

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069598.D
 Acq On : 06 Jul 2021 22:52
 Operator : VA/SY
 Sample : M2946-05
 Misc : 6.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Jul 07 04:57:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

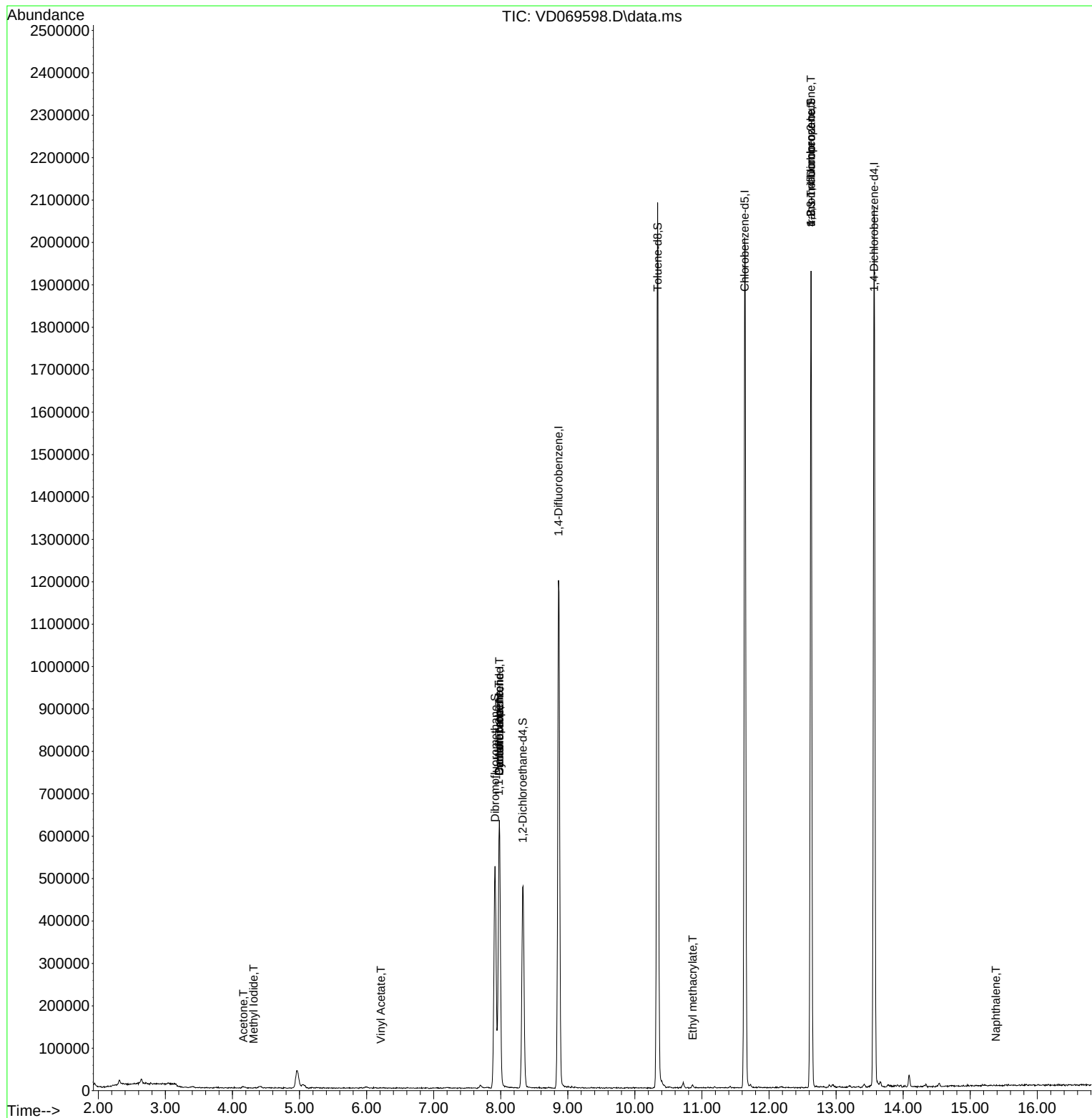
Internal Standards						
1) Pentafluorobenzene	7.979	168	439886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1013536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1166644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	525280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	387097	70.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.200%			
35) Dibromofluoromethane	7.914	113	384283	56.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.180%			
50) Toluene-d8	10.338	98	1404723	54.661	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.320%			
62) 4-Bromofluorobenzene	12.626	95	544770	64.480	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 128.960%			
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	1173	Below Cal		92
10) Methyl Iodide	4.315	142	209	3.982 ug/l #		40
11) Tert butyl alcohol	5.209	59	854	Below Cal		97
16) Acetone	4.162	43	5732	6.211 ug/l		90
18) Methyl Acetate	4.709	43	72	Below Cal #		49
20) Methylene Chloride	4.962	84	34096	Below Cal #		87
23) Vinyl Acetate	6.214	43	62	19.018 ug/l #		70
31) Cyclohexane	7.979	56	10977	1.487 ug/l #		13
36) 1,1-Dichloropropene	7.973	75	39759	3.997 ug/l #		50
38) Carbon Tetrachloride	7.979	117	47707	4.846 ug/l #		18
56) Ethyl methacrylate	10.861	69	352	2.633 ug/l #		1
76) 1,2,3-Trichloropropane	12.626	75	274360	53.209 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	274360	132.855 ug/l #		13
95) Naphthalene	15.385	128	534	3.385 ug/l #		69

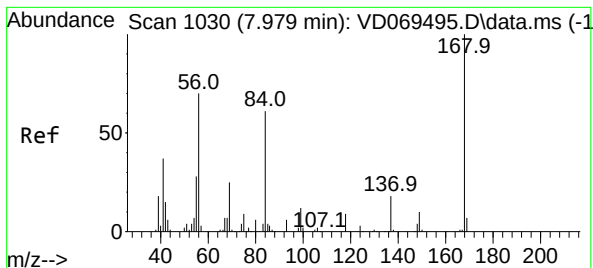
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069598.D
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Operator : VA/SY
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Quant Time: Jul 07 04:57:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 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: VD069598.D

Acq: 06 Jul 2021 22:52

Instrument :

MSVOA_D

ClientSampleId :

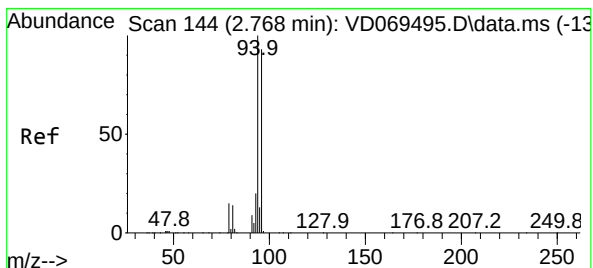
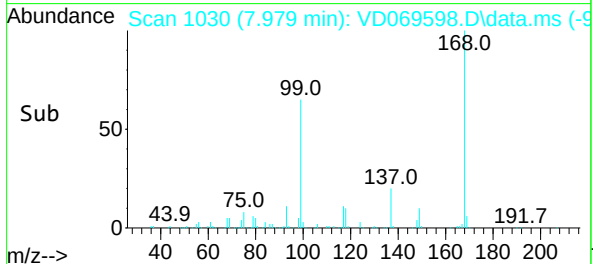
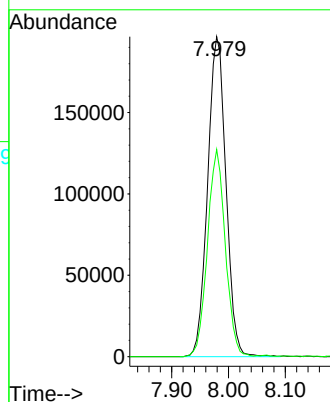
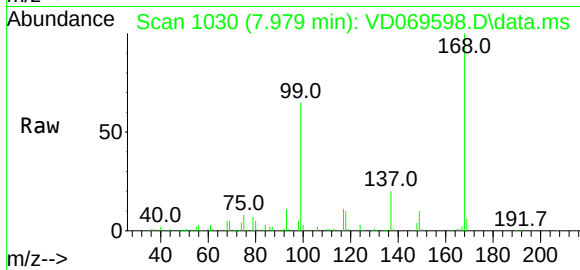
SB-5

Tgt Ion:168 Resp: 439886

Ion Ratio Lower Upper

168 100

99 64.8 49.3 73.9



#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.011 min

Lab File: VD069598.D

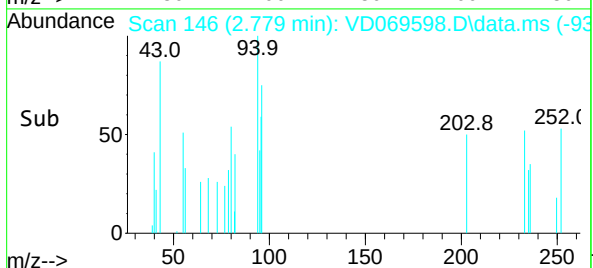
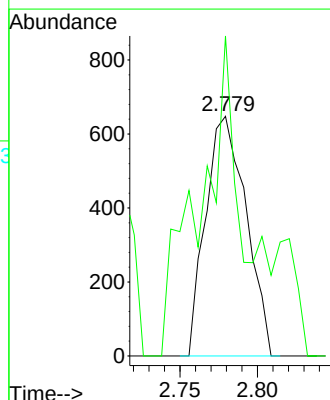
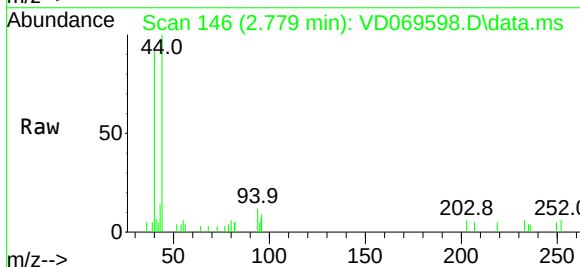
Acq: 06 Jul 2021 22:52

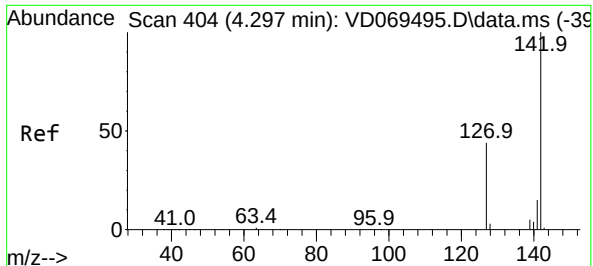
Tgt Ion: 94 Resp: 1173

Ion Ratio Lower Upper

94 100

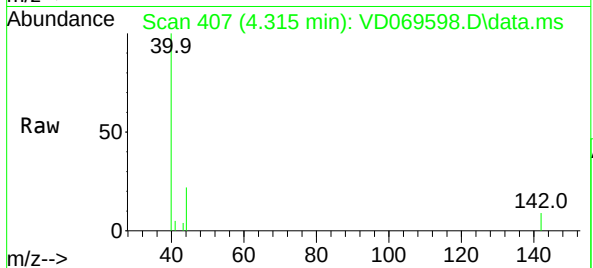
96 86.0 74.6 111.8



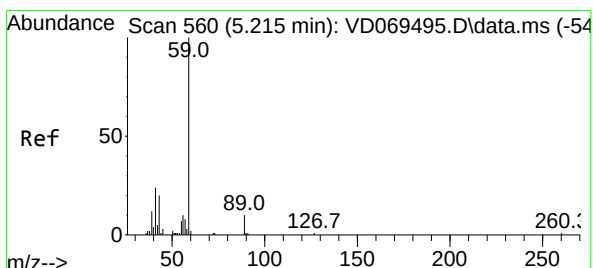
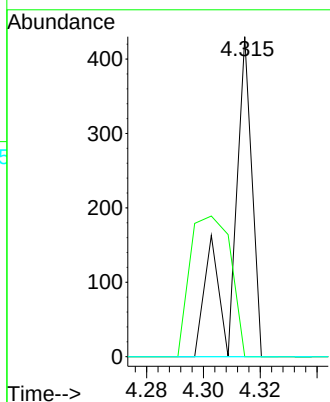
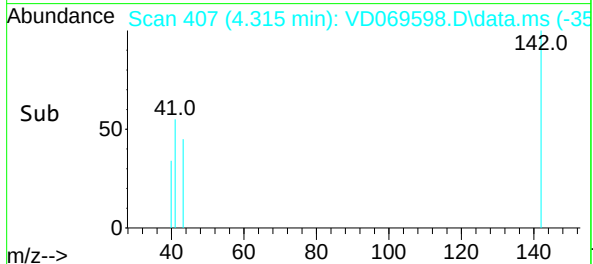


#10
Methyl Iodide
Concen: 3.982 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

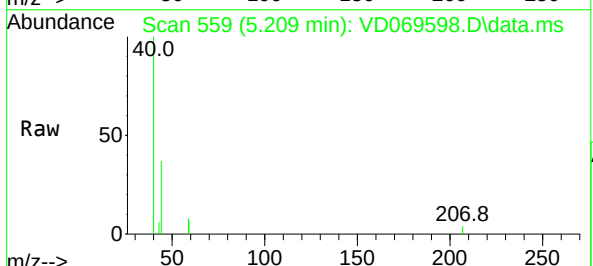
Instrument :
MSVOA_D
ClientSampled :
SB-5



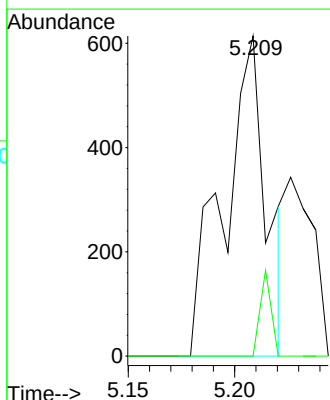
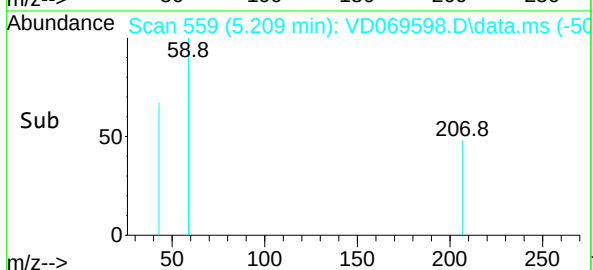
Tgt Ion:	142	Resp:	209
Ion	Ratio	Lower	Upper
142	100		
127	90.0	36.5	54.7#
141	0.0	12.0	18.0#

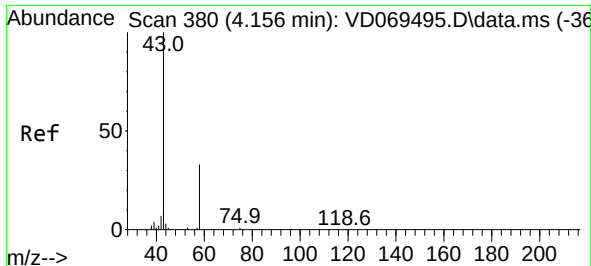


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.006 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52



Tgt Ion:	59	Resp:	854
Ion	Ratio	Lower	Upper
59	100		
57	6.8	4.6	7.0

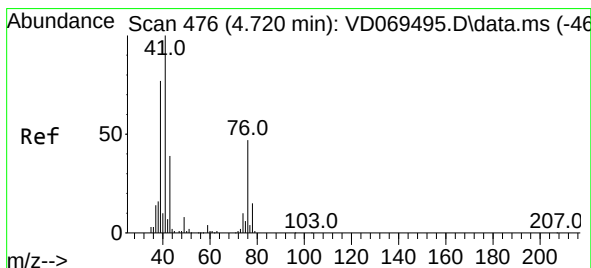
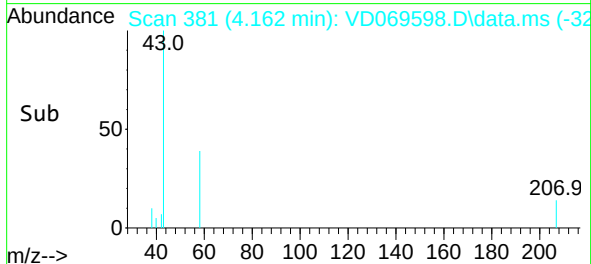
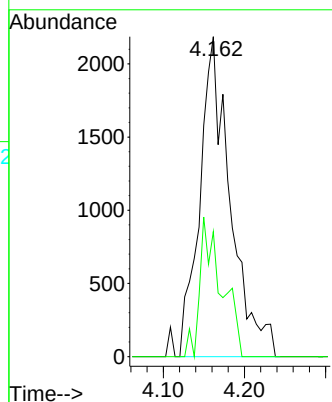
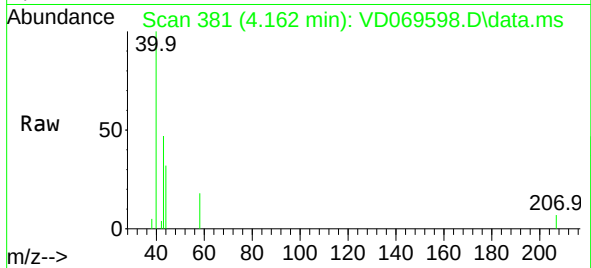




#16
Acetone
Concen: 6.211 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

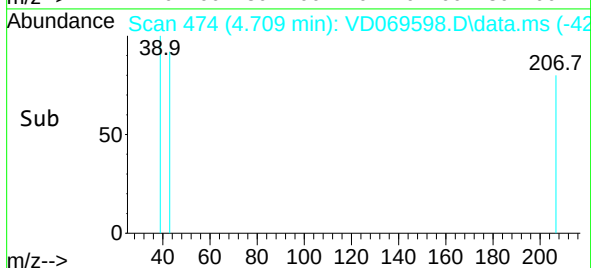
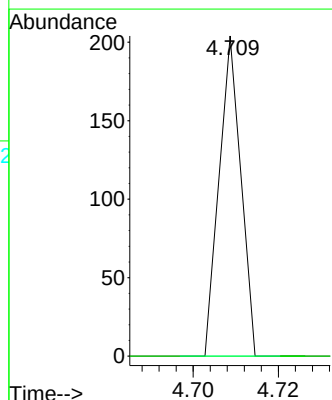
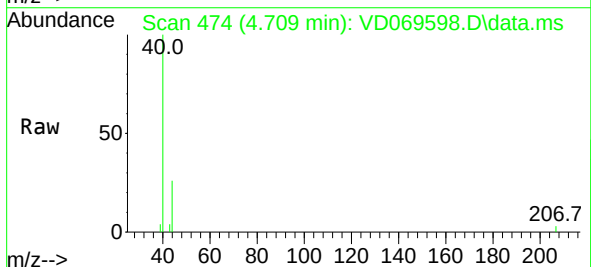
Instrument :
MSVOA_D
ClientSampled :
SB-5

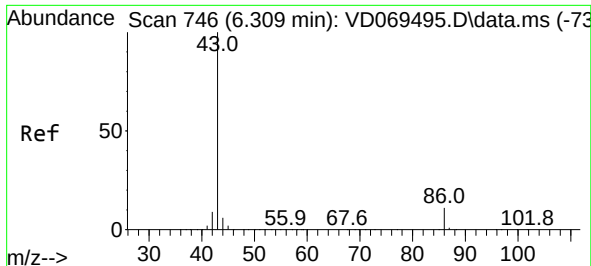
Tgt Ion: 43 Resp: 5732
Ion Ratio Lower Upper
43 100
58 39.0 26.8 40.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#

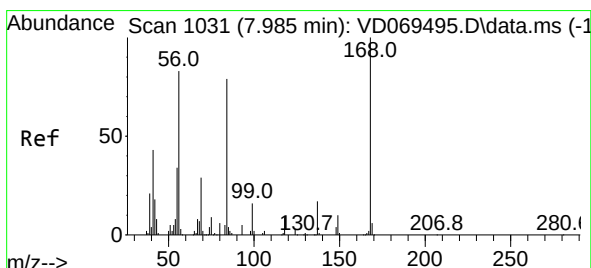
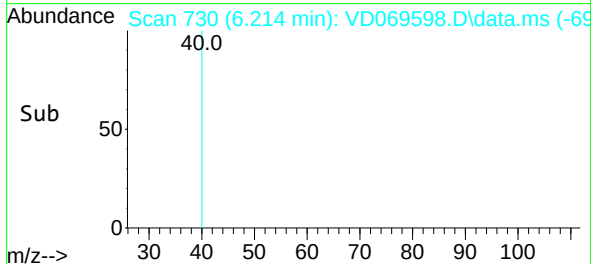
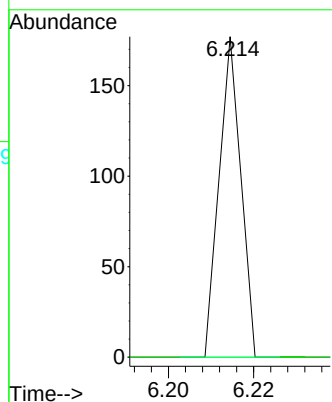
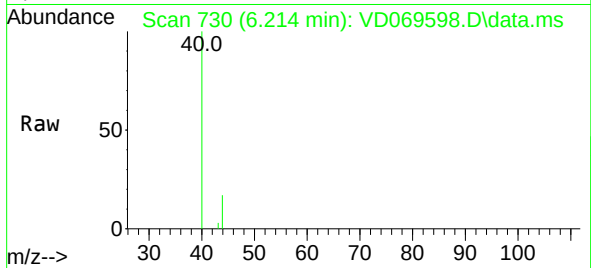




#23
 Vinyl Acetate
 Concen: 19.018 ug/l
 RT: 6.214 min Scan# 730
 Delta R.T. -0.095 min
 Lab File: VD069598.D
 Acq: 06 Jul 2021 22:52

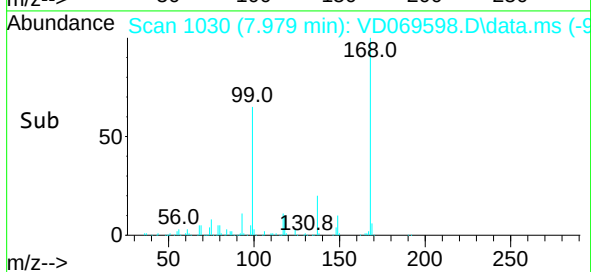
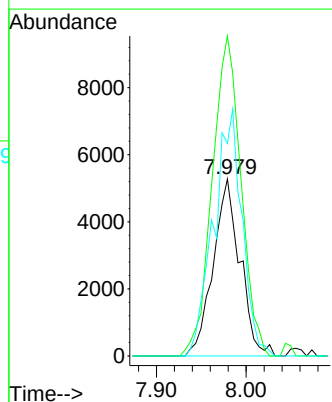
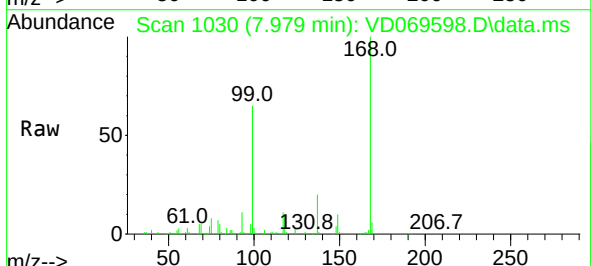
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

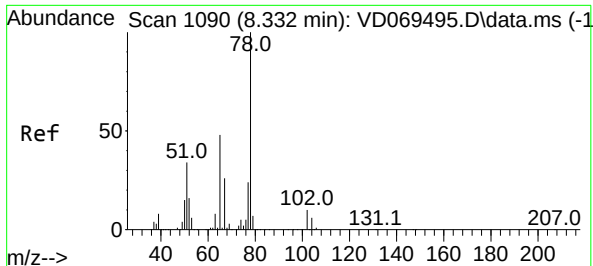
Tgt Ion: 43 Resp: 62
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.1 13.7#



#31
 Cyclohexane
 Concen: 1.487 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069598.D
 Acq: 06 Jul 2021 22:52

Tgt Ion: 56 Resp: 10977
 Ion Ratio Lower Upper
 56 100
 69 180.8 28.0 42.0#
 84 120.0 75.7 113.5#

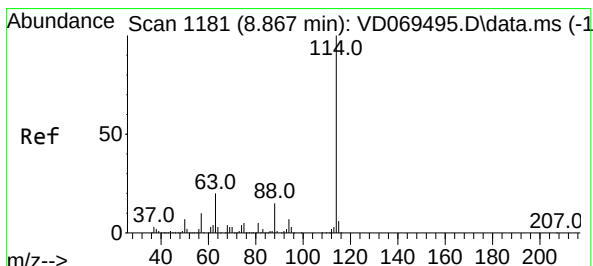
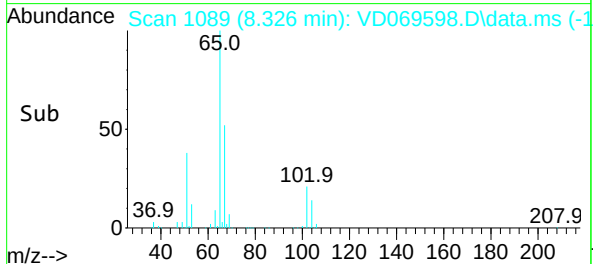
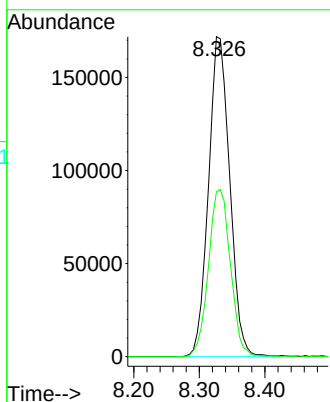
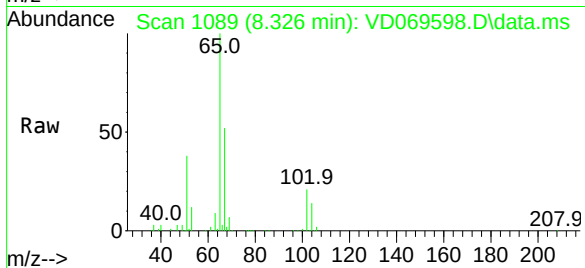




#33
 1,2-Dichloroethane-d4
 Concen: 70.598 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD069598.D
 Acq: 06 Jul 2021 22:52

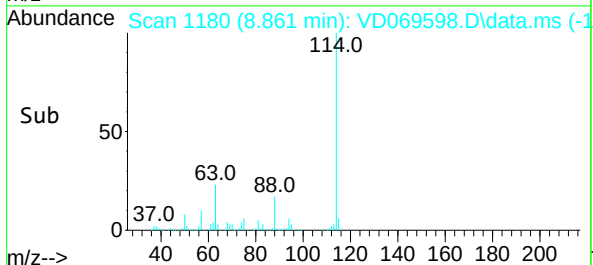
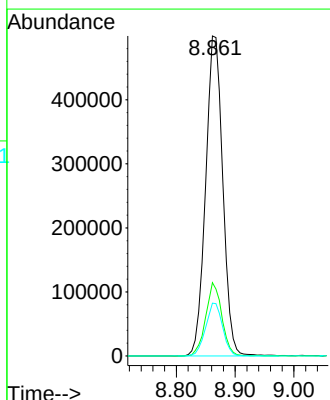
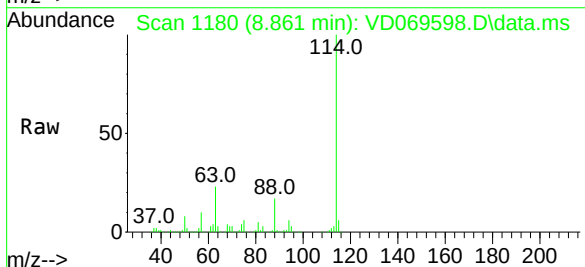
Instrument :
 MSVOA_D
 ClientSampled :
 SB-5

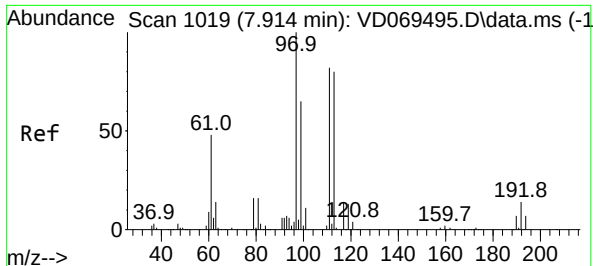
Tgt Ion: 65 Resp: 387097
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: VD069598.D
 Acq: 06 Jul 2021 22:52

Tgt Ion: 114 Resp: 1013536
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 39.6
 88 16.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 56.089 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069598.D

Acq: 06 Jul 2021 22:52

Tgt Ion:113 Resp: 384283

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

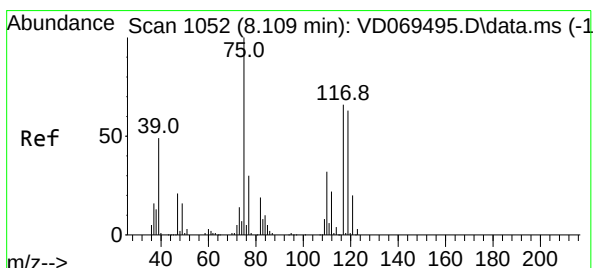
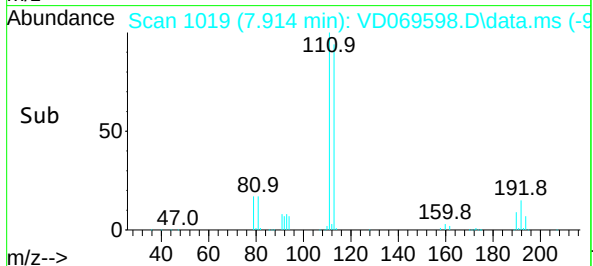
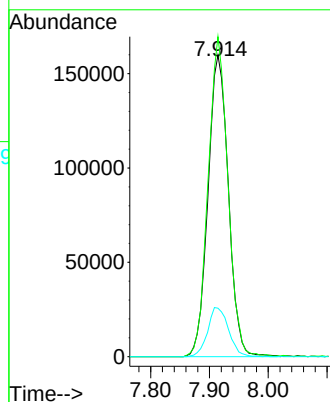
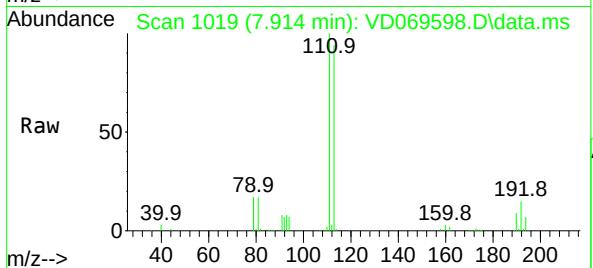
192 16.7 13.8 20.6

Instrument :

MSVOA_D

ClientSampled :

SB-5



#36

1,1-Dichloropropene

Concen: 3.997 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD069598.D

Acq: 06 Jul 2021 22:52

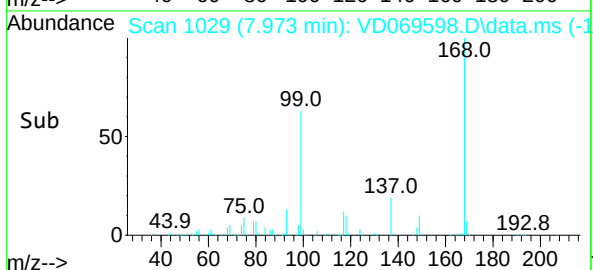
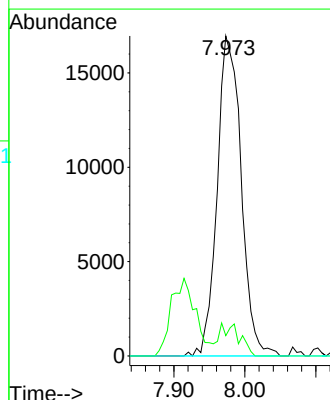
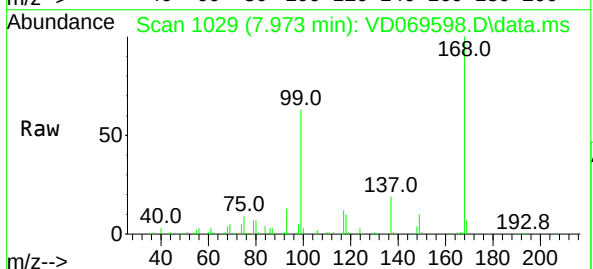
Tgt Ion: 75 Resp: 39759

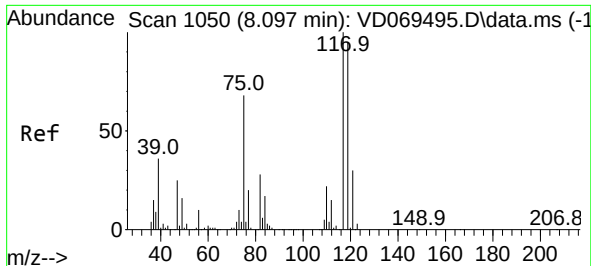
Ion Ratio Lower Upper

75 100

110 8.4 16.8 50.4#

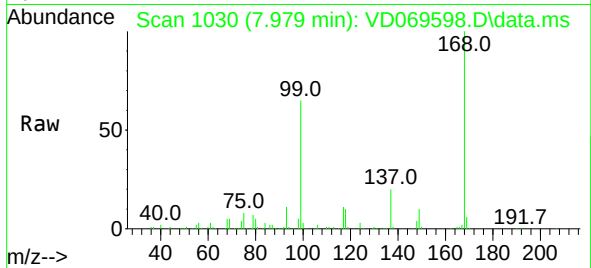
77 0.0 24.3 36.5#



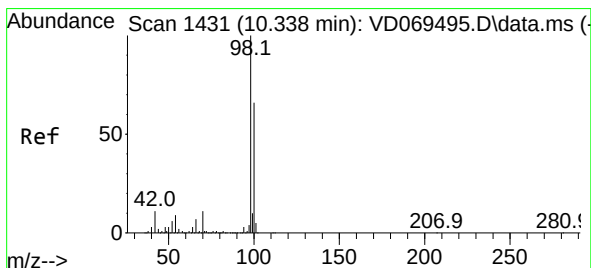
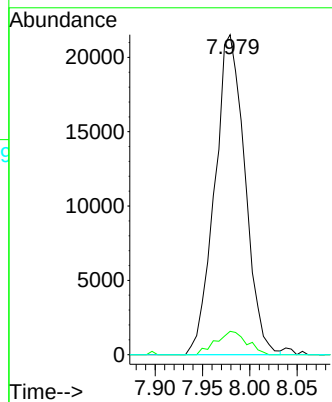
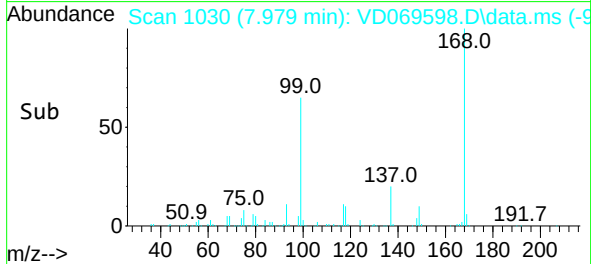


#38
Carbon Tetrachloride
Concen: 4.846 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

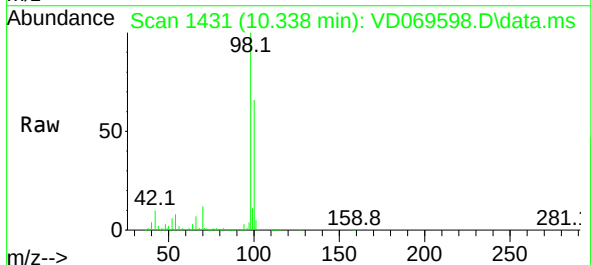
Instrument :
MSVOA_D
ClientSampled :
SB-5



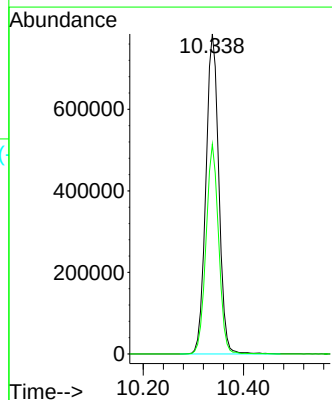
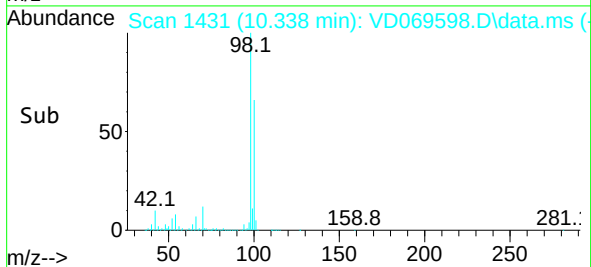
Tgt Ion:117 Resp: 47707
Ion Ratio Lower Upper
117 100
119 7.3 75.6 113.4#
121 0.0 23.8 35.8#

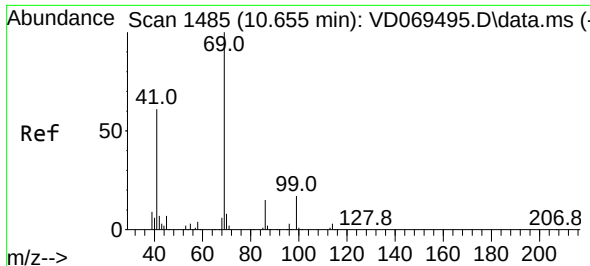


#50
Toluene-d8
Concen: 54.661 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52



Tgt Ion: 98 Resp: 1404723
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

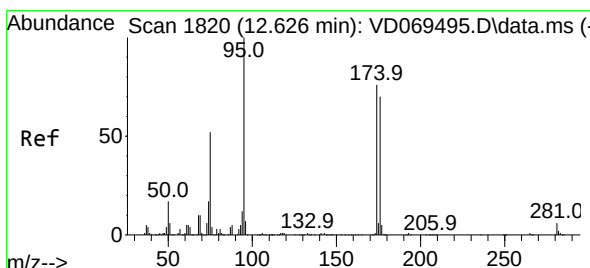
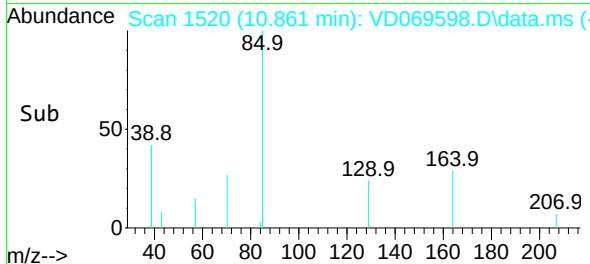
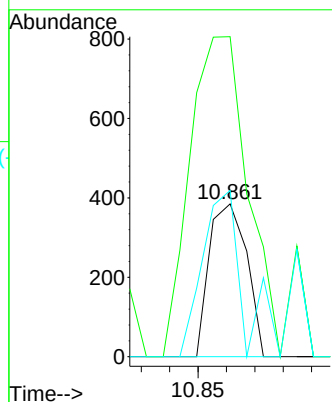
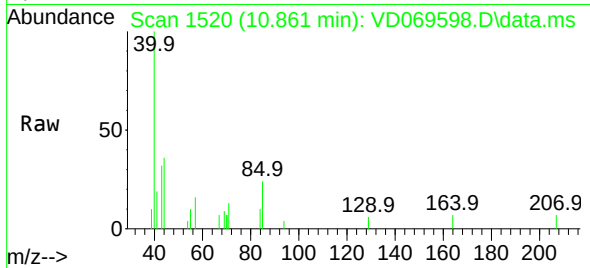




#56
Ethyl methacrylate
Concen: 2.633 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. 0.206 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

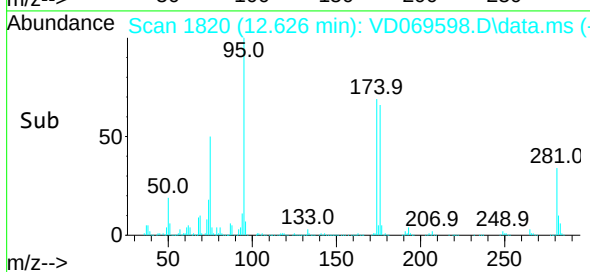
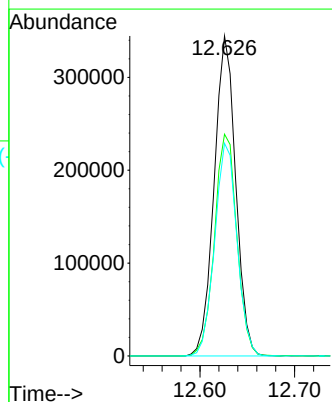
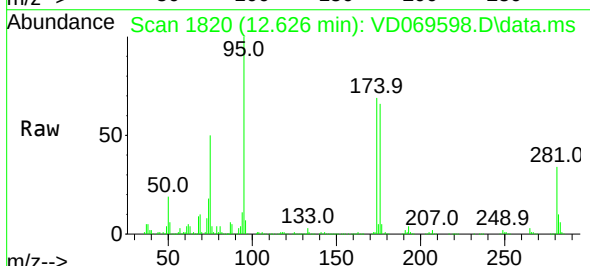
Instrument :
MSVOA_D
ClientSampled :
SB-5

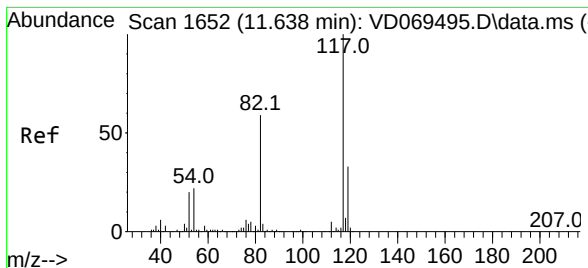
Tgt Ion: 69 Resp: 352
Ion Ratio Lower Upper
69 100
41 352.0 49.4 74.0#
39 117.6 26.9 40.3#



#62
4-Bromofluorobenzene
Concen: 64.480 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

Tgt Ion: 95 Resp: 544770
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.0
176 68.8 0.0 139.8

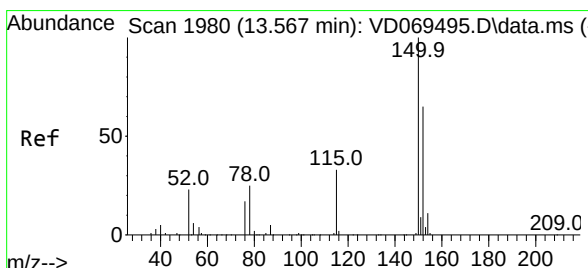
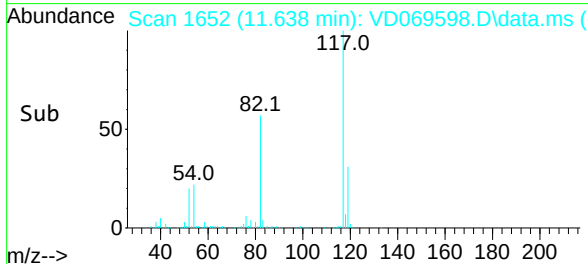
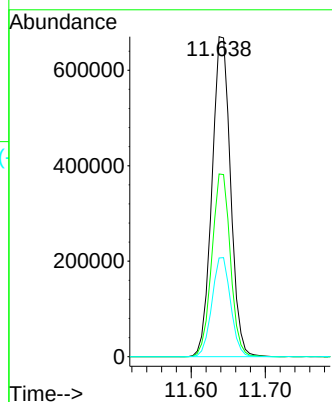
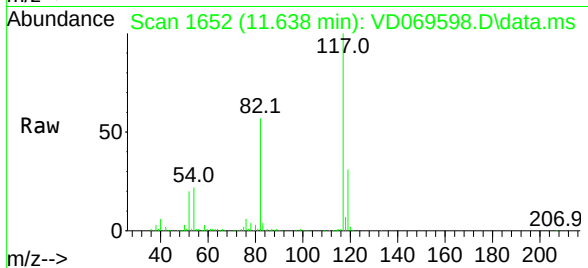




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

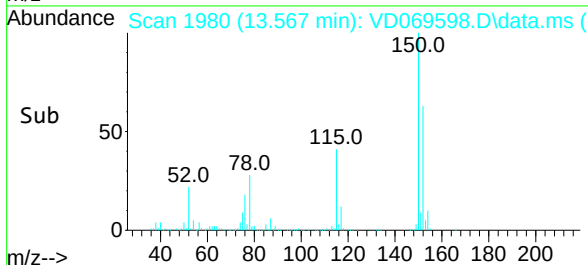
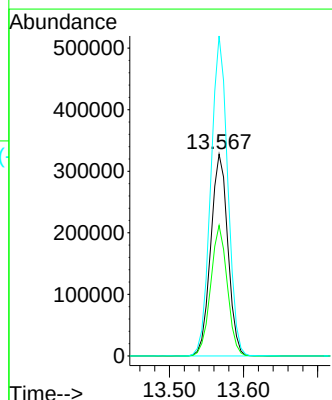
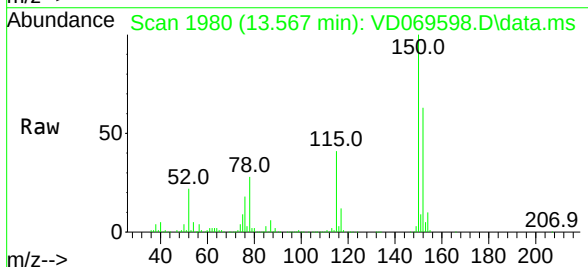
Instrument :
MSVOA_D
ClientSampled :
SB-5

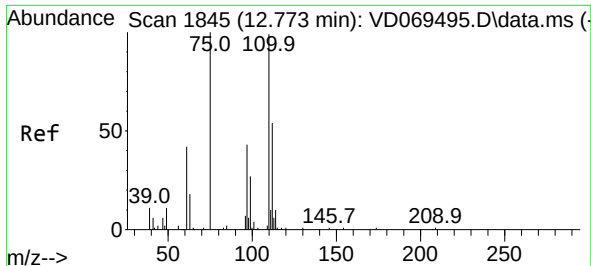
Tgt Ion:117 Resp: 1166644
Ion Ratio Lower Upper
117 100
82 57.1 46.8 70.2
119 30.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

Tgt Ion:152 Resp: 525280
Ion Ratio Lower Upper
152 100
115 62.7 31.7 95.1
150 157.0 0.0 350.8

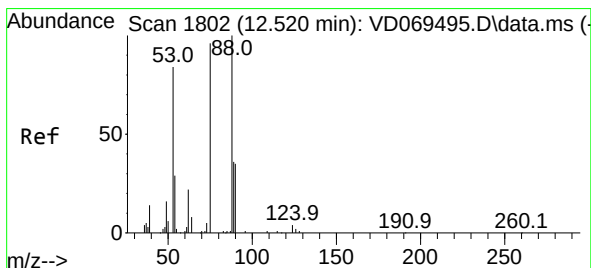
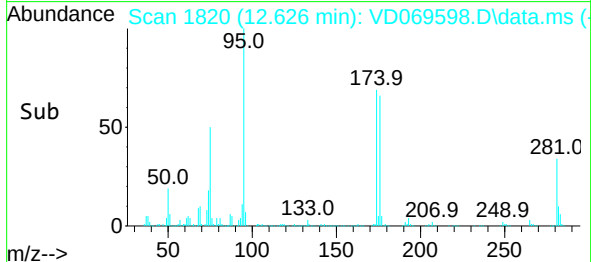
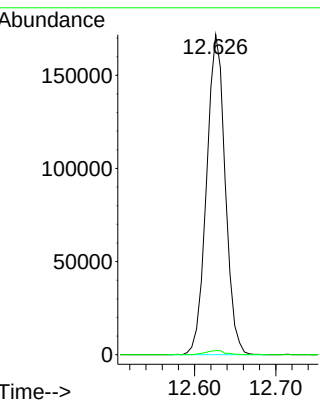
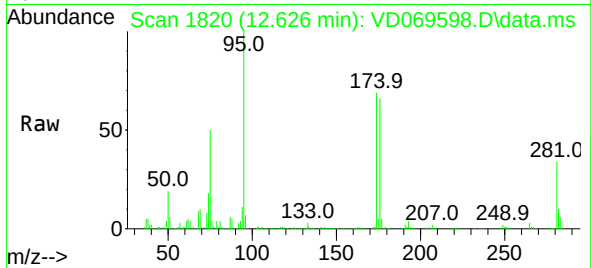




#76
1,2,3-Trichloropropane
Concen: 53.209 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

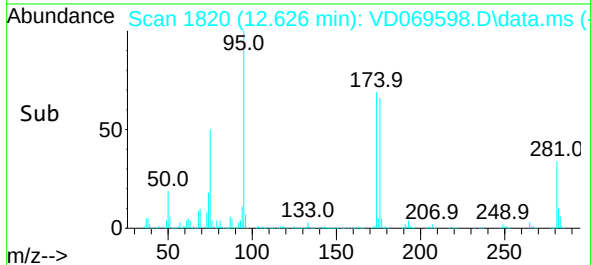
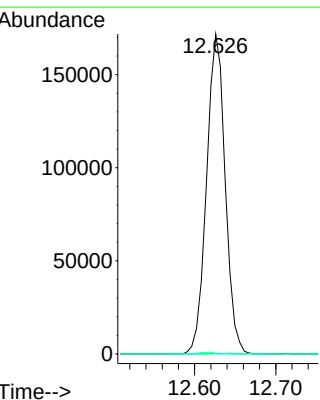
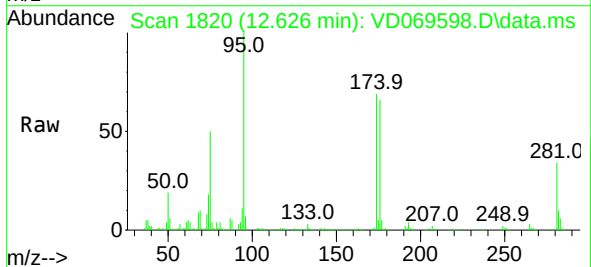
Instrument :
MSVOA_D
ClientSampleId :
SB-5

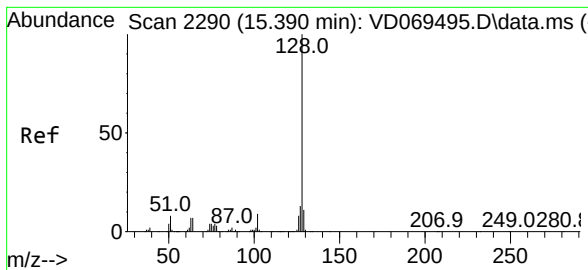
Tgt Ion: 75 Resp: 274360
Ion Ratio Lower Upper
75 100
77 1.4 162.6 487.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.855 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

Tgt Ion: 75 Resp: 274360
Ion Ratio Lower Upper
75 100
53 0.1 74.6 112.0#
89 0.4 35.3 52.9#





#95
Naphthalene
Concen: 3.385 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.005 min
Lab File: VD069598.D
Acq: 06 Jul 2021 22:52

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion:128 Resp: 534
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

