

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069389.D
 Acq On : 08 Jun 2021 13:53
 Operator : VA/SY
 Sample : M2648-01
 Misc : 4.1G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 09 02:09:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

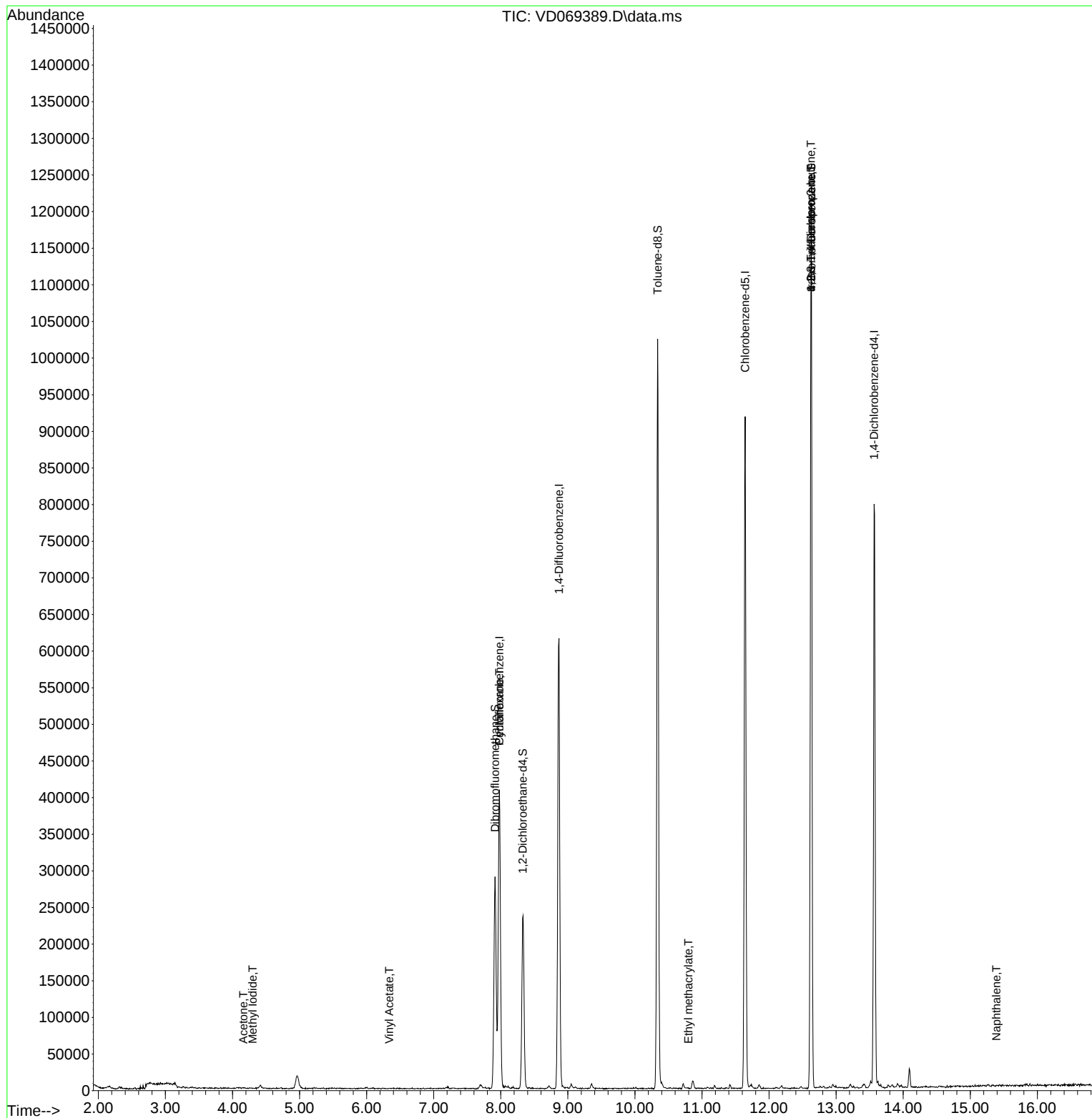
Internal Standards						
1) Pentafluorobenzene	7.979	168	305364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	565696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	561186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191117	65.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.460%	
35) Dibromofluoromethane	7.914	113	203383	57.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.500%	
50) Toluene-d8	10.338	98	708047	54.811	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.632	95	232920	55.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.060%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	429	2.628	ug/l #	39
11) Tert butyl alcohol	5.226	59	270	Below Cal	#	73
16) Acetone	4.161	43	1889	3.694	ug/l	98
20) Methylene Chloride	4.967	84	14995	Below Cal	#	84
23) Vinyl Acetate	6.338	43	64	11.625	ug/l #	67
31) Cyclohexane	7.979	56	7546	1.621	ug/l #	40
56) Ethyl methacrylate	10.796	69	120	2.671	ug/l #	78
76) 1,2,3-Trichloropropane	12.626	75	118703	60.452	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	118703	133.962	ug/l #	19
95) Naphthalene	15.390	128	663	3.382	ug/l #	69

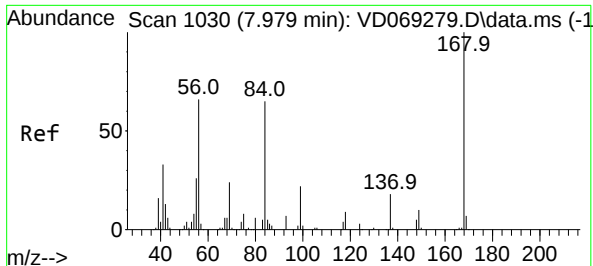
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 09 02:09:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

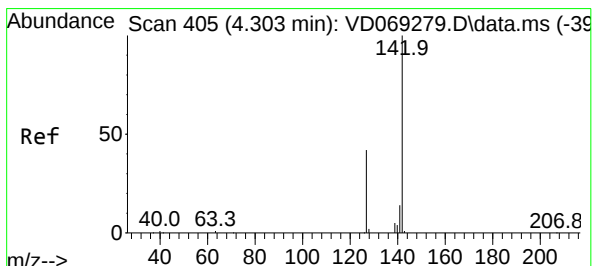
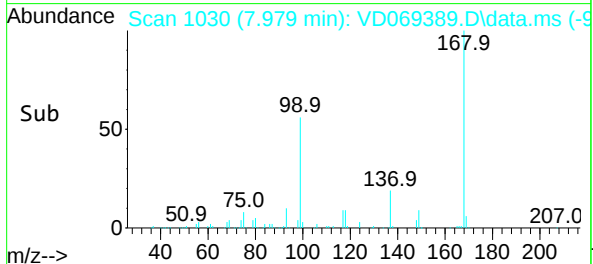
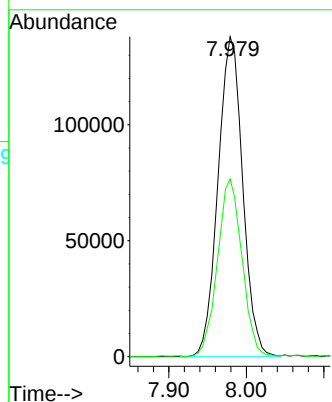
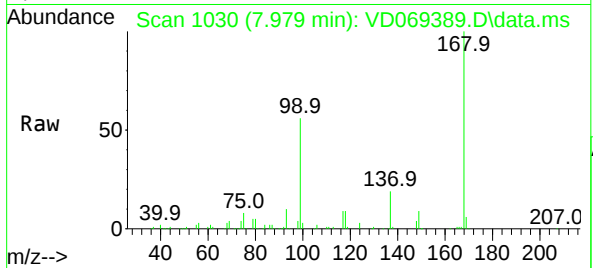




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

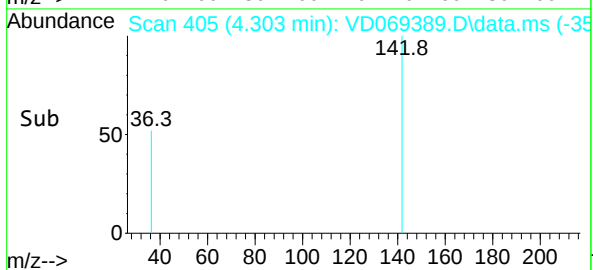
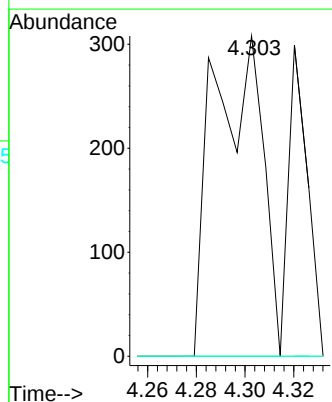
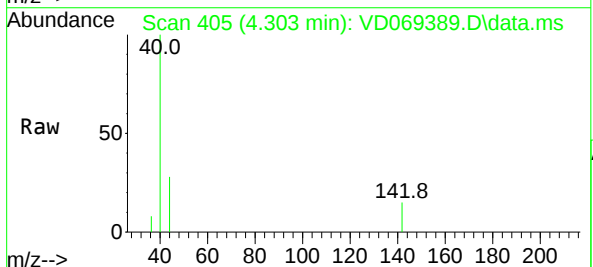
Instrument :
MSVOA_D
ClientSampleId :

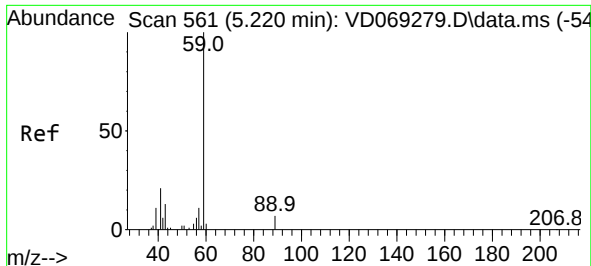
Tgt Ion:168 Resp: 305364
Ion Ratio Lower Upper
168 100
99 55.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.628 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion:142 Resp: 429
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

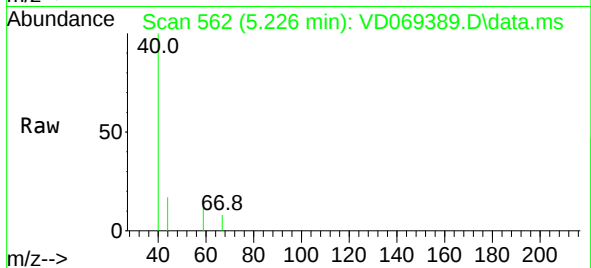




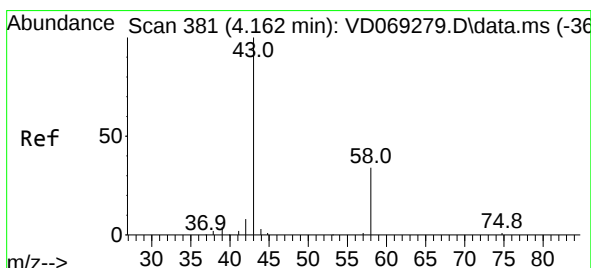
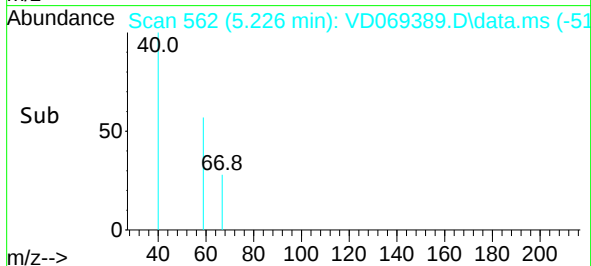
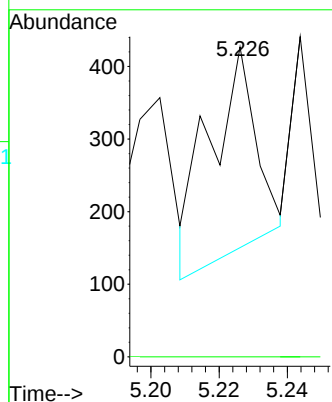
#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Instrument :
MSVOA_D
ClientSampled :



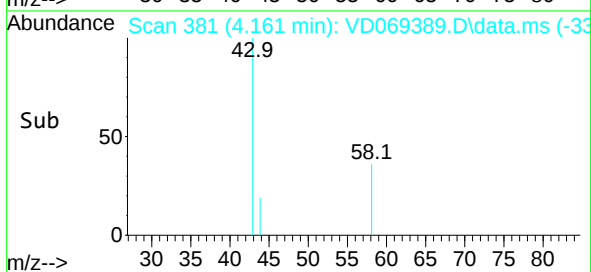
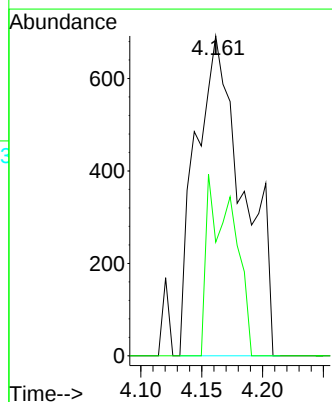
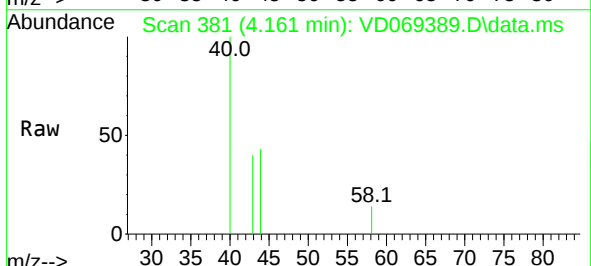
Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

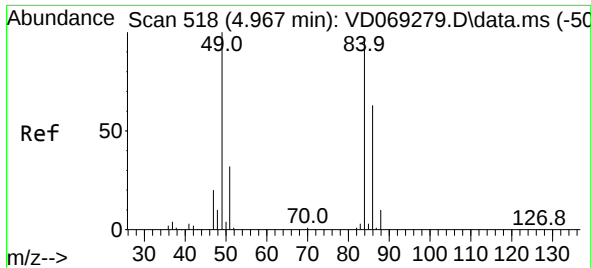


#16

Acetone
Concen: 3.694 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
58 35.5 27.5 41.3

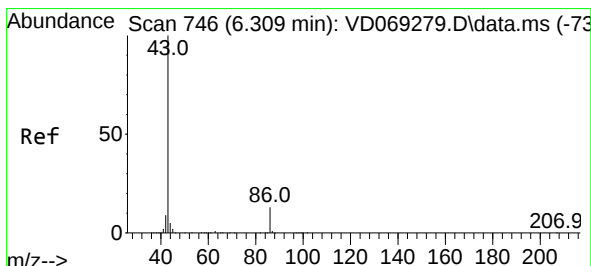
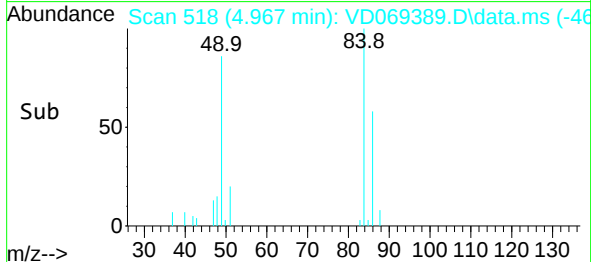
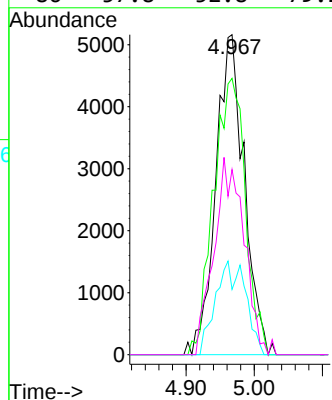
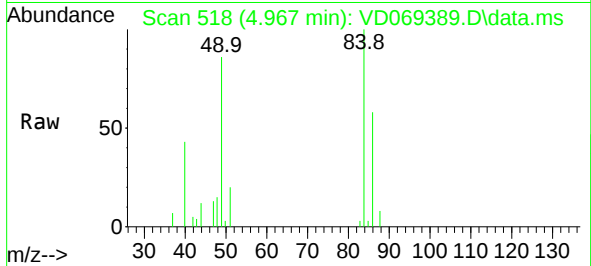




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

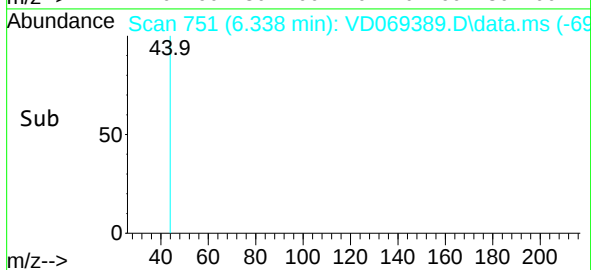
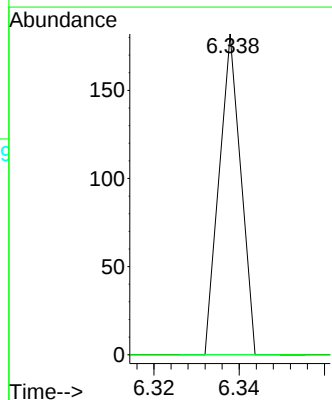
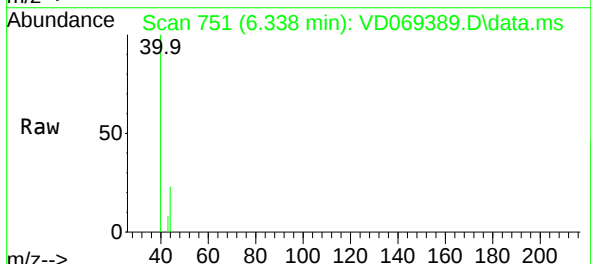
Instrument :
MSVOA_D
ClientSampled :

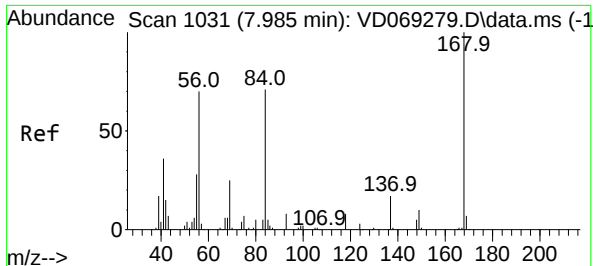
Tgt Ion:	84	Resp:	14995
Ion	Ratio	Lower	Upper
84	100		
49	86.4	83.7	125.5
51	20.4	26.4	39.6#
86	57.8	52.8	79.2



#23
Vinyl Acetate
Concen: 11.625 ug/l
RT: 6.338 min Scan# 751
Delta R.T. 0.029 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion:	43	Resp:	64
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

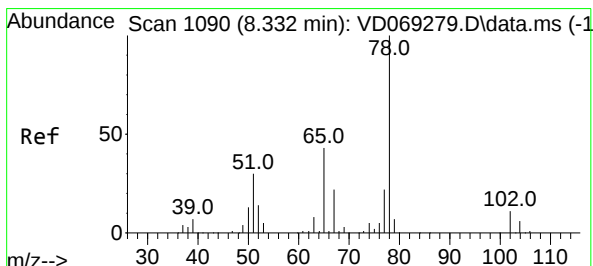
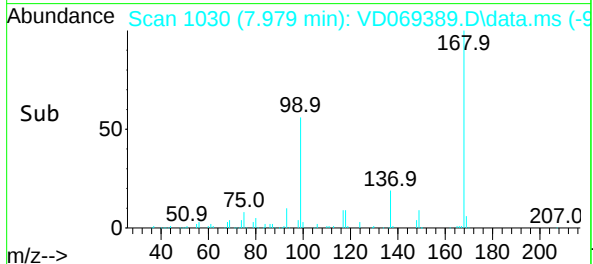
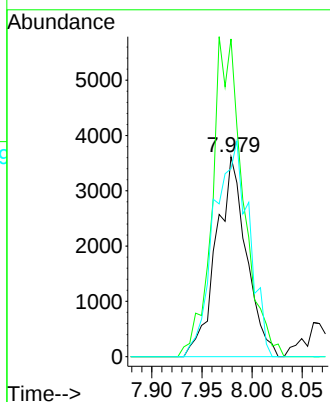
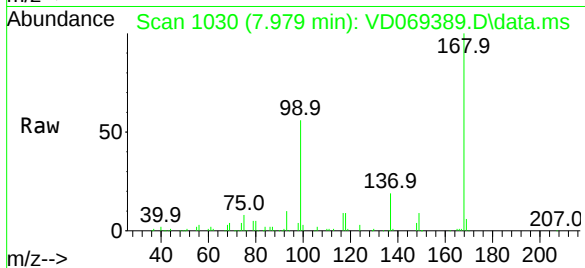




#31
Cyclohexane
Concen: 1.621 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

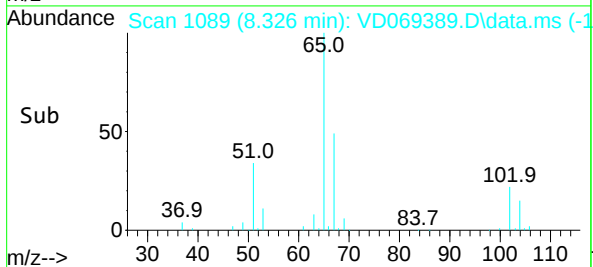
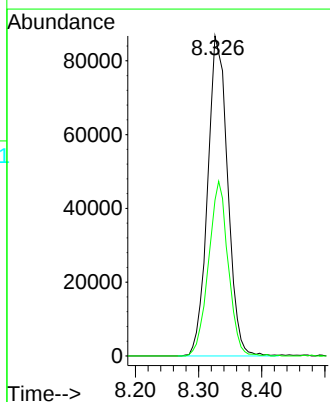
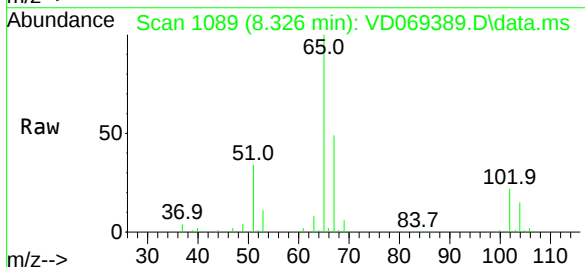
Instrument :
MSVOA_D
ClientSampleId :

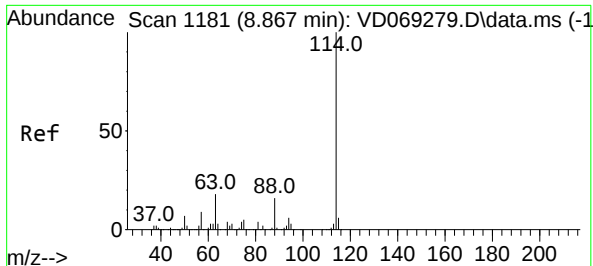
Tgt Ion: 56 Resp: 7546
Ion Ratio Lower Upper
56 100
69 159.0 29.0 43.4#
84 94.1 81.1 121.7



#33
1,2-Dichloroethane-d4
Concen: 65.227 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 65 Resp: 191117
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8



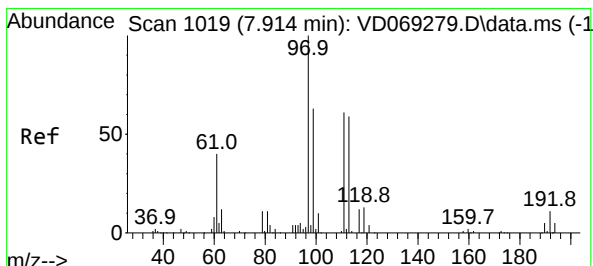
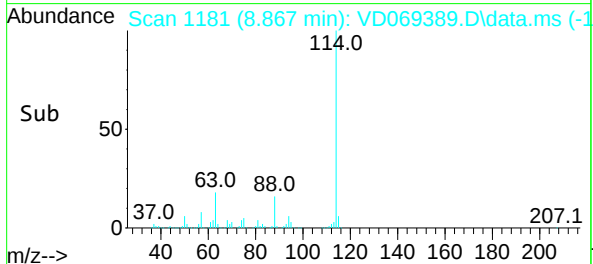
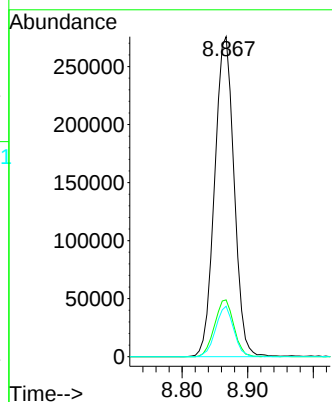
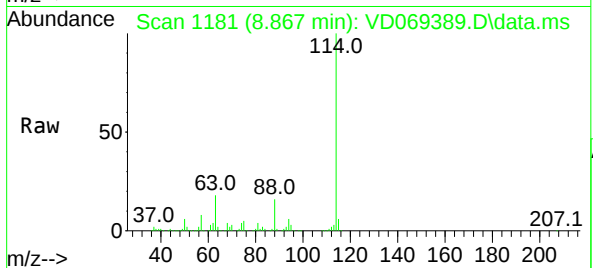


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Instrument :
MSVOA_D
ClientSampled :

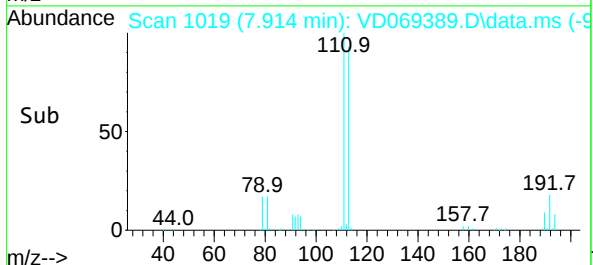
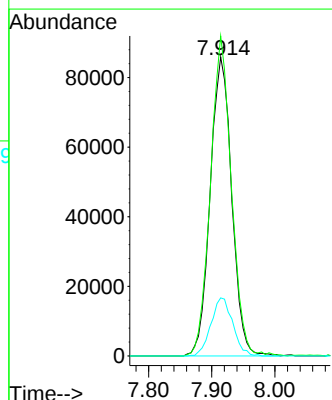
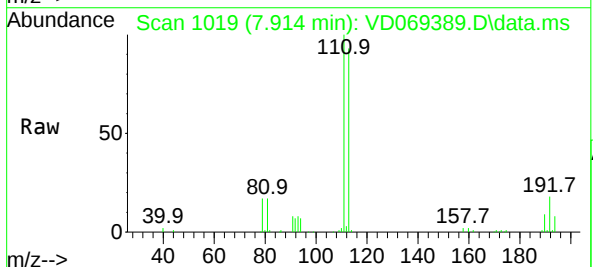
Tgt Ion:114 Resp: 565696
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 15.7 0.0 31.2

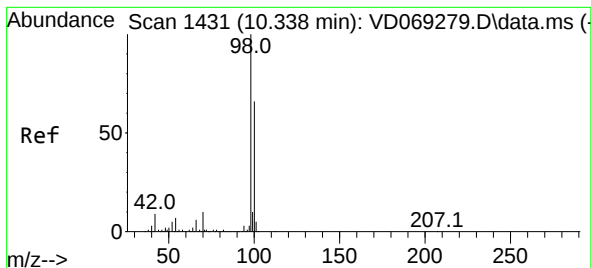


#35

Dibromofluoromethane
Concen: 57.252 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion:113 Resp: 203383
Ion Ratio Lower Upper
113 100
111 104.4 83.0 124.6
192 19.7 15.1 22.7

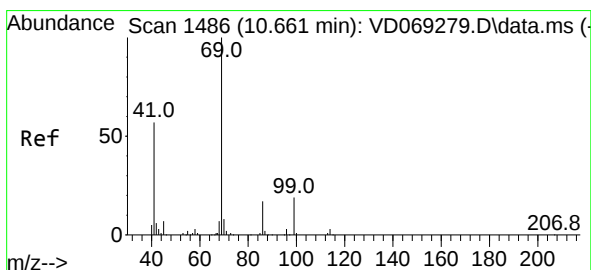
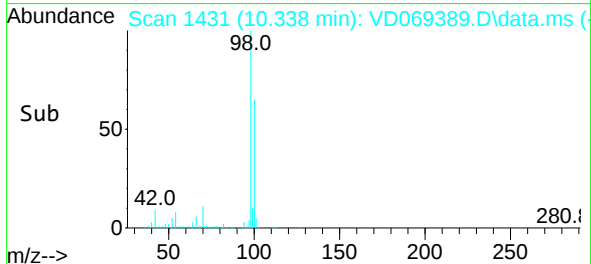
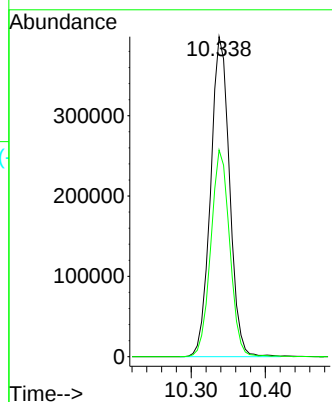
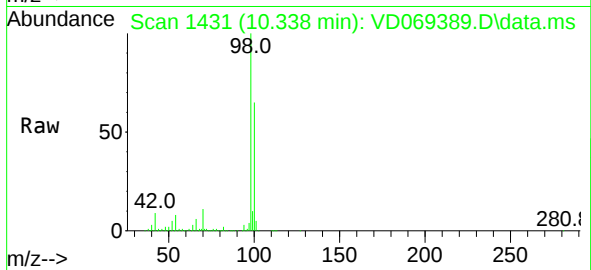




#50
Toluene-d8
Concen: 54.811 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

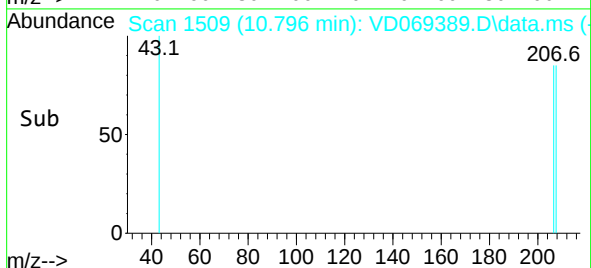
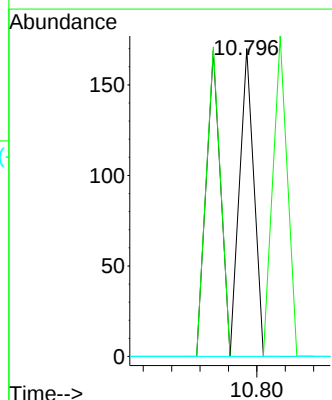
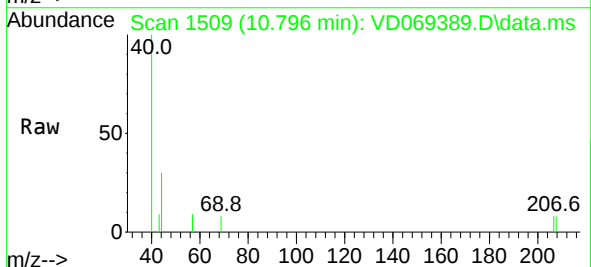
Instrument :
MSVOA_D
ClientSampled :

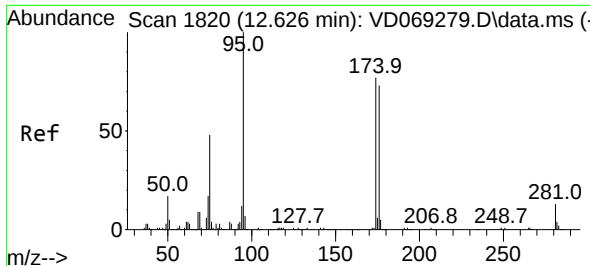
Tgt Ion: 98 Resp: 708047
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.671 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.135 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 69 Resp: 120
Ion Ratio Lower Upper
69 100
41 51.7 45.4 68.2
39 0.0 21.7 32.5#

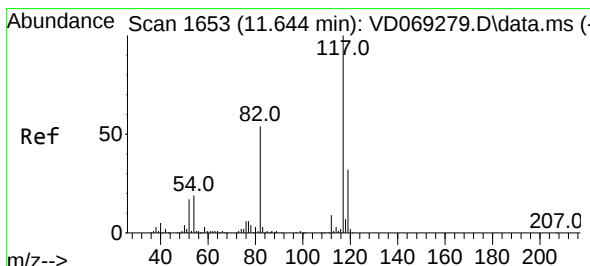
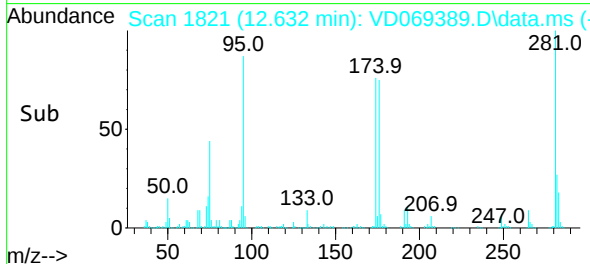
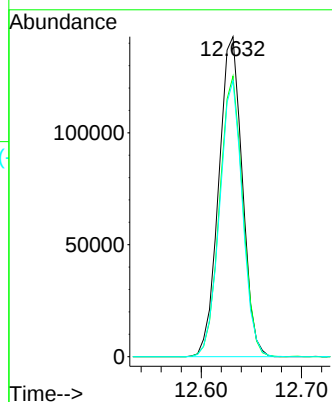
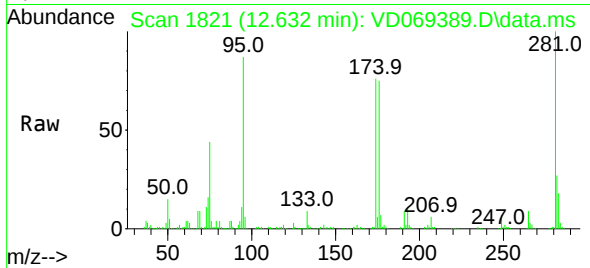




#62
4-Bromofluorobenzene
Concen: 55.027 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

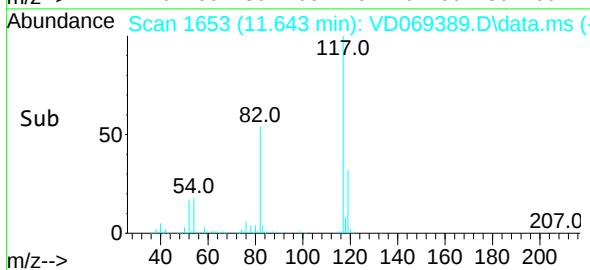
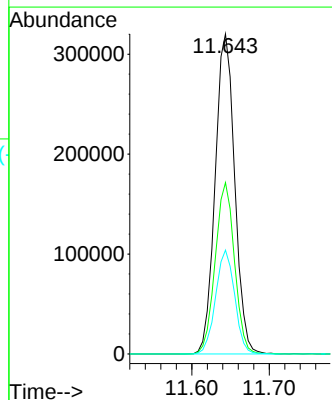
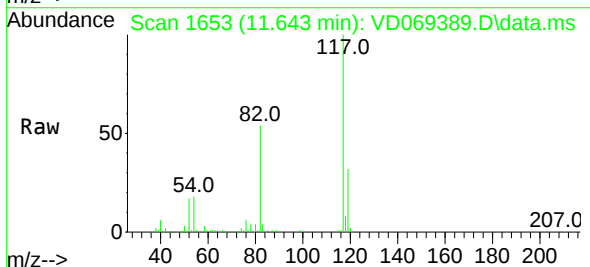
Instrument :
MSVOA_D
ClientSampled :

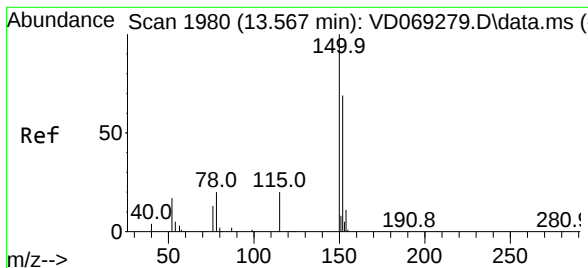
Tgt Ion: 95 Resp: 232920
Ion Ratio Lower Upper
95 100
174 85.9 0.0 162.8
176 83.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 117 Resp: 561186
Ion Ratio Lower Upper
117 100
82 53.6 43.3 64.9
119 32.5 25.3 37.9

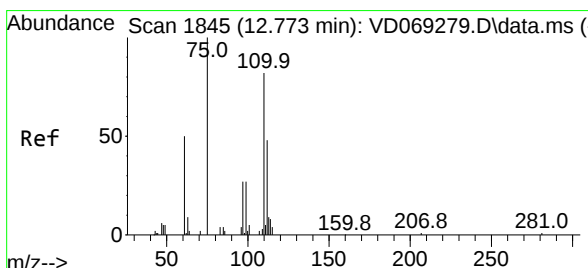
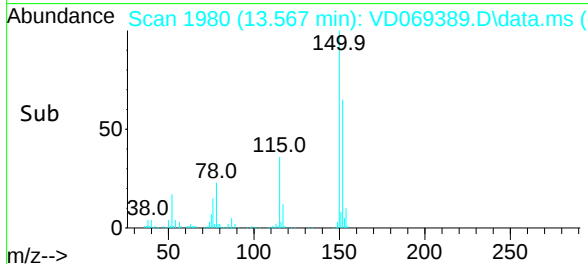
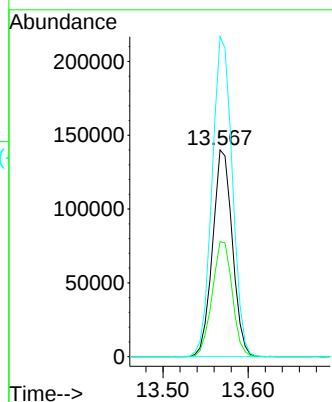
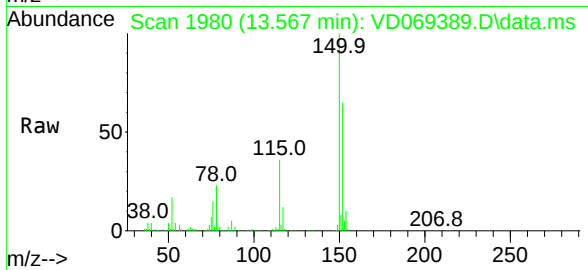




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

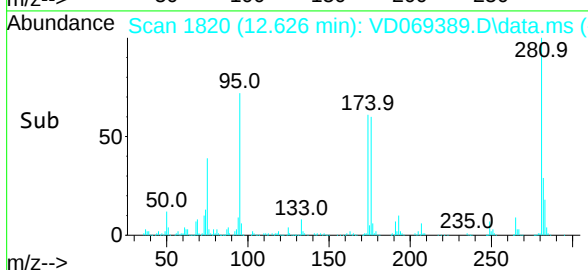
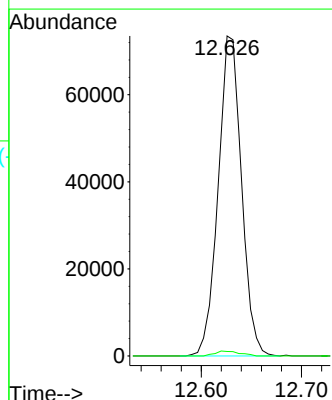
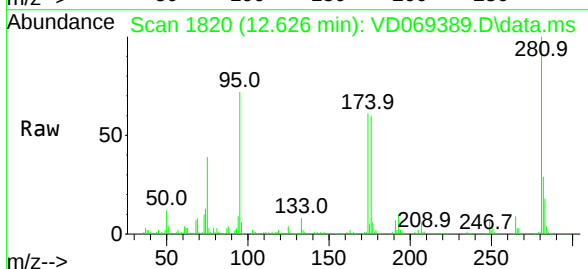
Instrument :
MSVOA_D
ClientSampled :

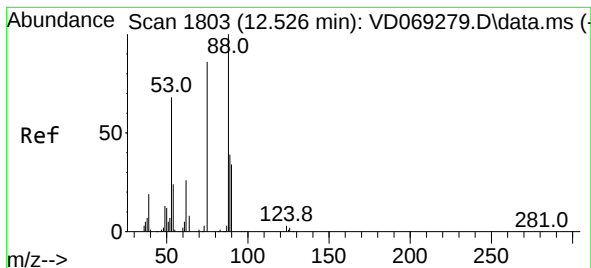
Tgt Ion:152 Resp: 226003
Ion Ratio Lower Upper
152 100
115 56.5 29.4 88.3
150 158.3 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 60.452 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 75 Resp: 118703
Ion Ratio Lower Upper
75 100
77 1.6 183.8 551.2#

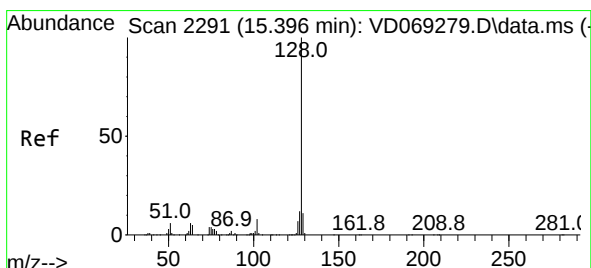
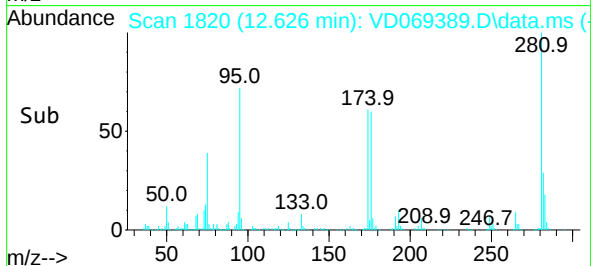
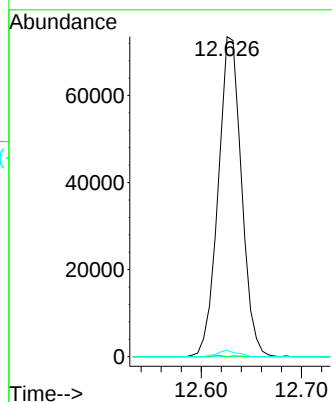
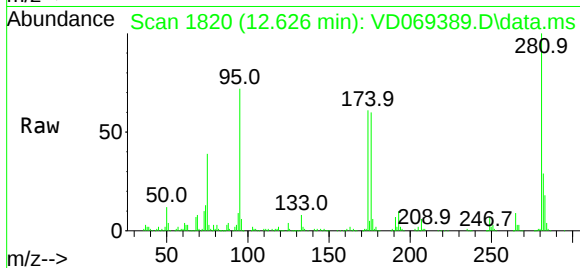




#81
trans-1,4-Dichloro-2-butene
Concen: 133.962 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 118703
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 1.7 35.6 53.4#



#95
Naphthalene
Concen: 3.382 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion:128 Resp: 663
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

