

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067296.D
 Acq On : 11 Jun 2021 18:20
 Operator : JC/MD
 Sample : M2672-19
 Misc : 13.71g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 17-B6(80-84)

Quant Time: Jun 12 04:30:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	366037	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	662413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	634312	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	384137	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	322617	46.631	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.260%
35) Dibromofluoromethane	8.018	113	209343	49.594	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.180%
50) Toluene-d8	10.440	98	852983	51.421	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.733	95	368299	53.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.700%

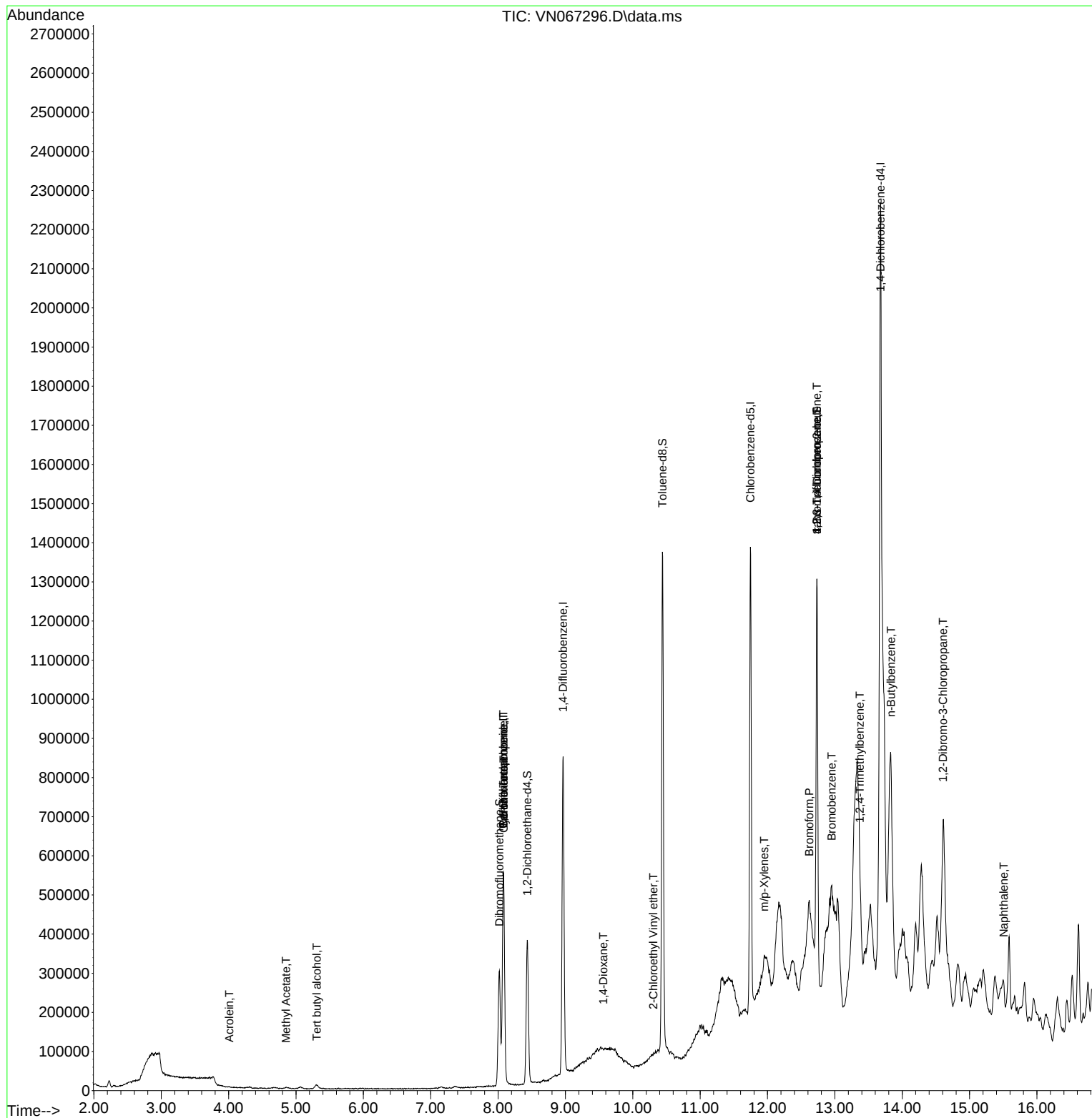
Target Compounds						Qvalue
11) Tert butyl alcohol	5.307	59	11181	9.496	ug/l	# 90
13) Acrolein	4.009	56	199	0.421	ug/l	94
18) Methyl Acetate	4.851	43	3257	0.419	ug/l	# 71
31) Cyclohexane	8.083	56	12377	1.454	ug/l	# 36
36) 1,1-Dichloropropene	8.080	75	39045	5.565	ug/l	# 44
38) Carbon Tetrachloride	8.078	117	46596	6.369	ug/l	# 15
49) 1,4-Dioxane	9.561	88	153	1.867	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.306	63	301	28.204	ug/l	100
68) m/p-Xylenes	11.953	106	1934	0.203	ug/l	# 1
71) Bromoform	12.621	173	1394	0.366	ug/l	# 83
76) 1,2,3-Trichloropropane	12.733	75	212327	20.807	ug/l	# 100
77) Bromobenzene	12.953	156	209953	29.182	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.733	75	212327	53.226	ug/l	# 15
84) 1,2,4-Trimethylbenzene	13.372	105	6593	0.218	ug/l	69
89) n-Butylbenzene	13.833	91	8034	0.291	ug/l	# 33
92) 1,2-Dibromo-3-Chloropr...	14.605	75	4219	1.624	ug/l	# 1
95) Naphthalene	15.507	128	60467	7.239	ug/l	98

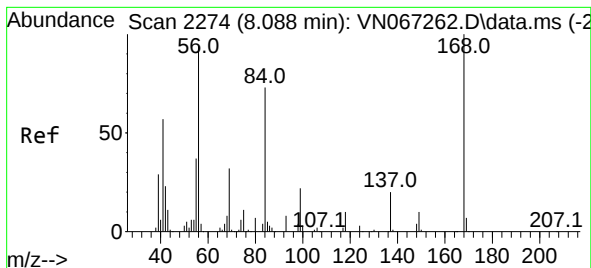
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.008 min

Lab File: VN067296.D

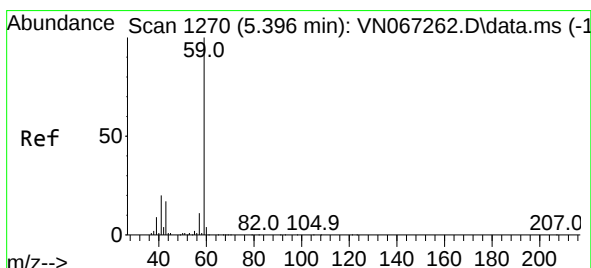
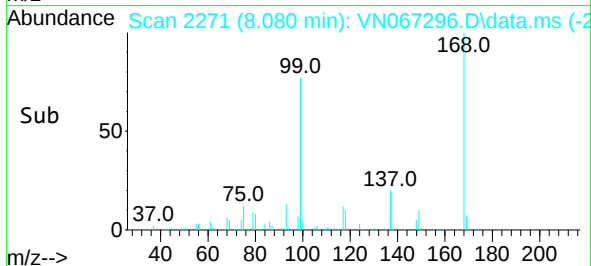
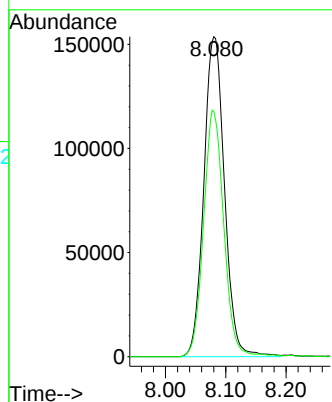
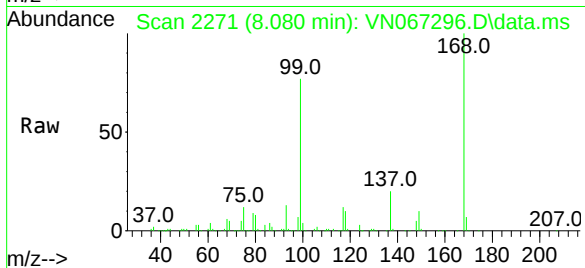
Acq: 11 Jun 2021 18:20

Tgt Ion:168 Resp: 366037

Ion Ratio Lower Upper

168 100

99 76.6 38.5 57.7#



#11

Tert butyl alcohol

Concen: 9.496 ug/l

RT: 5.307 min Scan# 1237

Delta R.T. -0.089 min

Lab File: VN067296.D

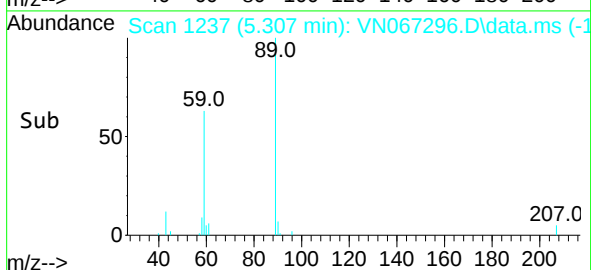
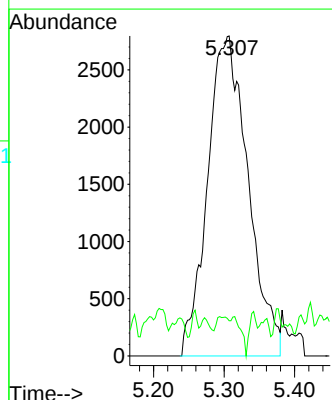
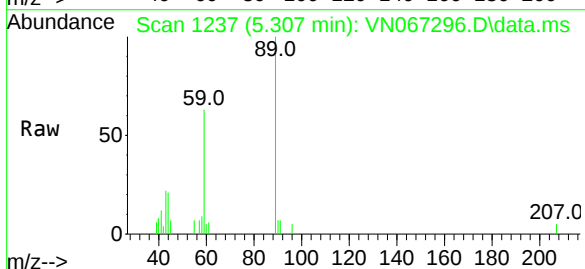
Acq: 11 Jun 2021 18:20

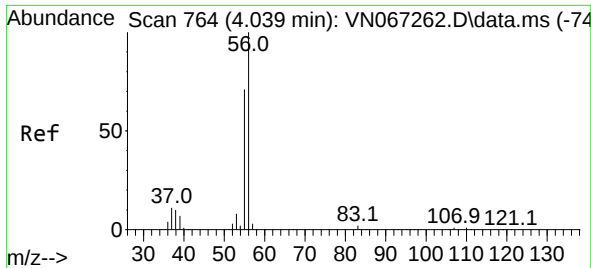
Tgt Ion: 59 Resp: 11181

Ion Ratio Lower Upper

59 100

57 1.2 3.5 5.3#

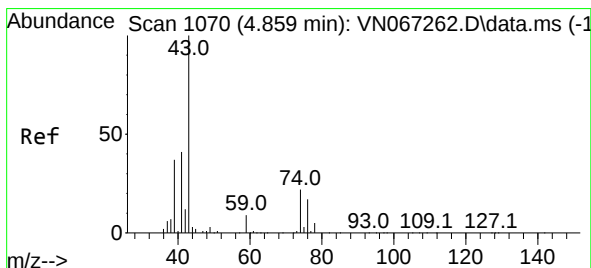
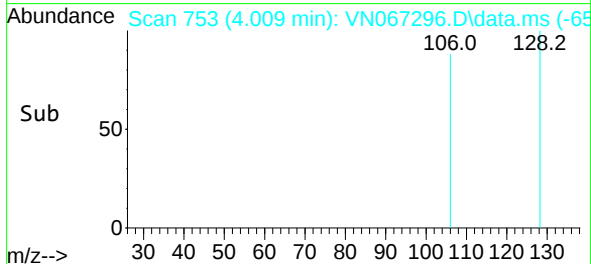
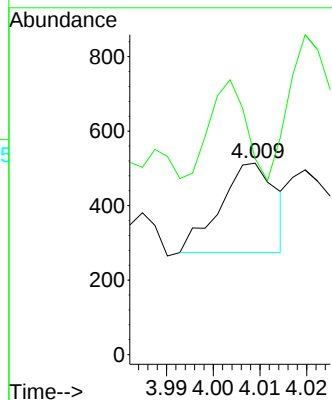
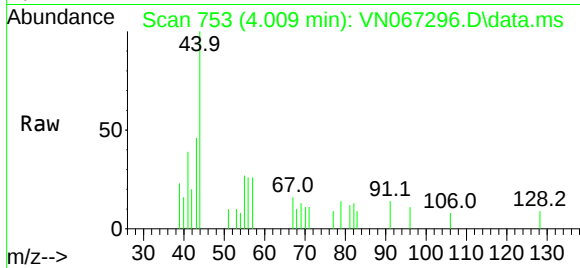




#13
Acrolein
Concen: 0.421 ug/l
RT: 4.009 min Scan# 753
Delta R.T. -0.030 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

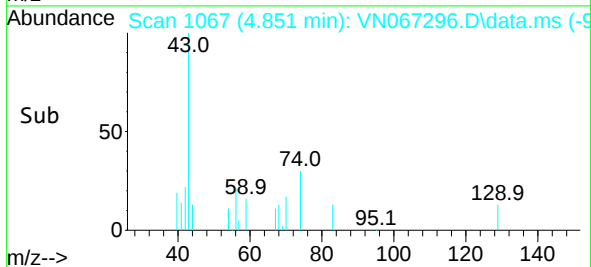
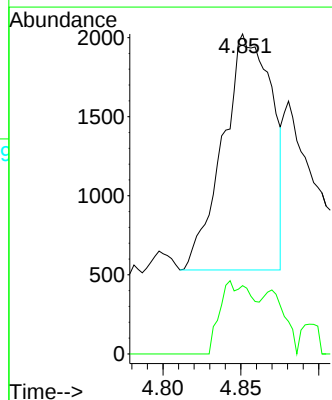
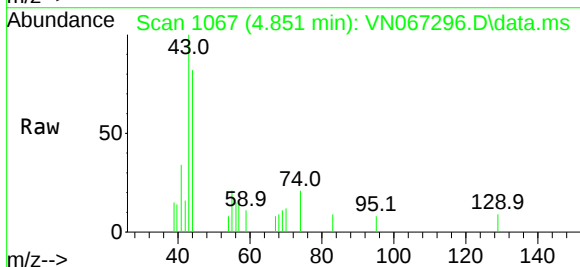
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17-B6(80-84)

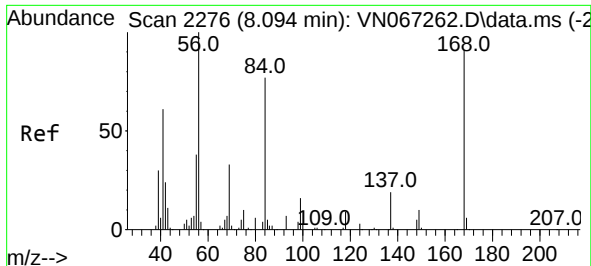
Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 72.4 53.8 80.6



#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.008 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

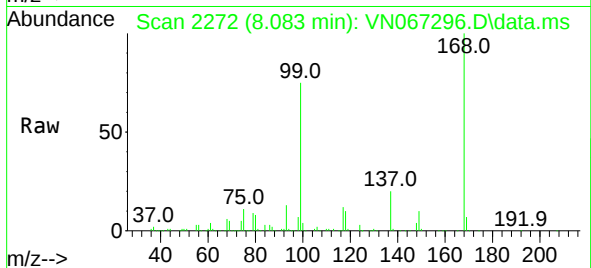
Tgt Ion: 43 Resp: 3257
Ion Ratio Lower Upper
43 100
74 11.9 21.4 32.2#



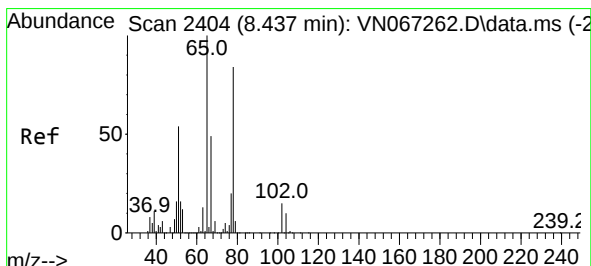
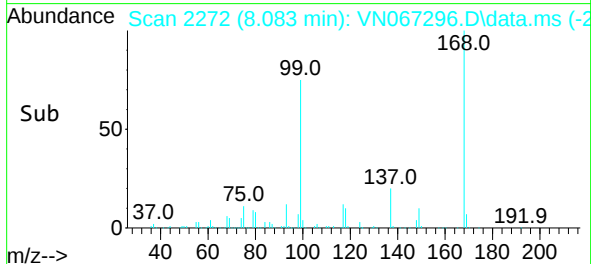
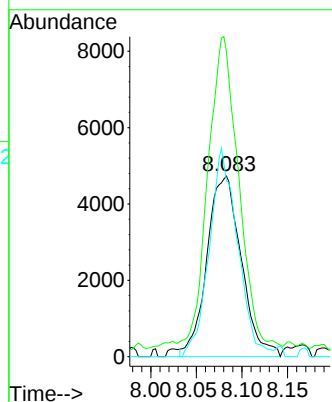


#31
Cyclohexane
Concen: 1.454 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Instrument :
MSVOA_N
ClientSampleId :
17-B6(80-84)

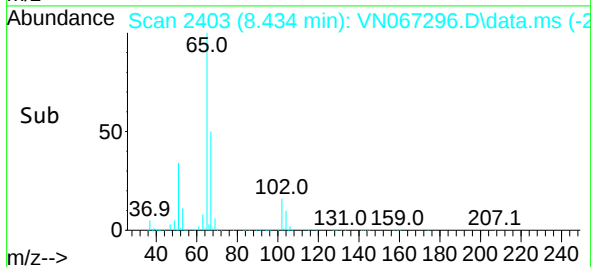
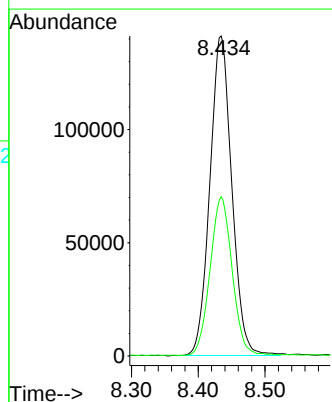
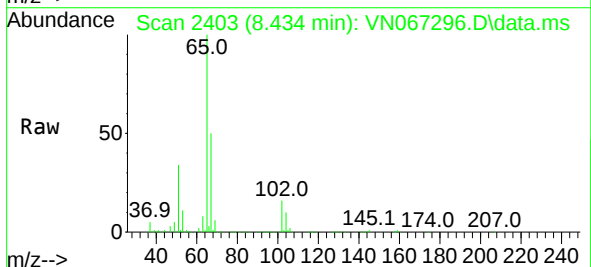


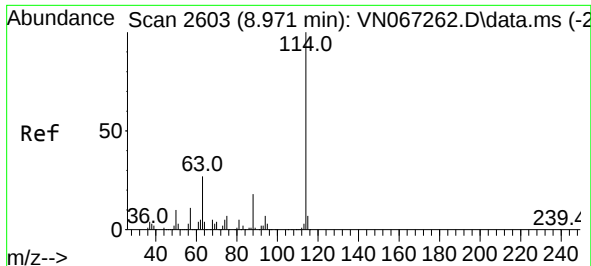
Tgt Ion: 56 Resp: 12377
Ion Ratio Lower Upper
56 100
69 162.4 28.0 42.0#
84 97.3 74.2 111.2



#33
1,2-Dichloroethane-d4
Concen: 46.631 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion: 65 Resp: 322617
Ion Ratio Lower Upper
65 100
67 49.8 0.0 110.4

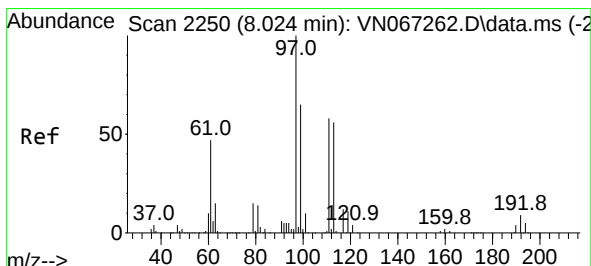
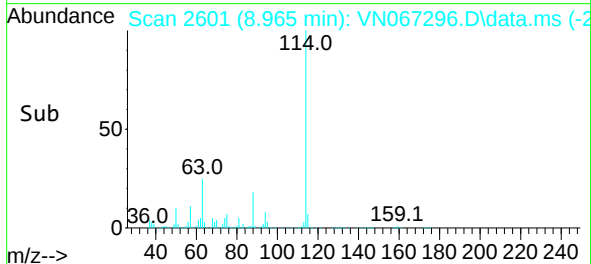
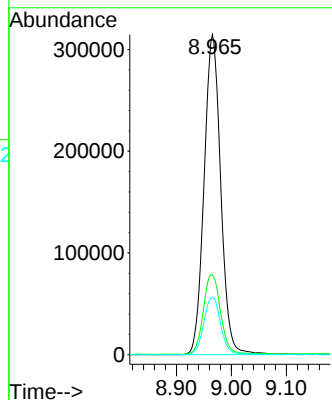
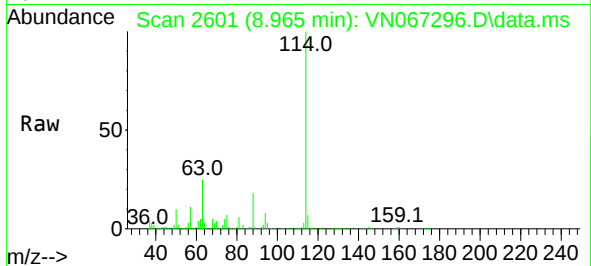




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.006 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

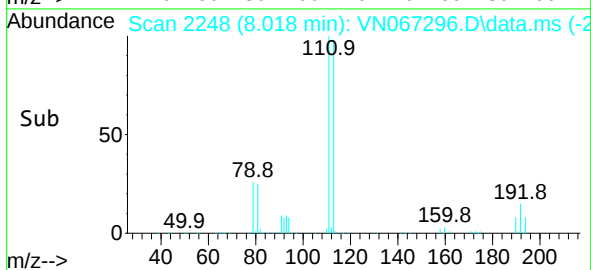
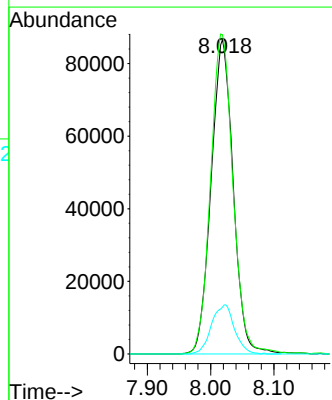
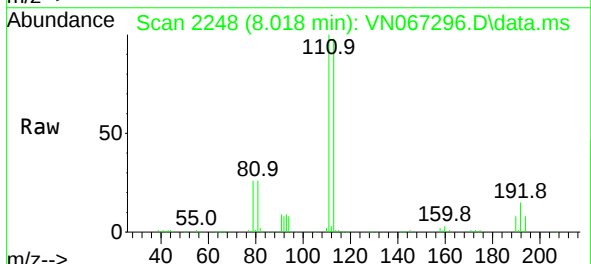
Instrument :
MSVOA_N
ClientSampleId :
17-B6(80-84)

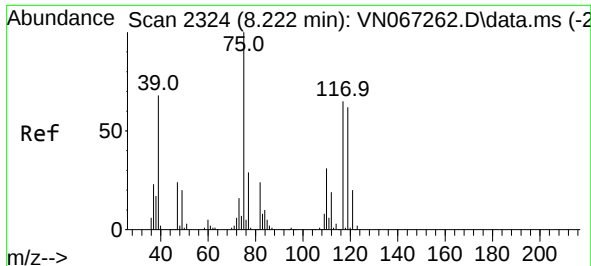
Tgt Ion:114 Resp: 662413
Ion Ratio Lower Upper
114 100
63 24.8 0.0 35.8
88 17.9 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.594 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

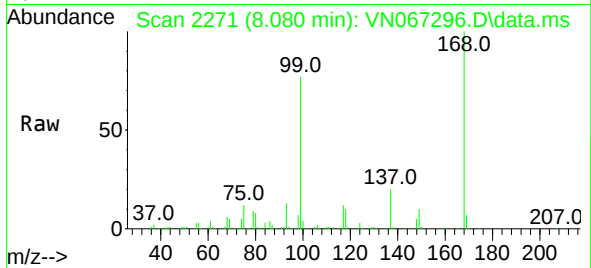
Tgt Ion:113 Resp: 209343
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 16.2 18.2 27.4#



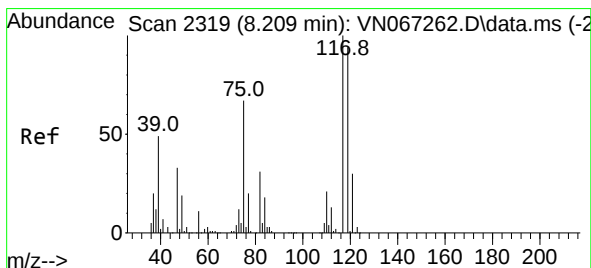
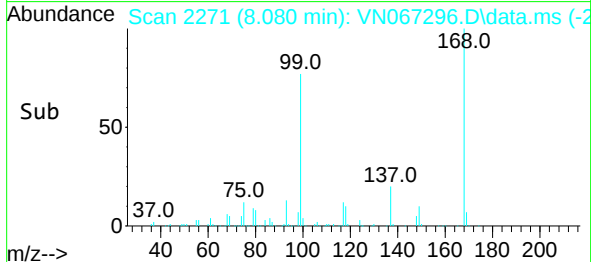
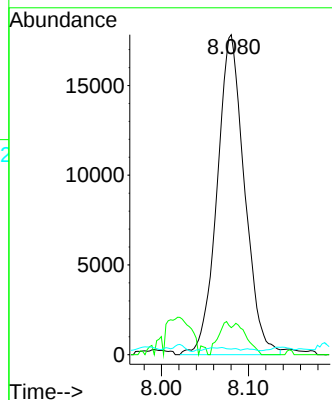


#36
1,1-Dichloropropene
Concen: 5.565 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Instrument :
MSVOA_N
ClientSampled :
17-B6(80-84)

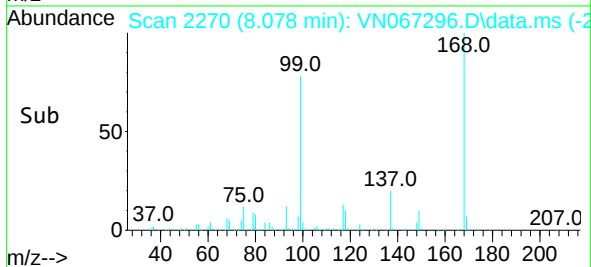
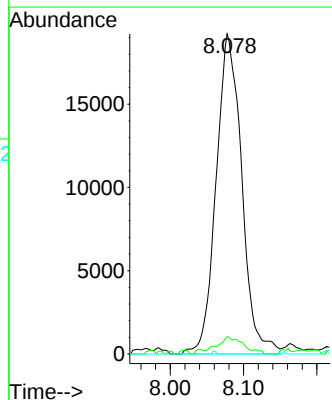
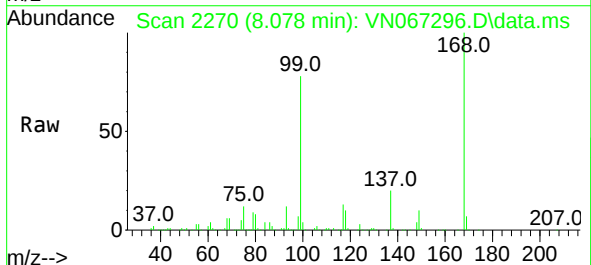


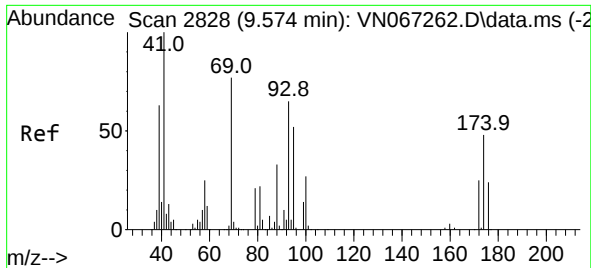
Tgt Ion: 75 Resp: 39045
Ion Ratio Lower Upper
75 100
110 4.8 19.1 57.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.132 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion: 117 Resp: 46596
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.7 37.1#

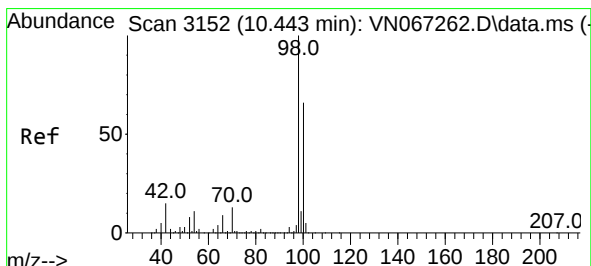
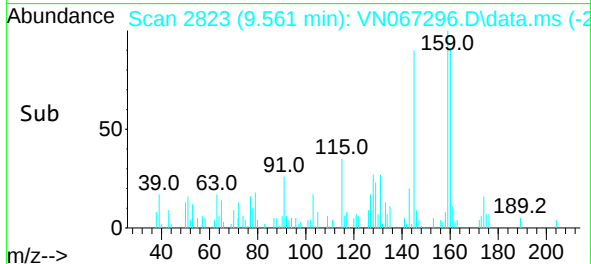
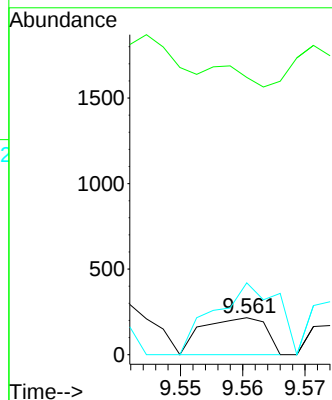
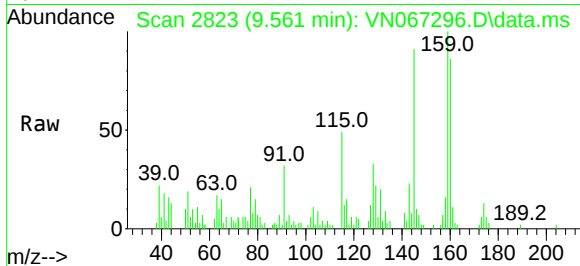




#49
1,4-Dioxane
Concen: 1.867 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.014 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

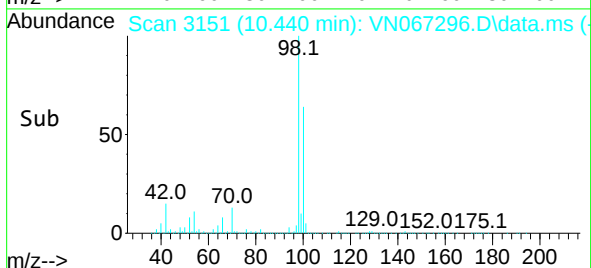
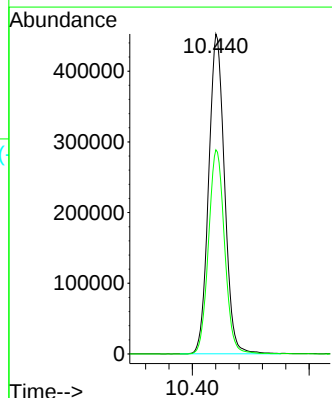
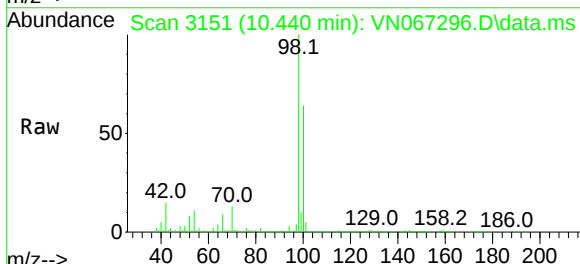
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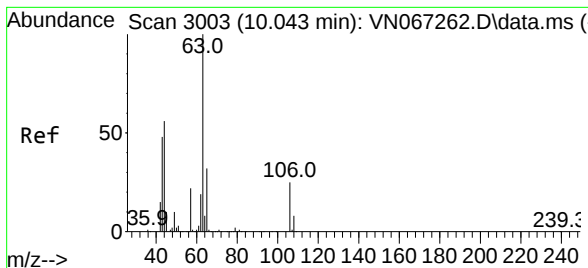
Tgt Ion: 88 Resp: 153
Ion Ratio Lower Upper
88 100
43 0.0 21.8 32.8#
58 194.1 50.8 76.2#



#50
Toluene-d8
Concen: 51.421 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion: 98 Resp: 852983
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8

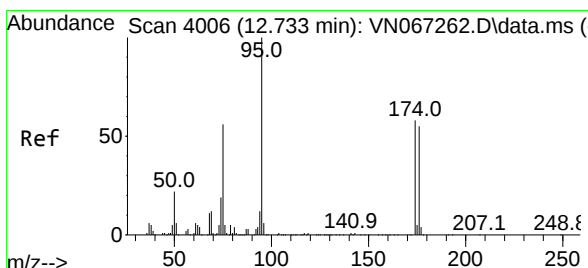
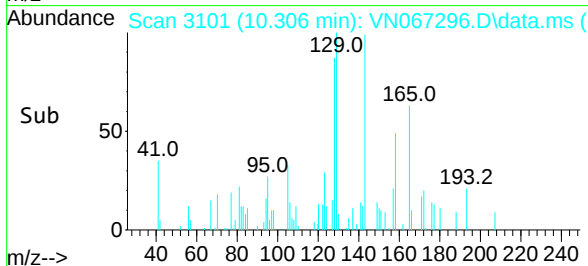
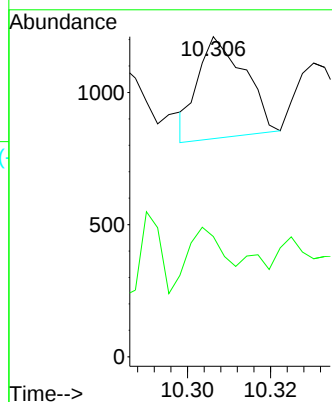
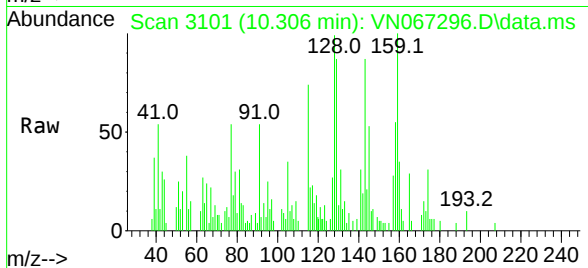




#58
2-Chloroethyl Vinyl ether
Concen: 28.204 ug/l
RT: 10.306 min Scan# 3101
Delta R.T. 0.263 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

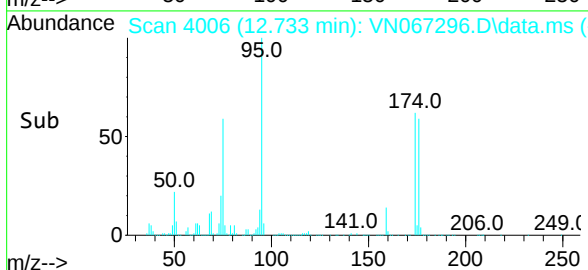
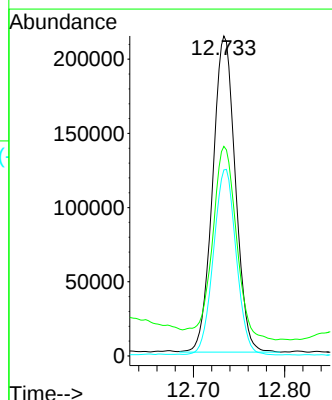
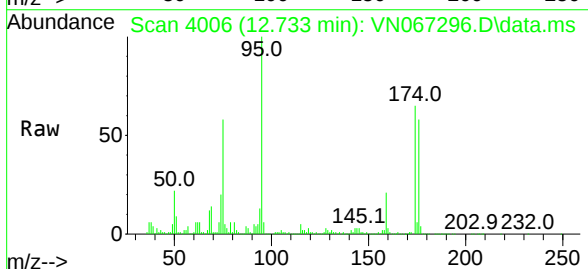
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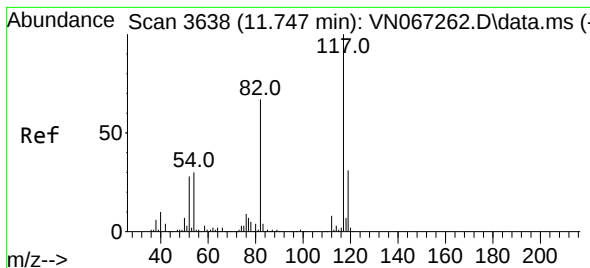
Tgt Ion: 63 Resp: 301
Ion Ratio Lower Upper
63 100
106 29.9 23.9 35.9



#62
4-Bromofluorobenzene
Concen: 53.353 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion: 95 Resp: 368299
Ion Ratio Lower Upper
95 100
174 63.8 0.0 182.8
176 58.8 0.0 176.6

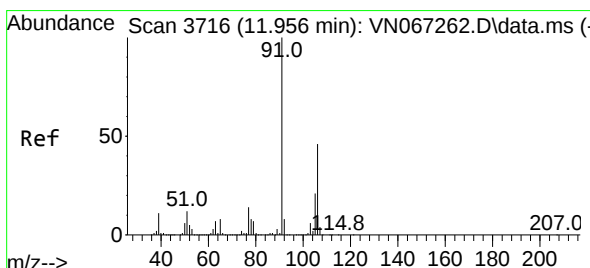
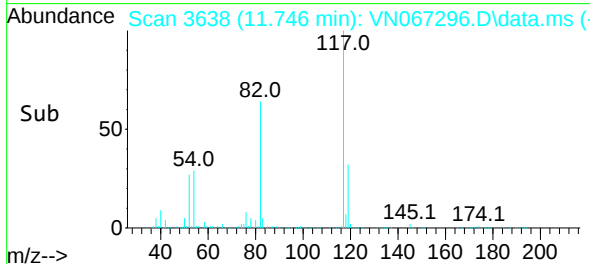
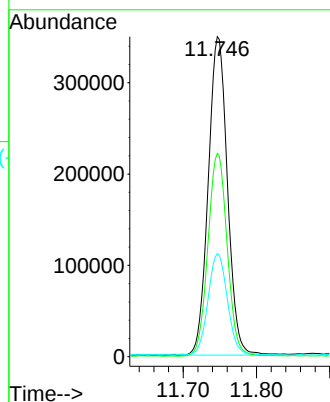
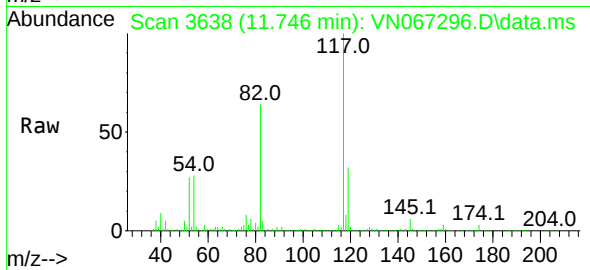




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

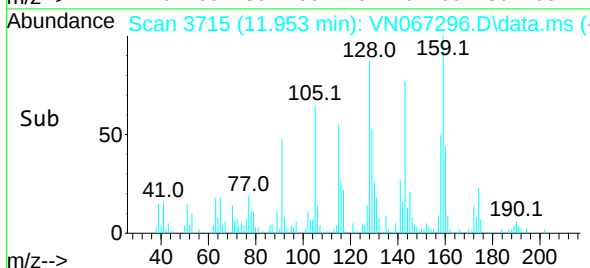
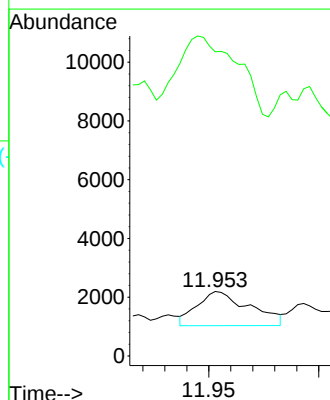
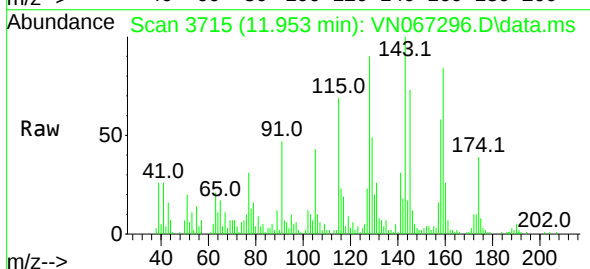
Instrument :
MSVOA_N
ClientSampleId :
17-B6(80-84)

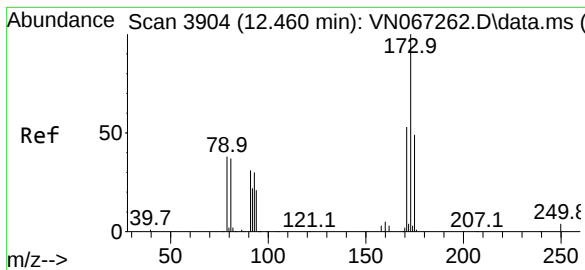
Tgt Ion:117 Resp: 634312
Ion Ratio Lower Upper
117 100
82 63.7 42.2 63.2#
119 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion:106 Resp: 1934
Ion Ratio Lower Upper
106 100
91 0.0 155.2 232.8#

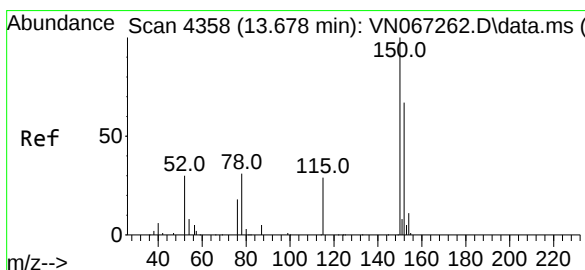
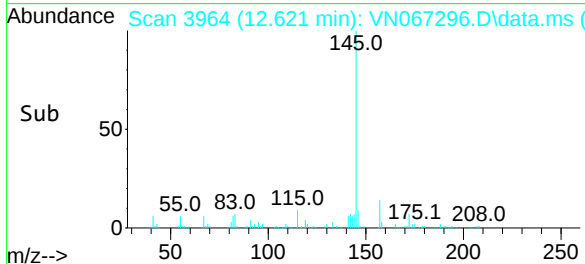
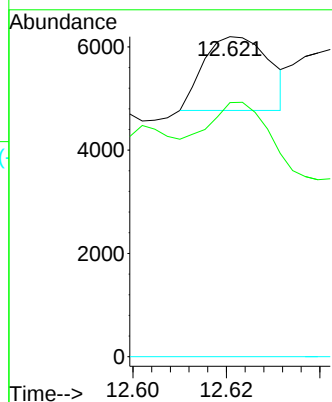
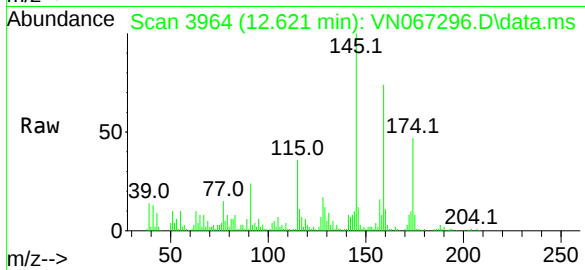




#71
Bromoform
Concen: 0.366 ug/l
RT: 12.621 min Scan# 3964
Delta R.T. 0.161 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

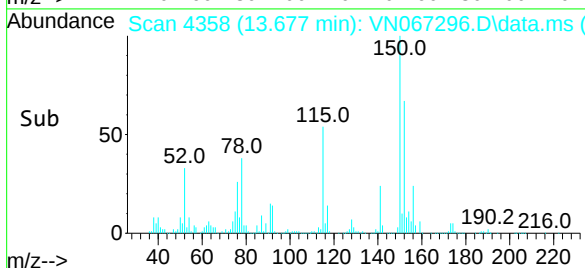
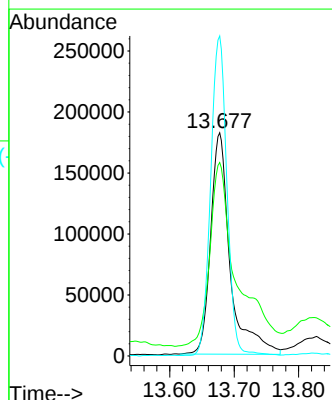
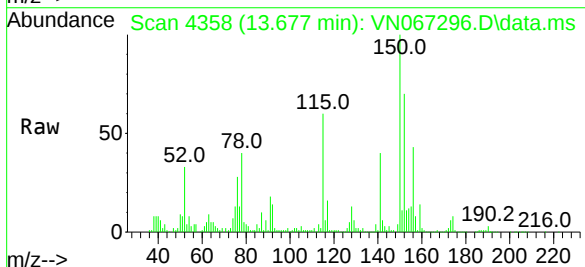
Instrument :
MSVOA_N
ClientSampleId :
17-B6(80-84)

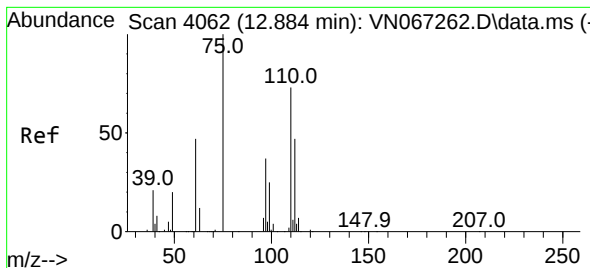
Tgt Ion:173 Resp: 1394
Ion Ratio Lower Upper
173 100
175 60.2 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion:152 Resp: 384137
Ion Ratio Lower Upper
152 100
115 112.8 27.0 80.8#
150 119.6 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 20.807 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. -0.150 min

Lab File: VN067296.D

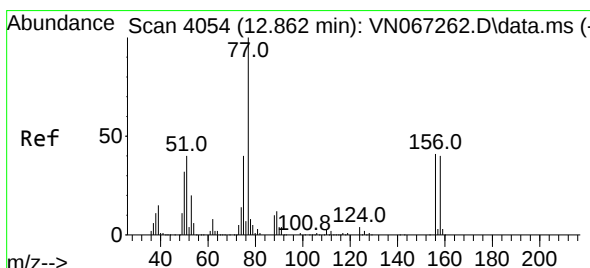
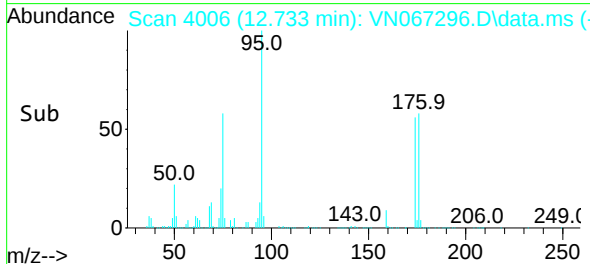
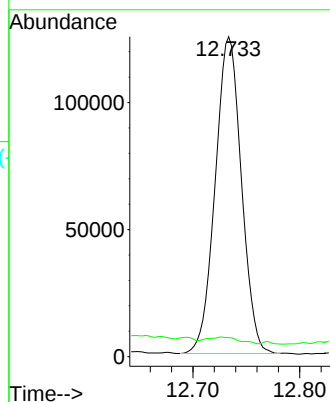
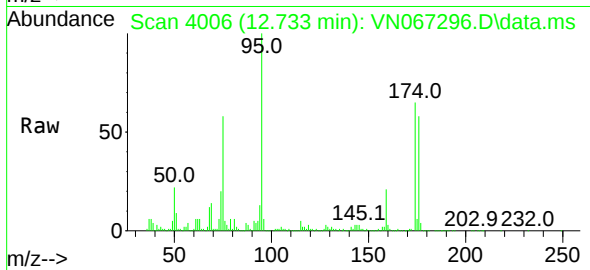
Acq: 11 Jun 2021 18:20

Tgt Ion: 75 Resp: 212327

Ion Ratio Lower Upper

75 100

77 2.4 0.0 0.0#



#77

Bromobenzene

Concen: 29.182 ug/l

RT: 12.953 min Scan# 4088

Delta R.T. 0.091 min

Lab File: VN067296.D

Acq: 11 Jun 2021 18:20

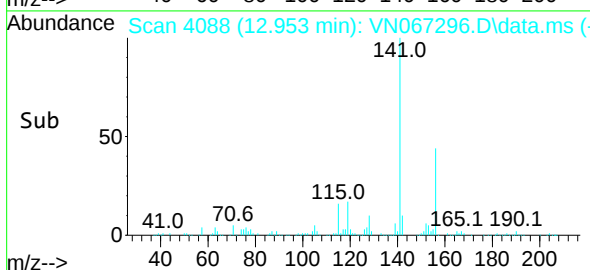
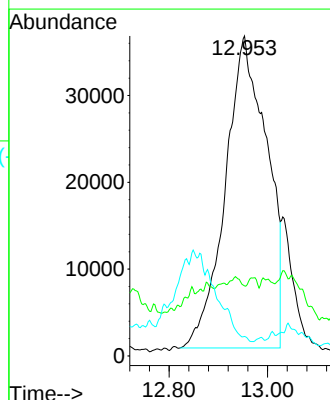
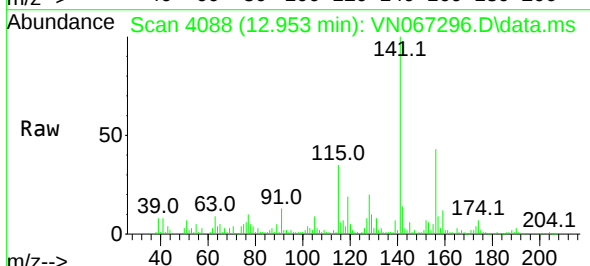
Tgt Ion: 156 Resp: 209953

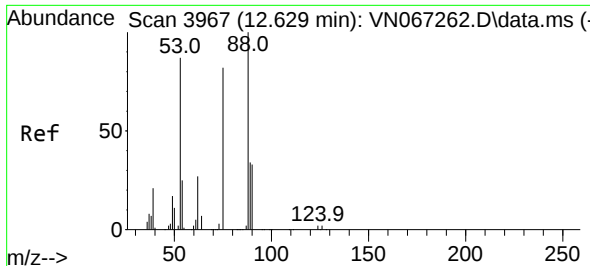
Ion Ratio Lower Upper

156 100

77 0.0 87.9 263.8#

158 0.0 49.0 147.2#

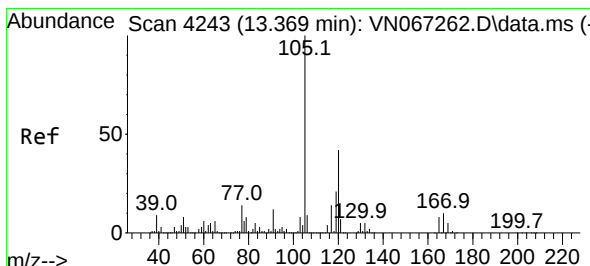
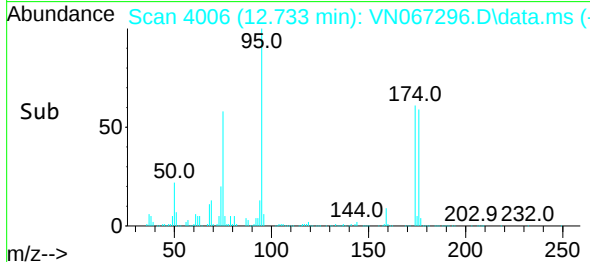
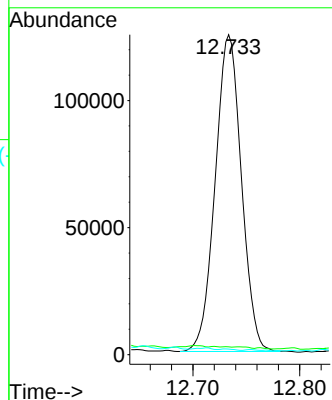
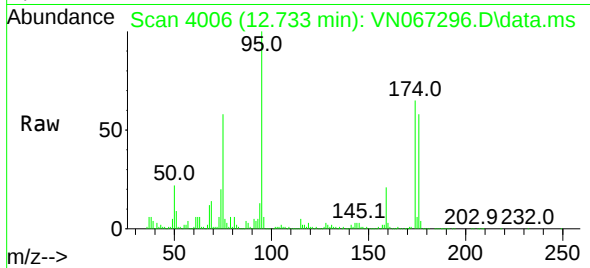




#81
trans-1,4-Dichloro-2-butene
Concen: 53.226 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

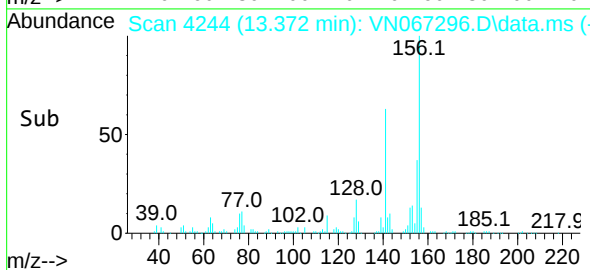
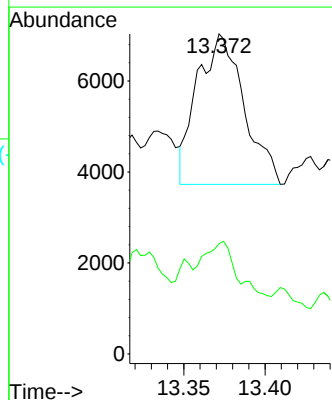
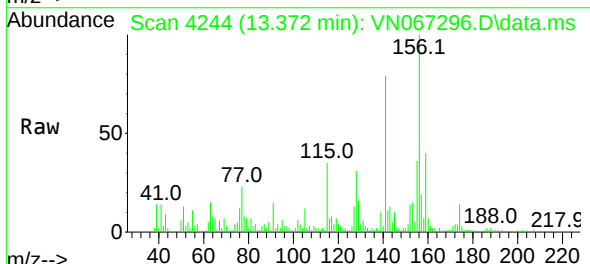
Instrument :
MSVOA_N
ClientSampleId :
17-B6(80-84)

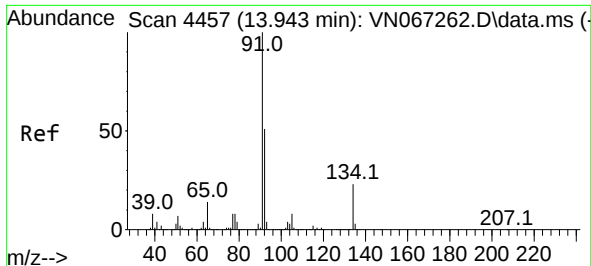
Tgt Ion: 75 Resp: 212327
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.2 39.5 59.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.218 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion: 105 Resp: 6593
Ion Ratio Lower Upper
105 100
120 26.5 23.8 71.2

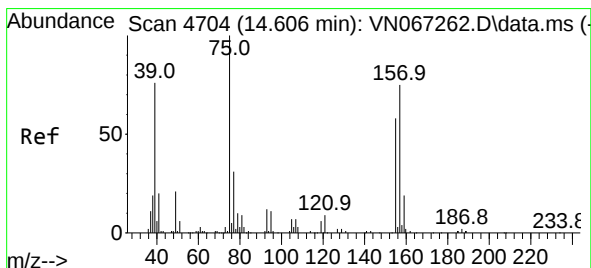
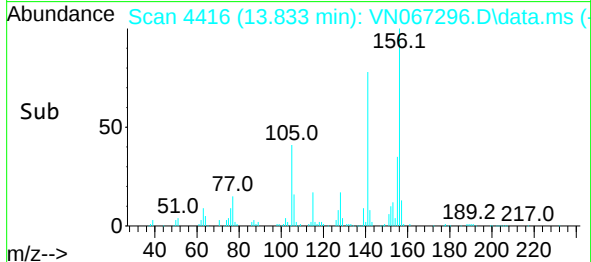
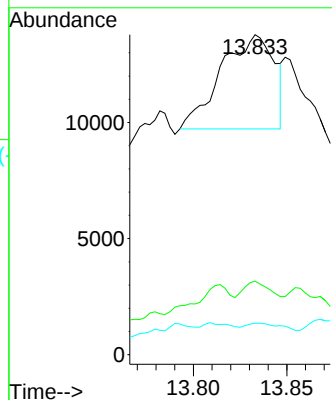
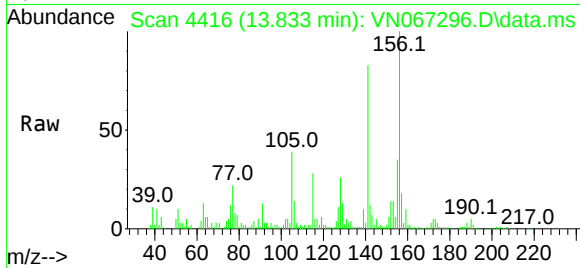




#89
n-Butylbenzene
Concen: 0.291 ug/l
RT: 13.833 min Scan# 4416
Delta R.T. -0.110 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

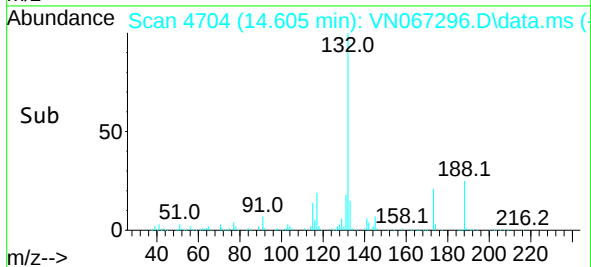
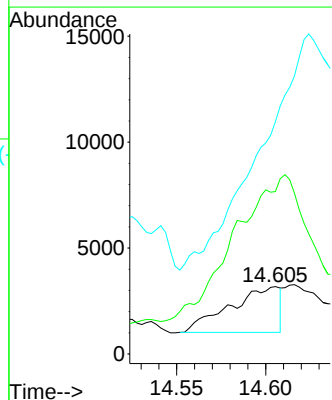
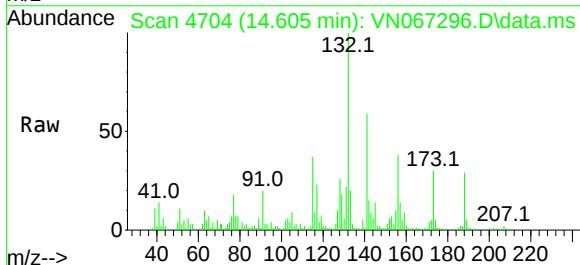
Instrument :
MSVOA_N
ClientSampleId :
17-B6(80-84)

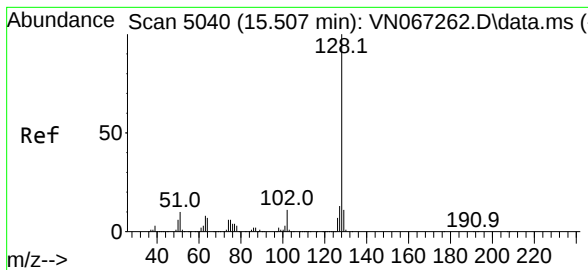
Tgt Ion: 91 Resp: 8034
Ion Ratio Lower Upper
91 100
92 0.0 26.5 79.5#
134 0.0 14.3 42.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.624 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Tgt Ion: 75 Resp: 4219
Ion Ratio Lower Upper
75 100
155 512.9 49.9 149.7#
157 1298.6 63.8 191.4#





#95
Naphthalene
Concen: 7.239 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067296.D
Acq: 11 Jun 2021 18:20

Instrument :
MSVOA_N
ClientSampleId :
17-B6(80-84)

Tgt Ion:128 Resp: 60467
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 11.2 8.6 13.0

