

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069118.D
 Acq On : 10 May 2021 12:54
 Operator : VA/SY
 Sample : VD0510SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL01

Quant Time: May 10 16:10:21 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)

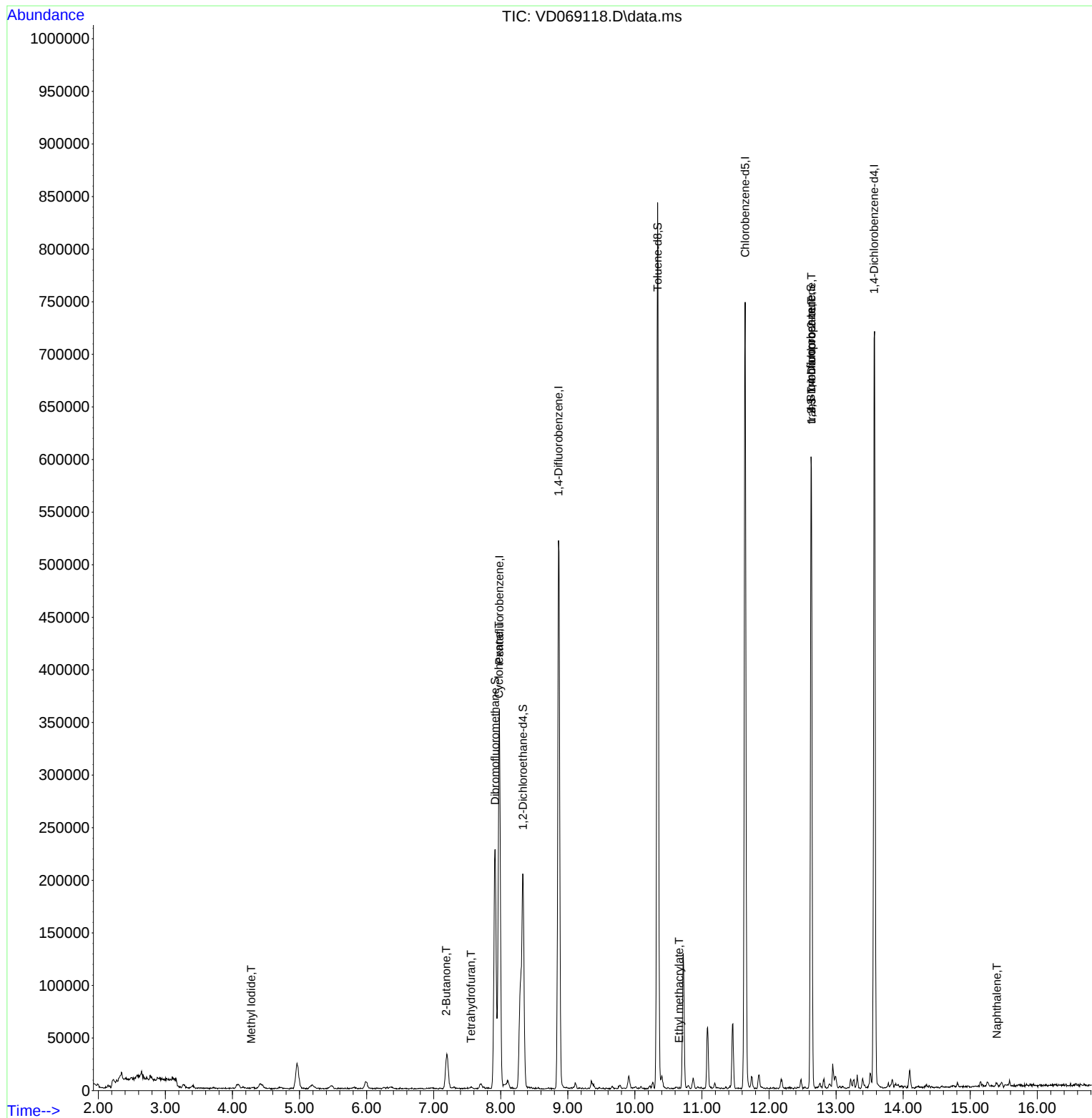
Internal Standards						
1) Pentafluorobenzene	7.979	168	259250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	464147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	445191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	193605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154904	46.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.72%
35) Dibromofluoromethane	7.914	113	161177	50.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.28%
50) Toluene-d8	10.338	98	577092	49.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.22%
62) 4-Bromofluorobenzene	12.626	95	176851	45.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.52%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.279	142	517	3.35	ug/l #	90
11) Tert butyl alcohol	5.197	59	1117	Below Cal	#	81
16) Acetone	4.168	43	2738	Below Cal	#	44
20) Methylene Chloride	4.962	84	19417	Below Cal		89
25) 2-Butanone	7.185	43	1095	1.53	ug/l #	46
29) Tetrahydrofuran	7.556	42	505	1.15	ug/l #	28
31) Cyclohexane	7.973	56	7195	1.48	ug/l #	36
56) Ethyl methacrylate	10.661	69	330	2.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	90636	53.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	90636	117.01	ug/l #	9
95) Naphthalene	15.396	128	3958	3.40	ug/l #	79

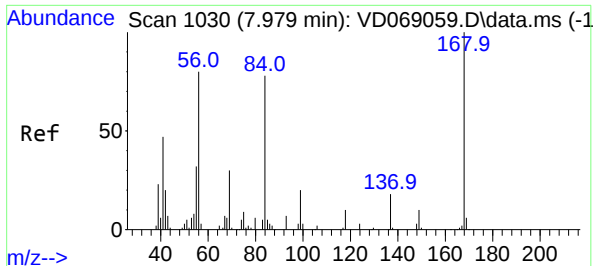
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: May 10 16:10:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
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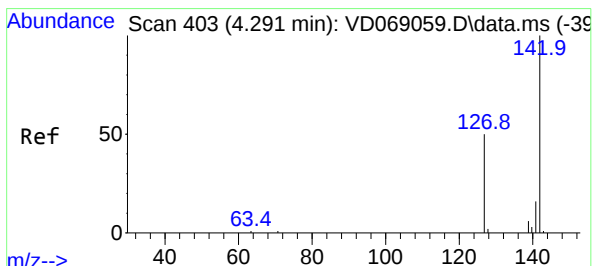
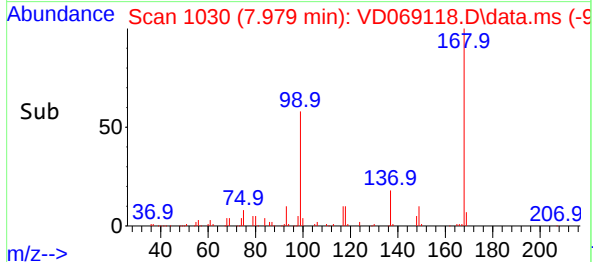
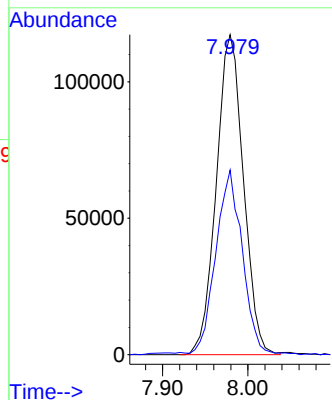
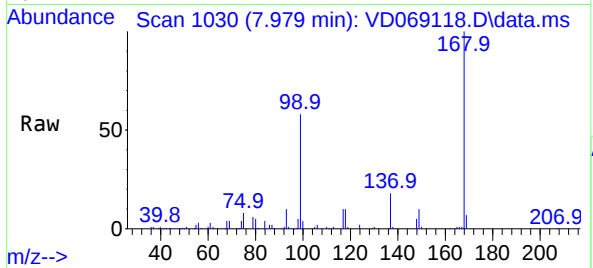




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

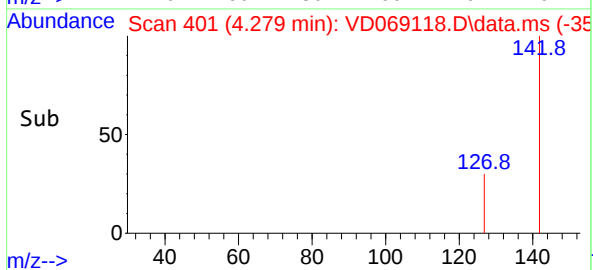
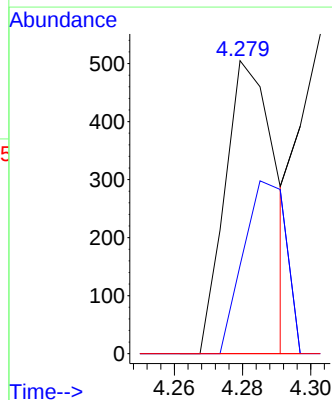
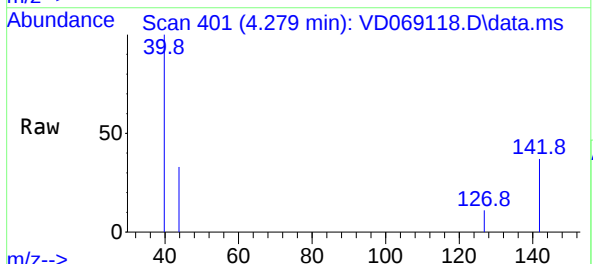
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

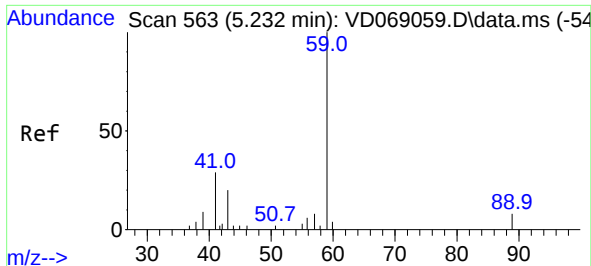
Tgt Ion:168 Resp: 259250
Ion Ratio Lower Upper
168 100
99 57.2 52.6 78.8



#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 4.279 min Scan# 401
Delta R.T. -0.012 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion:142 Resp: 517
Ion Ratio Lower Upper
142 100
127 50.1 41.6 62.4
141 0.0 12.2 18.4#

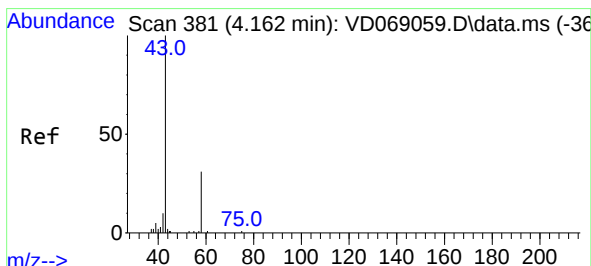
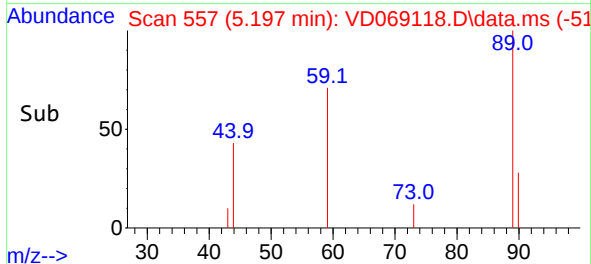
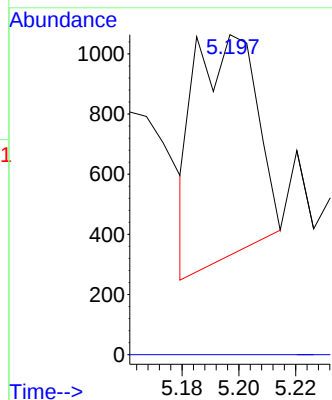
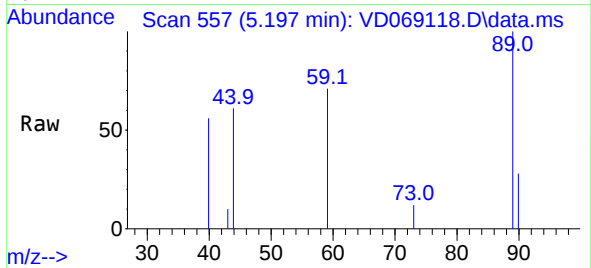




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.035 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

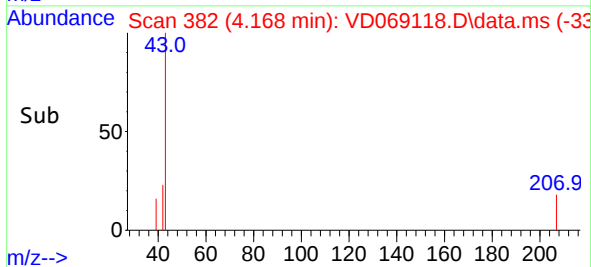
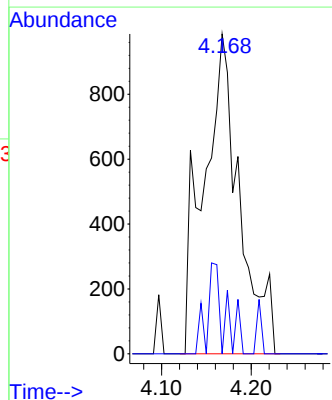
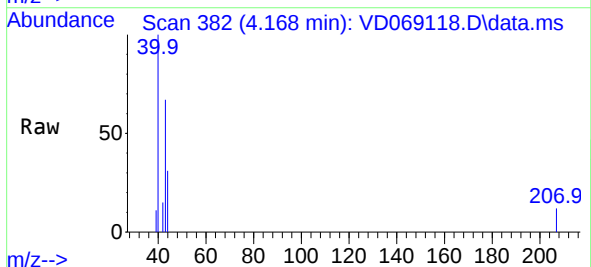
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

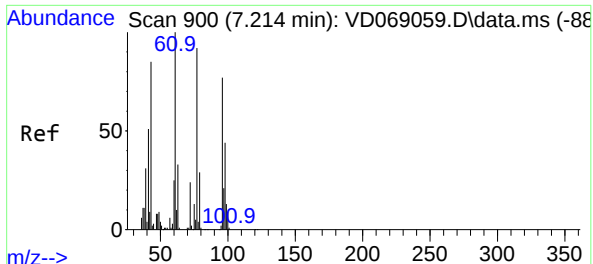
Tgt Ion: 59 Resp: 1117
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#



#16
Acetone
Concen: Below Cal
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion: 43 Resp: 2738
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

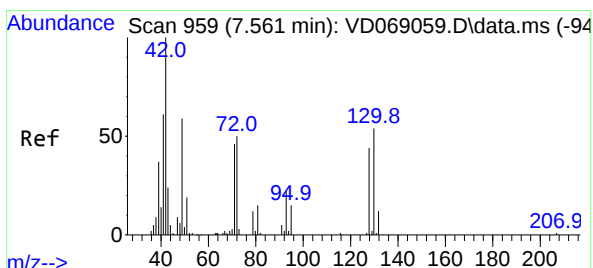
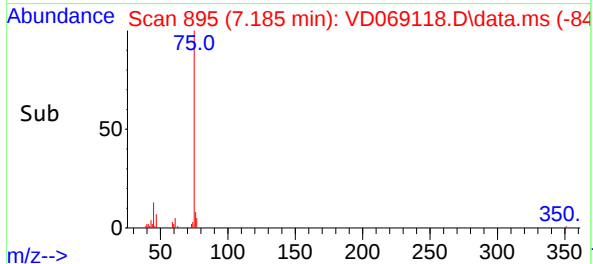
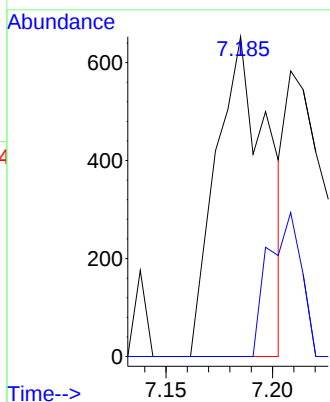
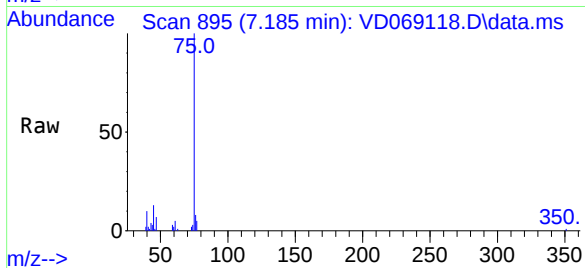




#25
2-Butanone
Concen: 1.53 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.029 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

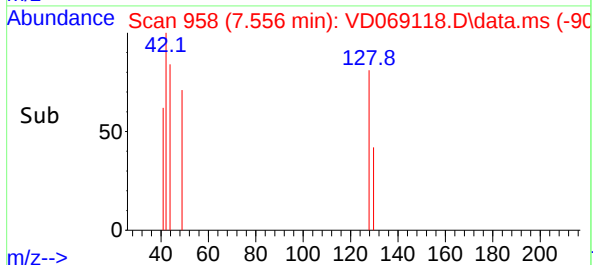
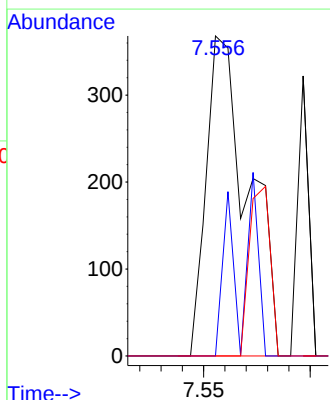
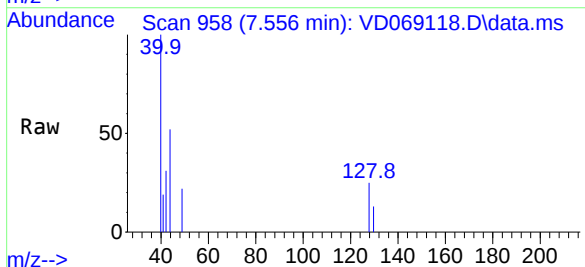
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

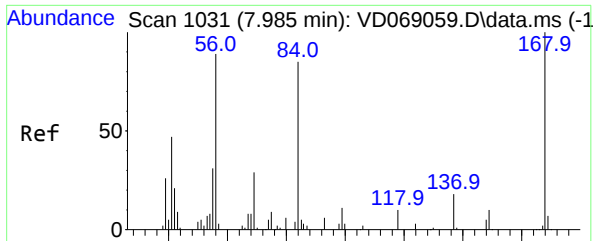
Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.4#



#29
Tetrahydrofuran
Concen: 1.15 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

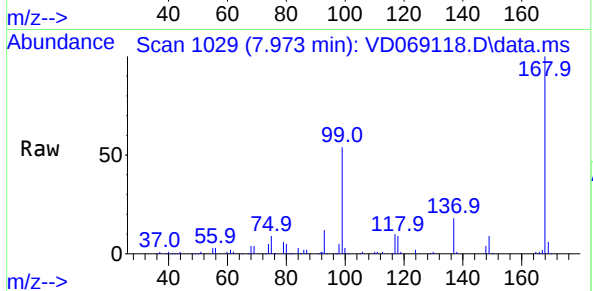
Tgt Ion: 42 Resp: 505
Ion Ratio Lower Upper
42 100
72 0.0 39.4 59.0#
71 0.0 38.4 57.6#



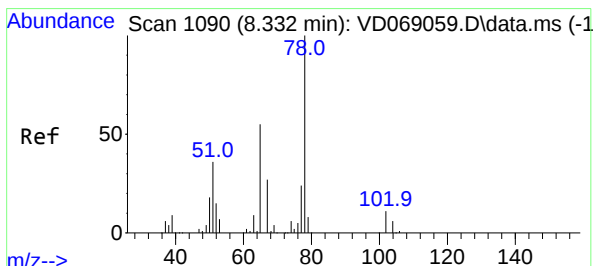
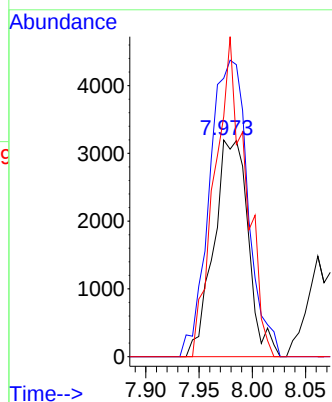
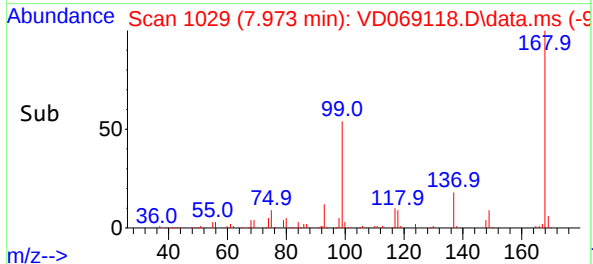


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

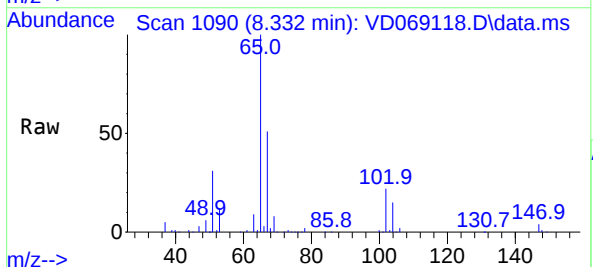
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01



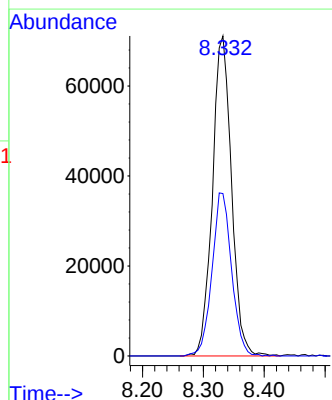
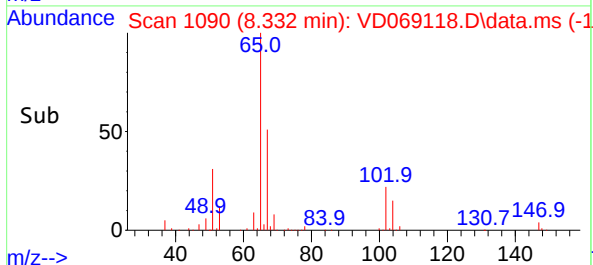
Tgt Ion: 56 Resp: 7195
Ion Ratio Lower Upper
56 100
69 128.5 26.3 39.5#
84 121.8 75.9 113.9#

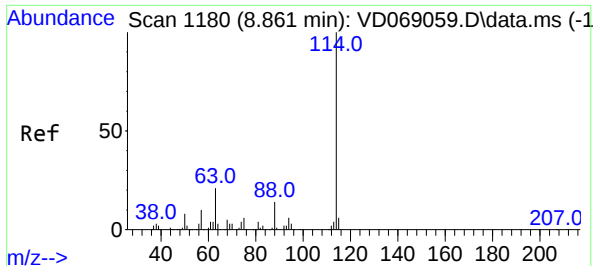


#33
1,2-Dichloroethane-d4
Concen: 46.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54



Tgt Ion: 65 Resp: 154904
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4



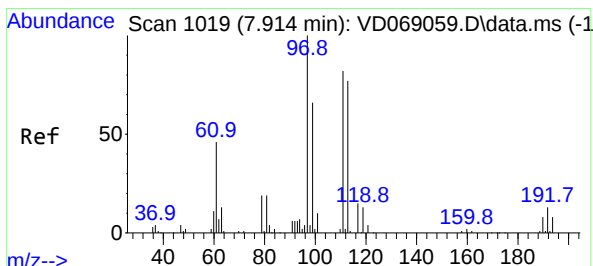
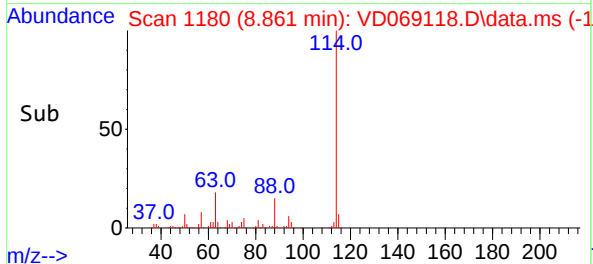
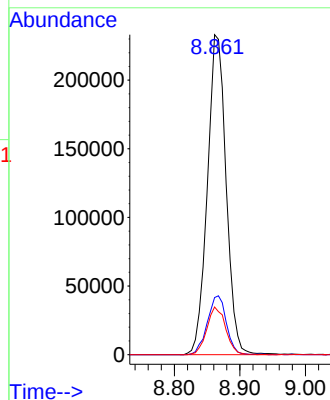
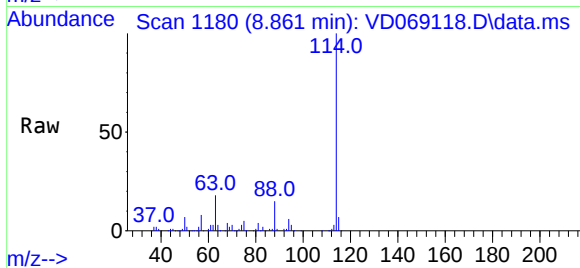


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

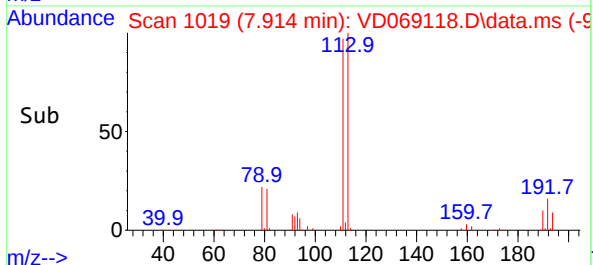
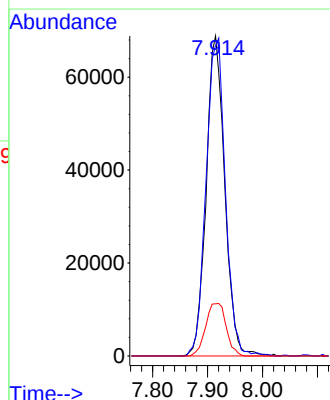
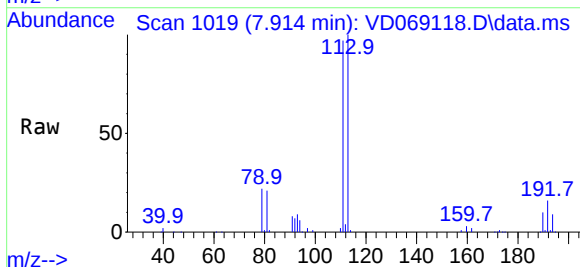
Tgt Ion:	114	Resp:	464147
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	41.4
88	14.9	0.0	27.8

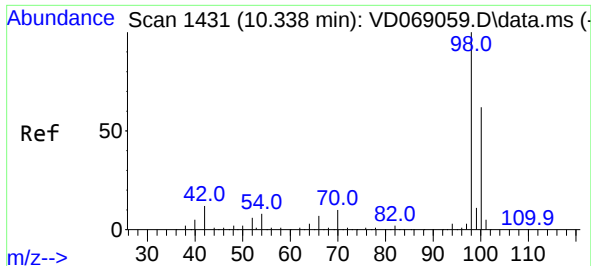


#35

Dibromofluoromethane
Concen: 50.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion:	113	Resp:	161177
Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.6	126.8
192	18.2	13.5	20.3

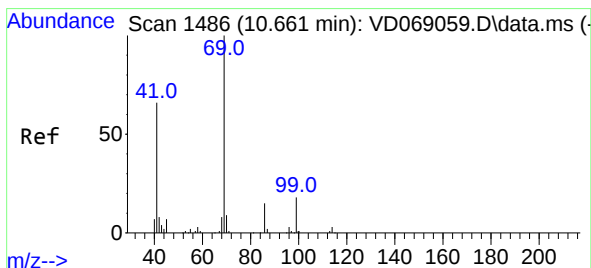
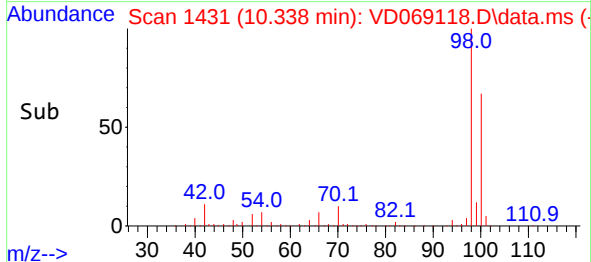
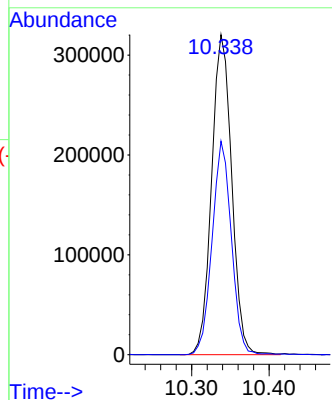
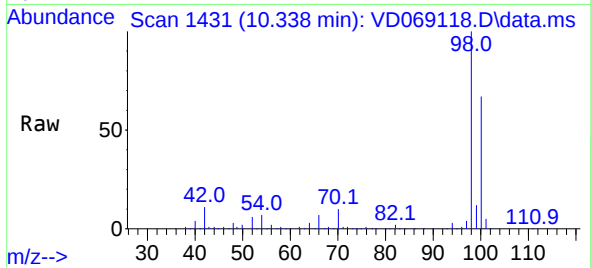




#50
Toluene-d8
Concen: 49.11 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

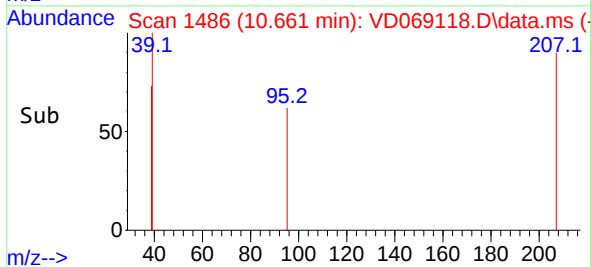
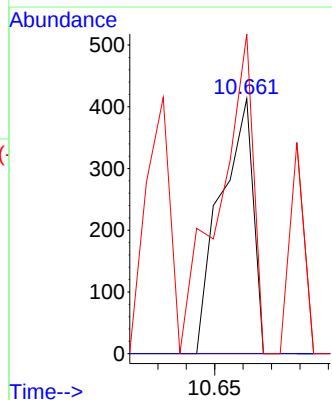
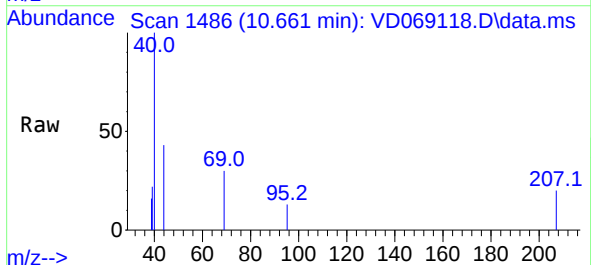
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

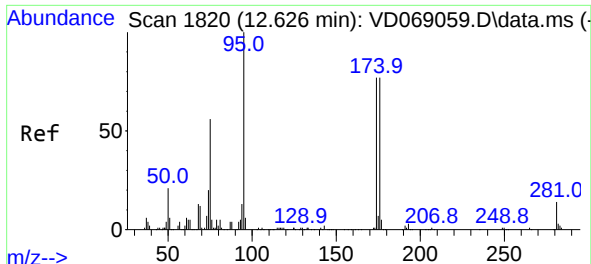
Tgt Ion: 98 Resp: 577092
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#56
Ethyl methacrylate
Concen: 2.48 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion: 69 Resp: 330
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 130.3 29.8 44.6#

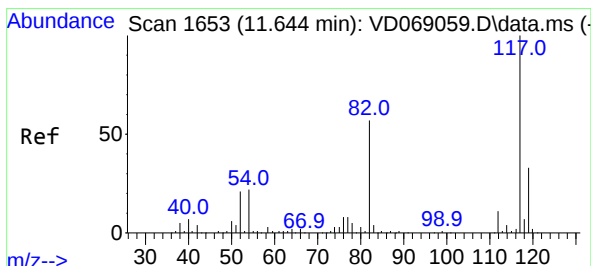
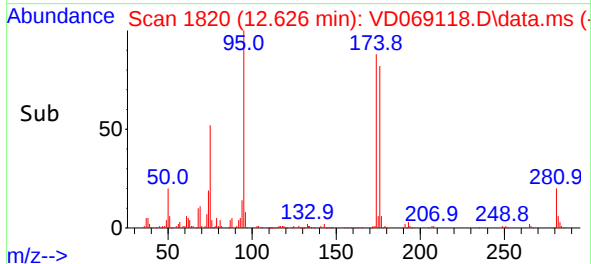
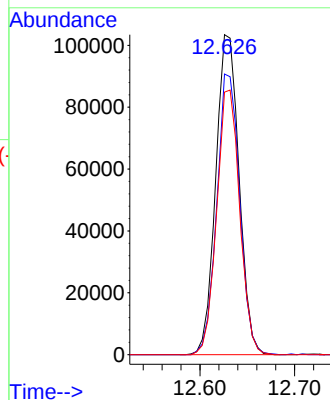
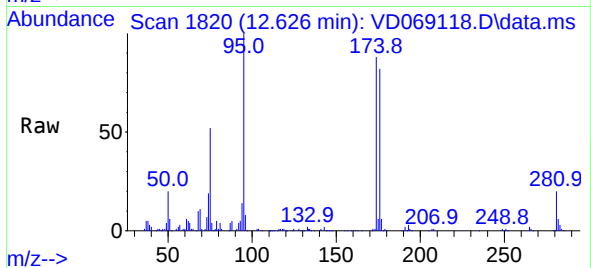




#62
4-Bromofluorobenzene
Concen: 45.76 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

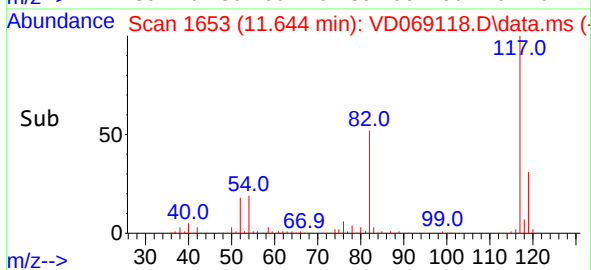
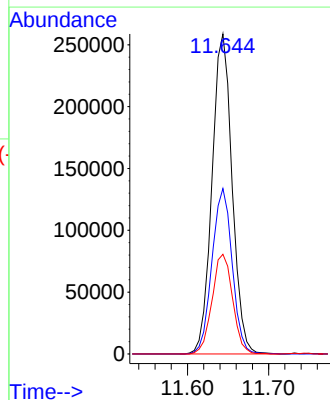
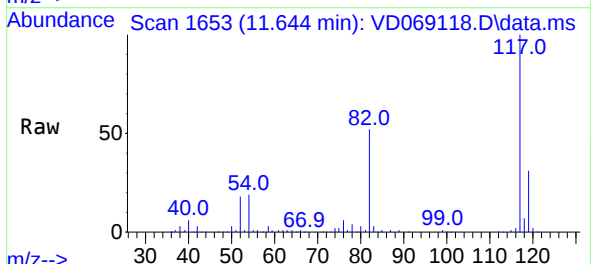
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

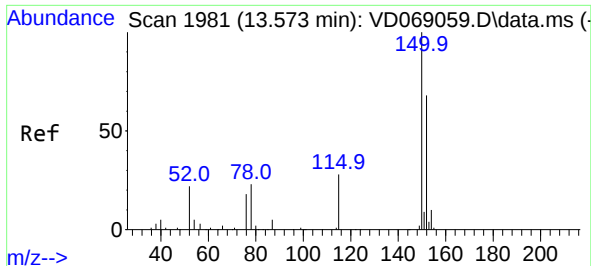
Tgt Ion: 95 Resp: 176851
Ion Ratio Lower Upper
95 100
174 86.2 0.0 156.0
176 81.6 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion: 117 Resp: 445191
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.2
119 31.1 26.8 40.2

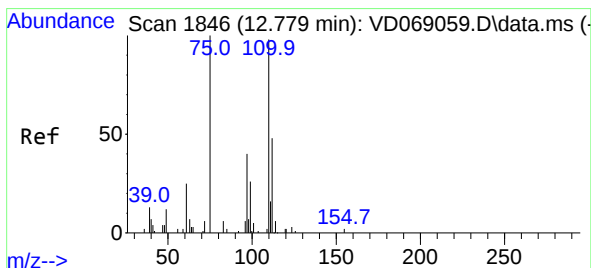
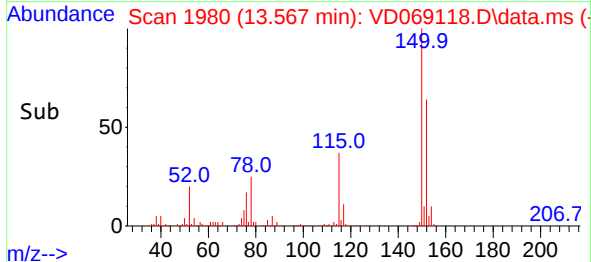
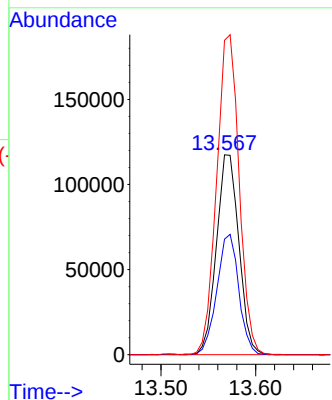
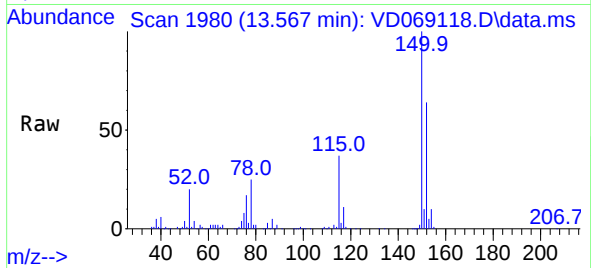




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

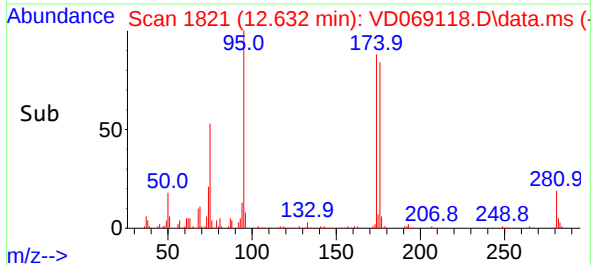
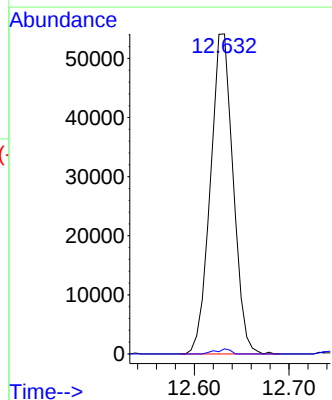
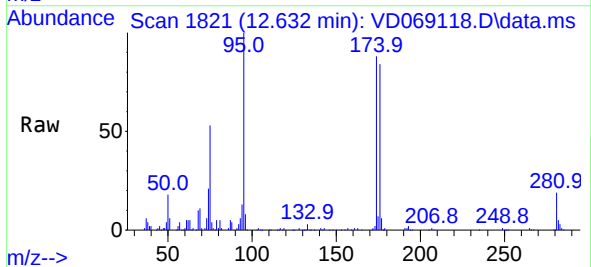
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

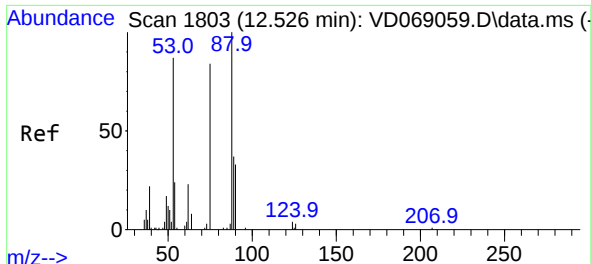
Tgt Ion:152 Resp: 193605
Ion Ratio Lower Upper
152 100
115 59.0 30.5 91.5
150 160.5 0.0 340.8



#76
1,2,3-Trichloropropane
Concen: 53.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion: 75 Resp: 90636
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

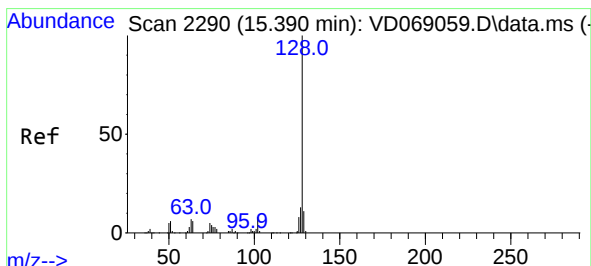
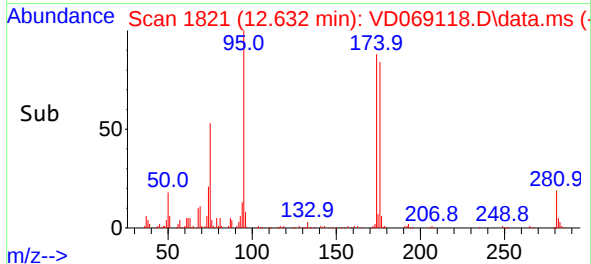
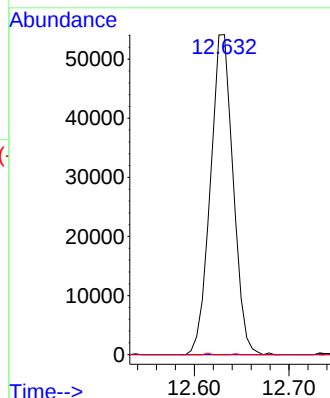
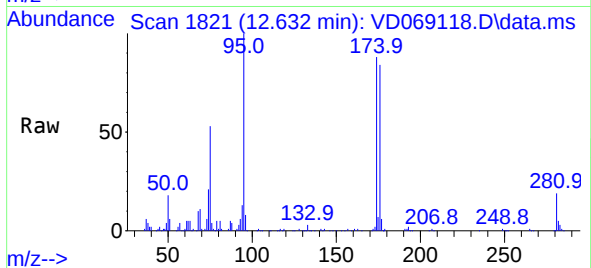




#81
trans-1,4-Dichloro-2-butene
Concen: 117.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

Tgt Ion: 75 Resp: 90636
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.1 37.8 56.8#



#95
Naphthalene
Concen: 3.40 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion:128 Resp: 3958
Ion Ratio Lower Upper
128 100
127 6.1 10.7 16.1#
129 1.8 8.5 12.7#

