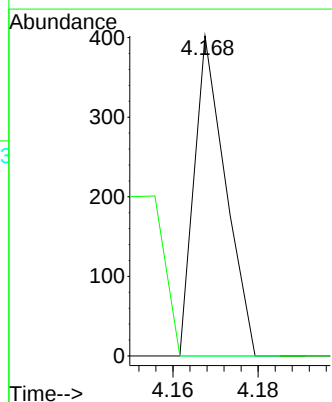
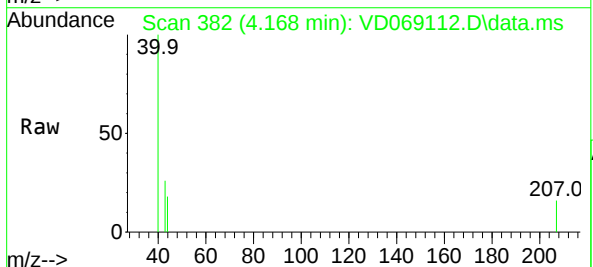
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A

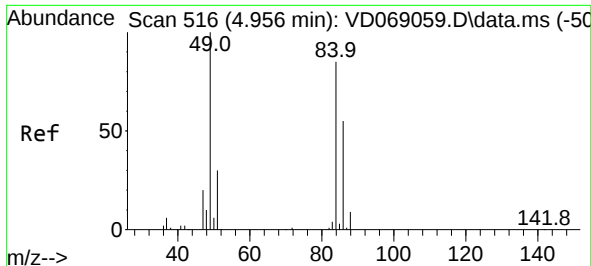
Tgt Ion:168 Resp: 194283
Ion Ratio Lower Upper
168 100
99 57.4 52.6 78.8



#16
Acetone
Concen: Below Cal
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

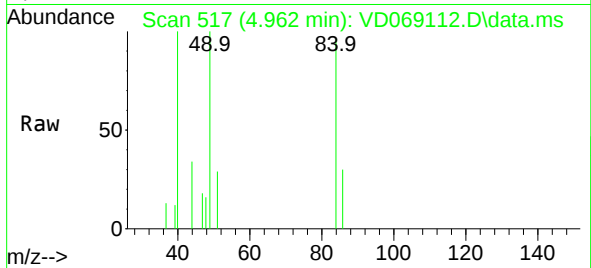
Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



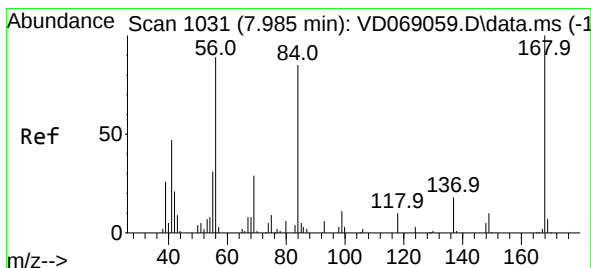
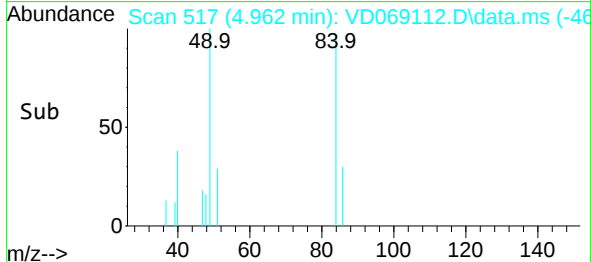
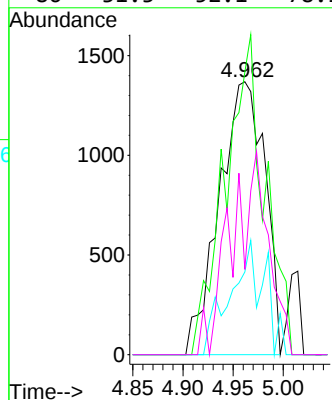


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A

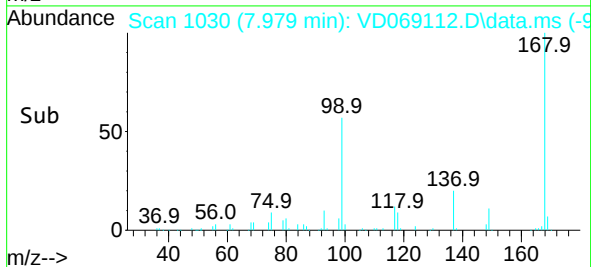
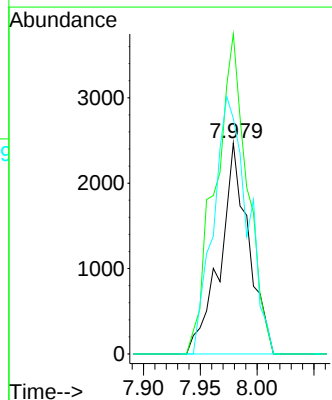
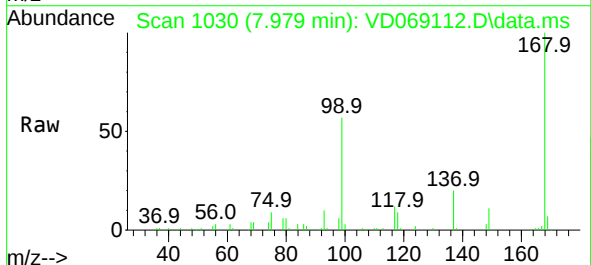


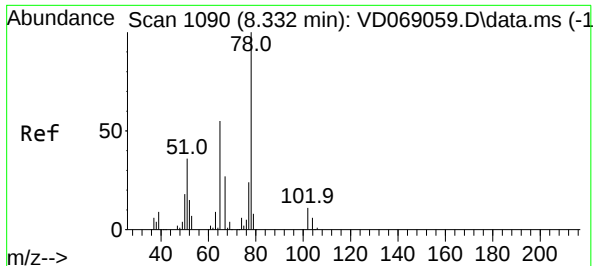
Tgt Ion:	84	Resp:	4331
Ion	Ratio	Lower	Upper
84	100		
49	103.5	93.9	140.9
51	30.3	27.9	41.9
86	31.3	52.1	78.1#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Tgt Ion:	56	Resp:	4305
Ion	Ratio	Lower	Upper
56	100		
69	151.7	26.3	39.5#
84	111.7	75.9	113.9





#33

1,2-Dichloroethane-d4

Concen: 53.12 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD069112.D

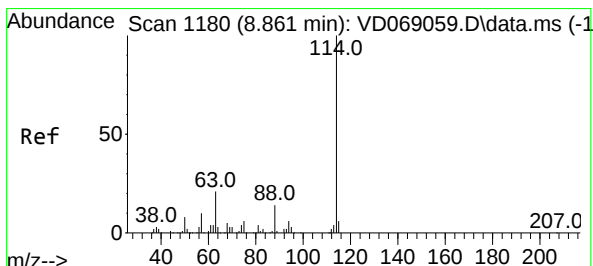
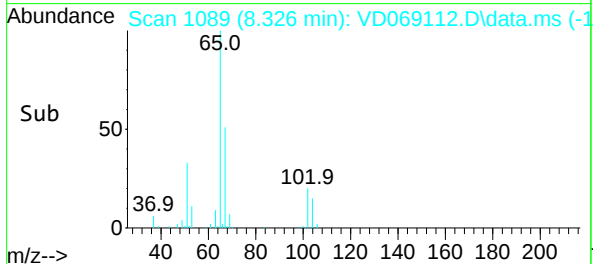
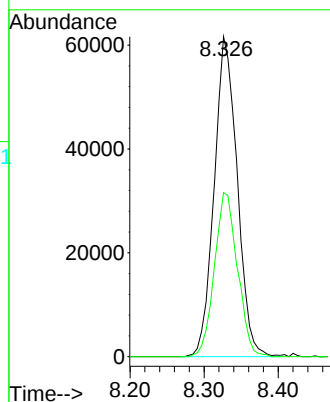
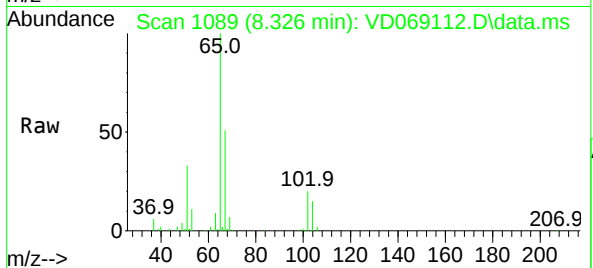
Acq: 07 May 2021 19:49

Tgt Ion: 65 Resp: 132996

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069112.D

Acq: 07 May 2021 19:49

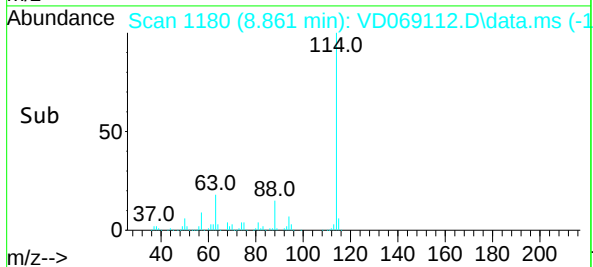
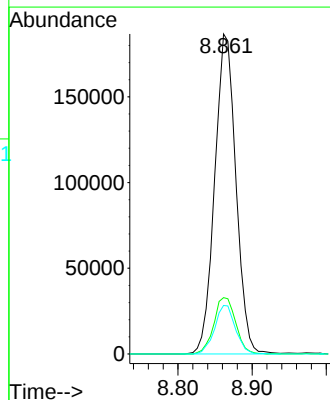
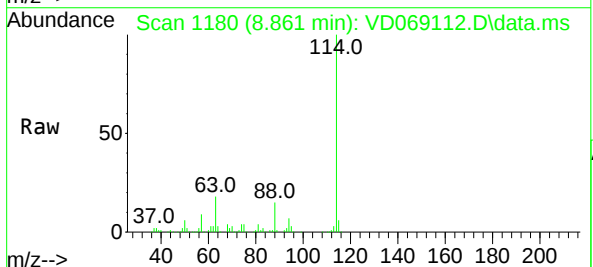
Tgt Ion: 114 Resp: 371678

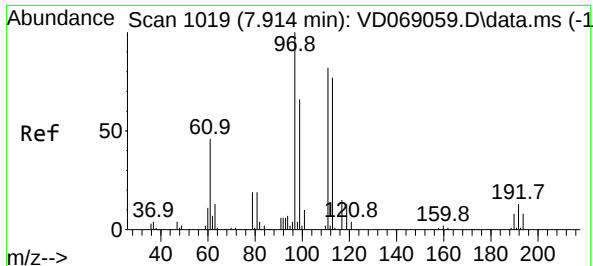
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.4

88 15.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 54.19 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069112.D

Acq: 07 May 2021 19:49

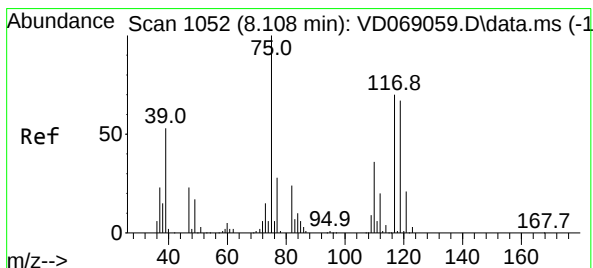
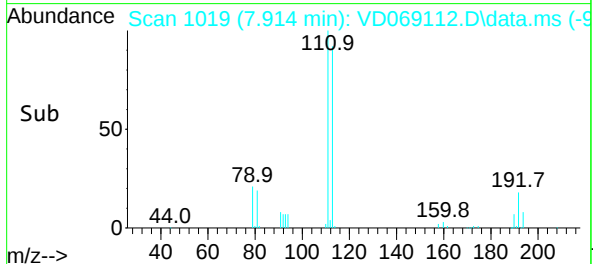
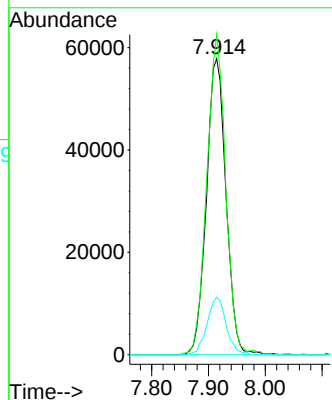
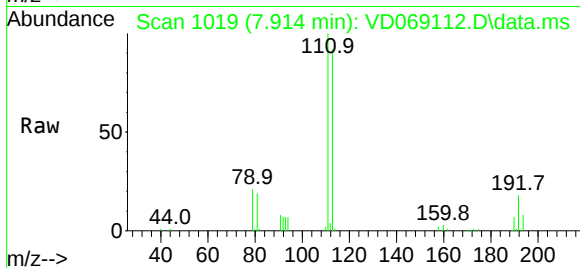
Tgt Ion:113 Resp: 138118

Ion Ratio Lower Upper

113 100

111 104.3 84.6 126.8

192 19.0 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.09 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD069112.D

Acq: 07 May 2021 19:49

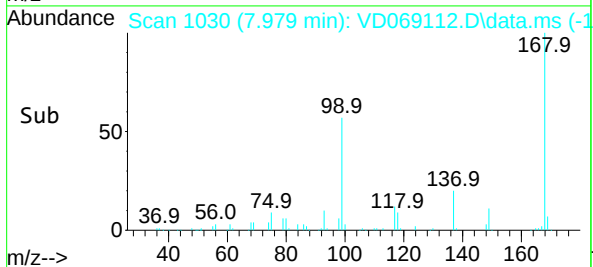
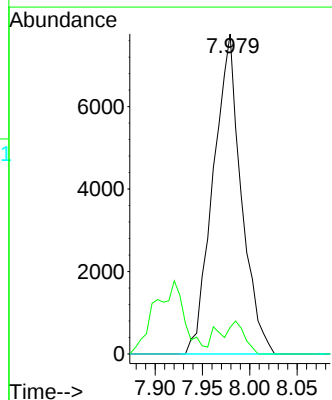
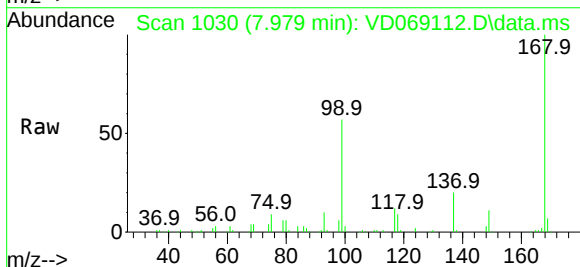
Tgt Ion: 75 Resp: 15996

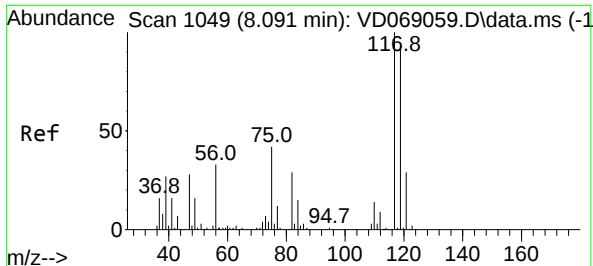
Ion Ratio Lower Upper

75 100

110 9.1 17.3 51.7#

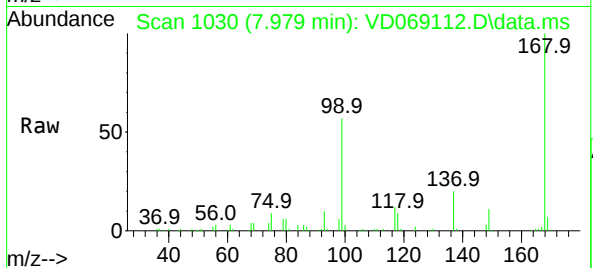
77 0.0 23.9 35.9#



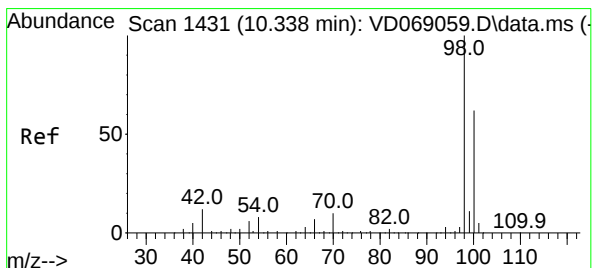
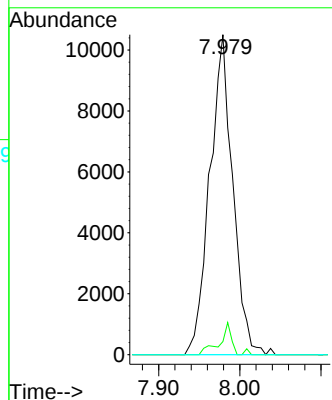
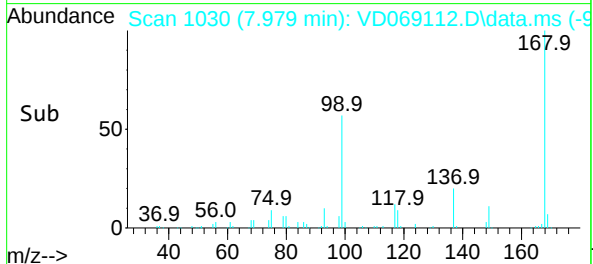


#38
Carbon Tetrachloride
Concen: 4.88 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

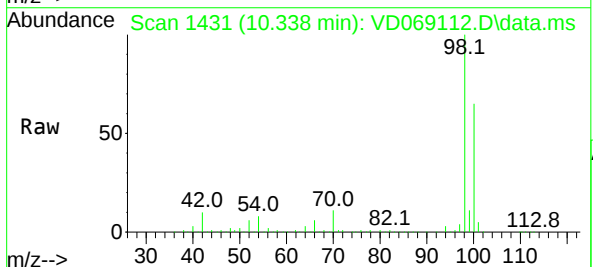
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A



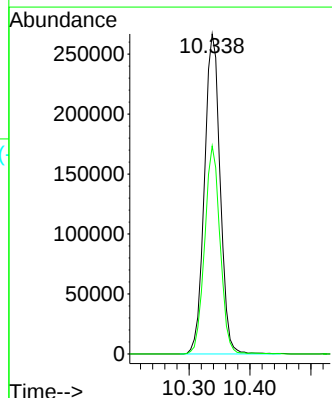
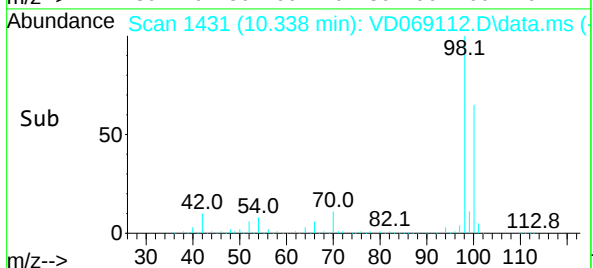
Tgt Ion:117 Resp: 20716
Ion Ratio Lower Upper
117 100
119 4.1 74.7 112.1#
121 0.0 23.1 34.7#

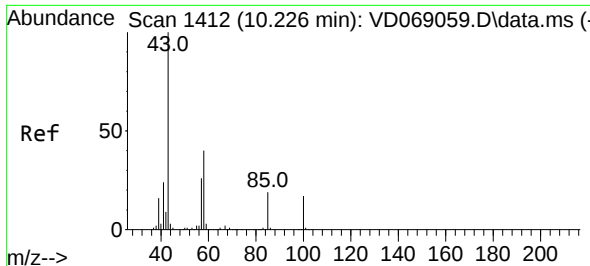


#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49



Tgt Ion: 98 Resp: 477600
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

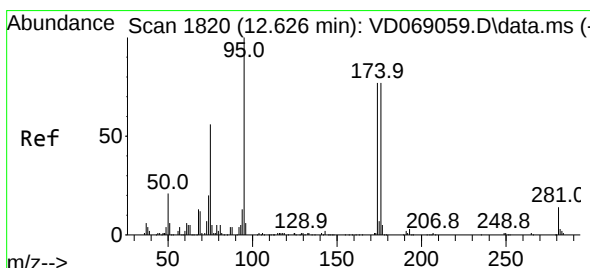
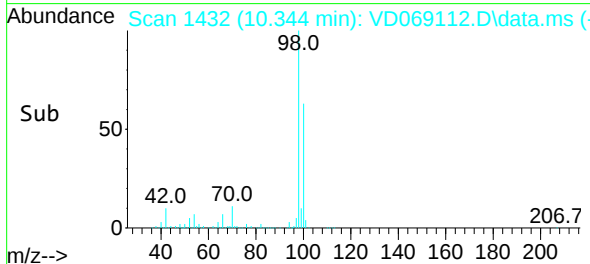
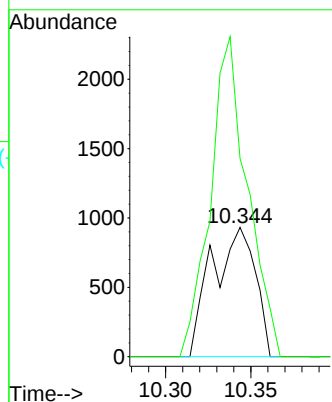
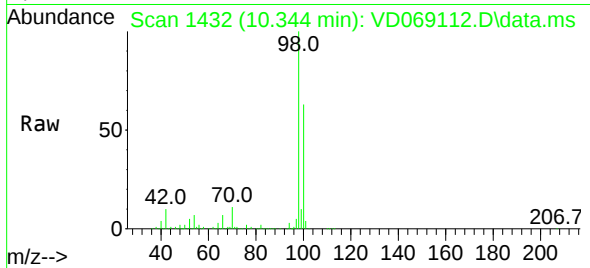




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

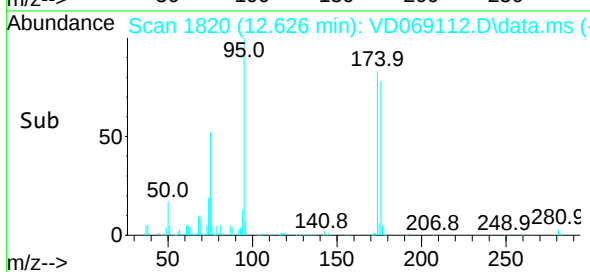
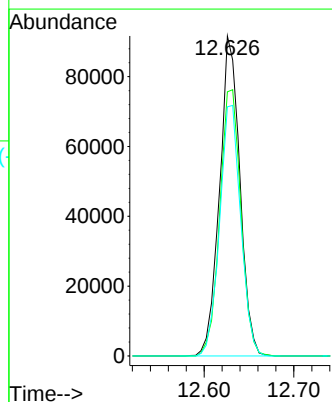
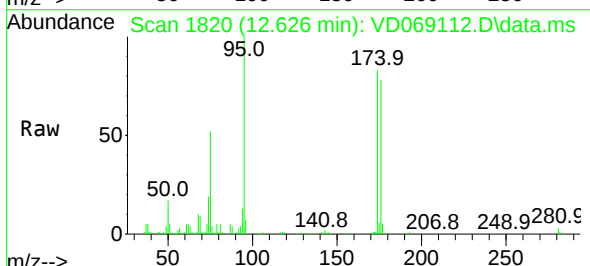
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ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A

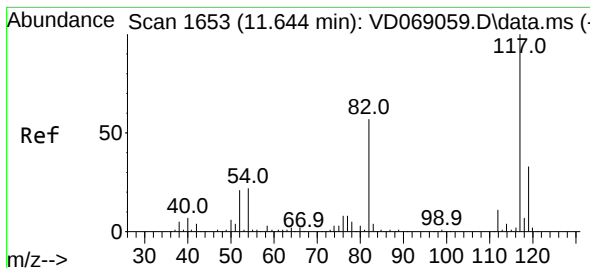
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 211.1 32.7 49.1#



#62
4-Bromofluorobenzene
Concen: 46.51 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Tgt Ion: 95 Resp: 143951
Ion Ratio Lower Upper
95 100
174 86.5 0.0 156.0
176 81.2 0.0 149.4

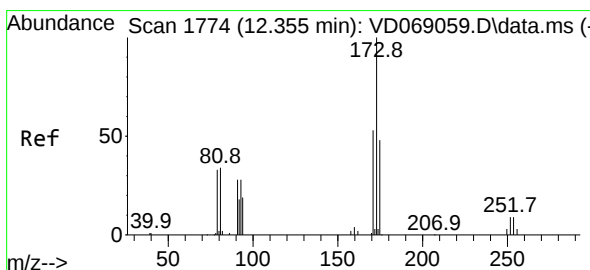
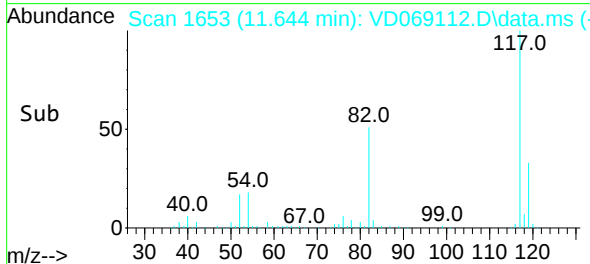
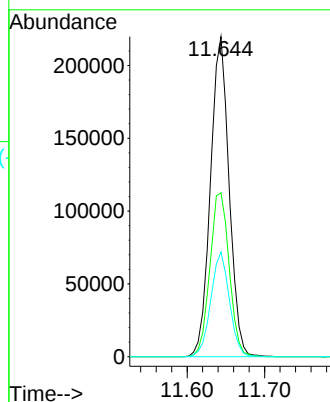
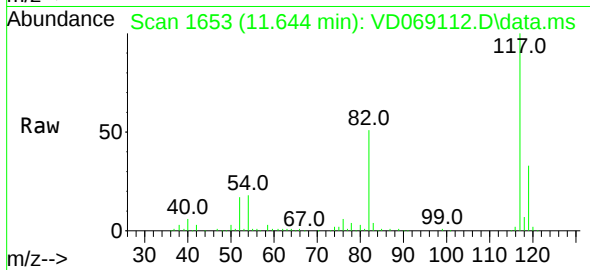




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

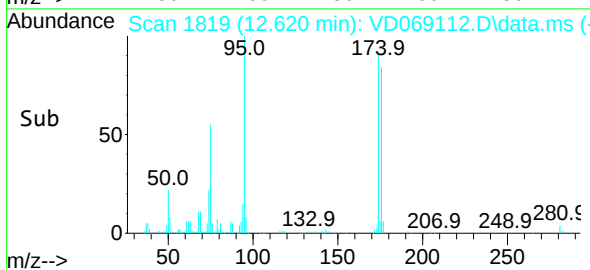
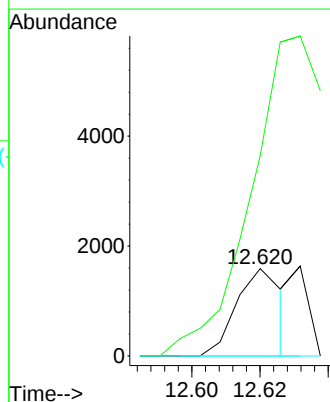
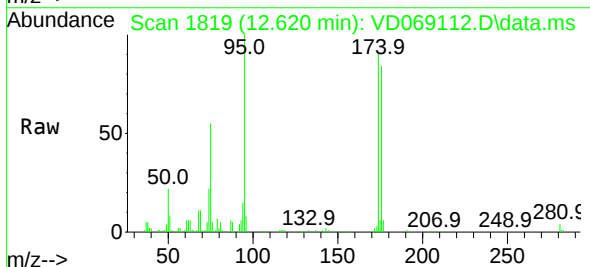
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A

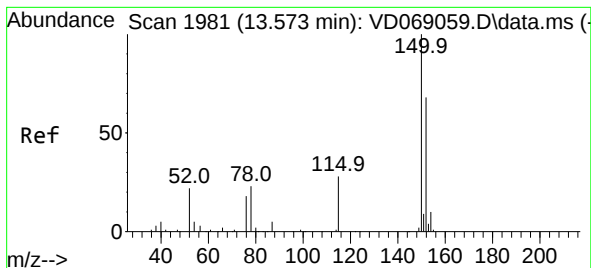
Tgt Ion:117 Resp: 367723
Ion Ratio Lower Upper
117 100
82 51.2 45.4 68.2
119 32.7 26.8 40.2



#71
Bromoform
Concen: 1.01 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Tgt Ion:173 Resp: 1475
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.006 min

Lab File: VD069112.D

Acq: 07 May 2021 19:49

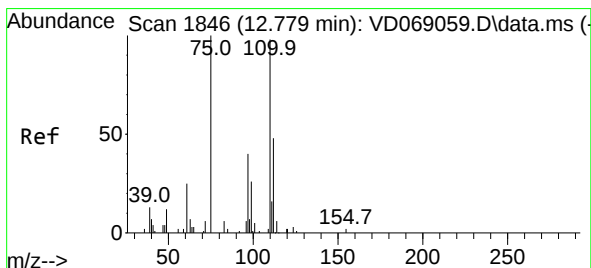
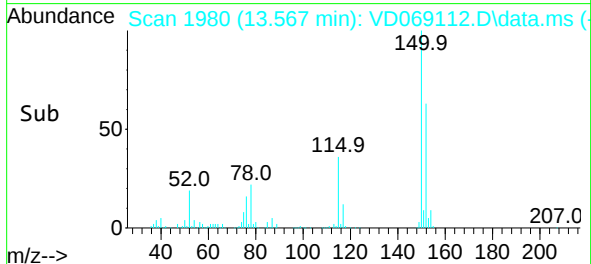
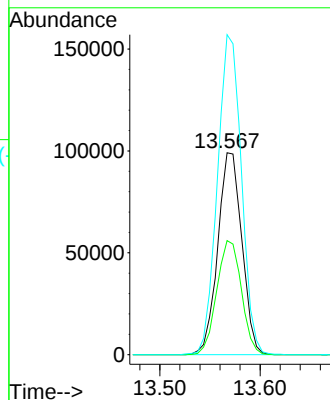
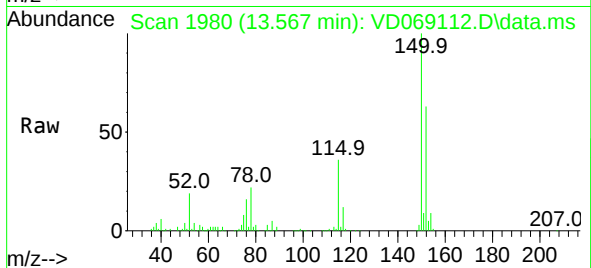
Tgt Ion:152 Resp: 165462

Ion Ratio Lower Upper

152 100

115 57.6 30.5 91.5

150 158.1 0.0 340.8



#76

1,2,3-Trichloropropane

Concen: 50.74 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.153 min

Lab File: VD069112.D

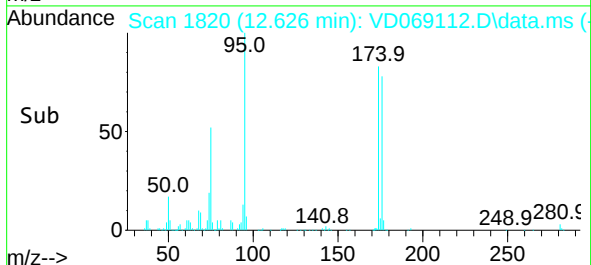
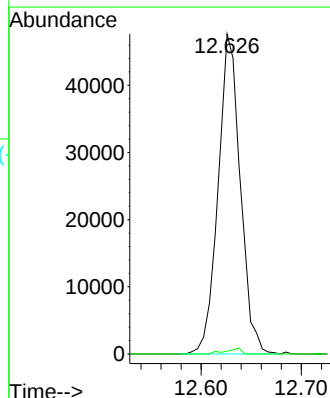
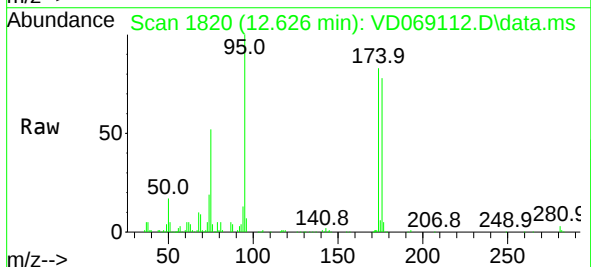
Acq: 07 May 2021 19:49

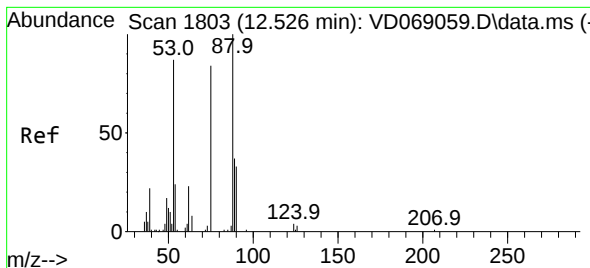
Tgt Ion: 75 Resp: 73080

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

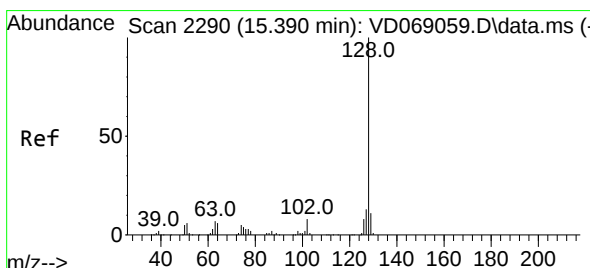
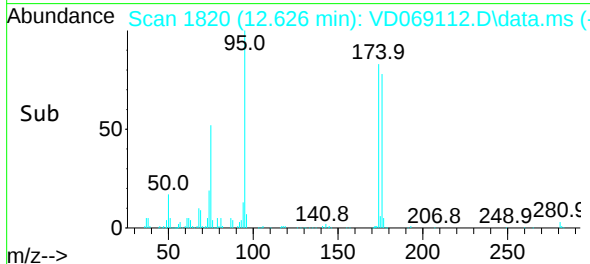
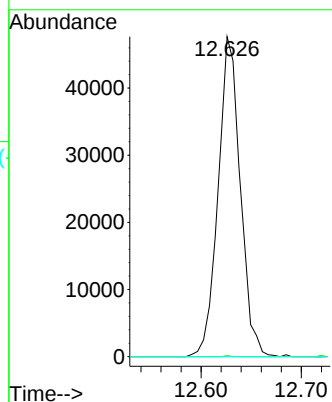
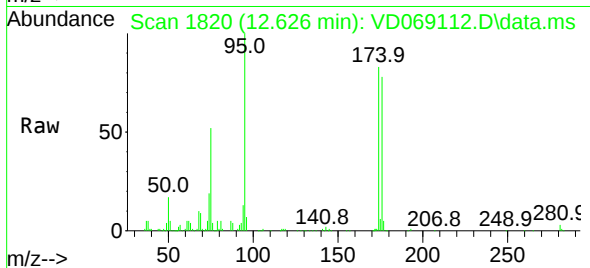




#81
trans-1,4-Dichloro-2-butene
Concen: 110.40 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A

Tgt Ion: 75 Resp: 73080
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.85 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.011 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Tgt Ion: 128 Resp: 120
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.5 12.7#

