

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062521\
 Data File : VD069574.D
 Acq On : 25 Jun 2021 19:08
 Operator : VA/SY
 Sample : M2857-07
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-14-9.5-10.0

Quant Time: Jun 26 03:41:39 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)

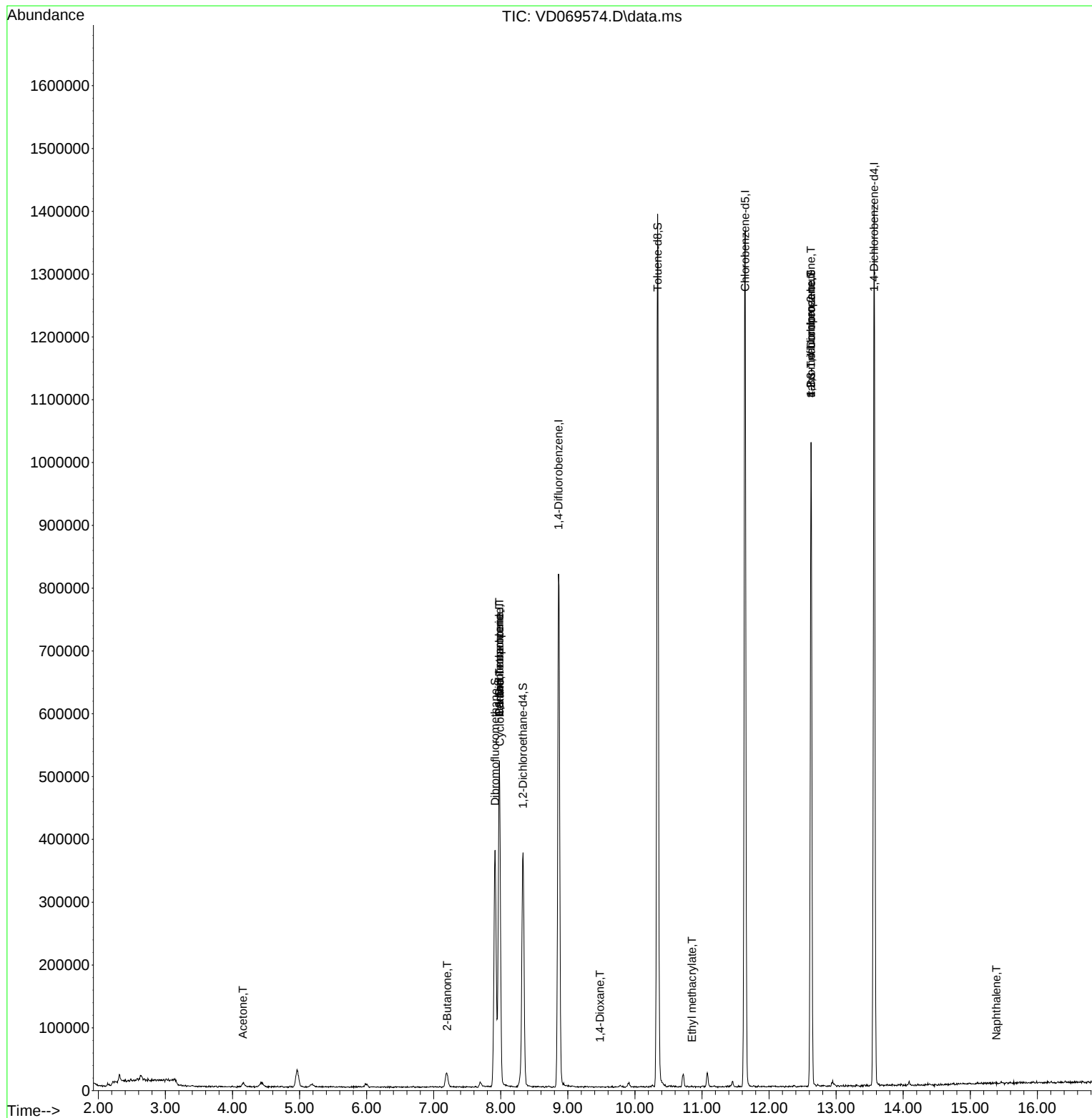
Internal Standards						
1) Pentafluorobenzene	7.979	168	355412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	700020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	790424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	354536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	311866	70.396	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.800%			
35) Dibromofluoromethane	7.914	113	274692	58.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.100%			
50) Toluene-d8	10.338	98	934654	52.658	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.626	95	345681	59.240	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.480%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	603	Below Cal	#	17
11) Tert butyl alcohol	5.238	59	128	Below Cal	#	83
16) Acetone	4.156	43	11332	15.197	ug/l #	81
18) Methyl Acetate	4.703	43	64	Below Cal	#	49
20) Methylene Chloride	4.967	84	22111	Below Cal		91
25) 2-Butanone	7.202	43	1395	1.472	ug/l #	44
31) Cyclohexane	7.985	56	9247	1.550	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	34748	5.058	ug/l #	48
38) Carbon Tetrachloride	7.979	117	40615	5.973	ug/l #	17
49) 1,4-Dioxane	9.479	88	55	2.097	ug/l #	1
56) Ethyl methacrylate	10.849	69	154	2.614	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	175510	50.431	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	175510	125.918	ug/l #	13
95) Naphthalene	15.390	128	280	3.378	ug/l #	69

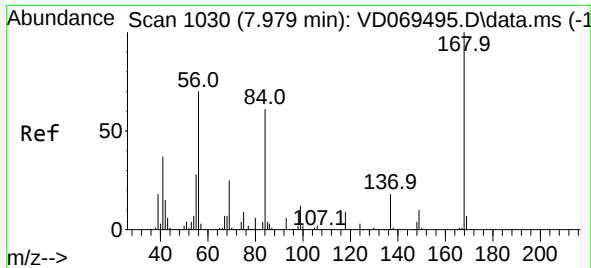
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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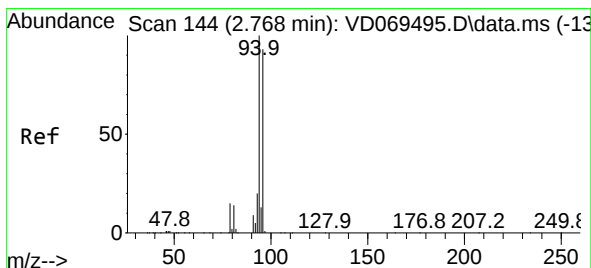
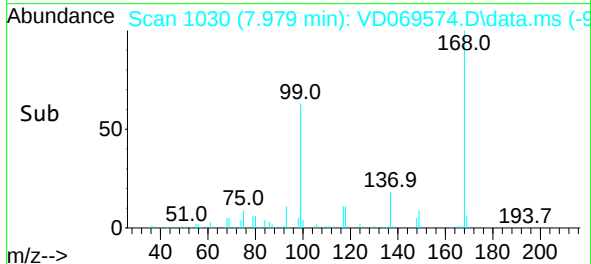
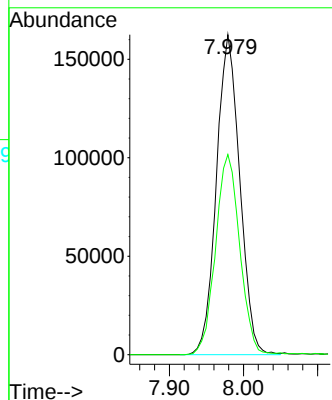
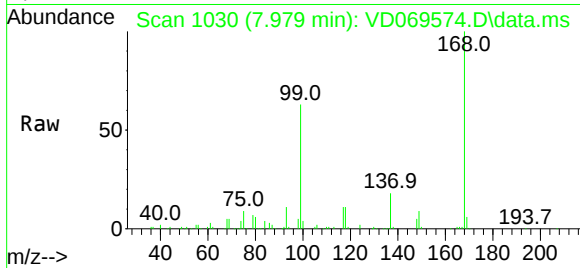




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

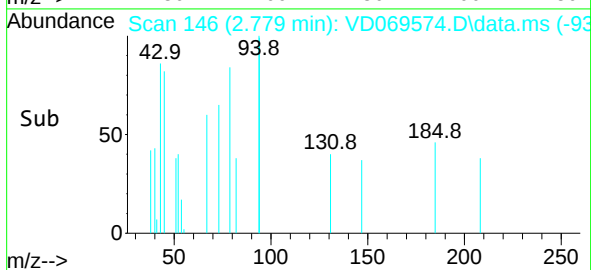
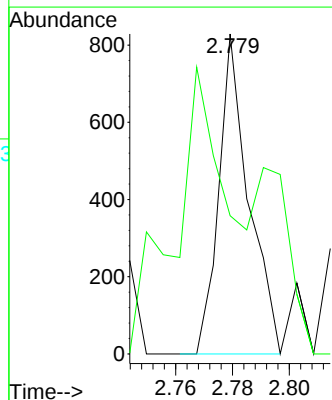
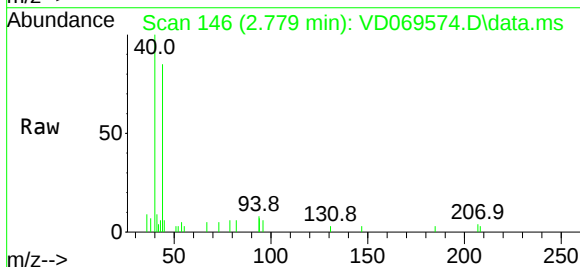
Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0

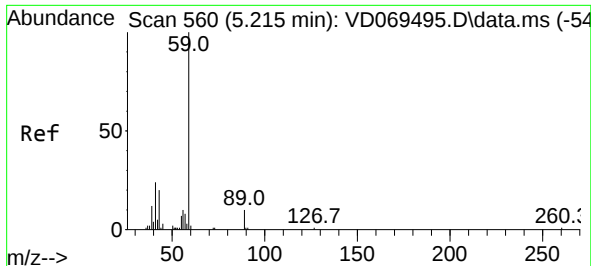
Tgt Ion:168 Resp: 355412
Ion Ratio Lower Upper
168 100
99 62.6 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Tgt Ion: 94 Resp: 603
Ion Ratio Lower Upper
94 100
96 13.0 74.6 111.8#



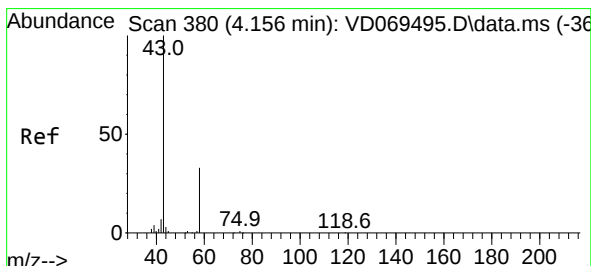
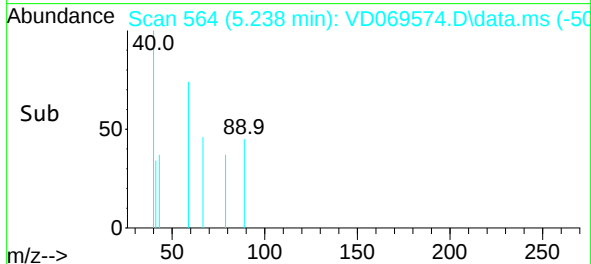
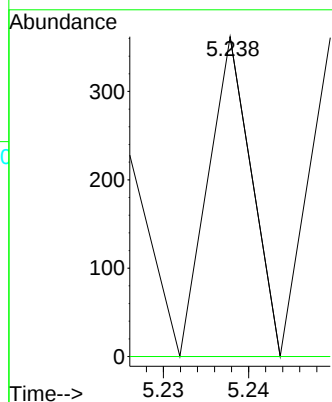
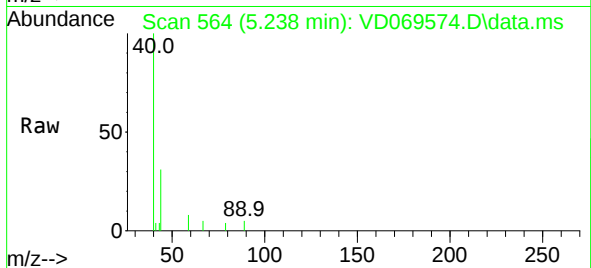


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.023 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0

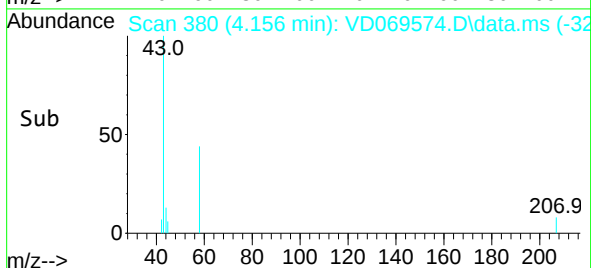
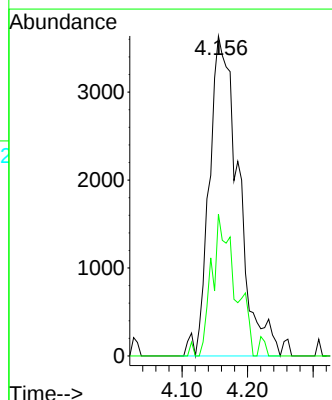
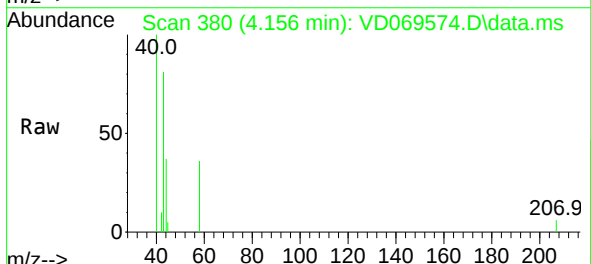
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#

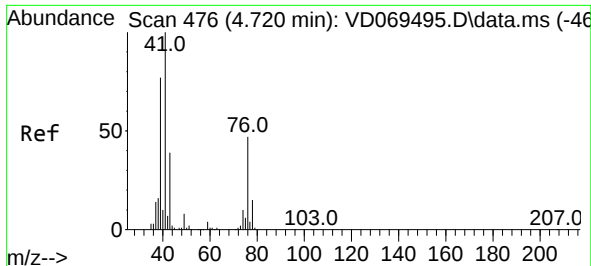


#16

Acetone
Concen: 15.197 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Tgt Ion: 43 Resp: 11332
Ion Ratio Lower Upper
43 100
58 44.4 26.8 40.2#

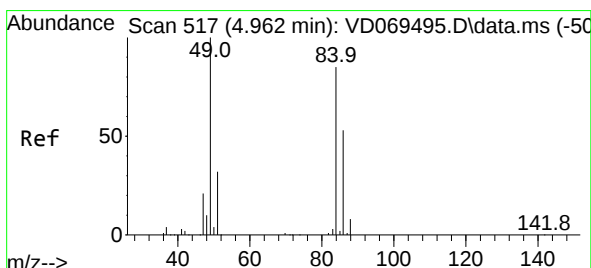
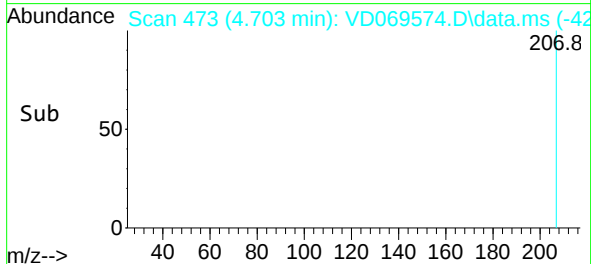
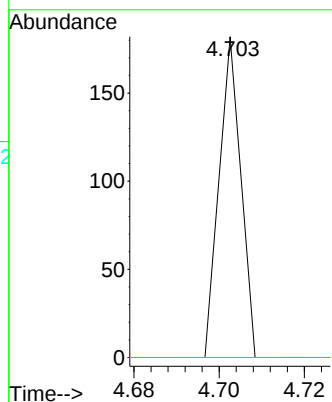
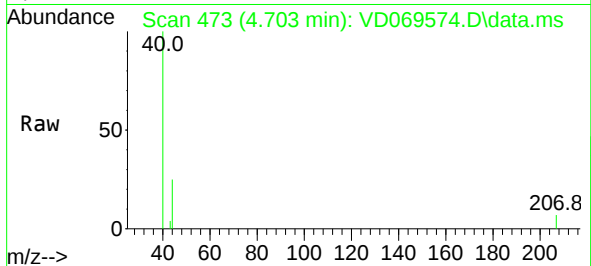




#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.017 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

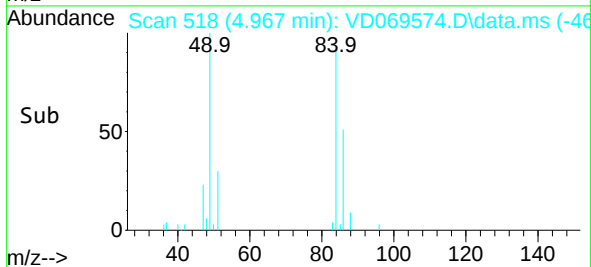
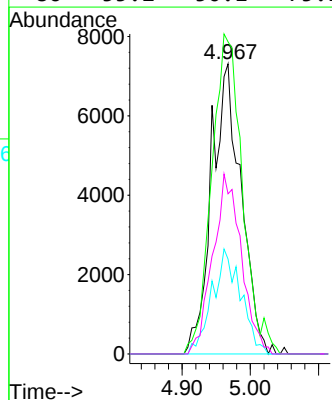
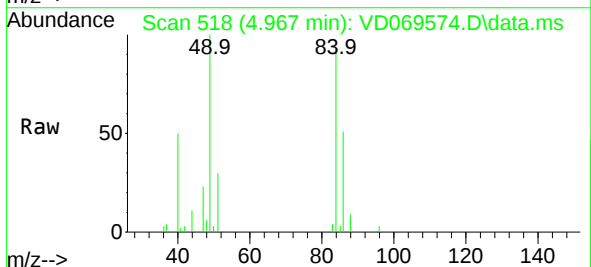
Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0

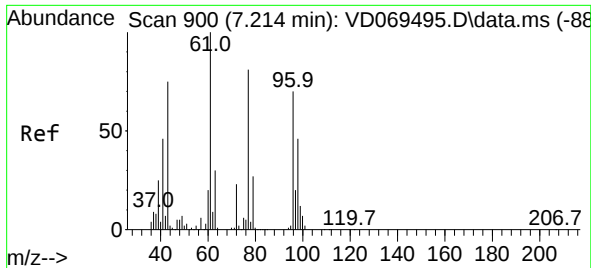
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

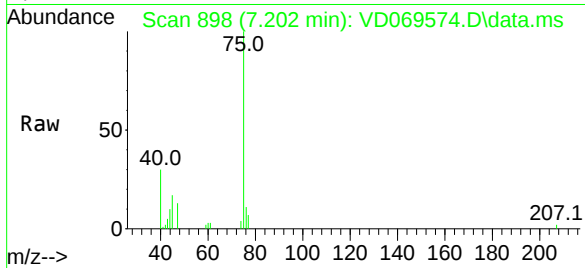
Tgt Ion: 84 Resp: 22111
Ion Ratio Lower Upper
84 100
49 107.6 94.0 141.0
51 32.7 29.7 44.5
86 55.2 50.1 75.1



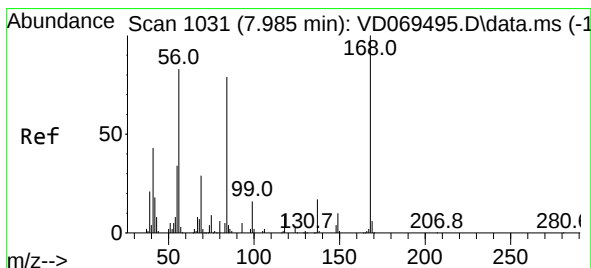
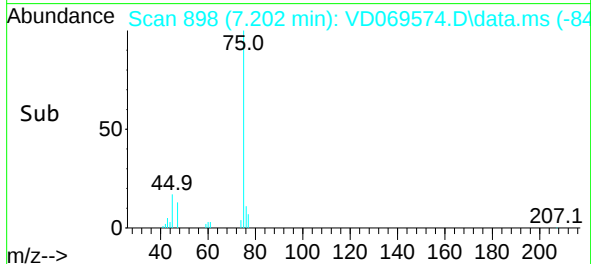
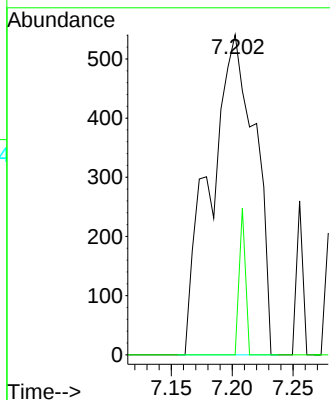


#25
2-Butanone
Concen: 1.472 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

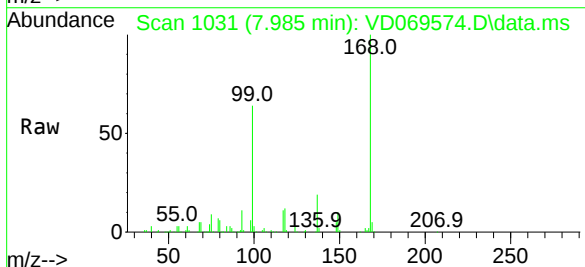
Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0



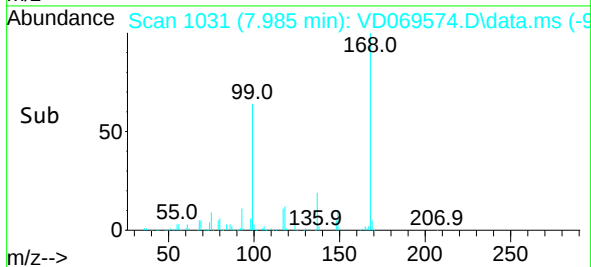
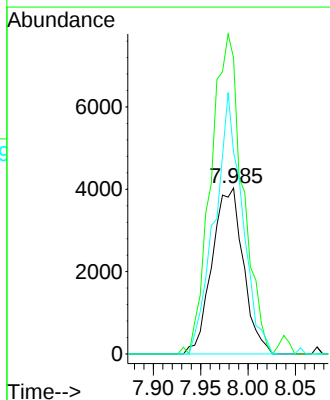
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#

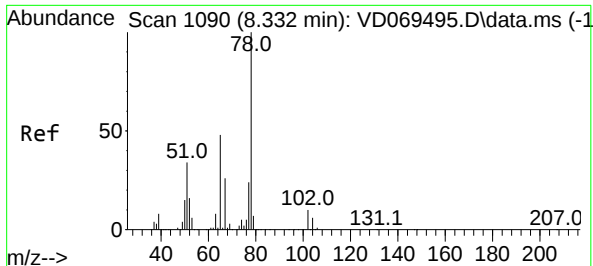


#31
Cyclohexane
Concen: 1.550 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08



Tgt Ion: 56 Resp: 9247
Ion Ratio Lower Upper
56 100
69 178.4 28.0 42.0#
84 121.5 75.7 113.5#

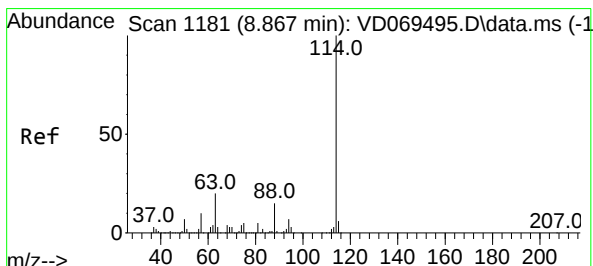
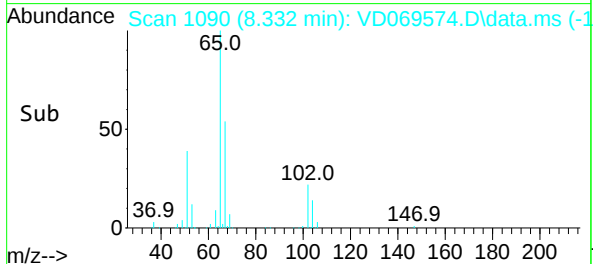
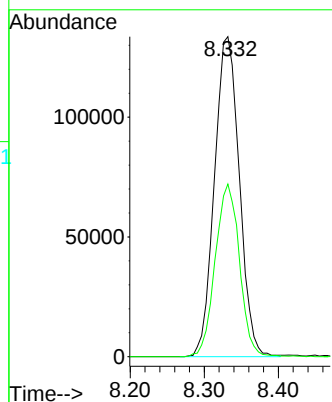
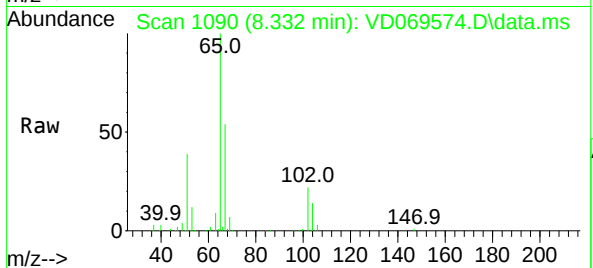




#33
1,2-Dichloroethane-d4
Concen: 70.396 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

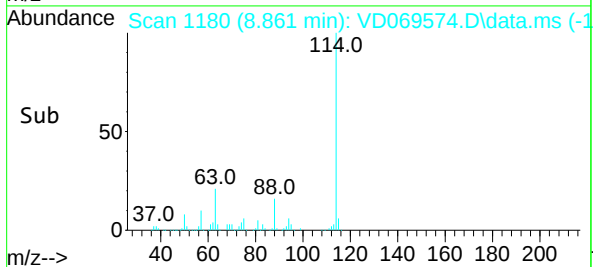
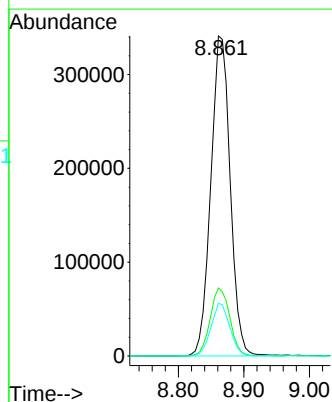
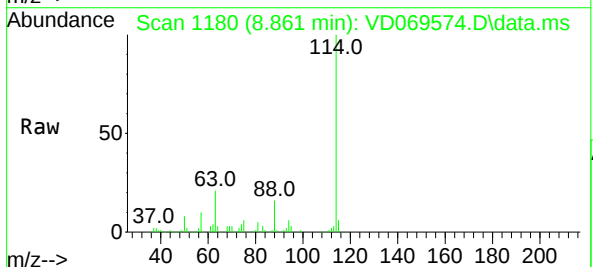
Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0

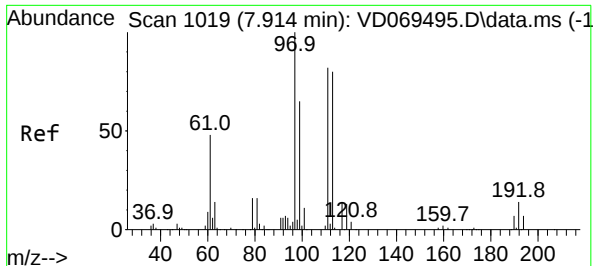
Tgt Ion: 65 Resp: 311866
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Tgt Ion: 114 Resp: 700020
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.6
88 16.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 58.050 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069574.D

Acq: 25 Jun 2021 19:08

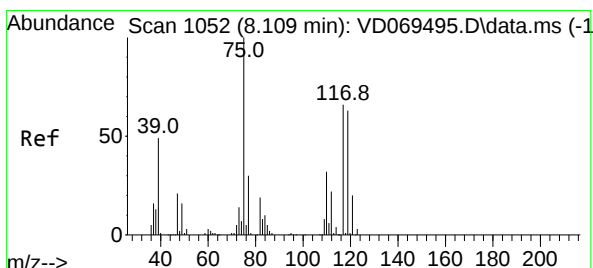
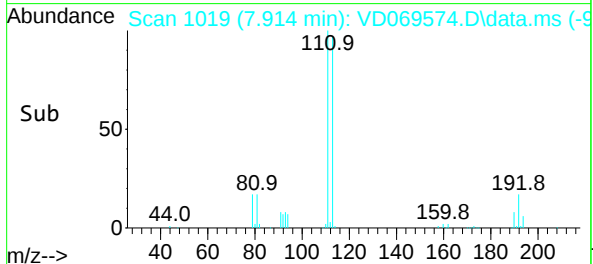
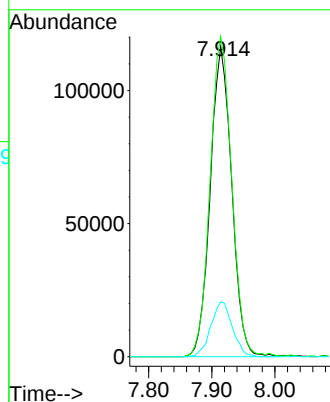
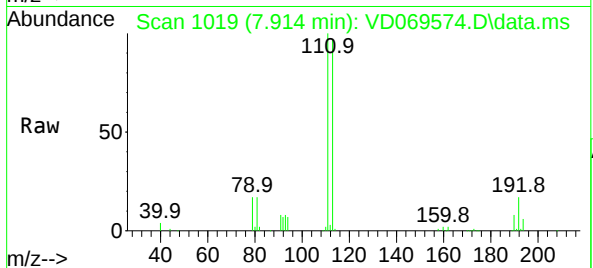
Tgt Ion:113 Resp: 274692

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.8

192 17.7 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.058 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD069574.D

Acq: 25 Jun 2021 19:08

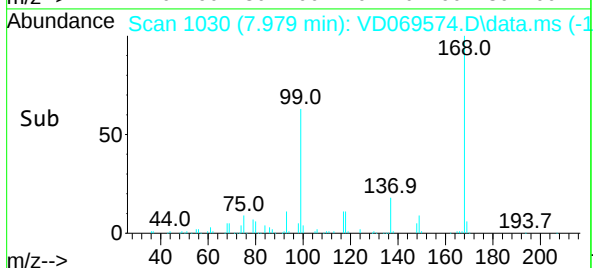
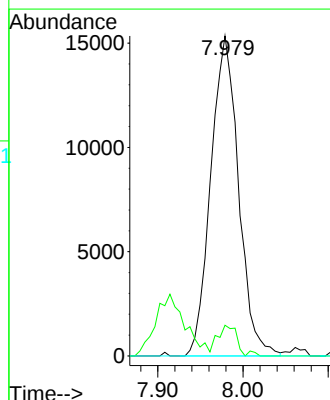
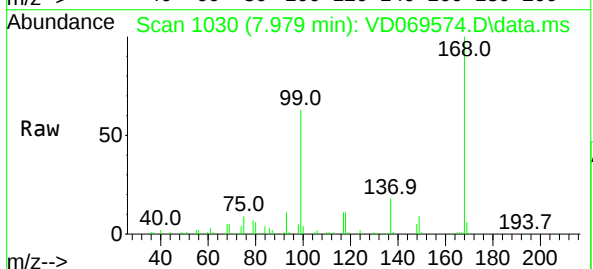
Tgt Ion: 75 Resp: 34748

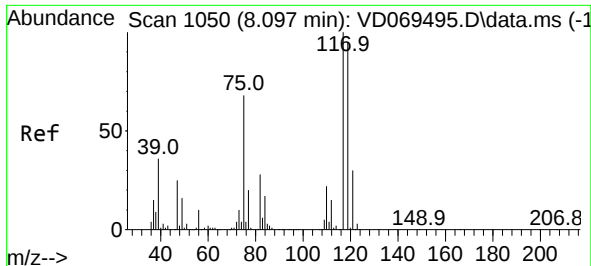
Ion Ratio Lower Upper

75 100

110 6.4 16.8 50.4#

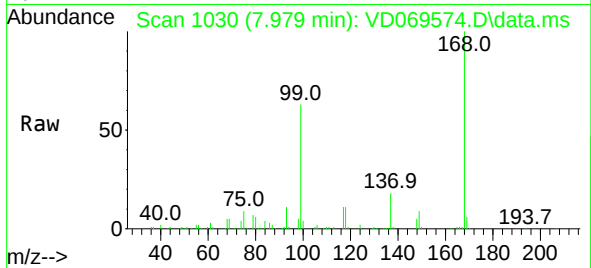
77 0.0 24.3 36.5#



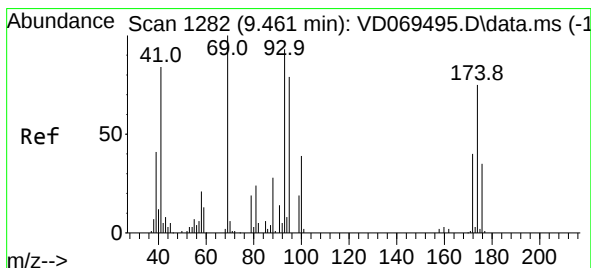
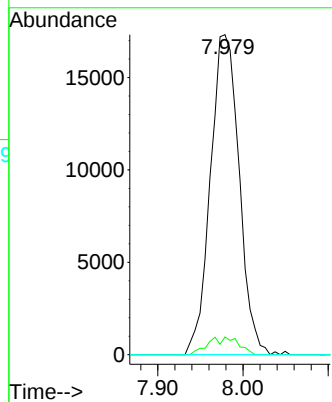
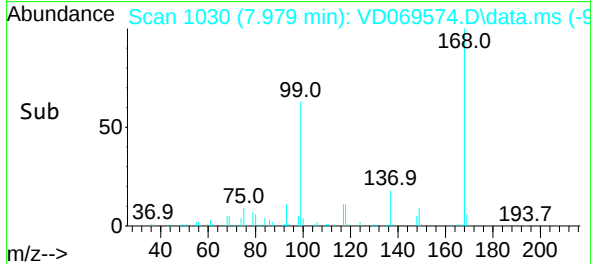


#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

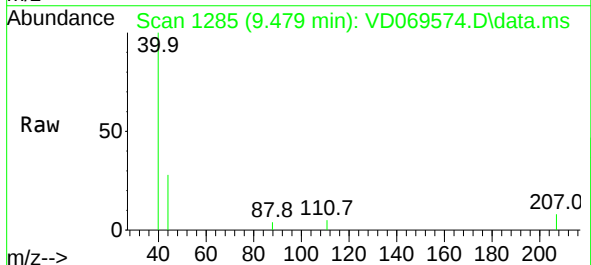
Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0



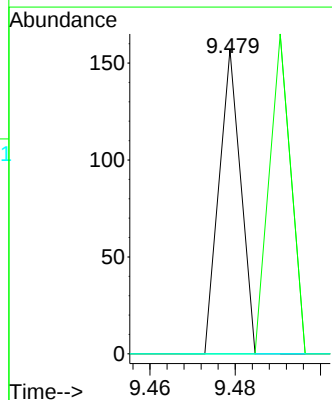
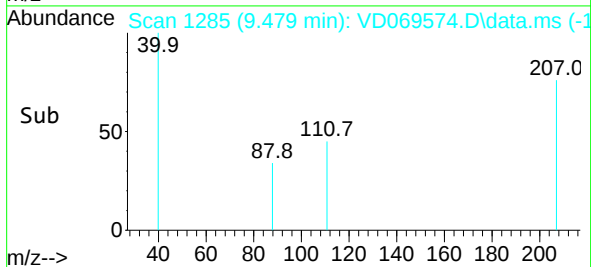
Tgt Ion: 117 Resp: 40615
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 23.8 35.8#

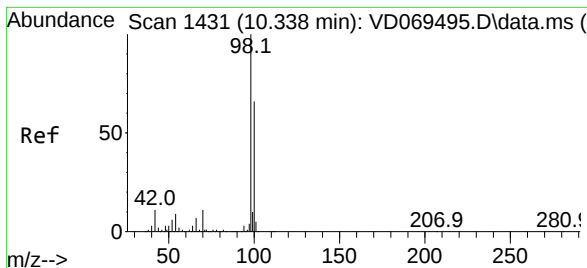


#49
1,4-Dioxane
Concen: 2.097 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.017 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08



Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 105.5 26.5 39.7#
58 0.0 56.0 84.0#

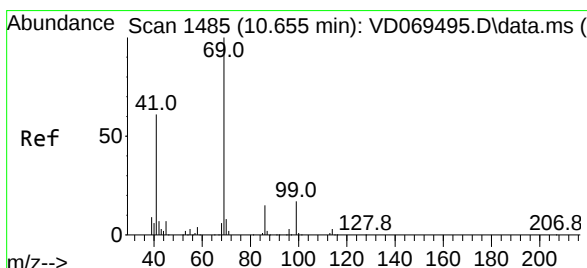
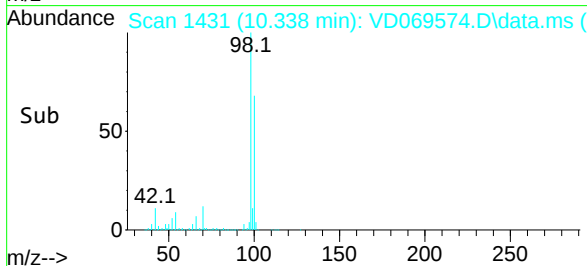
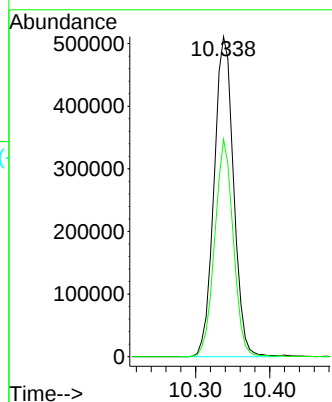
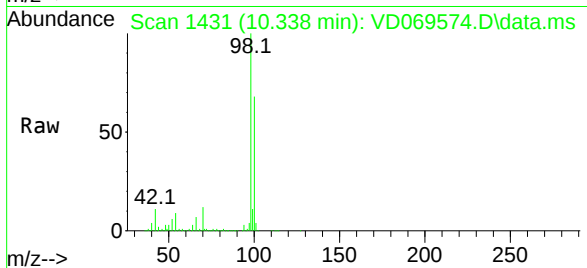




#50
Toluene-d8
Concen: 52.658 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

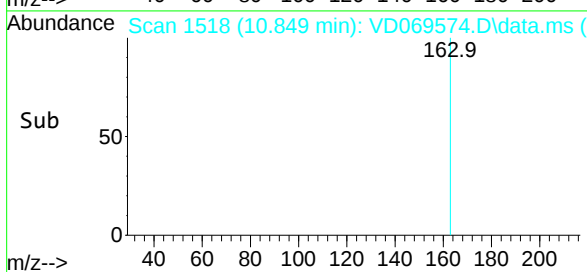
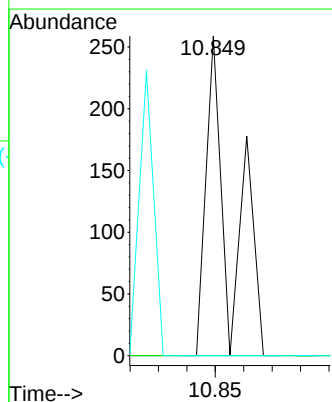
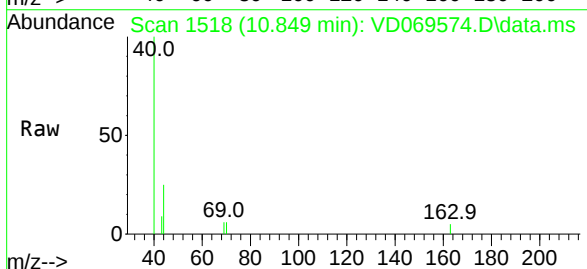
Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0

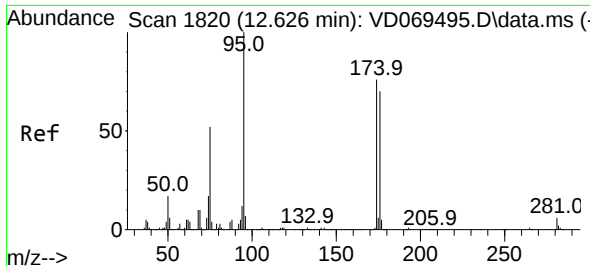
Tgt Ion: 98 Resp: 934654
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#56
Ethyl methacrylate
Concen: 2.614 ug/l
RT: 10.849 min Scan# 1518
Delta R.T. 0.194 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Tgt Ion: 69 Resp: 154
Ion Ratio Lower Upper
69 100
41 0.0 49.4 74.0#
39 0.0 26.9 40.3#

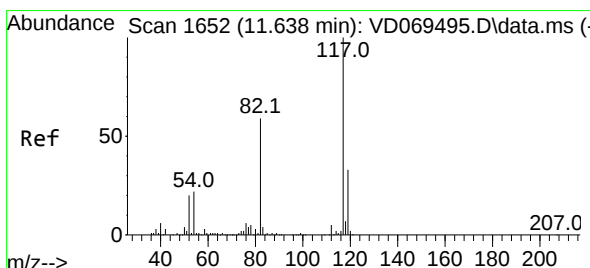
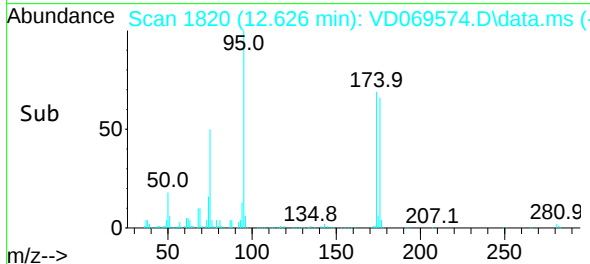
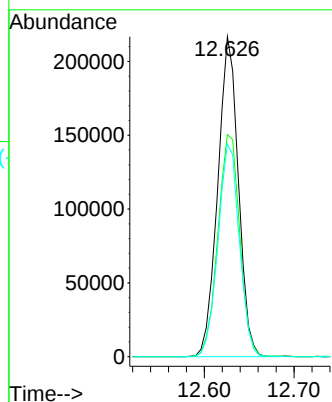
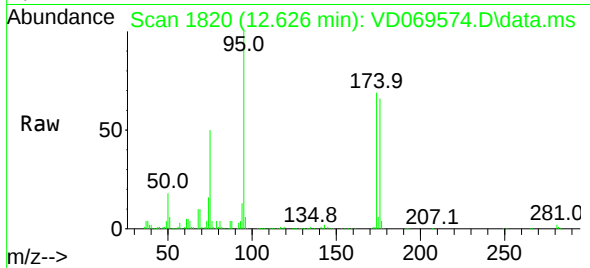




#62
4-Bromofluorobenzene
Concen: 59.240 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

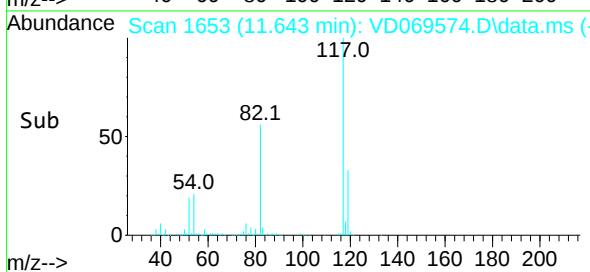
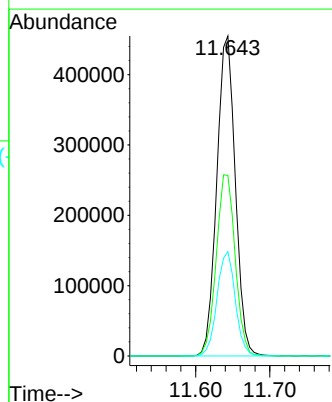
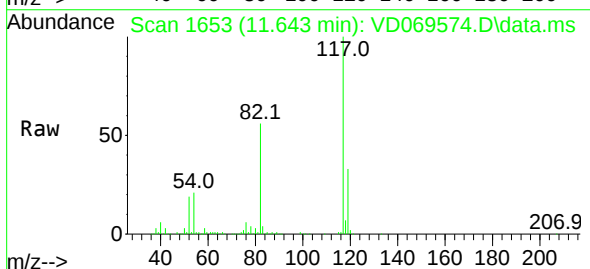
Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0

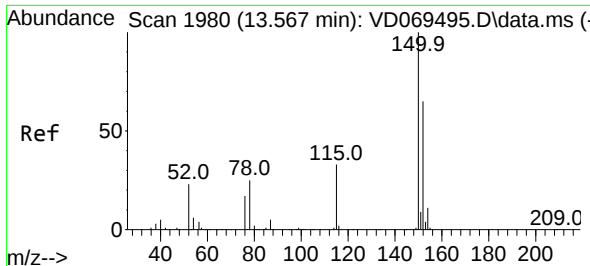
Tgt Ion: 95 Resp: 345681
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 68.9 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Tgt Ion: 117 Resp: 790424
Ion Ratio Lower Upper
117 100
82 56.5 46.8 70.2
119 32.6 26.2 39.2

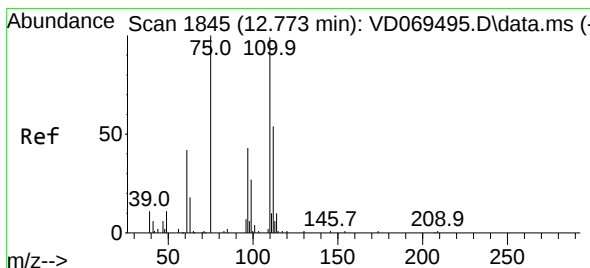
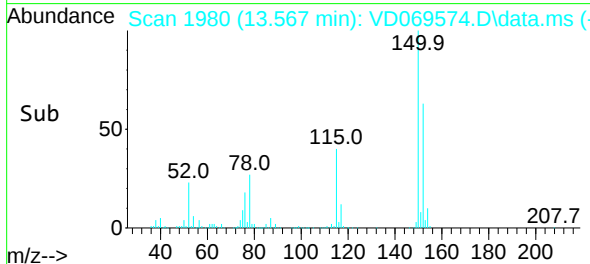
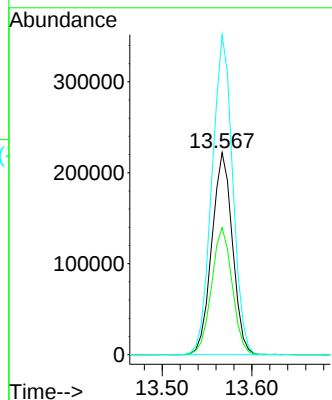
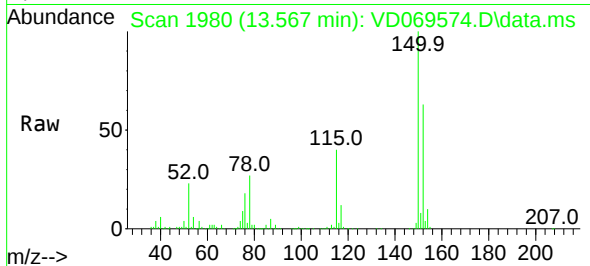




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069574.D
 Acq: 25 Jun 2021 19:08

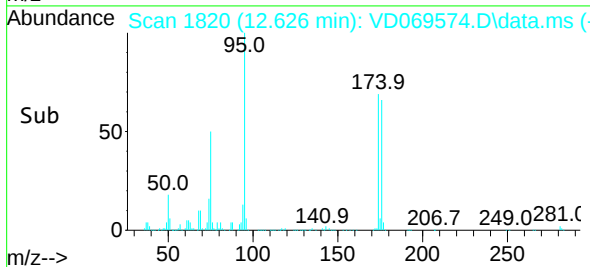
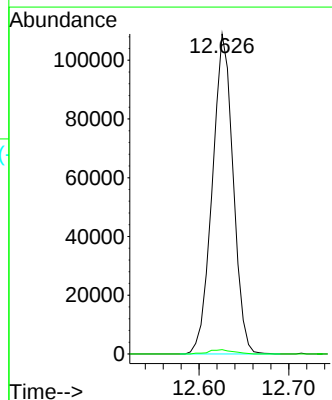
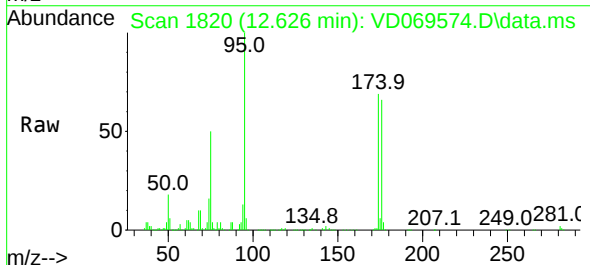
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-14-9.5-10.0

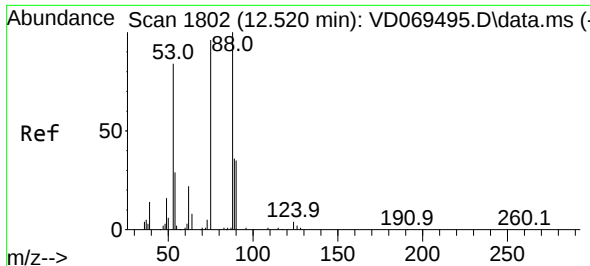
Tgt Ion:152 Resp: 354536
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.7 95.1
 150 159.1 0.0 350.8



#76
 1,2,3-Trichloropropane
 Concen: 50.431 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069574.D
 Acq: 25 Jun 2021 19:08

Tgt Ion: 75 Resp: 175510
 Ion Ratio Lower Upper
 75 100
 77 1.6 162.6 487.8#

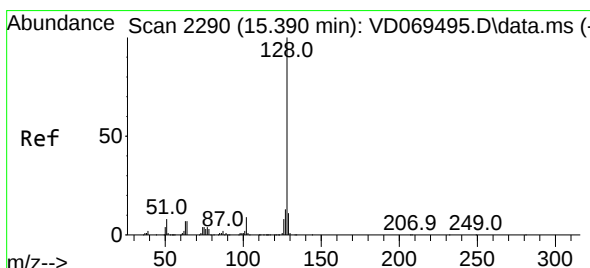
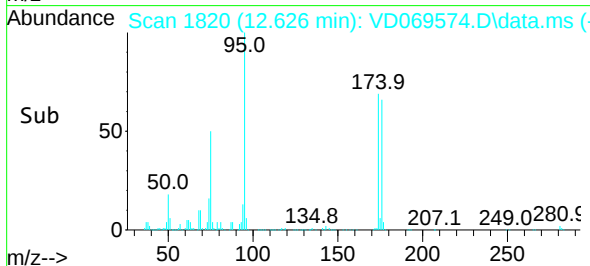
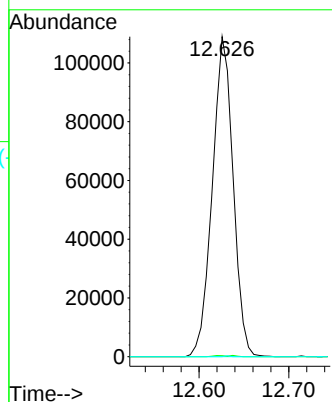
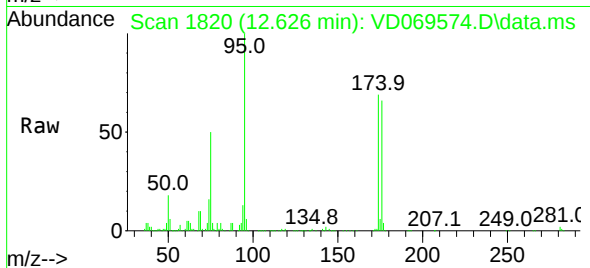




#81
trans-1,4-Dichloro-2-butene
Concen: 125.918 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Instrument :
MSVOA_D
ClientSampleId :
SB-14-9.5-10.0

Tgt Ion: 75 Resp: 175510
Ion Ratio Lower Upper
75 100
53 0.3 74.6 112.0#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 3.378 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069574.D
Acq: 25 Jun 2021 19:08

Tgt Ion:128 Resp: 280
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

