

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069256.D
 Acq On : 24 May 2021 15:21
 Operator : VA/SY
 Sample : M2479-01
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUBBASE-6-1-D

Quant Time: May 25 00:56:04 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	226371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	420406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	379260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	144142	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138082	60.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.70%
35) Dibromofluoromethane	7.914	113	147926	54.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.14%
50) Toluene-d8	10.338	98	506317	50.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.74%
62) 4-Bromofluorobenzene	12.626	95	135707	41.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.90%

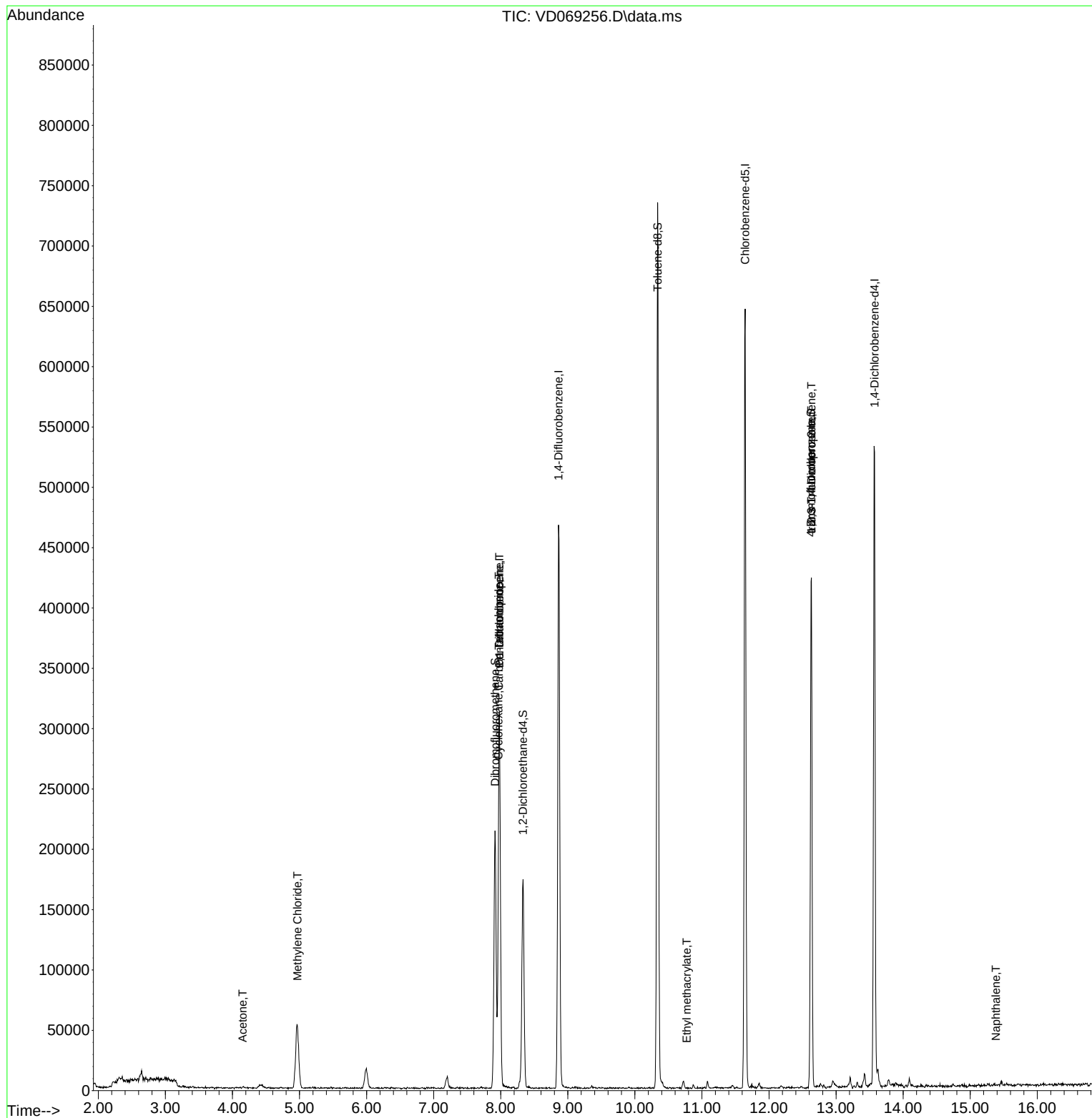
Target Compounds					Qvalue
11) Tert butyl alcohol	5.220	59	146	Below Cal	# 73
16) Acetone	4.150	43	459	1.32 ug/l	# 23
20) Methylene Chloride	4.967	84	44451	8.11 ug/l	# 95
31) Cyclohexane	7.967	56	5780	1.72 ug/l	# 35
36) 1,1-Dichloropropene	7.979	75	18654	4.56 ug/l	# 47
38) Carbon Tetrachloride	7.973	117	23208	5.08 ug/l	# 19
56) Ethyl methacrylate	10.773	69	56	1.34 ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	71699	66.17 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	71699	133.66 ug/l	# 14
95) Naphthalene	15.385	128	413	2.13 ug/l	# 77

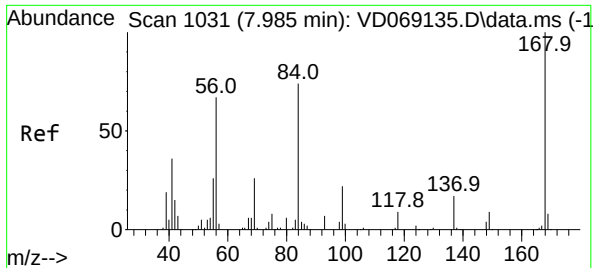
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
Data File : VD069256.D
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Misc : 5.12G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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MSVOA_D
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SUBBASE-6-1-D

Quant Time: May 25 00:56:04 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

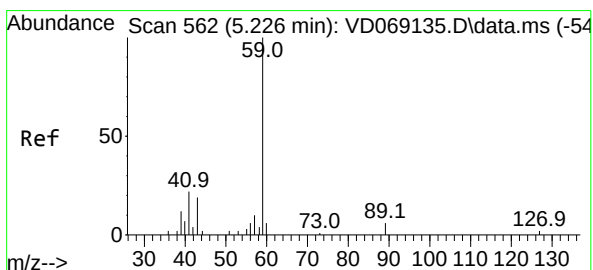
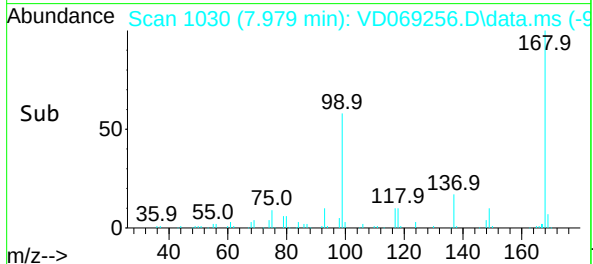
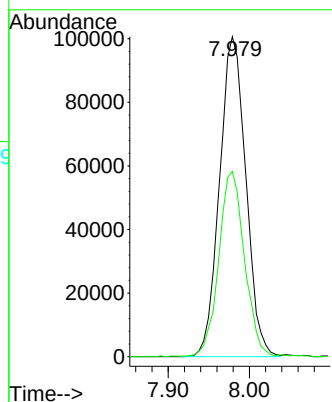
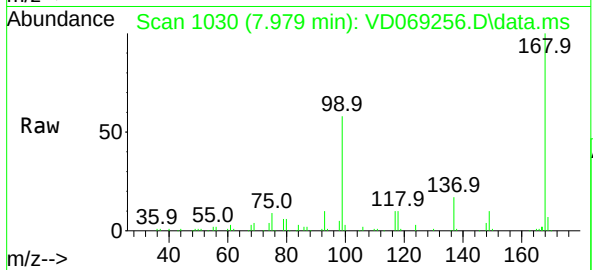




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

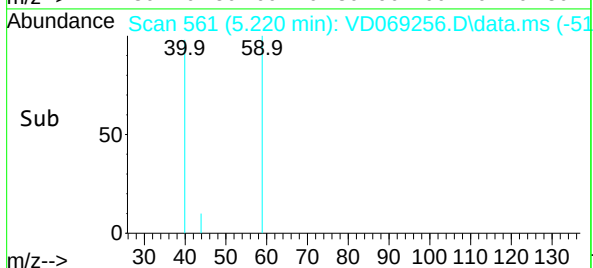
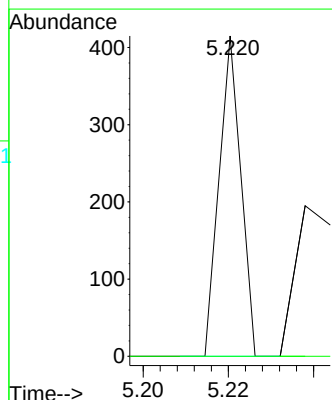
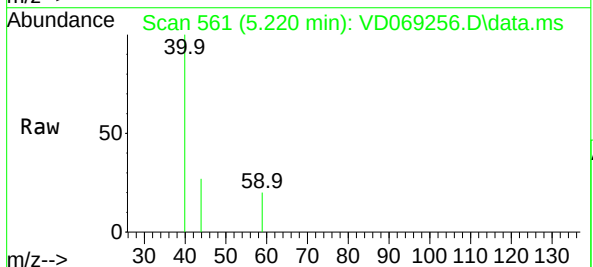
Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D

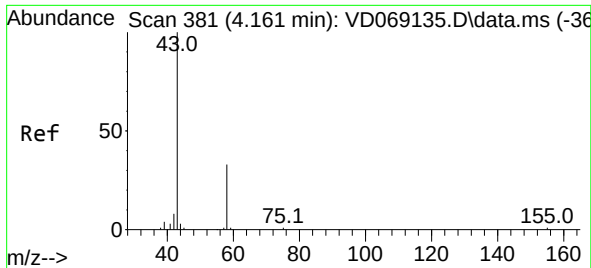
Tgt Ion:168 Resp: 226371
Ion Ratio Lower Upper
168 100
99 57.7 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

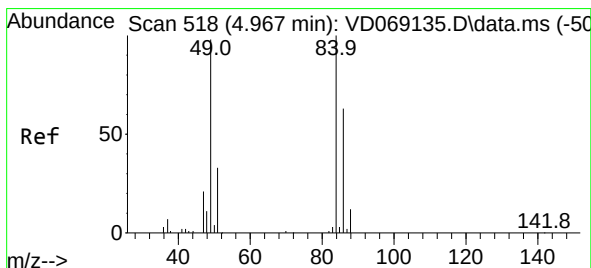
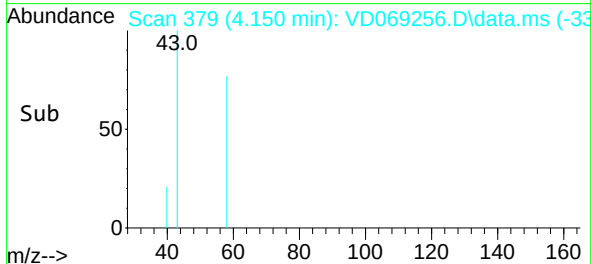
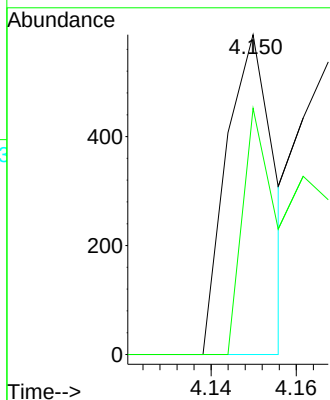
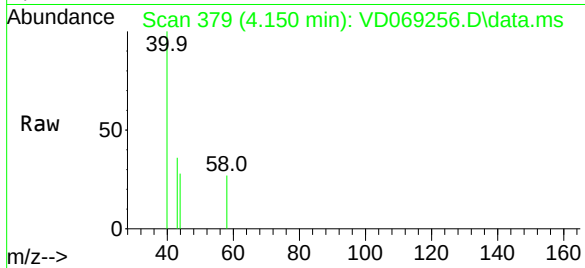




#16
Acetone
Concen: 1.32 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

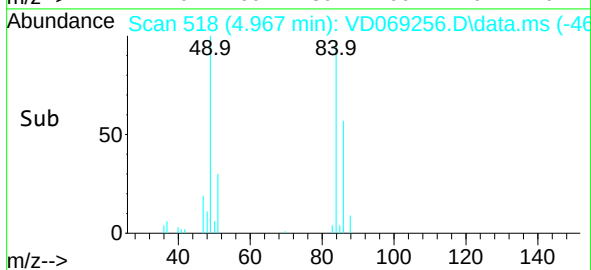
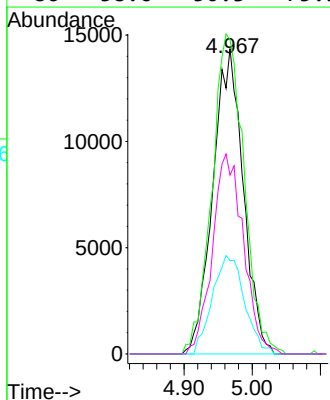
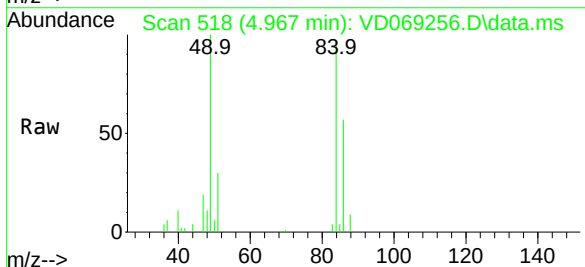
Instrument :
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ClientSampleId :
SUBBASE-6-1-D

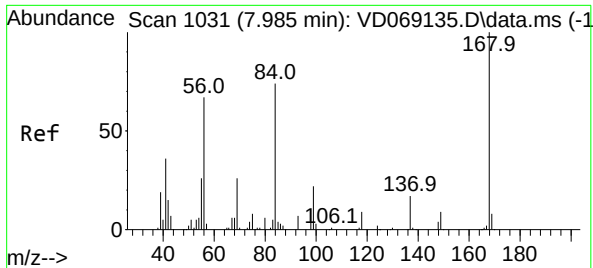
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 77.0 26.7 40.1#



#20
Methylene Chloride
Concen: 8.11 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 84 Resp: 44451
Ion Ratio Lower Upper
84 100
49 102.9 78.6 117.8
51 30.5 26.7 40.1
86 58.6 50.3 75.5

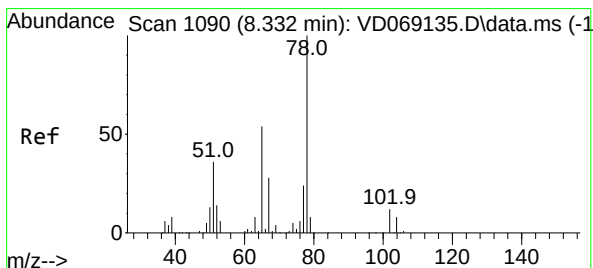
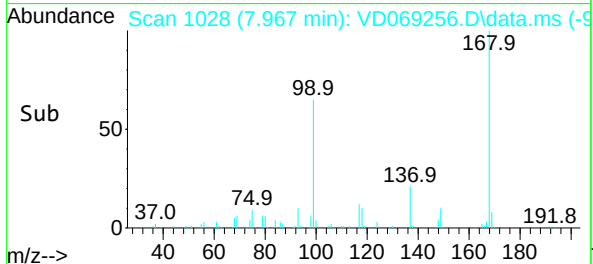
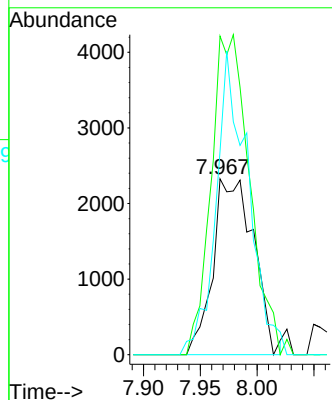
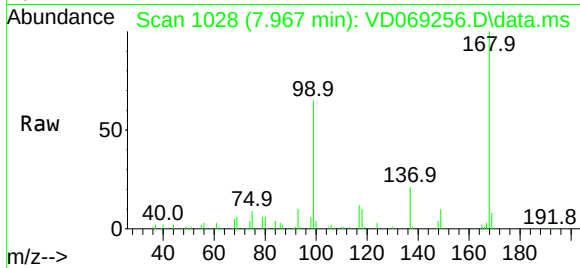




#31
Cyclohexane
Concen: 1.72 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.017 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

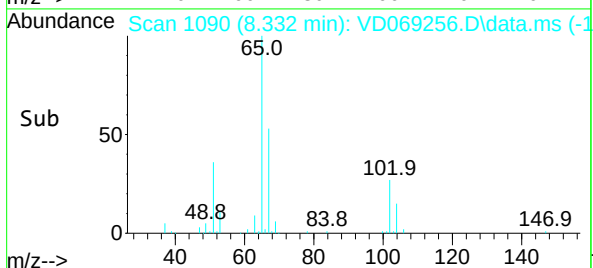
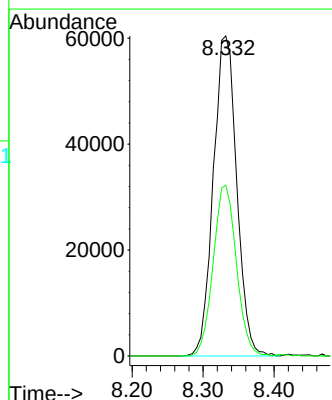
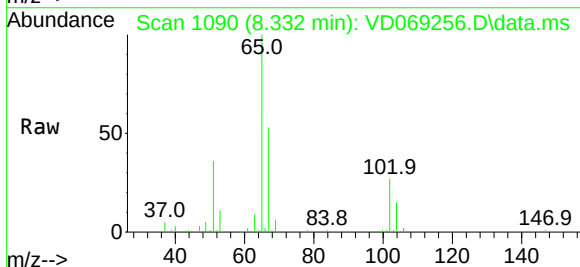
Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D

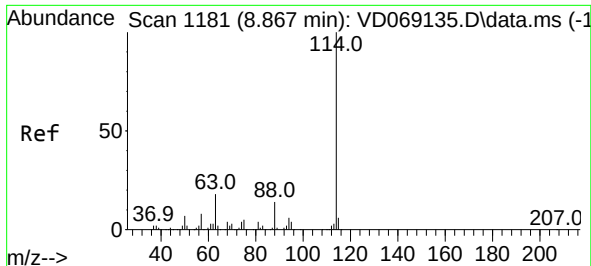
Tgt Ion: 56 Resp: 5780
Ion Ratio Lower Upper
56 100
69 181.2 30.6 46.0#
84 115.7 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 60.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 65 Resp: 138082
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0

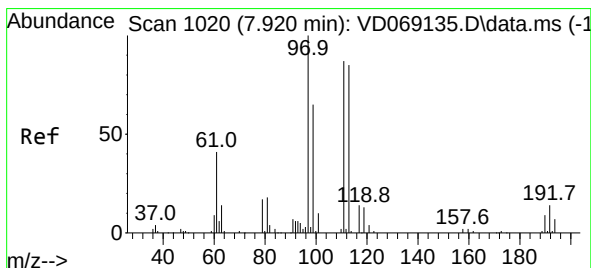
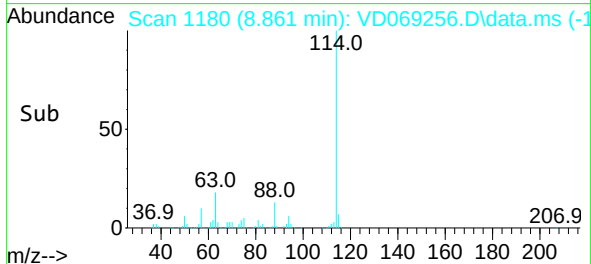
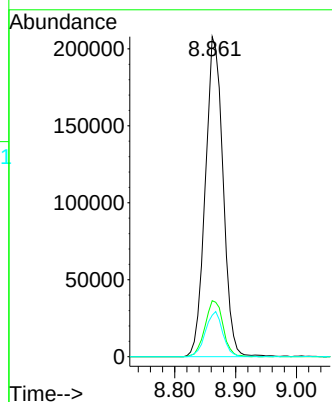
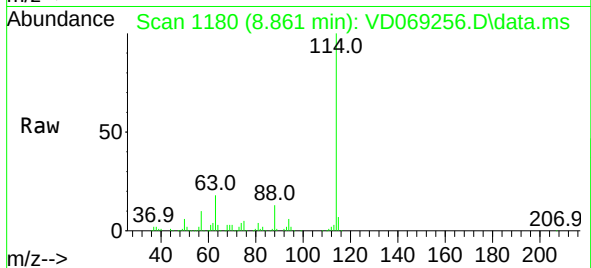




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

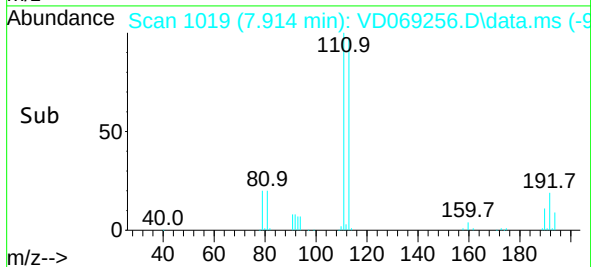
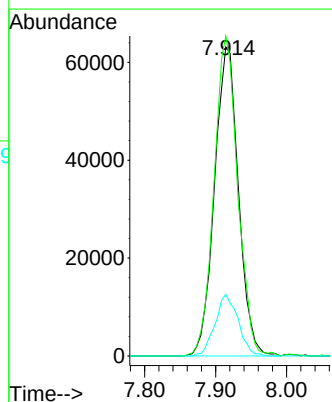
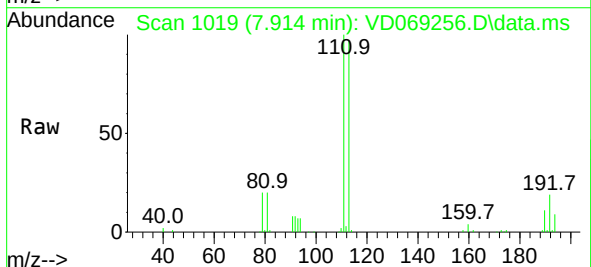
Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D

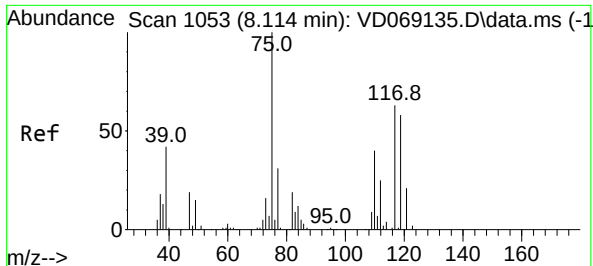
Tgt Ion:114 Resp: 420406
Ion Ratio Lower Upper
114 100
63 17.5 0.0 36.4
88 13.0 0.0 28.2



#35
Dibromofluoromethane
Concen: 54.07 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion:113 Resp: 147926
Ion Ratio Lower Upper
113 100
111 102.4 80.6 120.8
192 19.1 14.8 22.2

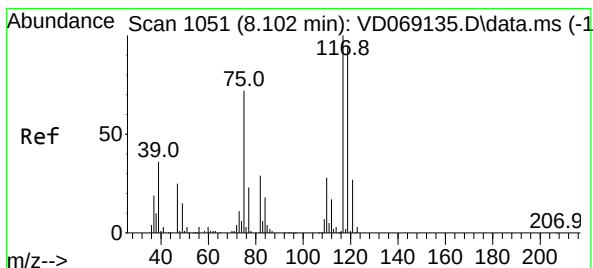
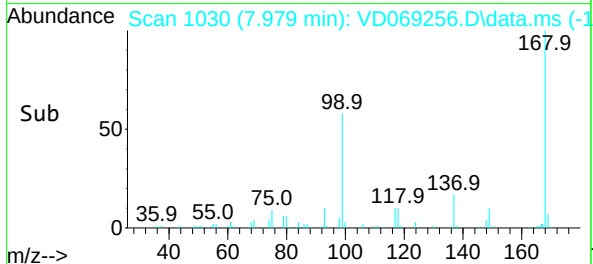
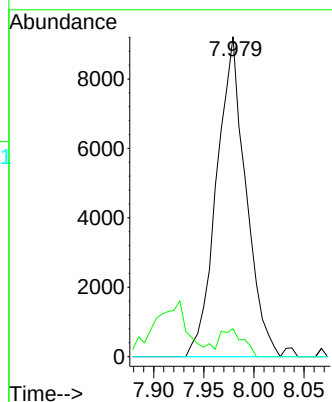
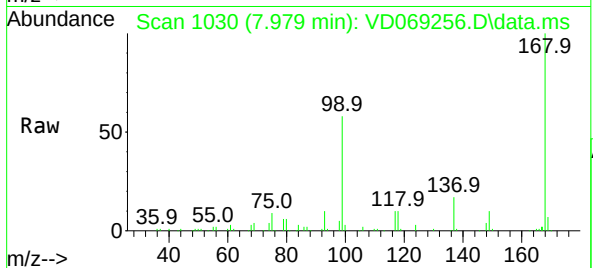




#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

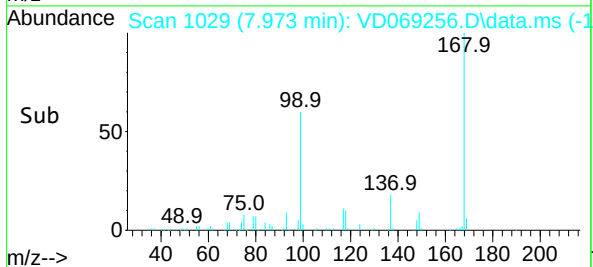
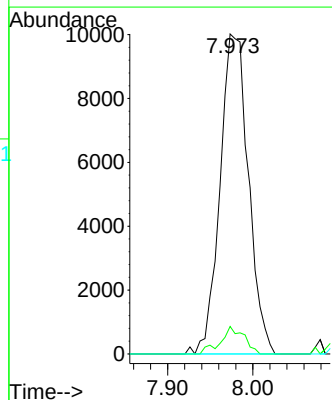
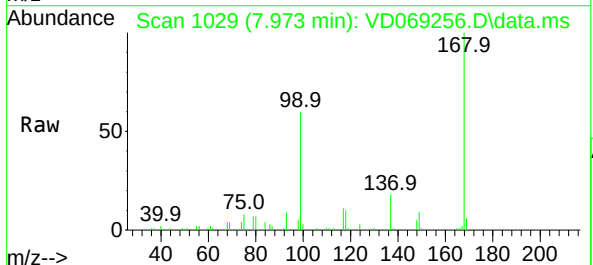
Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D

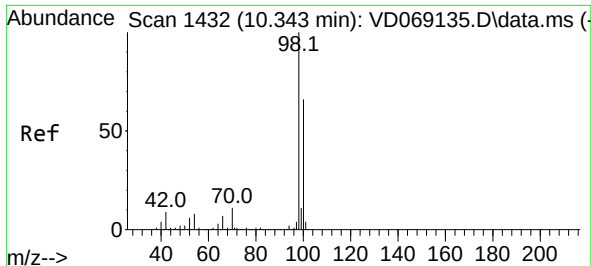
Tgt Ion:	75	Resp:	18654
Ion Ratio	Lower	Upper	
75	100		
110	7.7	18.8	56.4#
77	0.0	25.2	37.8#



#38
Carbon Tetrachloride
Concen: 5.08 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion:	117	Resp:	23208
Ion Ratio	Lower	Upper	
117	100		
119	8.6	76.2	114.2#
121	0.0	21.9	32.9#

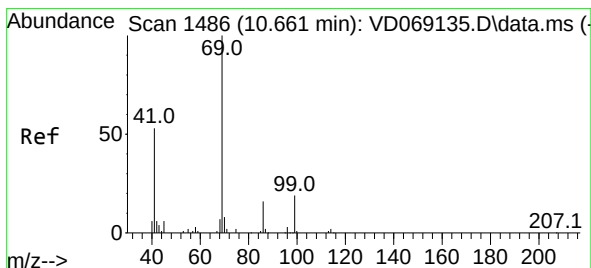
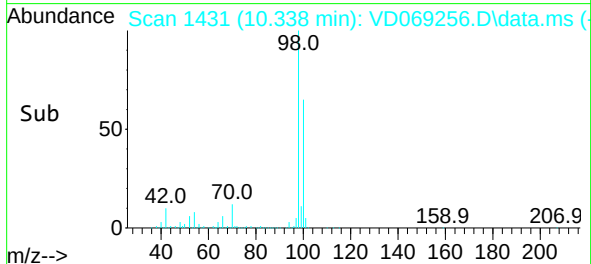
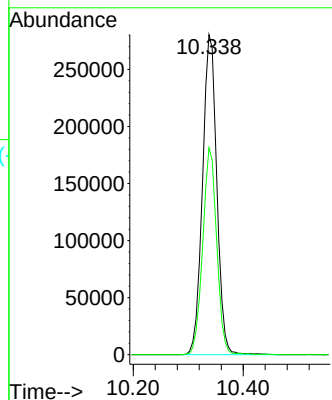
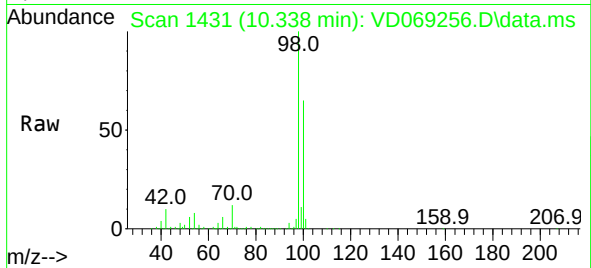




#50
Toluene-d8
Concen: 50.37 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

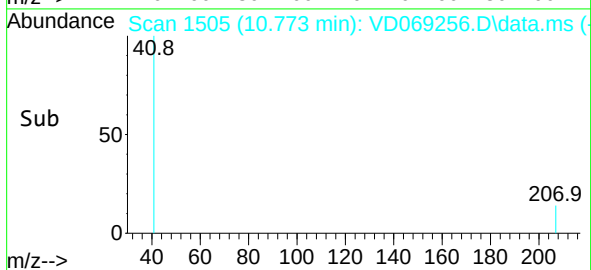
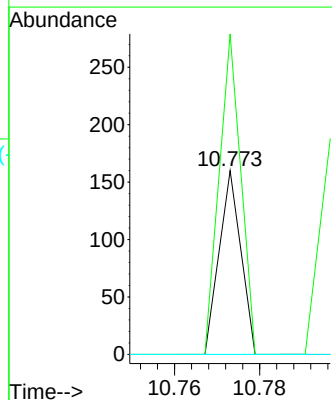
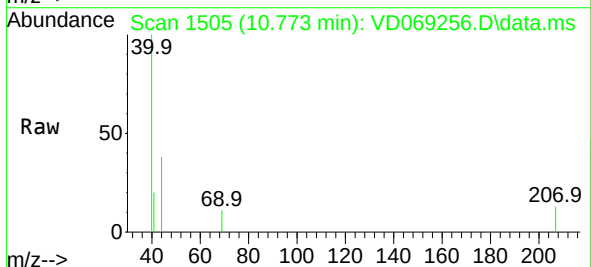
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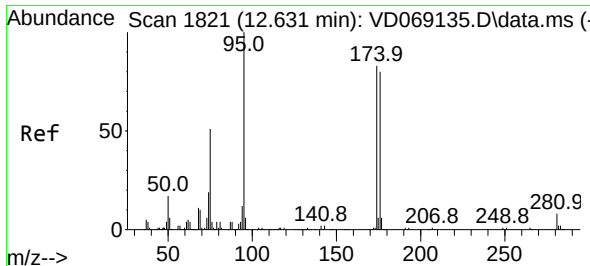
Tgt Ion: 98 Resp: 506317
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.34 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. 0.112 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 175.0 42.2 63.2#
39 0.0 26.3 39.5#

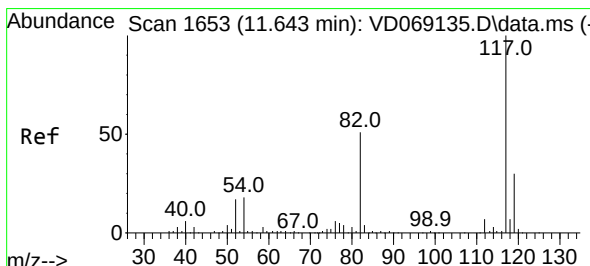
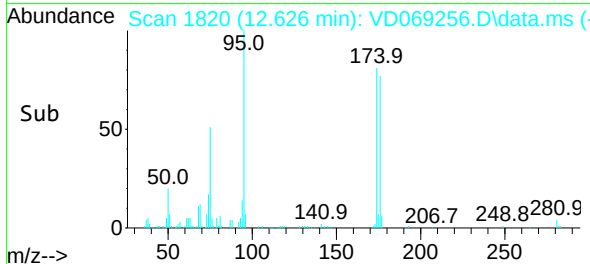
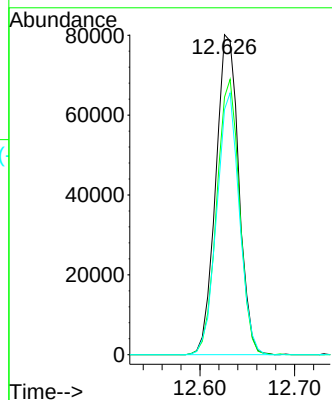
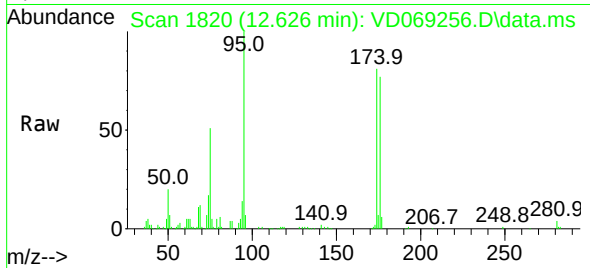




#62
4-Bromofluorobenzene
Concen: 41.95 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

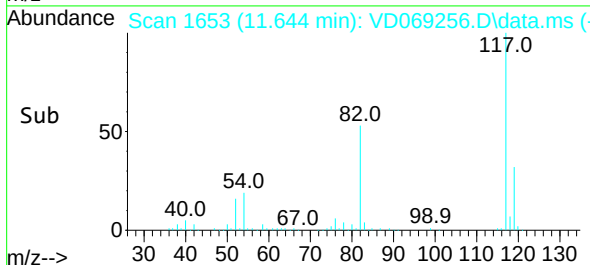
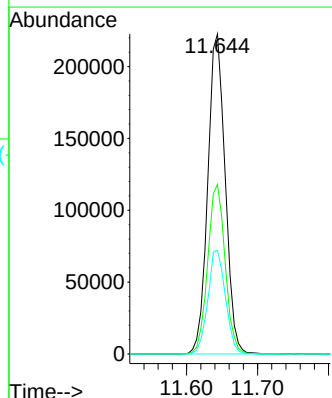
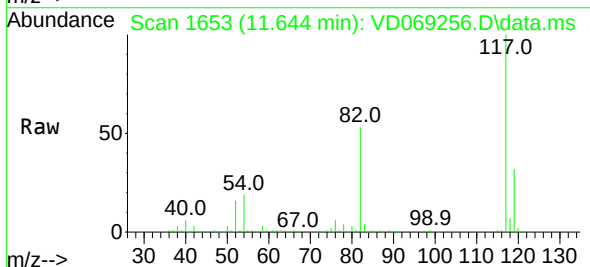
Instrument :
MSVOA_D
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SUBBASE-6-1-D

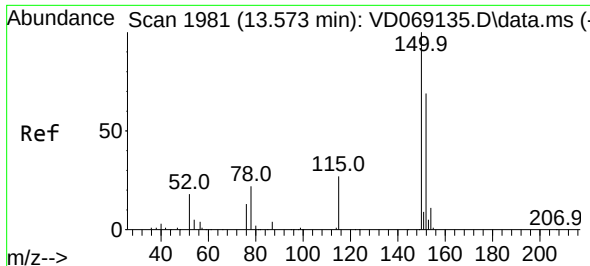
Tgt Ion: 95 Resp: 135707
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.8
176 80.1 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 117 Resp: 379260
Ion Ratio Lower Upper
117 100
82 53.0 40.5 60.7
119 32.4 24.2 36.4

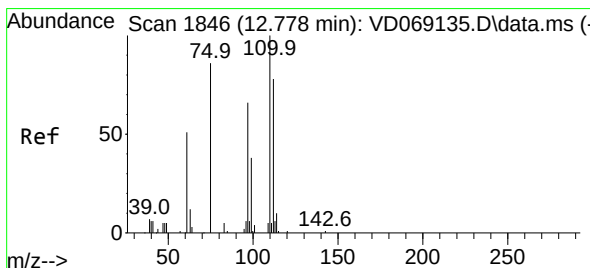
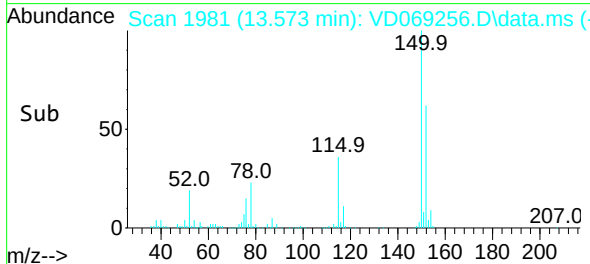
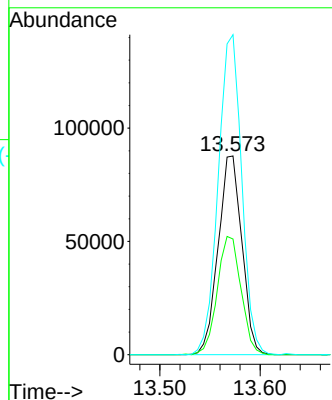
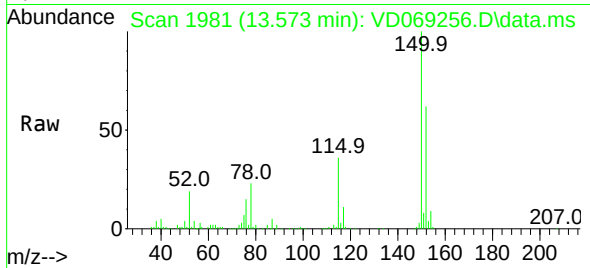




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069256.D
 Acq: 24 May 2021 15:21

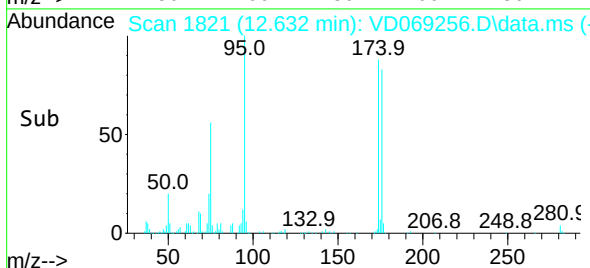
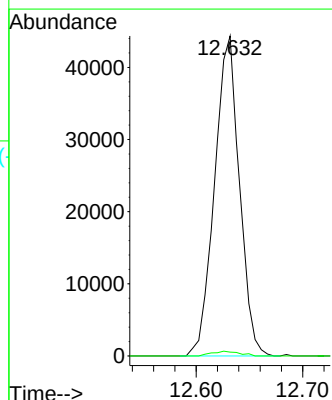
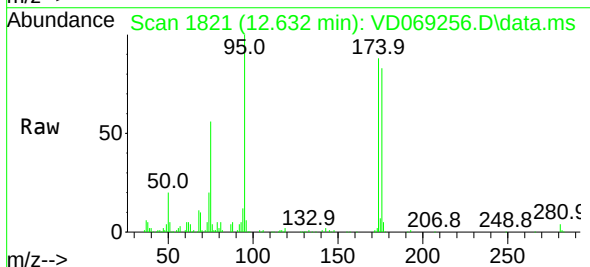
Instrument :
 MSVOA_D
 ClientSampleId :
 SUBBASE-6-1-D

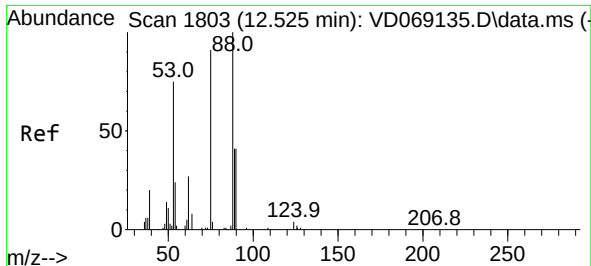
Tgt Ion:152 Resp: 144142
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.9 89.8
 150 159.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 66.17 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD069256.D
 Acq: 24 May 2021 15:21

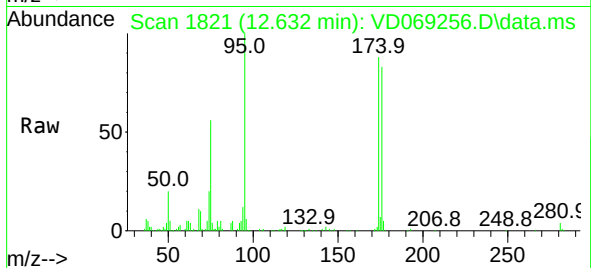
Tgt Ion: 75 Resp: 71699
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



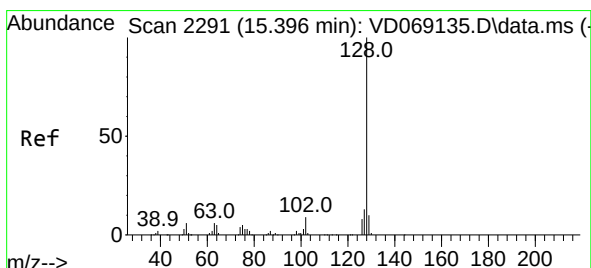
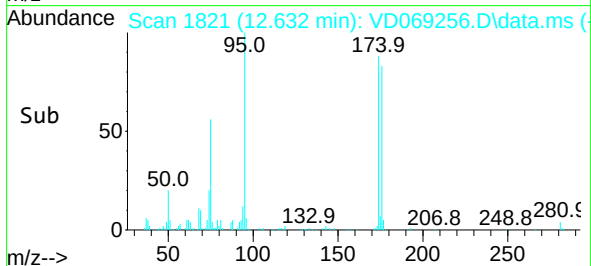
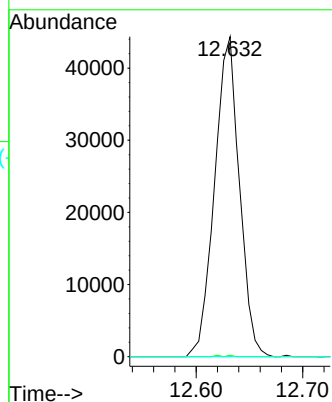


#81
trans-1,4-Dichloro-2-butene
Concen: 133.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D



Tgt Ion: 75 Resp: 71699
Ion Ratio Lower Upper
75 100
53 0.2 70.0 105.0#
89 0.0 40.2 60.2#



#95
Naphthalene
Concen: 2.13 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 128 Resp: 413
Ion Ratio Lower Upper
128 100
127 20.3 10.5 15.7#
129 0.0 8.9 13.3#

