

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069076.D
 Acq On : 06 May 2021 15:00
 Operator : VA/SY
 Sample : VD0506SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 07 01:09:43 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)

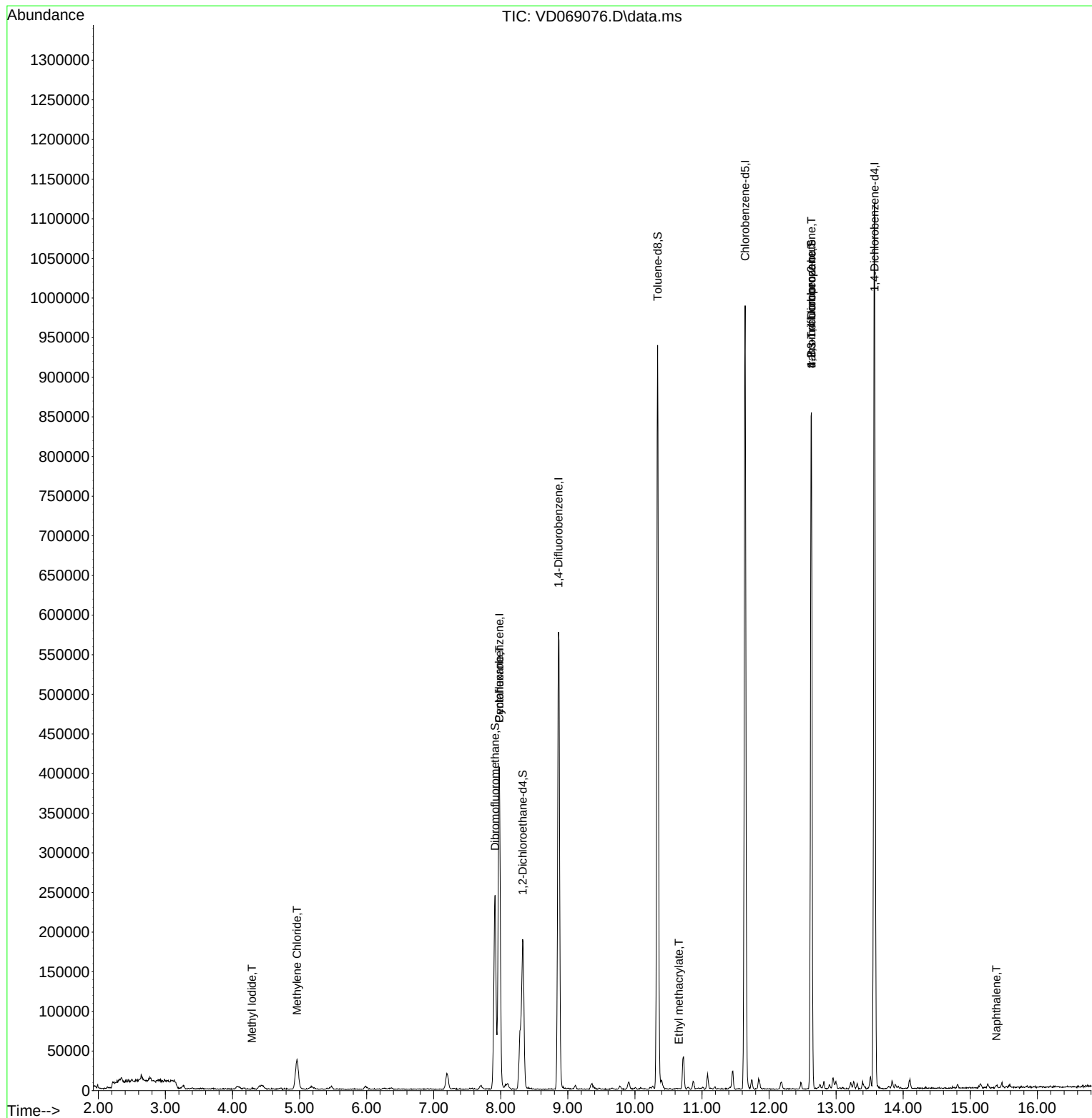
Internal Standards						
1) Pentafluorobenzene	7.979	168	297834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	514857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	579899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	146180	38.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.16%
35) Dibromofluoromethane	7.914	113	167046	47.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.62%
50) Toluene-d8	10.338	98	632258	48.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.02%
62) 4-Bromofluorobenzene	12.632	95	268212	62.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.12%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	1457	3.61	ug/l #	47
11) Tert butyl alcohol	5.220	59	818	Below Cal	#	93
16) Acetone	4.156	43	1698	Below Cal	#	44
20) Methylene Chloride	4.962	84	31693	1.91	ug/l	91
31) Cyclohexane	7.979	56	9011	1.62	ug/l #	36
56) Ethyl methacrylate	10.655	69	535	2.52	ug/l #	82
76) 1,2,3-Trichloropropane	12.632	75	140149	52.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	140149	114.29	ug/l #	9
95) Naphthalene	15.390	128	3053	3.11	ug/l	96

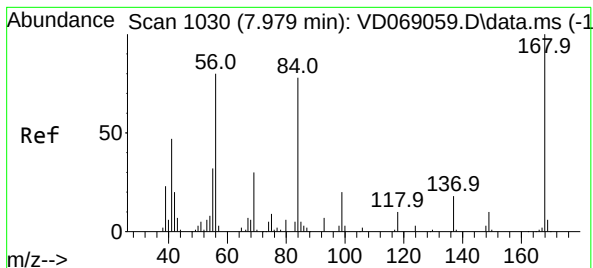
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
Data File : VD069076.D
Acq On : 06 May 2021 15:00
Operator : VA/SY
Sample : VD0506SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 07 01:09:43 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

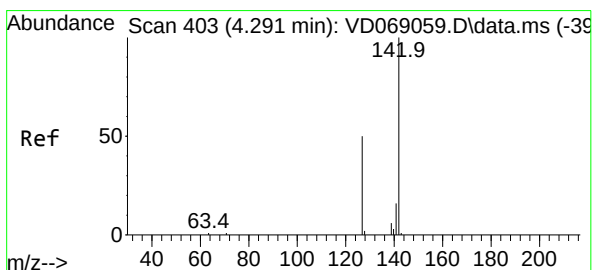
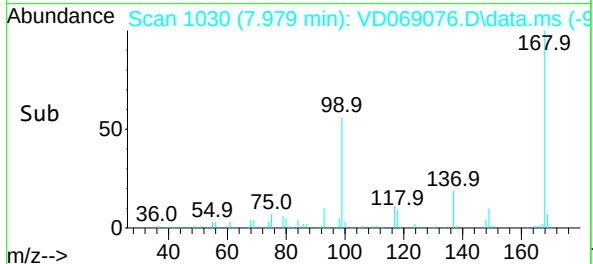
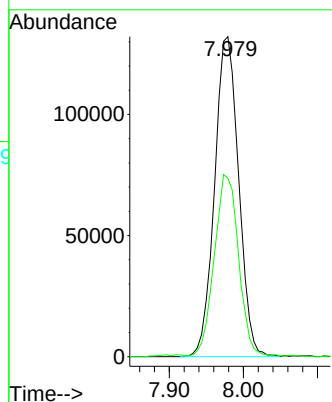
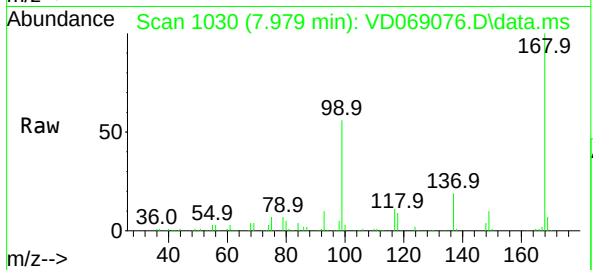




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

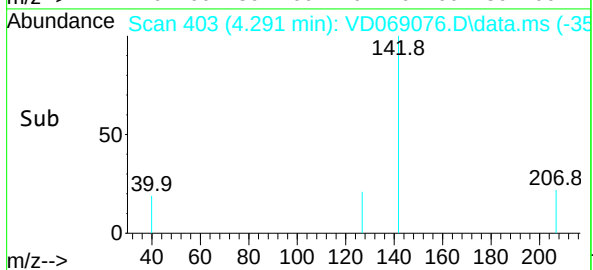
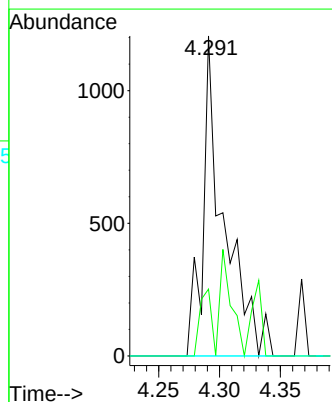
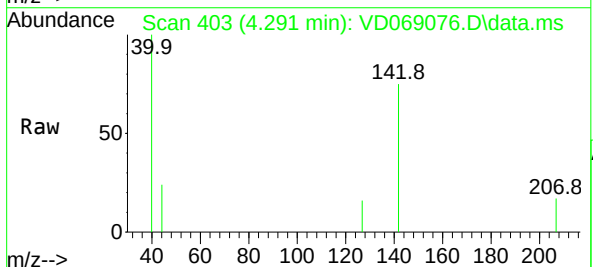
Instrument :
MSVOA_D
ClientSampleId :

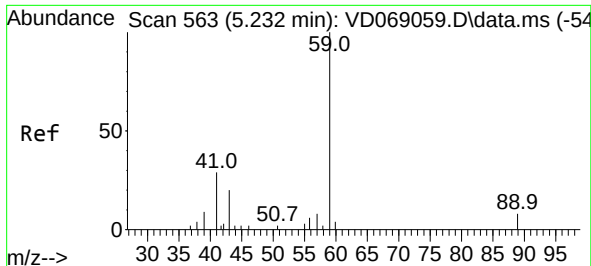
Tgt Ion:168 Resp: 297834
Ion Ratio Lower Upper
168 100
99 55.5 52.6 78.8



#10
Methyl Iodide
Concen: 3.61 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

Tgt Ion:142 Resp: 1457
Ion Ratio Lower Upper
142 100
127 11.3 41.6 62.4#
141 0.0 12.2 18.4#



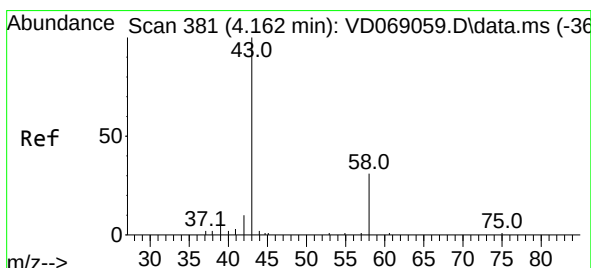
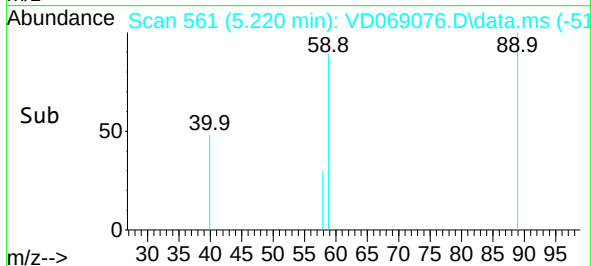
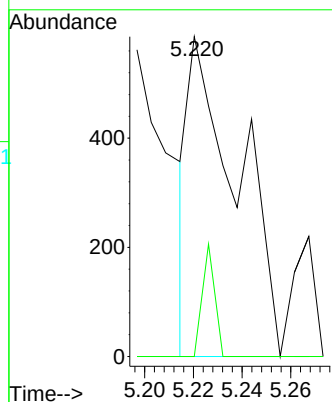
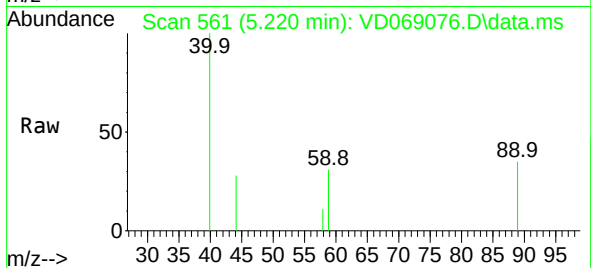


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.012 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

Instrument :
MSVOA_D
ClientSampled :

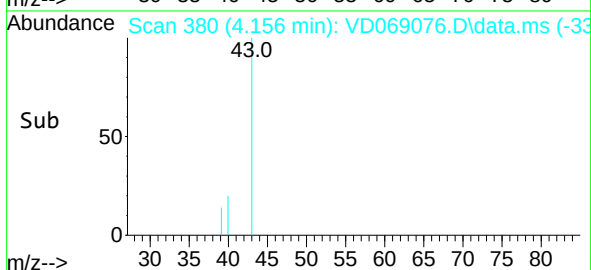
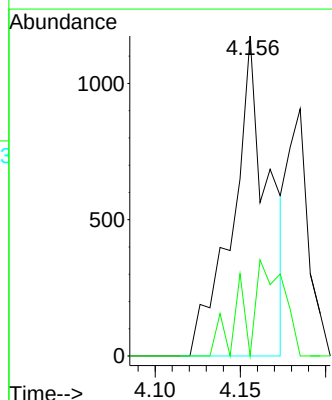
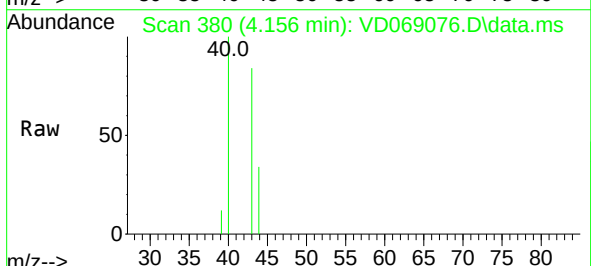
Tgt Ion: 59 Resp: 818
Ion Ratio Lower Upper
59 100
57 8.9 5.3 7.9#

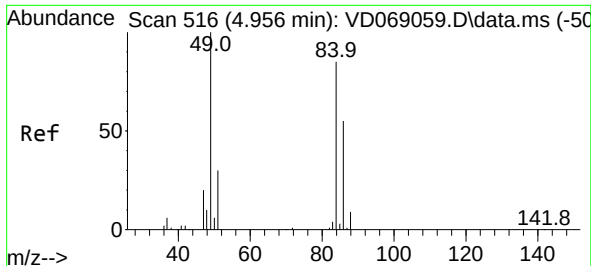


#16

Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

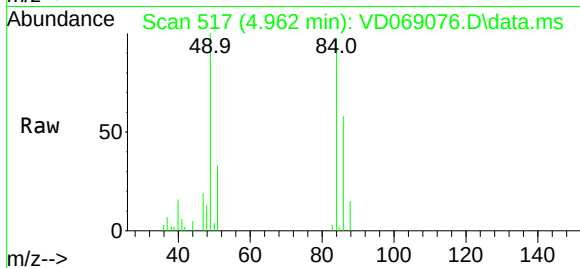
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



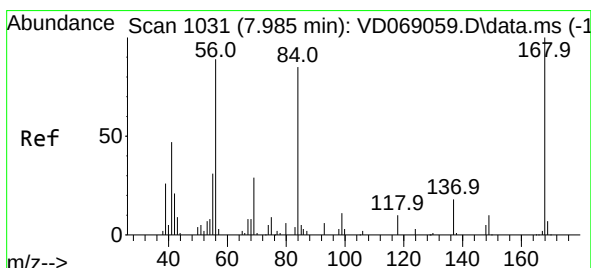
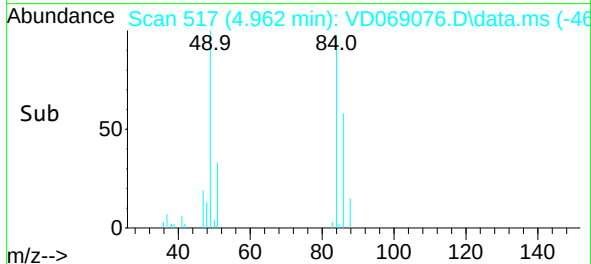
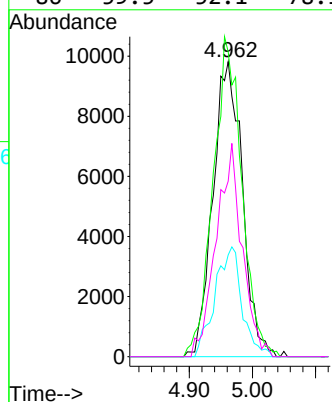


#20
Methylene Chloride
Concen: 1.91 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

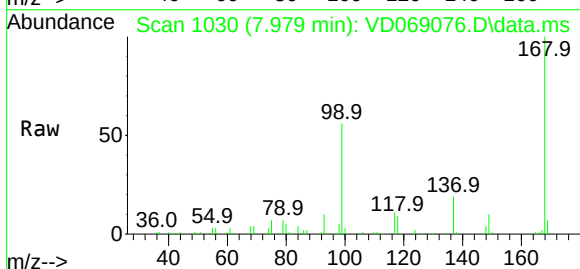
Instrument :
MSVOA_D
ClientSampled :



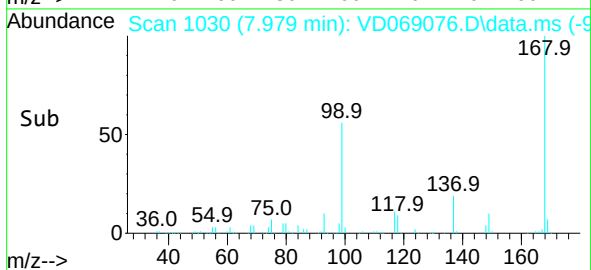
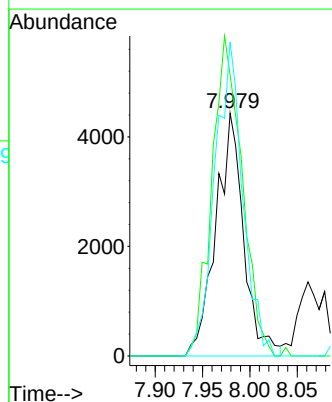
Tgt Ion:	84	Resp:	31693
Ion	Ratio	Lower	Upper
84	100		
49	103.3	93.9	140.9
51	34.5	27.9	41.9
86	59.5	52.1	78.1

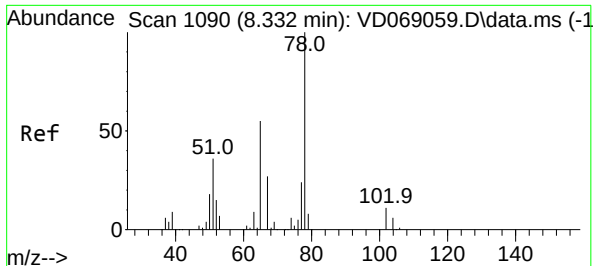


#31
Cyclohexane
Concen: 1.62 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00



Tgt Ion:	56	Resp:	9011
Ion	Ratio	Lower	Upper
56	100		
69	115.7	26.3	39.5#
84	129.4	75.9	113.9#

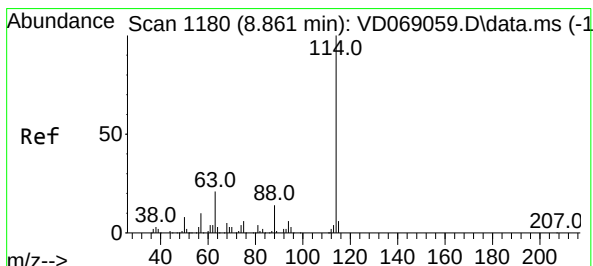
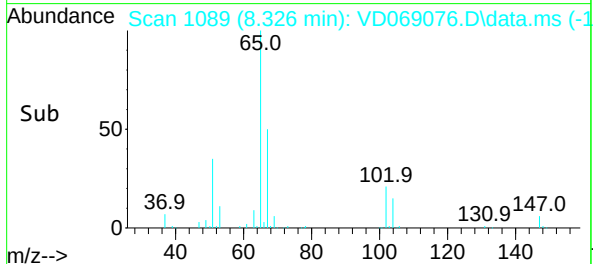
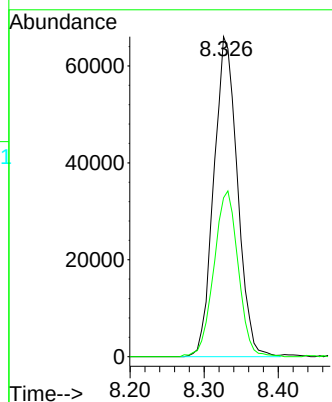
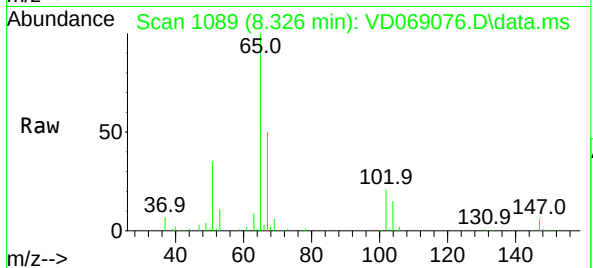




#33
1,2-Dichloroethane-d4
Concen: 38.08 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

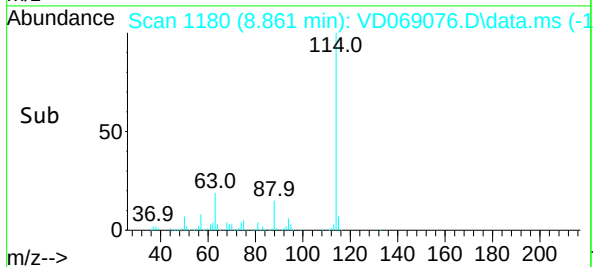
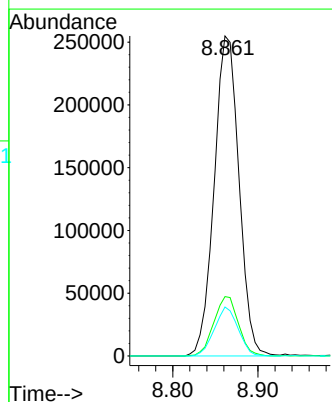
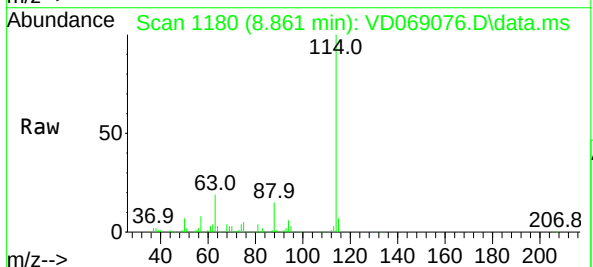
Instrument :
MSVOA_D
ClientSampleId :

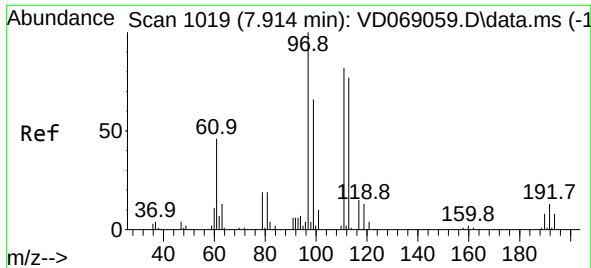
Tgt Ion: 65 Resp: 146180
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

Tgt Ion: 114 Resp: 514857
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.4
88 15.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 47.31 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069076.D

Acq: 06 May 2021 15:00

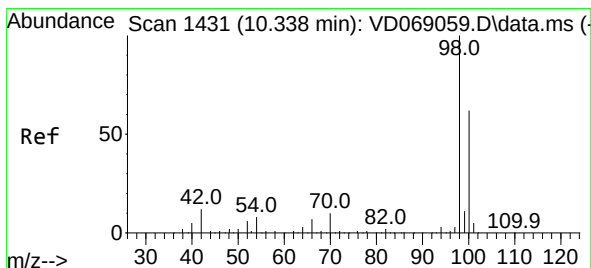
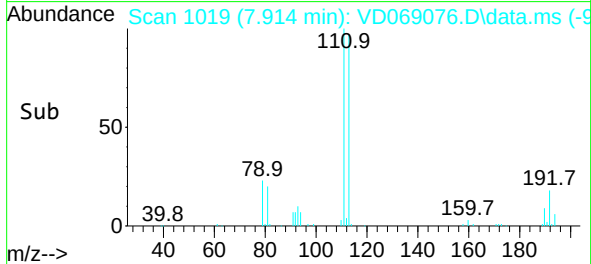
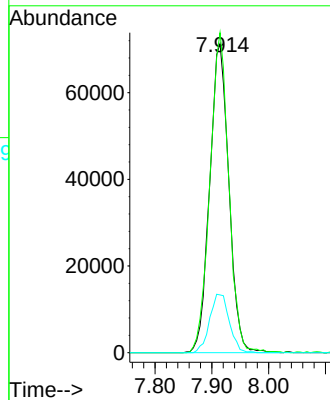
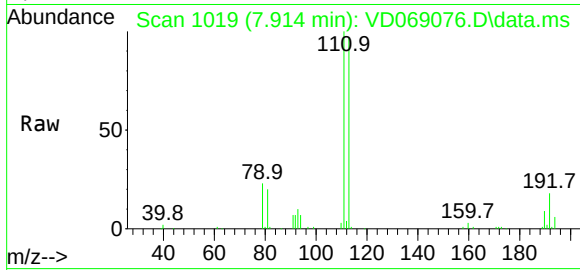
Tgt Ion:113 Resp: 167046

Ion Ratio Lower Upper

113 100

111 101.5 84.6 126.8

192 19.3 13.5 20.3



#50

Toluene-d8

Concen: 48.51 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069076.D

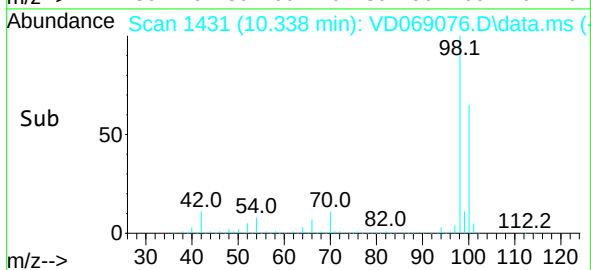
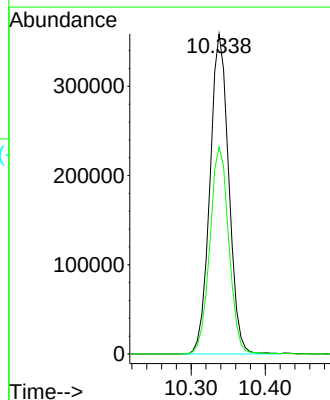
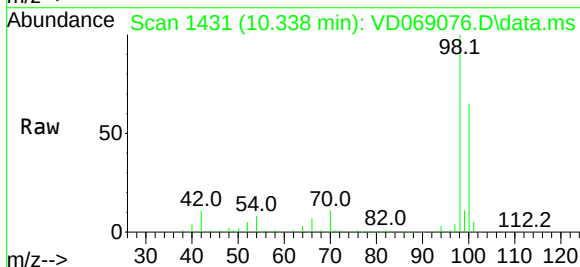
Acq: 06 May 2021 15:00

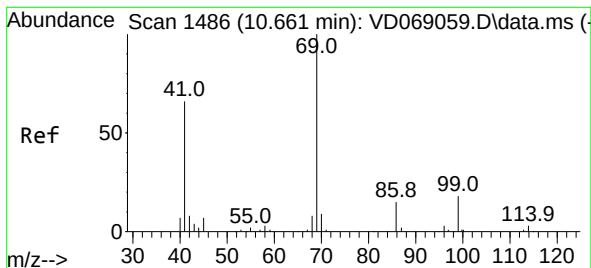
Tgt Ion: 98 Resp: 632258

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4

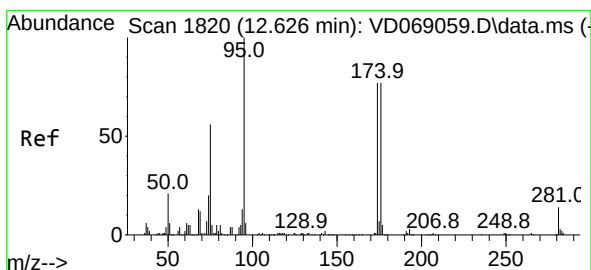
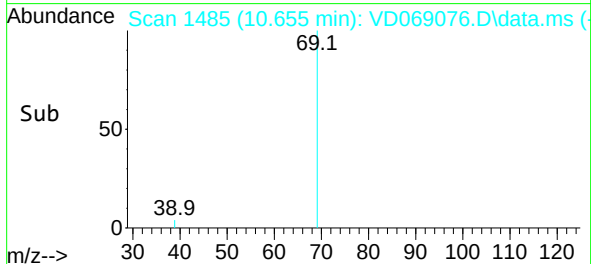
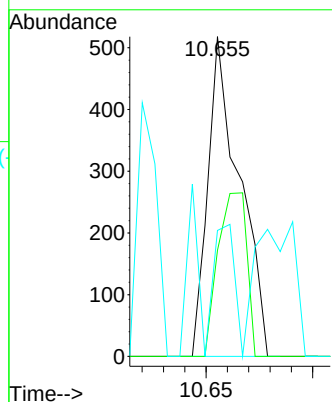
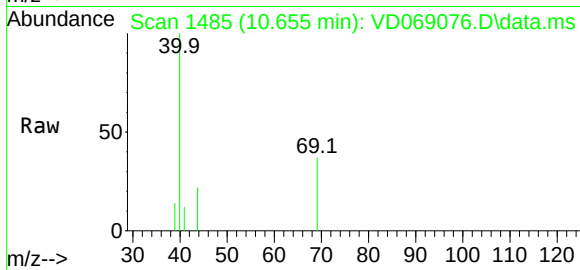




#56
Ethyl methacrylate
Concen: 2.52 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

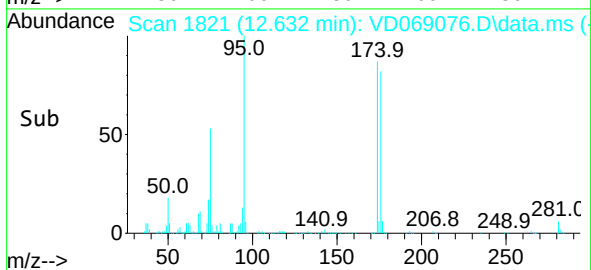
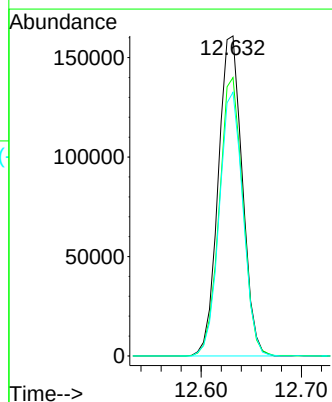
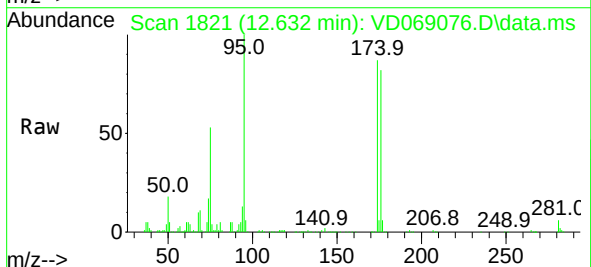
Instrument :
MSVOA_D
ClientSampleId :

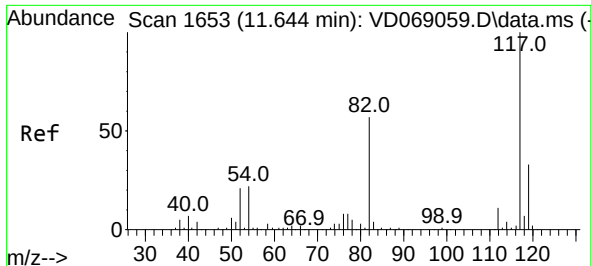
Tgt Ion: 69 Resp: 535
Ion Ratio Lower Upper
69 100
41 46.2 49.2 73.8#
39 27.7 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 62.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

Tgt Ion: 95 Resp: 268212
Ion Ratio Lower Upper
95 100
174 85.1 0.0 156.0
176 81.2 0.0 149.4

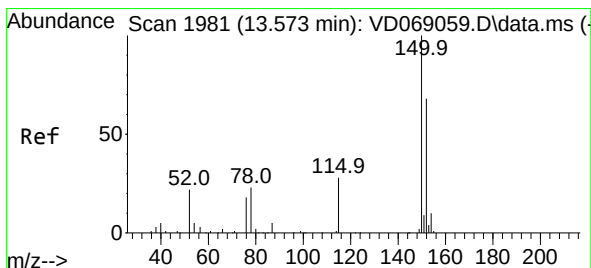
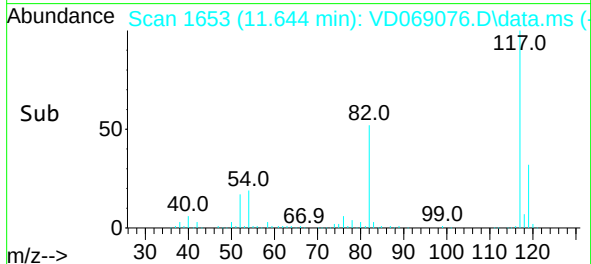
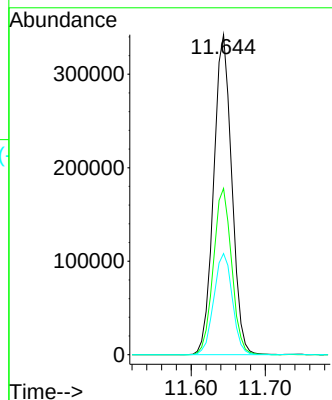
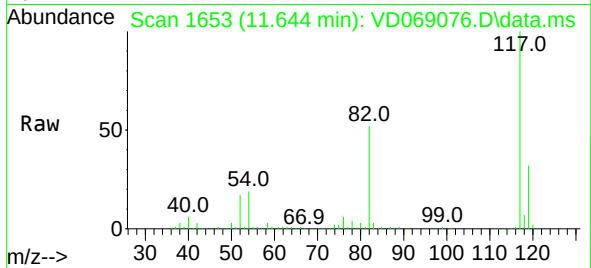




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

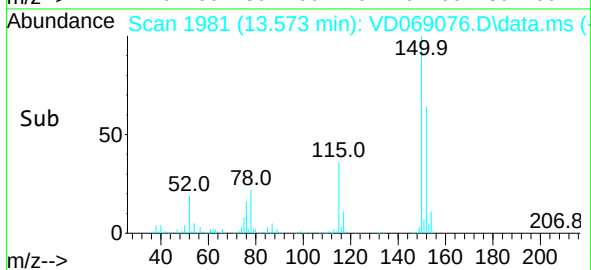
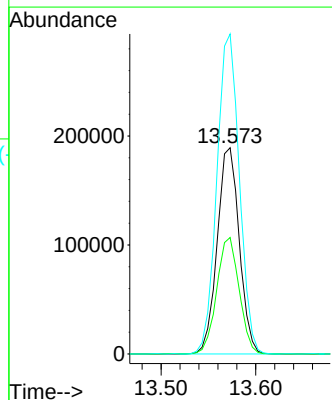
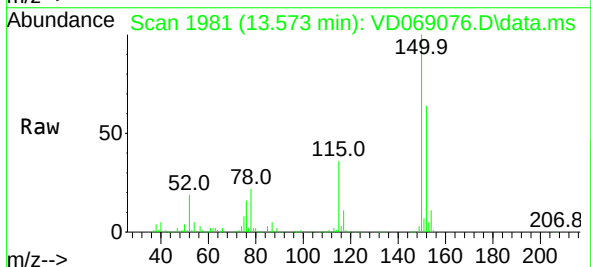
Instrument :
MSVOA_D
ClientSampleId :

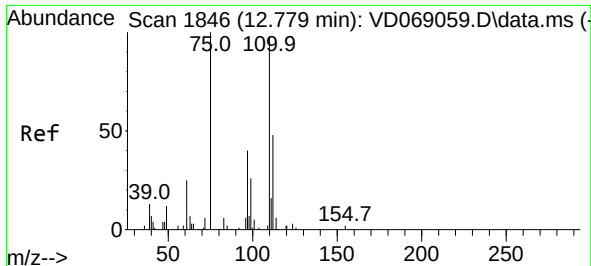
Tgt Ion:117 Resp: 579899
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.2
119 31.6 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

Tgt Ion:152 Resp: 306496
Ion Ratio Lower Upper
152 100
115 57.4 30.5 91.5
150 158.0 0.0 340.8

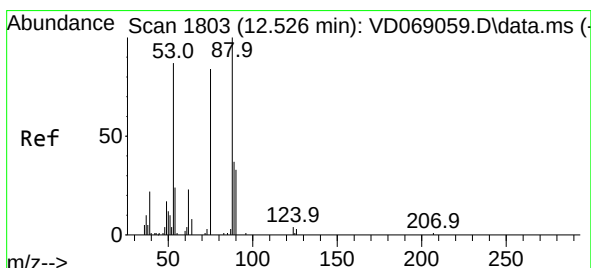
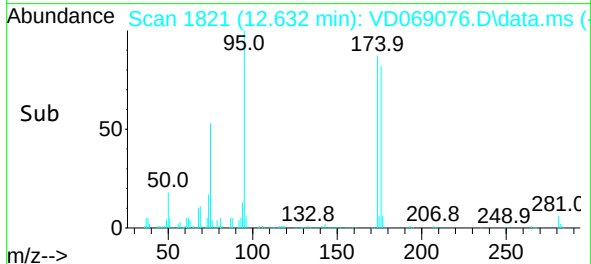
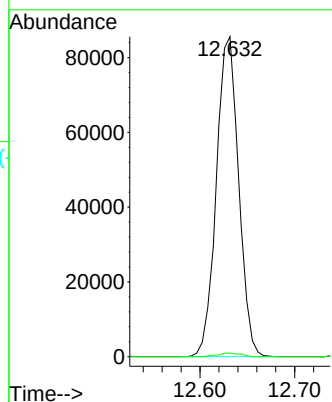
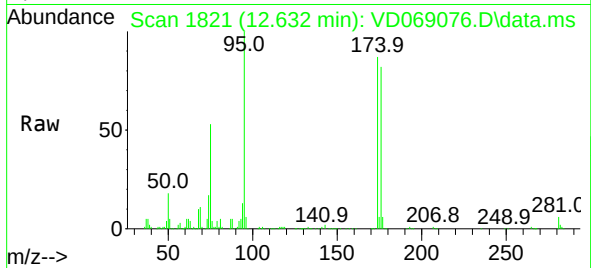




#76
1,2,3-Trichloropropane
Concen: 52.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

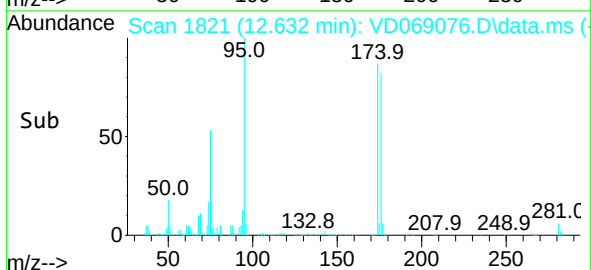
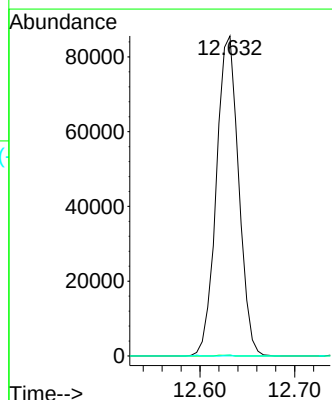
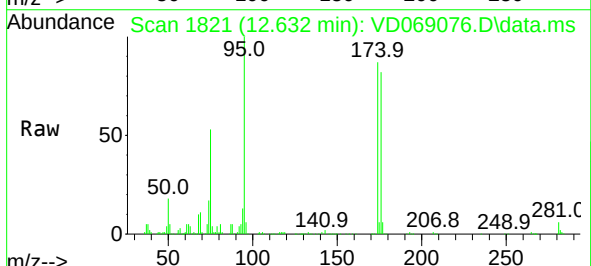
Instrument :
MSVOA_D
ClientSampleId :

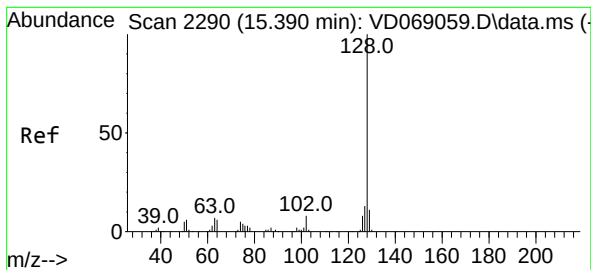
Tgt Ion: 75 Resp: 140149
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

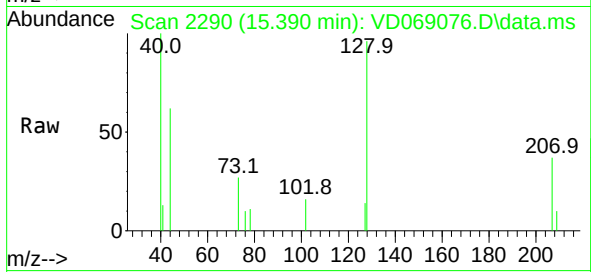
Tgt Ion: 75 Resp: 140149
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.1 37.8 56.8#





#95
Naphthalene
Concen: 3.11 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069076.D
Acq: 06 May 2021 15:00

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	128	Resp:	3053
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.7	16.1
129	9.1	8.5	12.7

