

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069193.D
 Acq On : 19 May 2021 13:36
 Operator : VA/SY
 Sample : M2439-03
 Misc : 6.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:00:45 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)

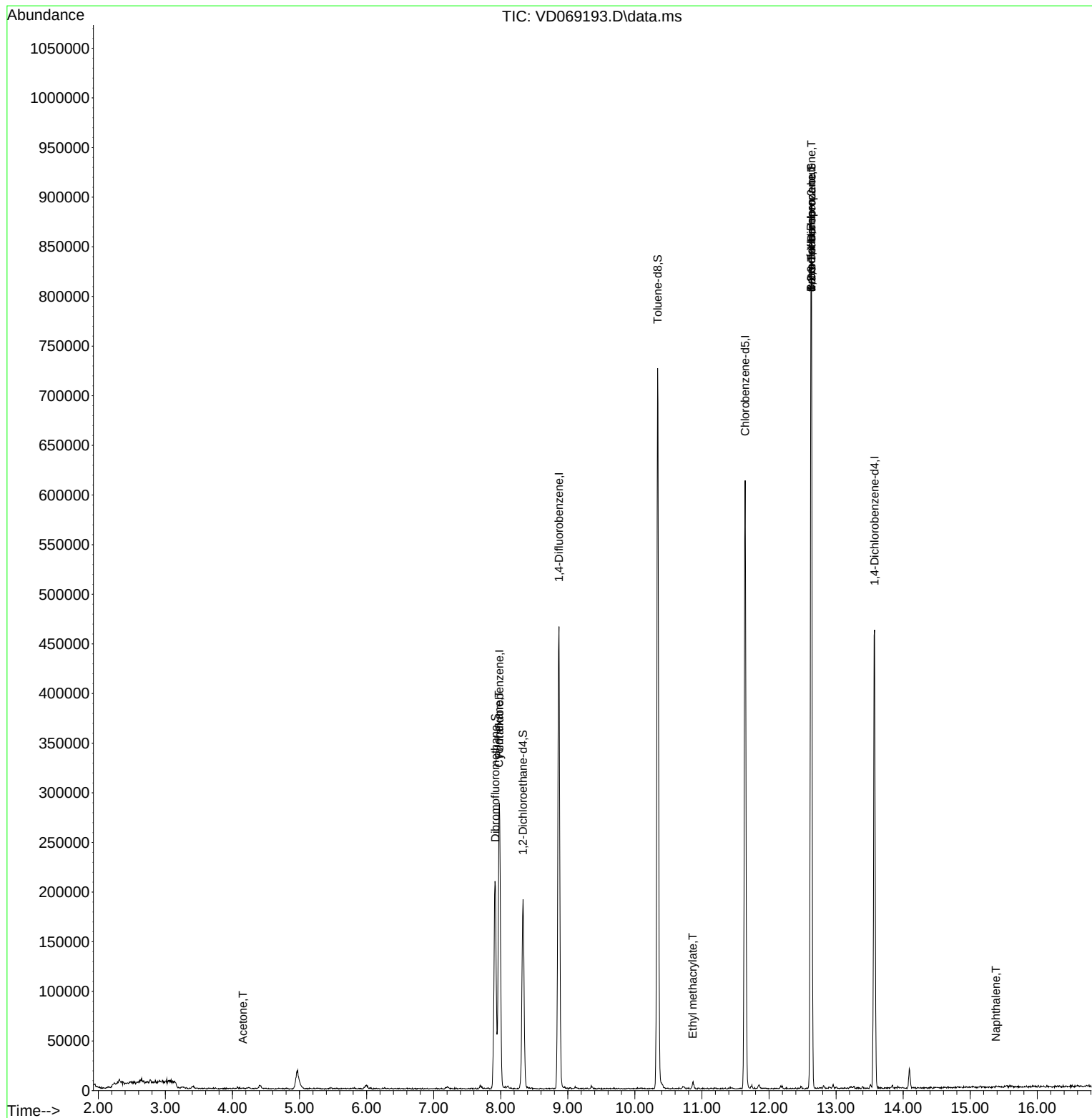
Internal Standards						
1) Pentafluorobenzene	7.979	168	210401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	402640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	365602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	125342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146322	69.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.74%
35) Dibromofluoromethane	7.920	113	147513	56.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.60%
50) Toluene-d8	10.338	98	498263	51.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.50%
62) 4-Bromofluorobenzene	12.632	95	145126	46.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.70%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	78	Below Cal	#	73
16) Acetone	4.156	43	394	1.22	ug/l #	81
20) Methylene Chloride	4.956	84	13861	Below Cal		98
31) Cyclohexane	7.973	56	5622	1.80	ug/l #	51
56) Ethyl methacrylate	10.861	69	186	1.39	ug/l #	1
71) Bromoform	12.626	173	1781	1.20	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	77947	82.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	77947	167.11	ug/l #	15
95) Naphthalene	15.385	128	1341	2.36	ug/l #	91

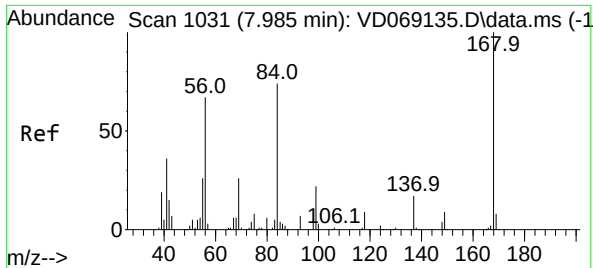
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069193.D
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Misc : 6.42G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 20 01:00:45 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

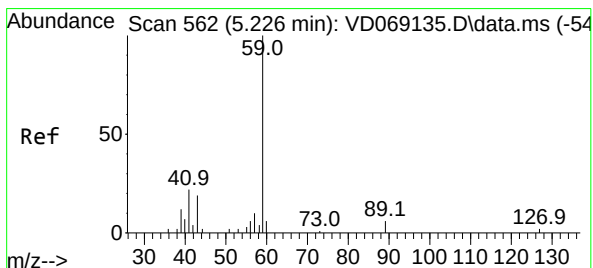
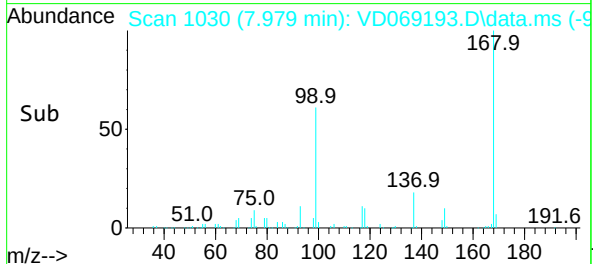
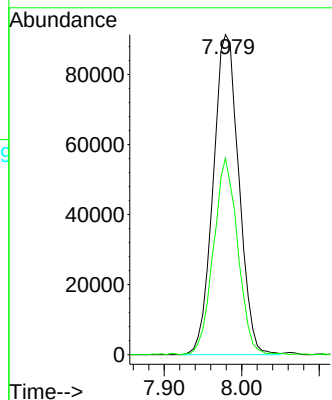
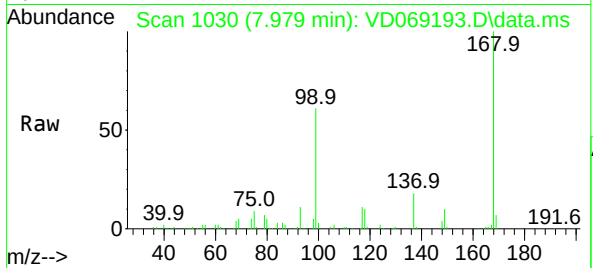




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

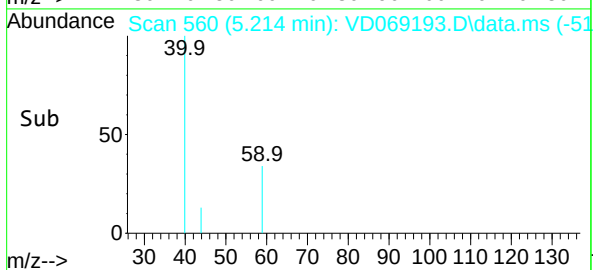
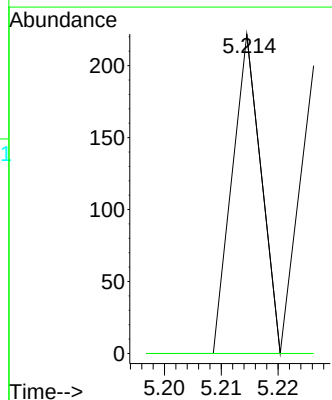
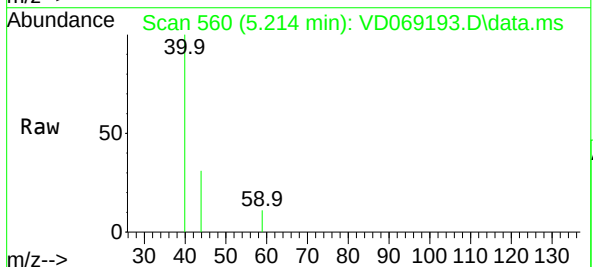
Instrument :
MSVOA_D
ClientSampled :

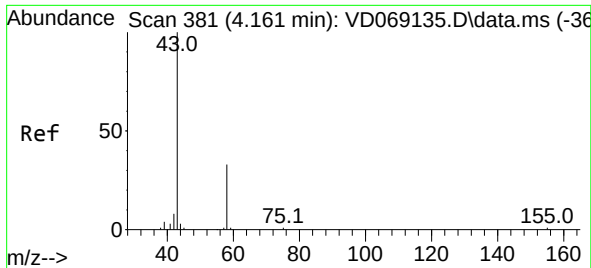
Tgt Ion:168 Resp: 210401
Ion Ratio Lower Upper
168 100
99 61.4 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

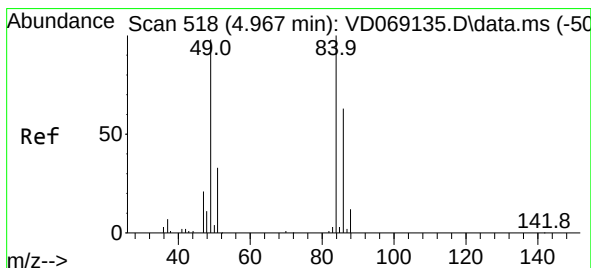
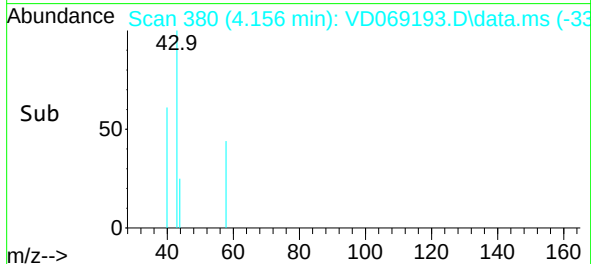
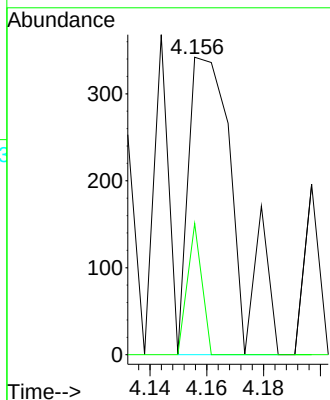
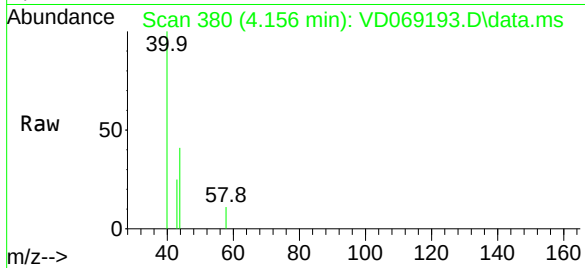




#16
Acetone
Concen: 1.22 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

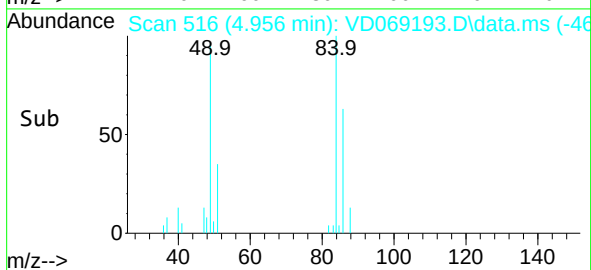
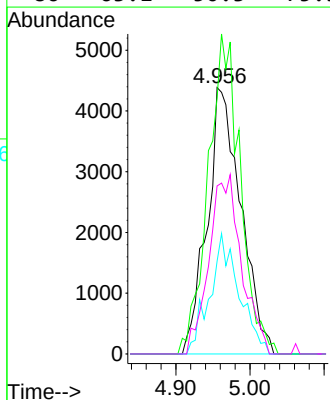
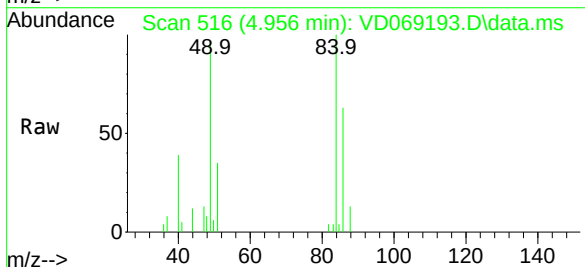
Instrument :
MSVOA_D
ClientSampled :

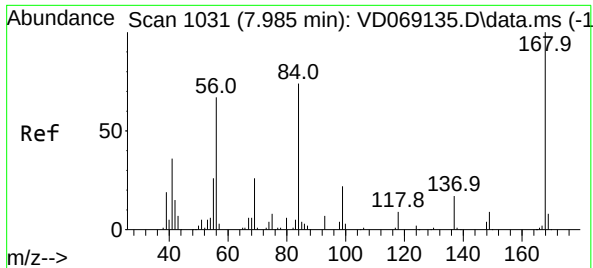
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 44.2 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

Tgt Ion: 84 Resp: 13861
Ion Ratio Lower Upper
84 100
49 96.0 78.6 117.8
51 34.8 26.7 40.1
86 63.1 50.3 75.5

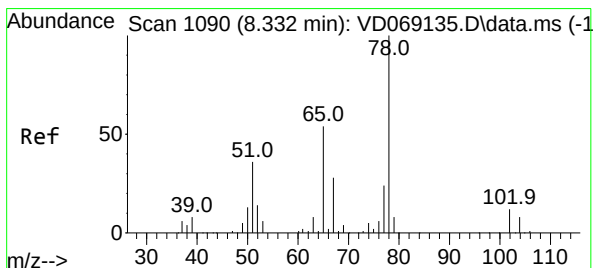
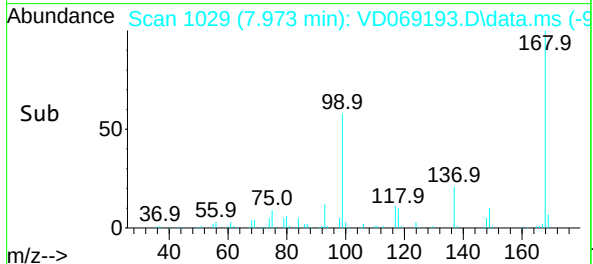
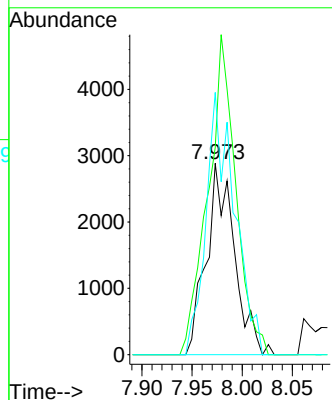
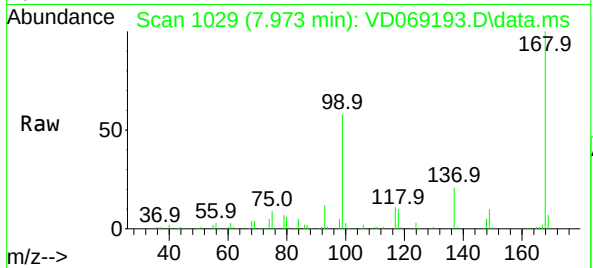




#31
Cyclohexane
Concen: 1.80 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

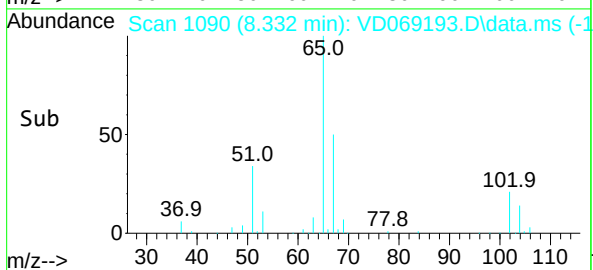
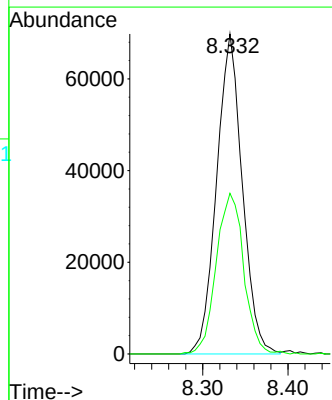
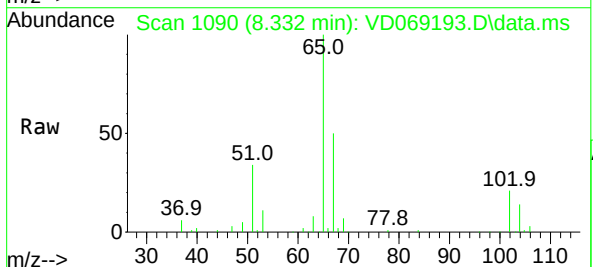
Instrument :
MSVOA_D
ClientSampleId :

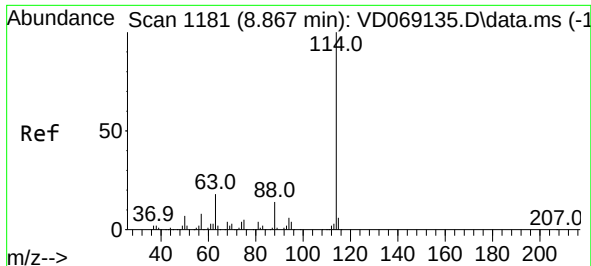
Tgt Ion: 56 Resp: 5622
Ion Ratio Lower Upper
56 100
69 108.3 30.6 46.0#
84 137.1 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 69.37 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

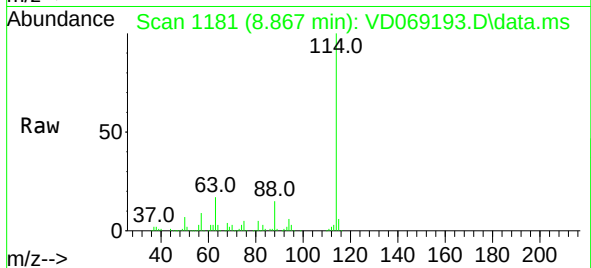
Tgt Ion: 65 Resp: 146322
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.0



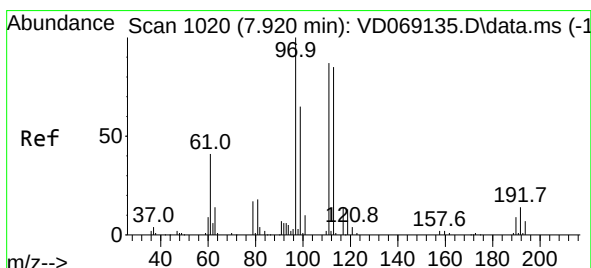
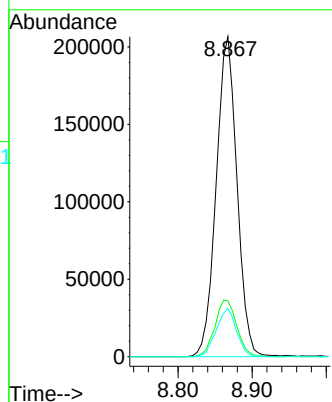
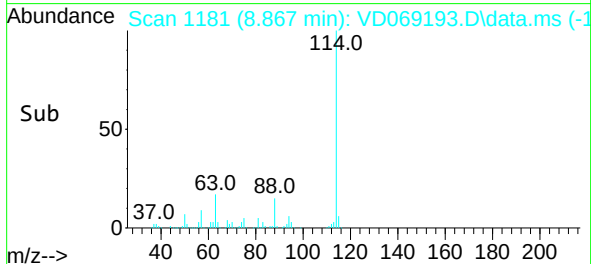


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

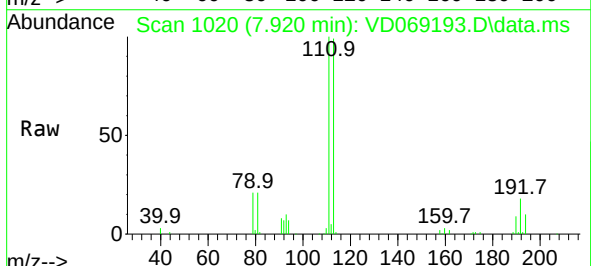
Instrument :
MSVOA_D
ClientSampled :



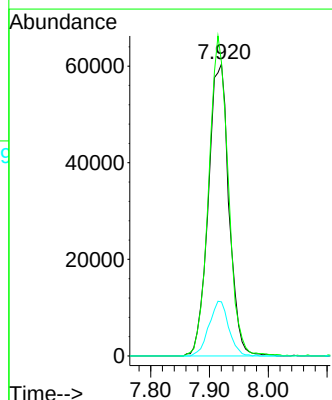
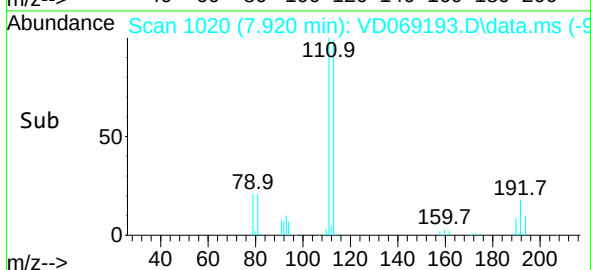
Tgt Ion:114 Resp: 402640
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 15.1 0.0 28.2

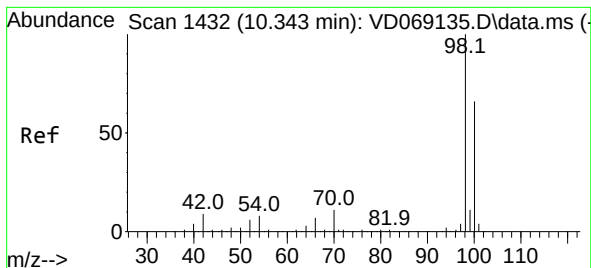


#35
Dibromofluoromethane
Concen: 56.30 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36



Tgt Ion:113 Resp: 147513
Ion Ratio Lower Upper
113 100
111 103.9 80.6 120.8
192 18.0 14.8 22.2

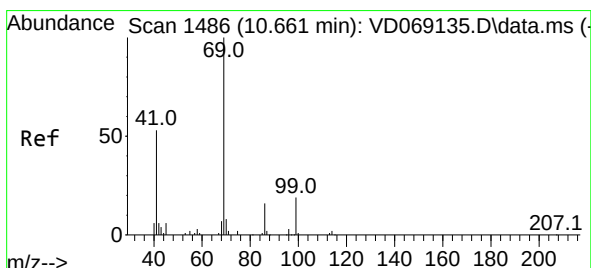
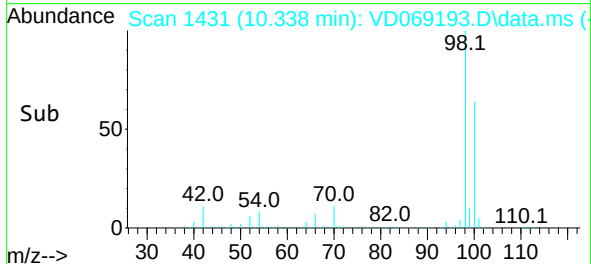
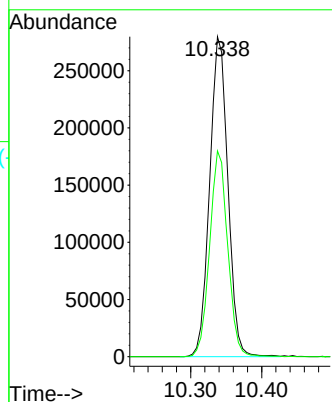
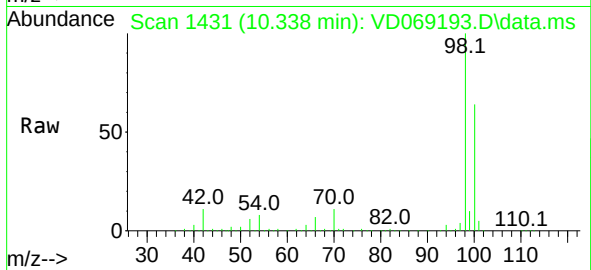




#50
Toluene-d8
Concen: 51.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

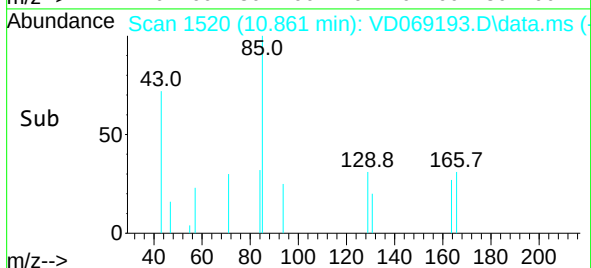
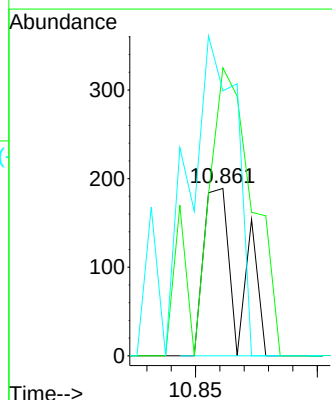
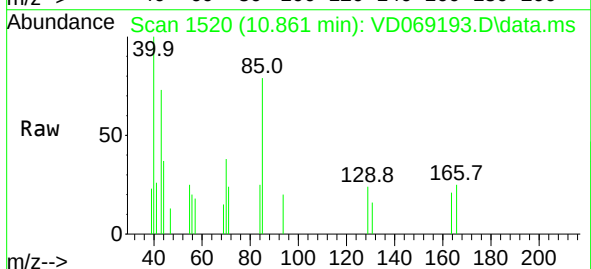
Instrument :
MSVOA_D
ClientSampleId :

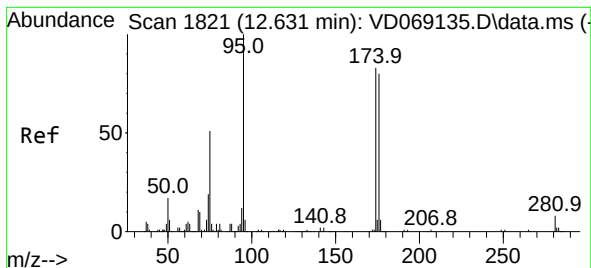
Tgt Ion: 98 Resp: 498263
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.39 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. 0.200 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

Tgt Ion: 69 Resp: 186
Ion Ratio Lower Upper
69 100
41 244.6 42.2 63.2#
39 290.9 26.3 39.5#

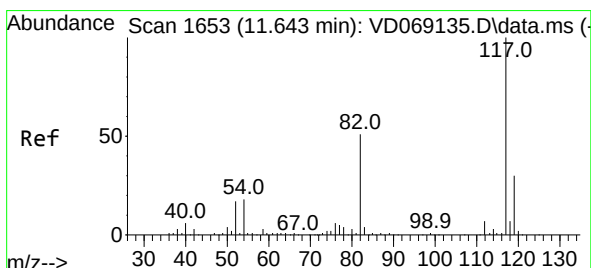
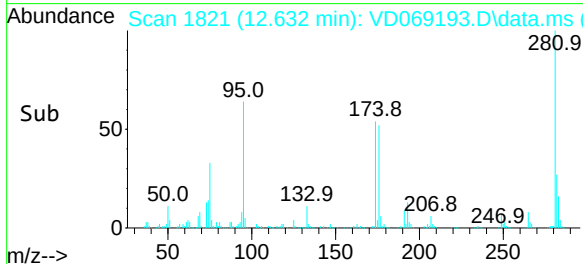
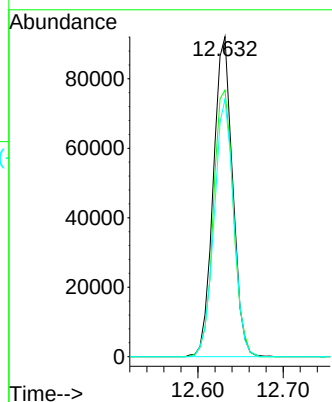
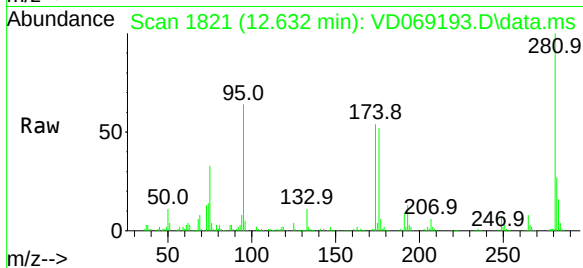




#62
4-Bromofluorobenzene
Concen: 46.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

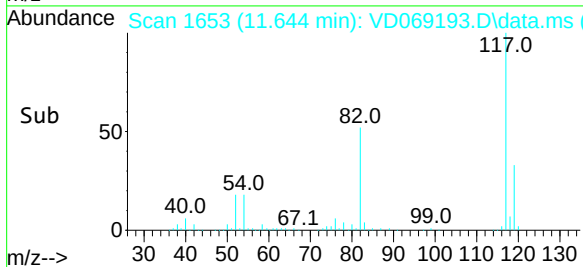
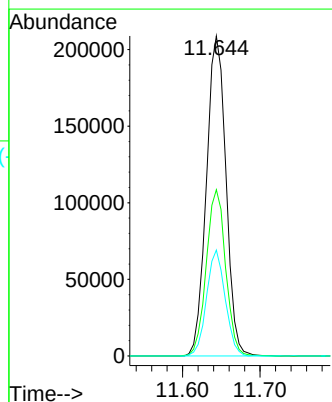
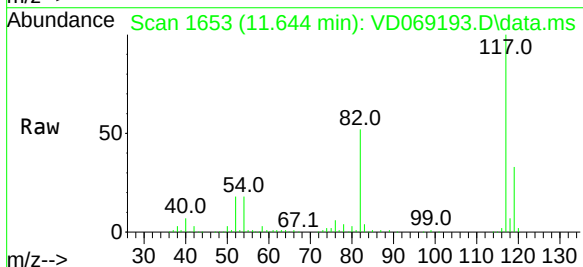
Instrument :
MSVOA_D
ClientSampleId :

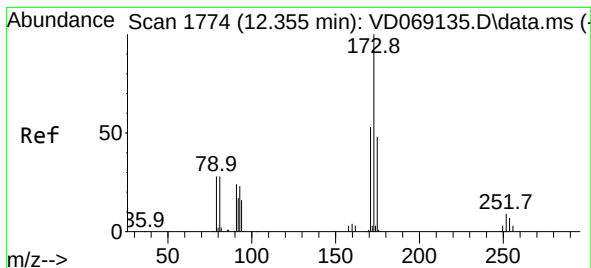
Tgt Ion: 95 Resp: 145126
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.8
176 81.5 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

Tgt Ion: 117 Resp: 365602
Ion Ratio Lower Upper
117 100
82 52.0 40.5 60.7
119 33.1 24.2 36.4





#71

Bromoform

Concen: 1.20 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.271 min

Lab File: VD069193.D

Acq: 19 May 2021 13:36

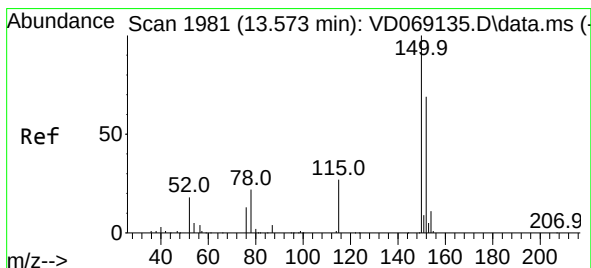
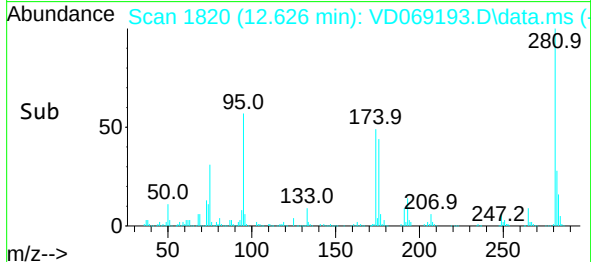
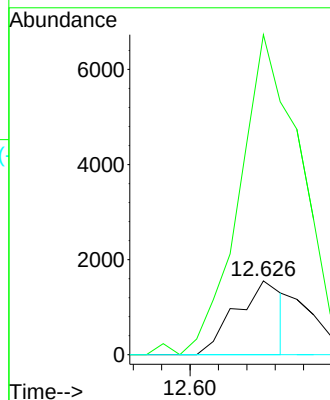
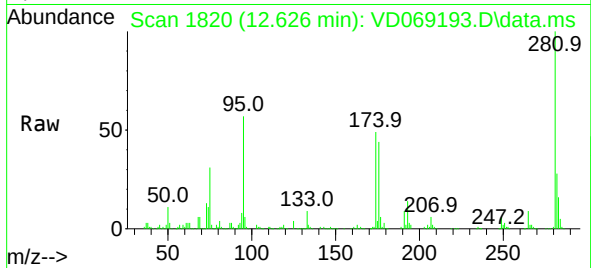
Tgt Ion:173 Resp: 1781

Ion Ratio Lower Upper

173 100

175 403.3 24.3 73.0#

254 0.0 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: VD069193.D

Acq: 19 May 2021 13:36

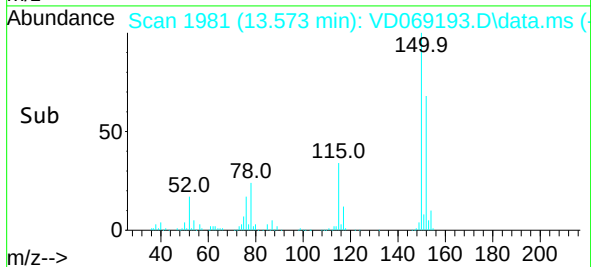
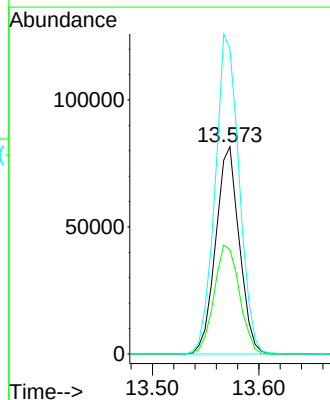
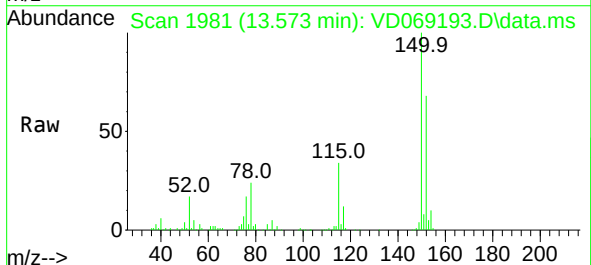
Tgt Ion:152 Resp: 125342

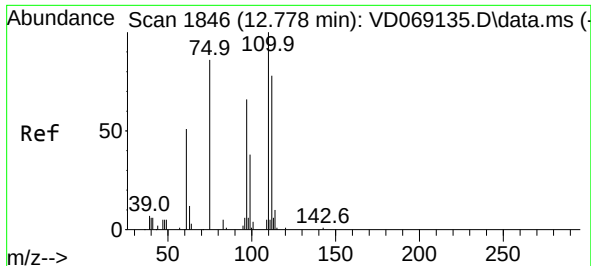
Ion Ratio Lower Upper

152 100

115 56.5 29.9 89.8

150 157.2 0.0 350.2

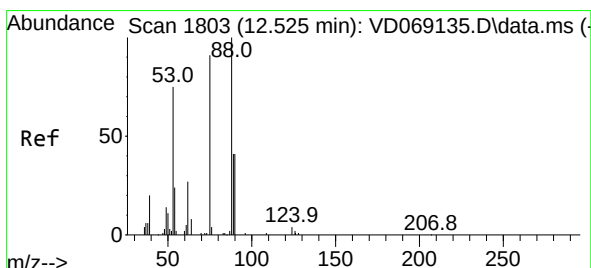
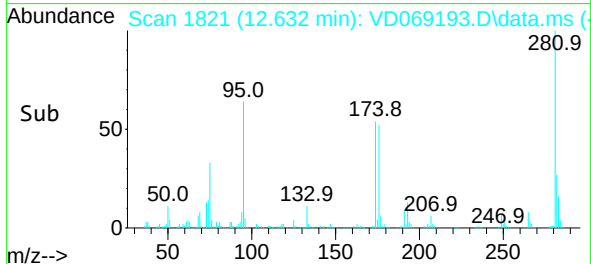
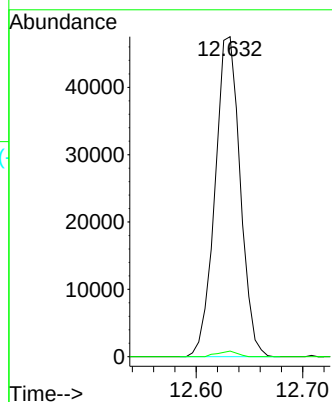
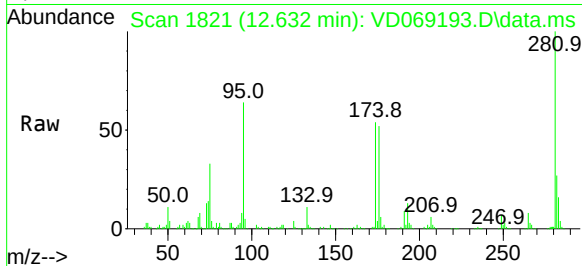




#76
1,2,3-Trichloropropane
Concen: 82.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

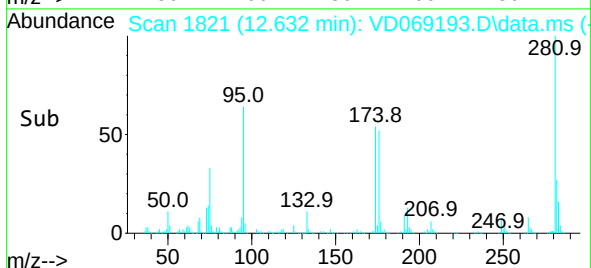
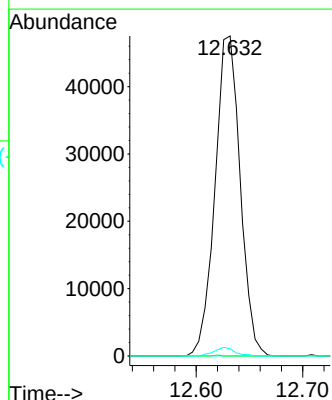
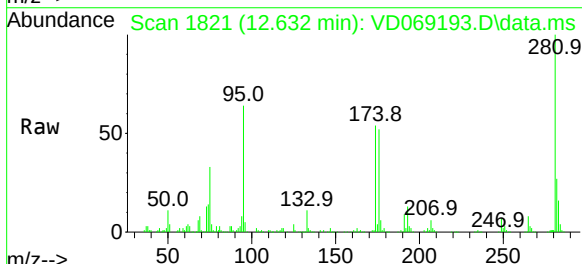
Instrument :
MSVOA_D
ClientSampled :

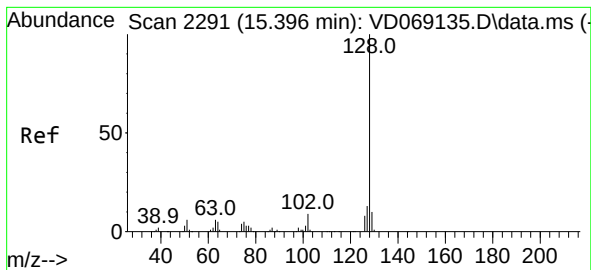
Tgt Ion: 75 Resp: 77947
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

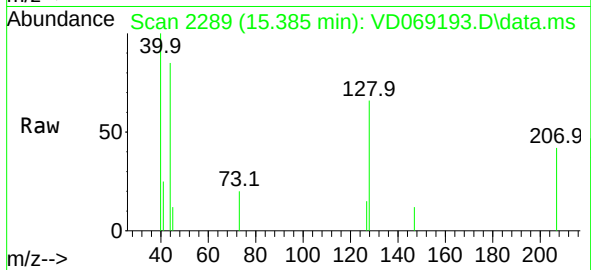
Tgt Ion: 75 Resp: 77947
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 2.2 40.2 60.2#





#95
Naphthalene
Concen: 2.36 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069193.D
Acq: 19 May 2021 13:36

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.5	15.7
129	5.7	8.9	13.3#

