

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069155.D
 Acq On : 13 May 2021 14:16
 Operator : VA/SY
 Sample : M2370-01
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 367

Quant Time: May 14 01:21:27 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)

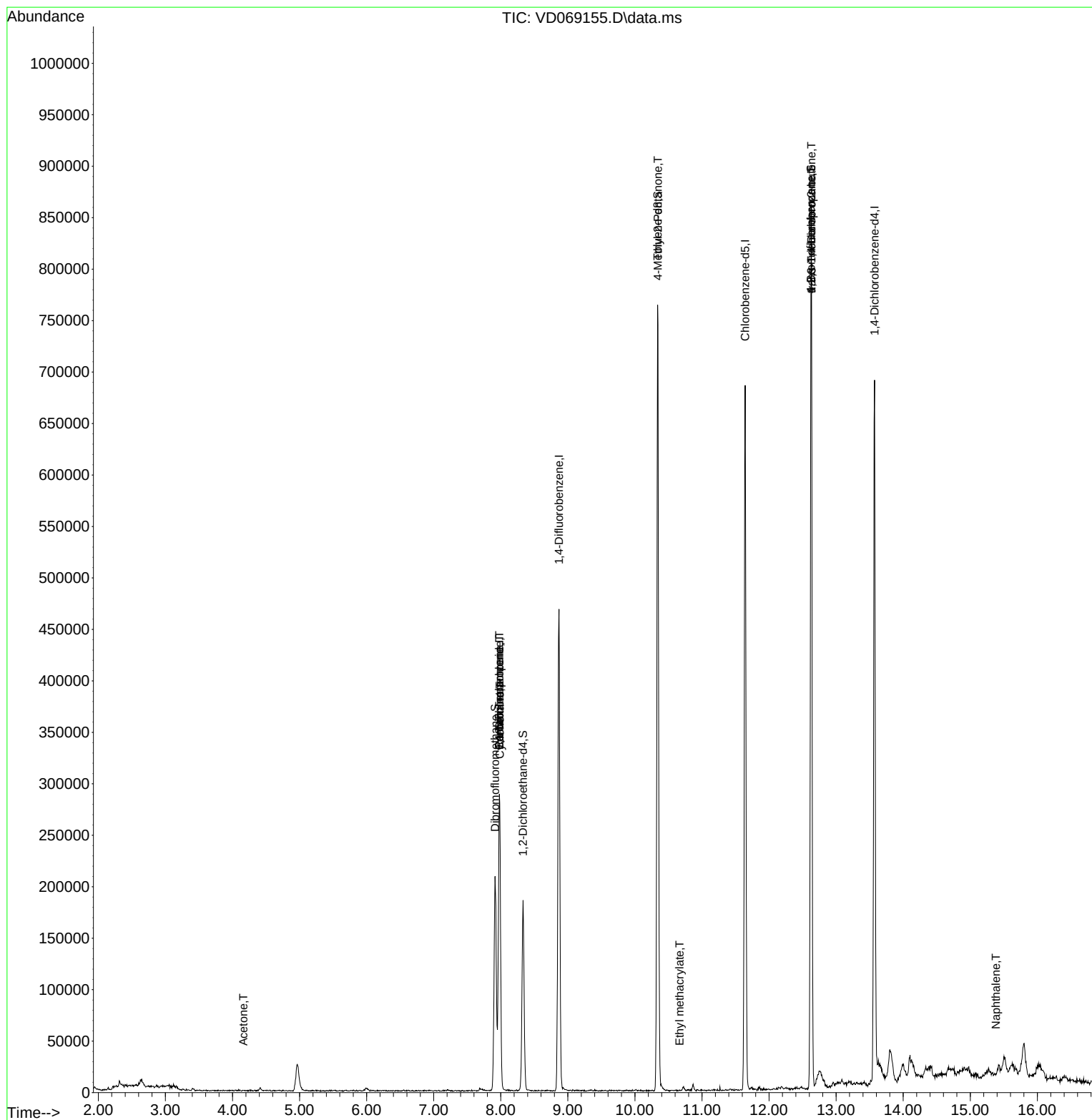
Internal Standards						
1) Pentafluorobenzene	7.979	168	209973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	414149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	399457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	186435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	140965	66.97	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.94%
35) Dibromofluoromethane	7.914	113	151321	56.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.30%
50) Toluene-d8	10.337	98	522866	52.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.60%
62) 4-Bromofluorobenzene	12.626	95	173607	54.48	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.96%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	213	Below Cal	#	73
16) Acetone	4.161	43	512	1.59	ug/l #	41
20) Methylene Chloride	4.961	84	21681	Below Cal		93
31) Cyclohexane	7.985	56	4676	1.50	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	18047	4.48	ug/l #	46
38) Carbon Tetrachloride	7.979	117	21906	4.87	ug/l #	18
51) 4-Methyl-2-Pentanone	10.343	43	2446	2.02	ug/l #	1
56) Ethyl methacrylate	10.667	69	58	1.34	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	93090	66.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	93090	134.17	ug/l #	14
95) Naphthalene	15.384	128	862	2.18	ug/l #	72

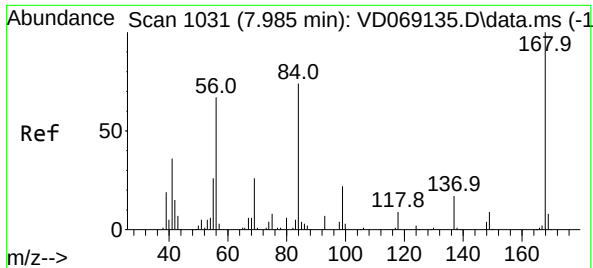
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :
367

Quant Time: May 14 01:21:27 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

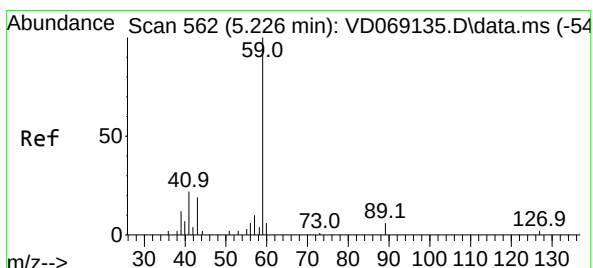
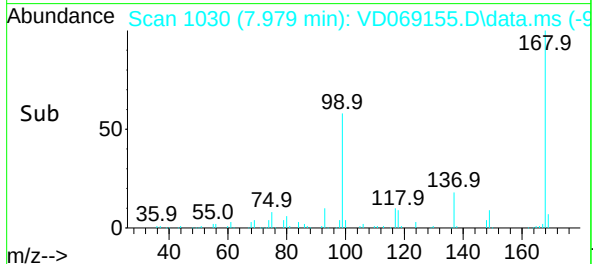
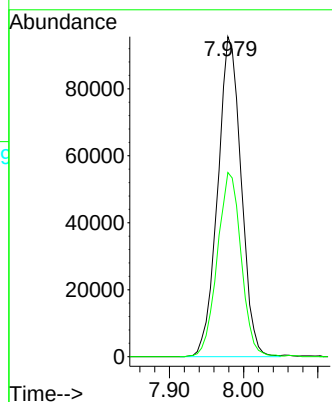
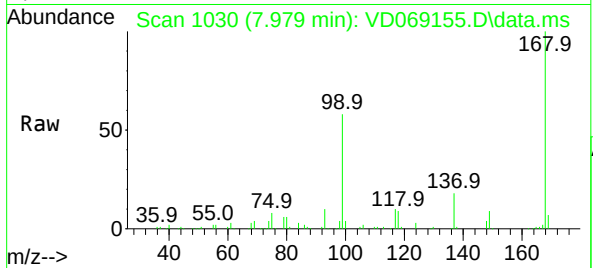




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

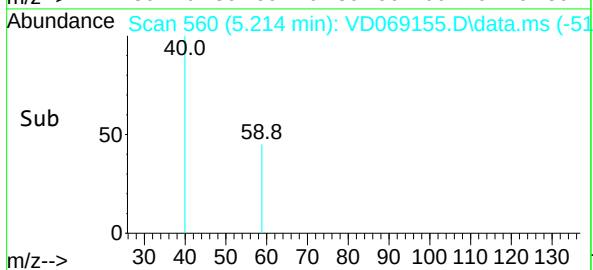
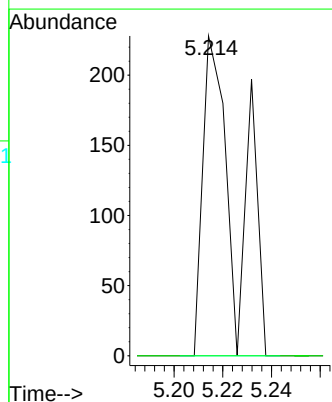
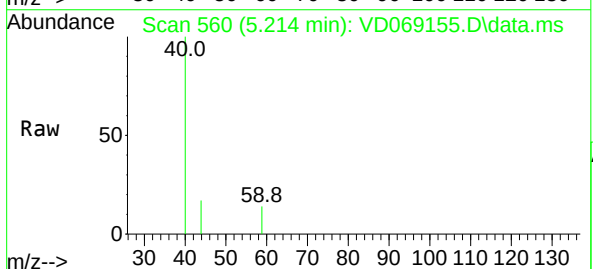
Instrument :
MSVOA_D
ClientSampleId :
367

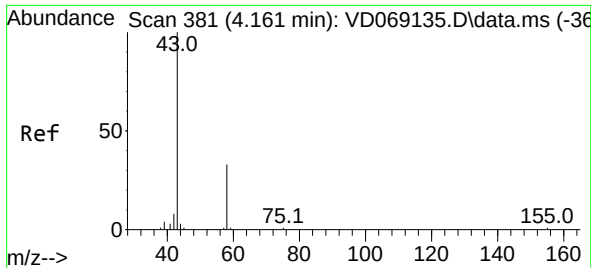
Tgt Ion:168 Resp: 209973
Ion Ratio Lower Upper
168 100
99 57.5 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

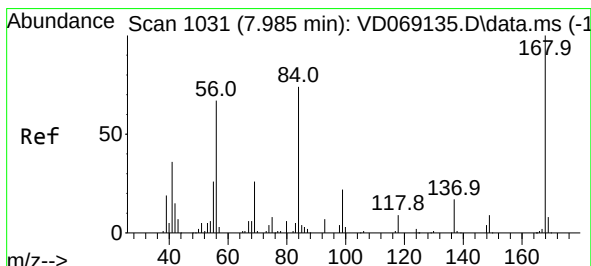
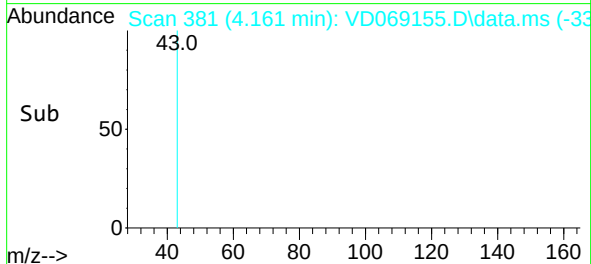
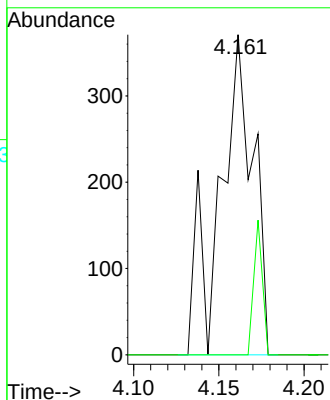
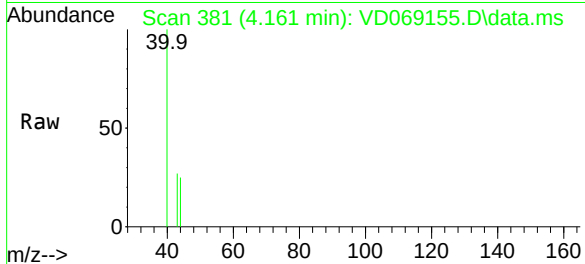




#16
Acetone
Concen: 1.59 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

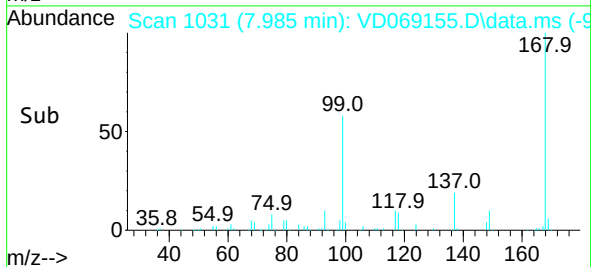
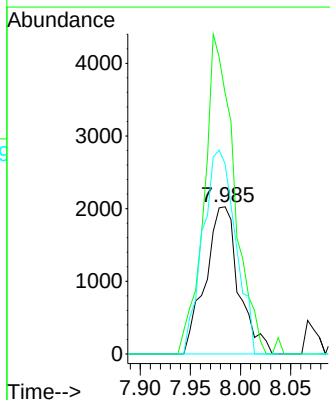
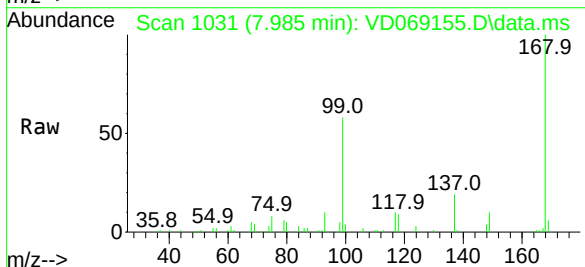
Instrument :
MSVOA_D
ClientSampleId :
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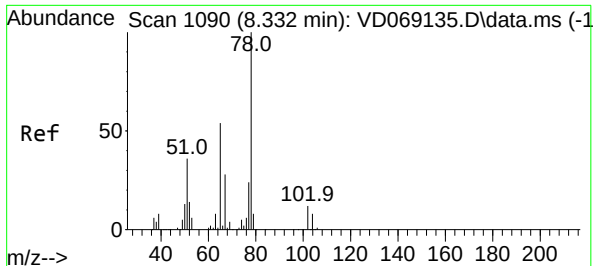
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 56 Resp: 4676
Ion Ratio Lower Upper
56 100
69 177.3 30.6 46.0#
84 129.2 88.0 132.0

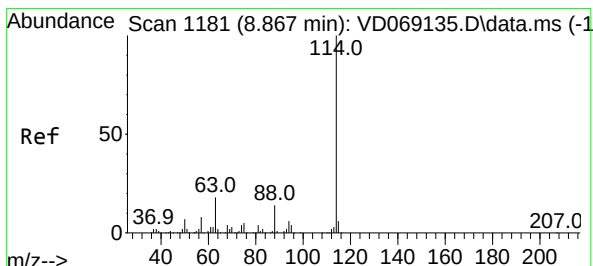
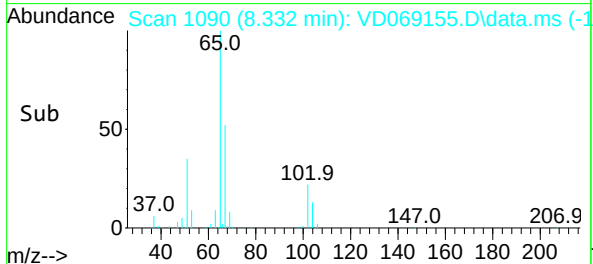
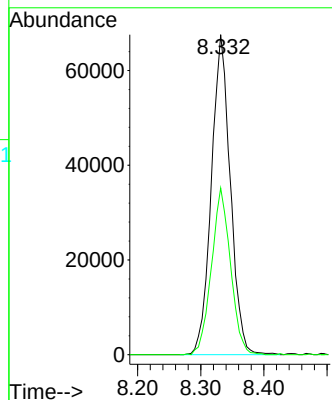
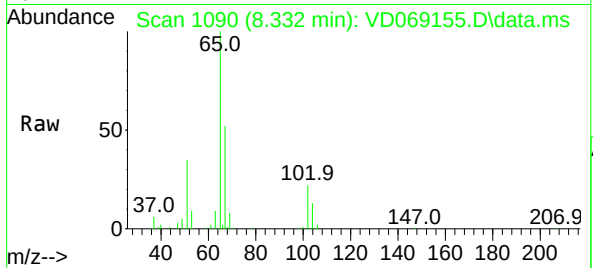




#33
1,2-Dichloroethane-d4
Concen: 66.97 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

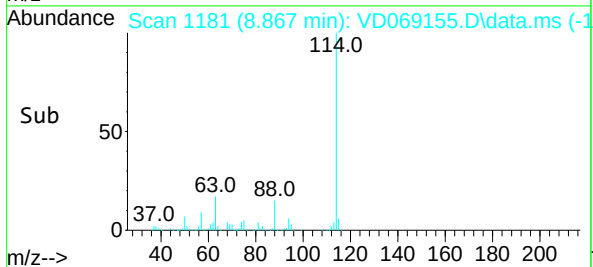
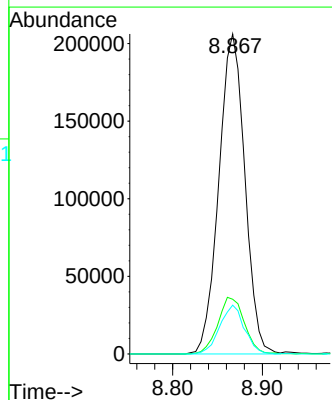
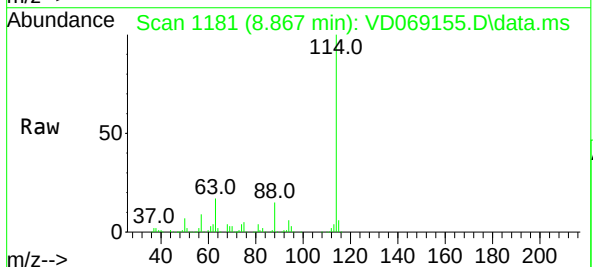
Instrument :
MSVOA_D
ClientSampleId :
367

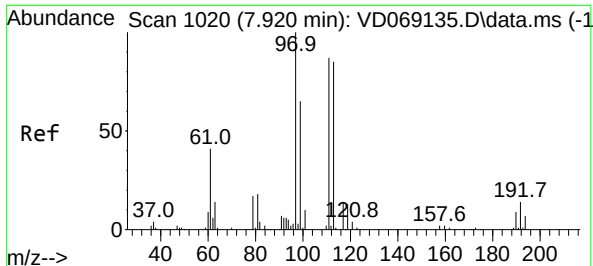
Tgt Ion: 65 Resp: 140965
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 114 Resp: 414149
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.4
88 15.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.15 ug/l

RT: 7.914 min Scan# 1019

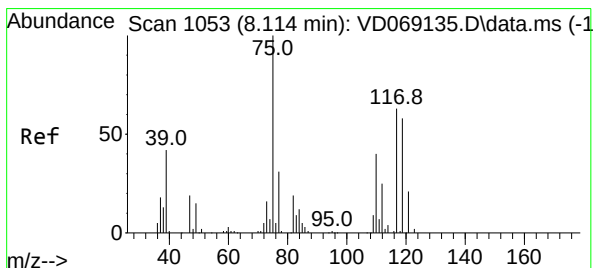
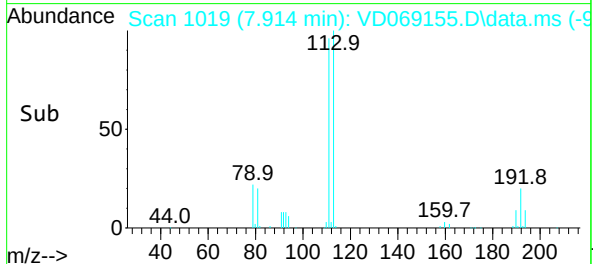
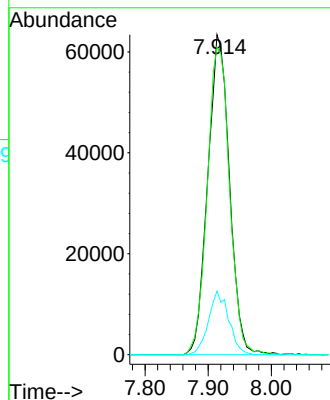
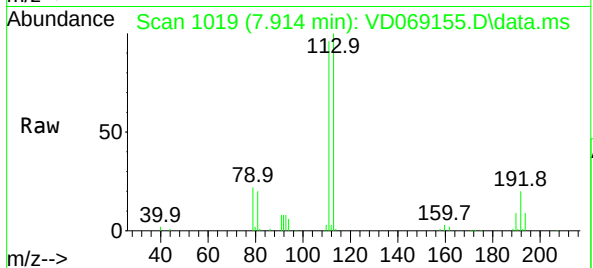
Delta R.T. -0.006 min

Lab File: VD069155.D

Acq: 13 May 2021 14:16

Tgt Ion:	113	Resp:	151321
Ion Ratio	Lower	Upper	
113	100		
111	99.2	80.6	120.8
192	18.5	14.8	22.2

Instrument :
MSVOA_D
ClientSampleId :
367



#36

1,1-Dichloropropene

Concen: 4.48 ug/l

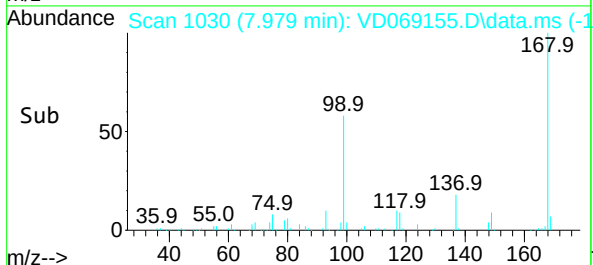
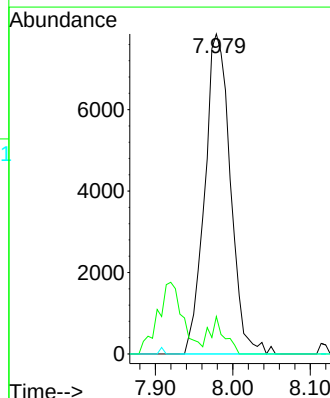
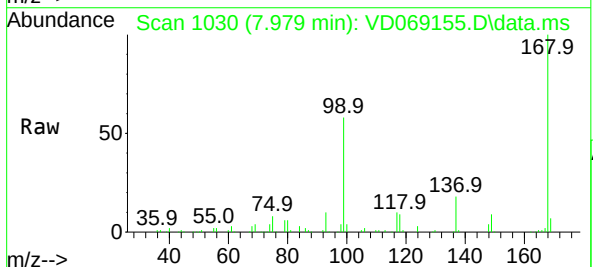
RT: 7.979 min Scan# 1030

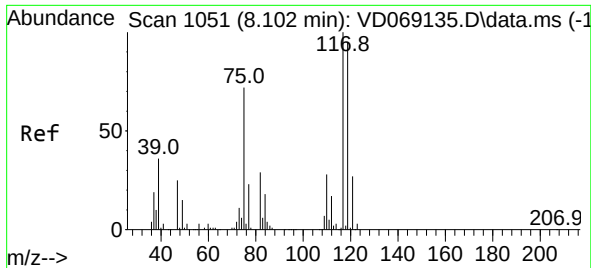
Delta R.T. -0.135 min

Lab File: VD069155.D

Acq: 13 May 2021 14:16

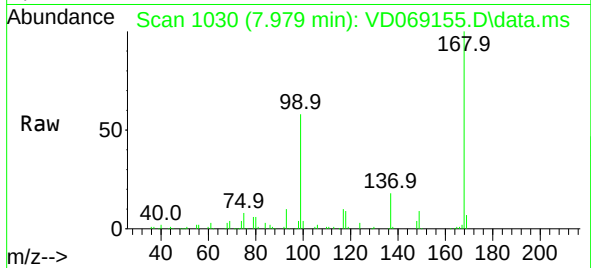
Tgt Ion:	75	Resp:	18047
Ion Ratio	Lower	Upper	
75	100		
110	6.7	18.8	56.4#
77	0.0	25.2	37.8#



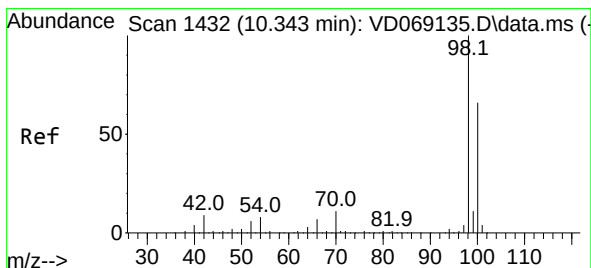
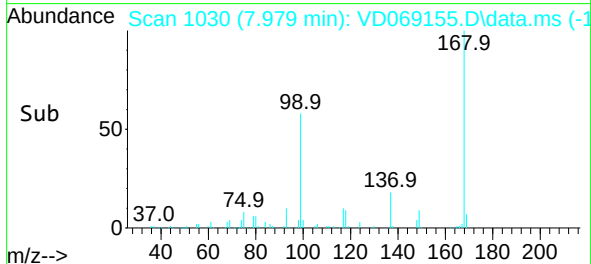
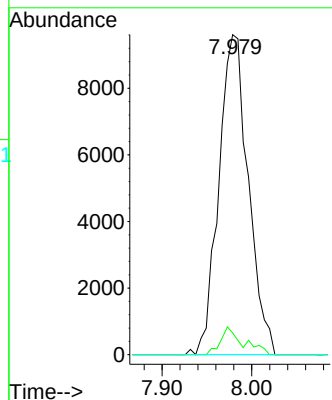


#38
Carbon Tetrachloride
Concen: 4.87 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Instrument :
MSVOA_D
ClientSampled :
367

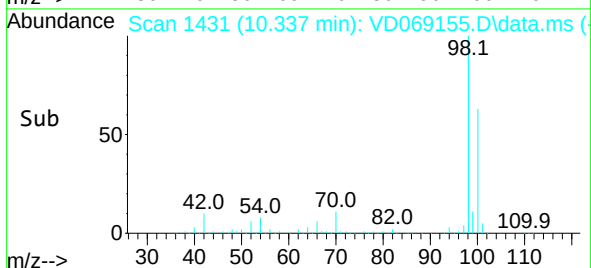
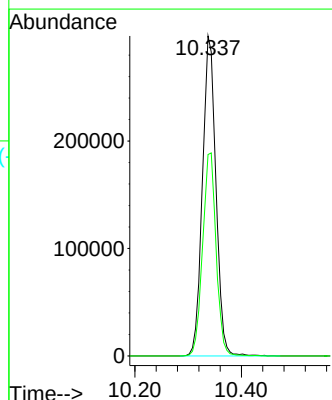
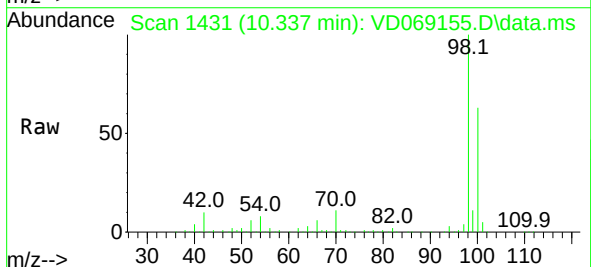


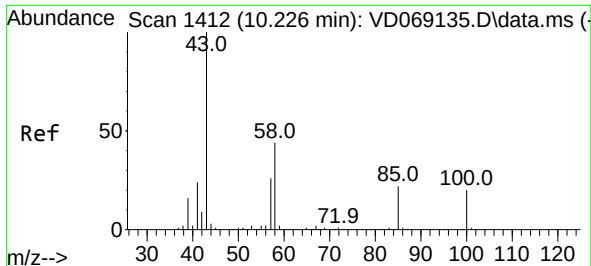
Tgt Ion:117 Resp: 21906
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 21.9 32.9#



#50
Toluene-d8
Concen: 52.80 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 98 Resp: 522866
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8

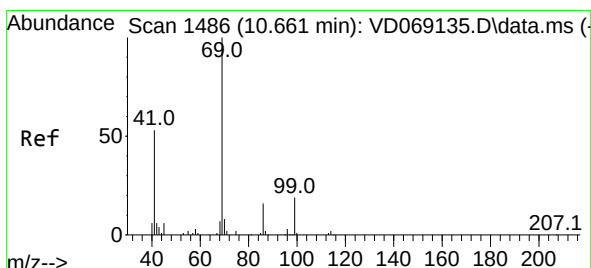
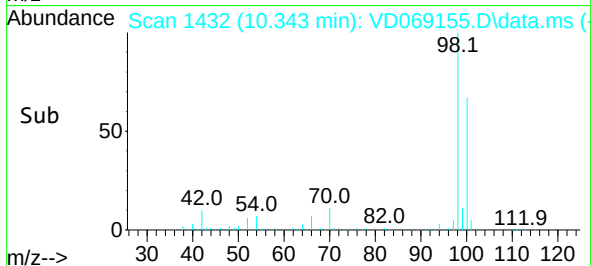
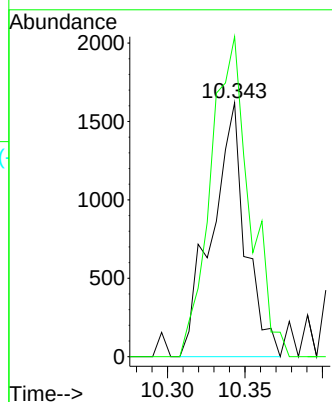
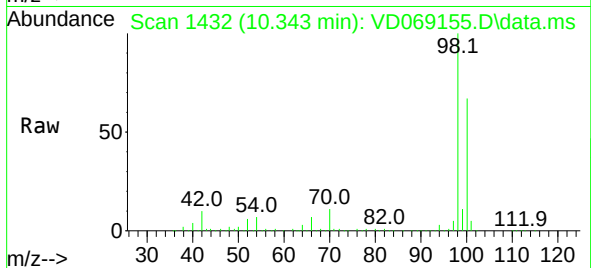




#51
4-Methyl-2-Pentanone
Concen: 2.02 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

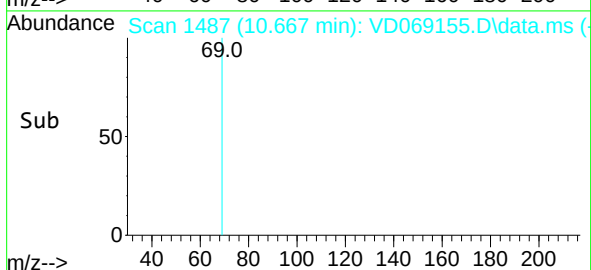
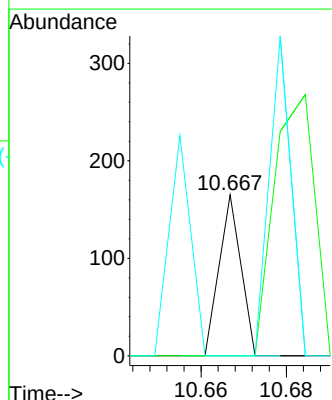
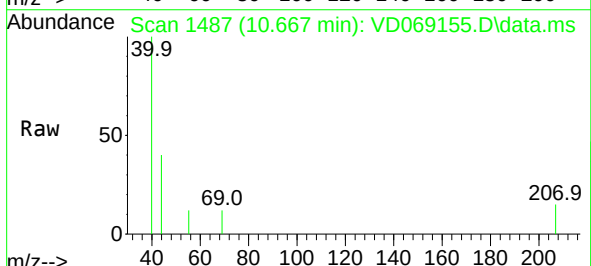
Instrument :
MSVOA_D
ClientSampled :
367

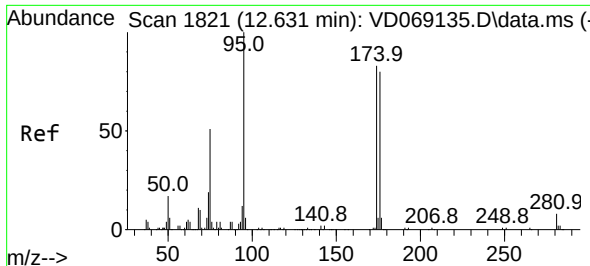
Tgt Ion: 43 Resp: 2446
Ion Ratio Lower Upper
43 100
58 146.0 35.0 52.4#



#56
Ethyl methacrylate
Concen: 1.34 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 69 Resp: 58
Ion Ratio Lower Upper
69 100
41 303.4 42.2 63.2#
39 200.0 26.3 39.5#

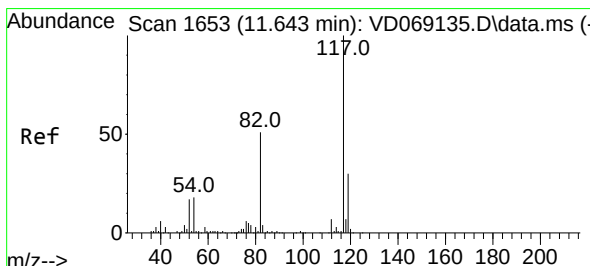
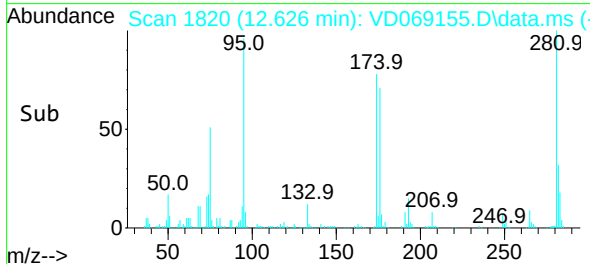
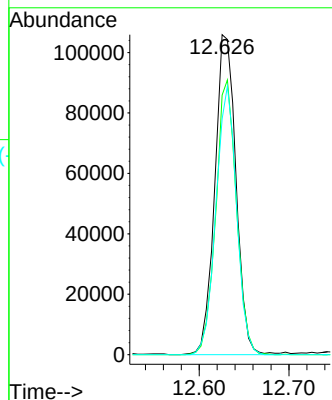
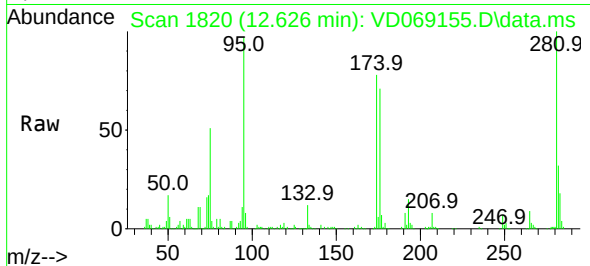




#62
4-Bromofluorobenzene
Concen: 54.48 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

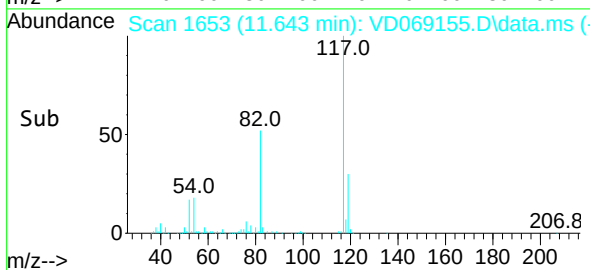
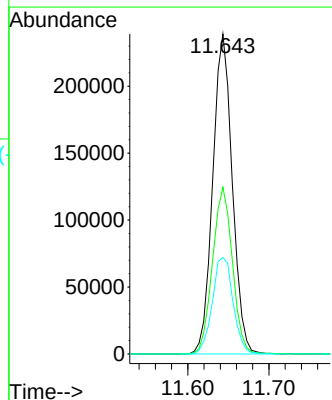
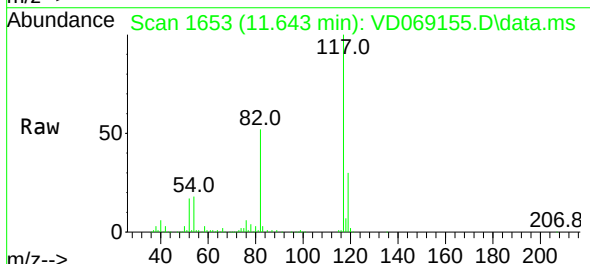
Instrument :
MSVOA_D
ClientSampleId :
367

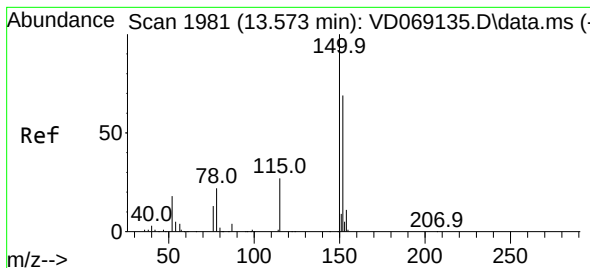
Tgt Ion: 95 Resp: 173607
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.8
176 81.3 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 117 Resp: 399457
Ion Ratio Lower Upper
117 100
82 52.1 40.5 60.7
119 30.2 24.2 36.4

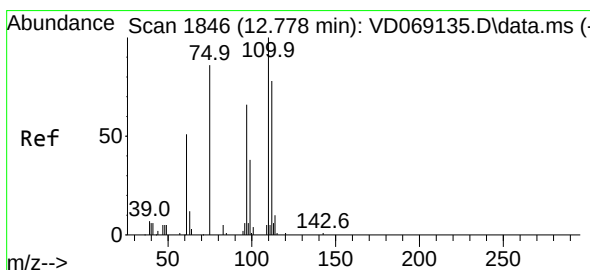
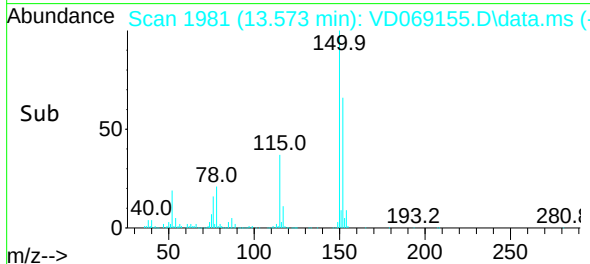
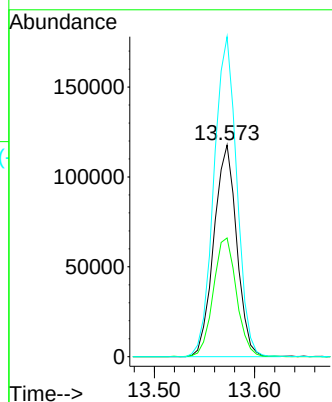
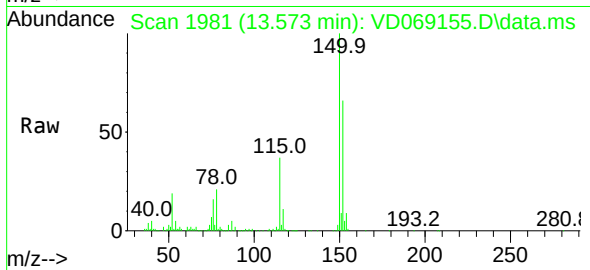




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069155.D
 Acq: 13 May 2021 14:16

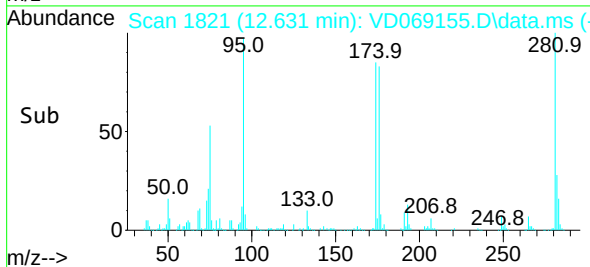
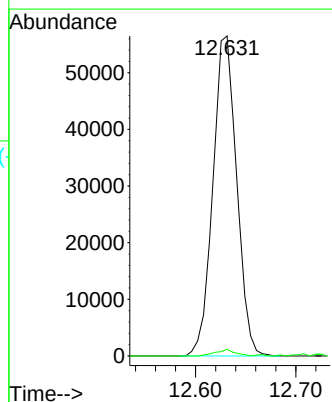
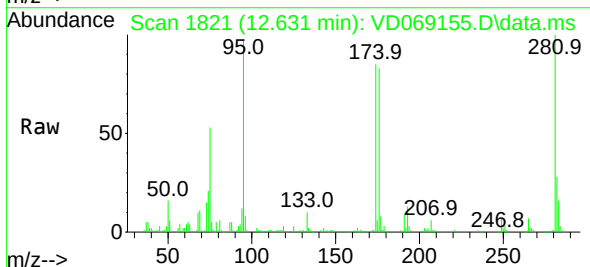
Instrument :
 MSVOA_D
 ClientSampleId :
 367

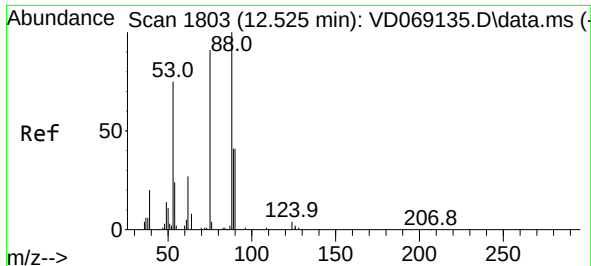
Tgt Ion:152 Resp: 186435
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.9 89.8
 150 151.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 66.42 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD069155.D
 Acq: 13 May 2021 14:16

Tgt Ion: 75 Resp: 93090
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

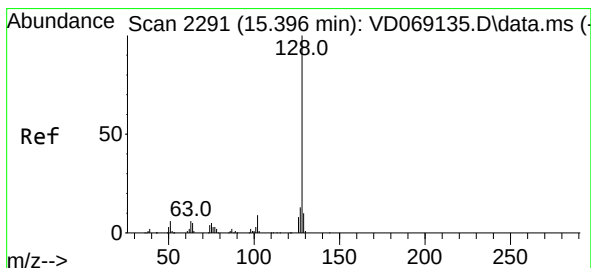
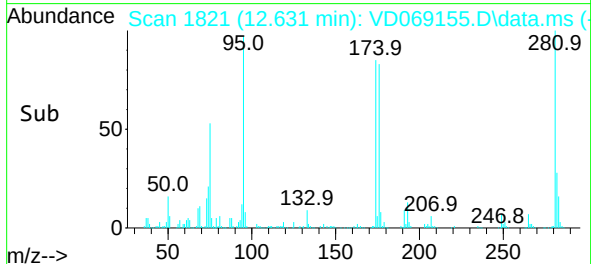
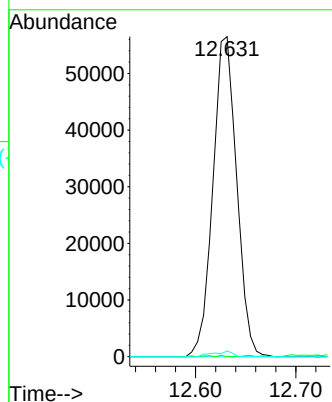
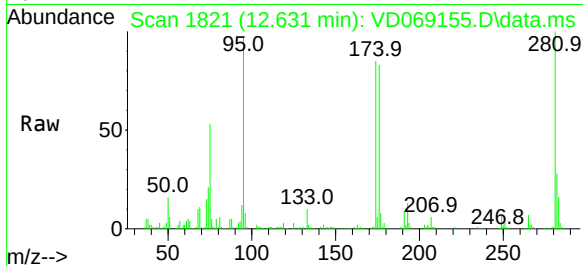




#81
trans-1,4-Dichloro-2-butene
Concen: 134.17 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Instrument :
MSVOA_D
ClientSampleId :
367

Tgt Ion: 75 Resp: 93090
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 1.5 40.2 60.2#



#95
Naphthalene
Concen: 2.18 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 128 Resp: 862
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 19.7 8.9 13.3#

