

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067273.D
 Acq On : 10 Jun 2021 15:48
 Operator : JC/MD
 Sample : M2612-17
 Misc : 9.50g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 05:39:58 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	352199	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	633115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	563641	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	227375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	310491	46.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.28%
35) Dibromofluoromethane	8.018	113	203602	50.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.94%
50) Toluene-d8	10.440	98	816209	51.48	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.96%
62) 4-Bromofluorobenzene	12.733	95	315925	47.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.76%

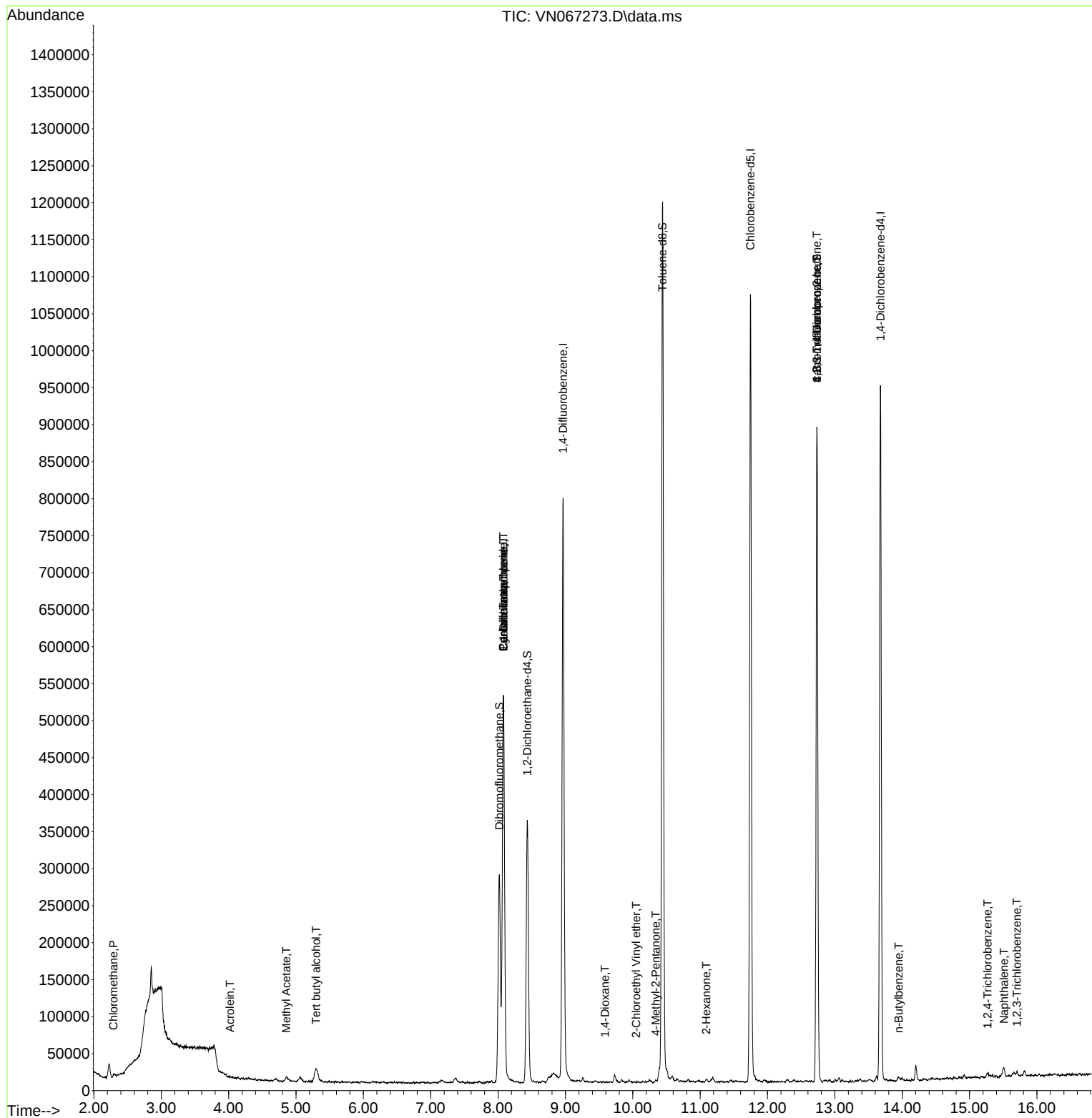
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.290	50	1426	0.25	ug/l	96
11) Tert butyl alcohol	5.299	59	18910	16.69	ug/l	# 89
13) Acrolein	4.022	56	320	0.70	ug/l	# 1
18) Methyl Acetate	4.854	43	5964	0.80	ug/l	95
31) Cyclohexane	8.080	56	10806	1.32	ug/l	# 39
36) 1,1-Dichloropropene	8.080	75	35196	5.25	ug/l	# 49
38) Carbon Tetrachloride	8.080	117	43982	6.29	ug/l	# 15
49) 1,4-Dioxane	9.587	88	27	0.34	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.341	43	2382	0.29	ug/l	# 69
58) 2-Chloroethyl Vinyl ether	10.051	63	116	28.14	ug/l	# 45
59) 2-Hexanone	11.092	43	4363	0.73	ug/l	83
76) 1,2,3-Trichloropropane	12.733	75	182555	30.22	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	182555	77.31	ug/l	# 15
89) n-Butylbenzene	13.946	91	4496	0.27	ug/l	# 38
93) 1,2,4-Trichlorobenzene	15.268	180	1665	0.44	ug/l	# 87
95) Naphthalene	15.512	128	8563	5.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	1780	0.51	ug/l	93

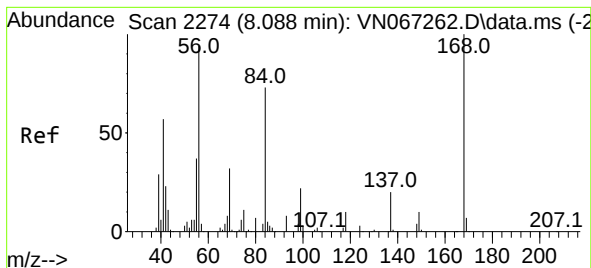
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 11 05:39:58 2021
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Quant Title : SW846 8260
QLast Update : Fri Jun 11 05:27:41 2021
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.008 min

Lab File: VN067273.D

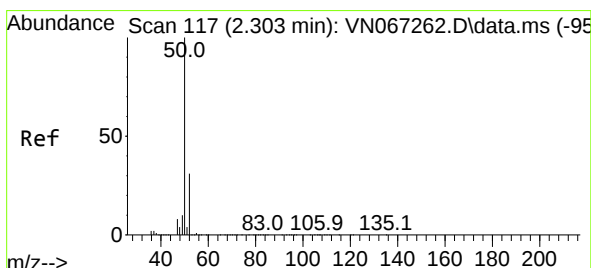
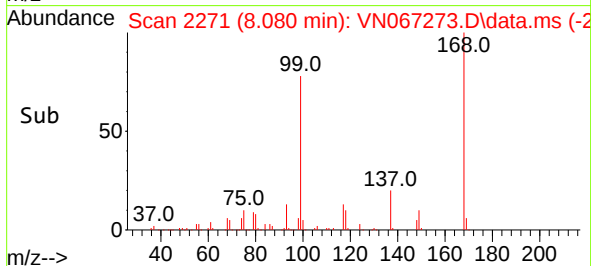
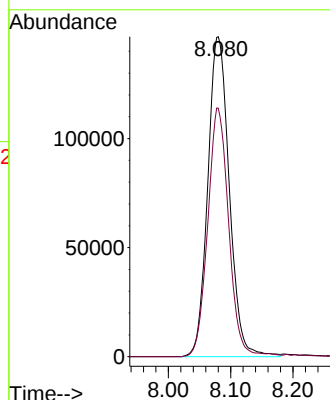
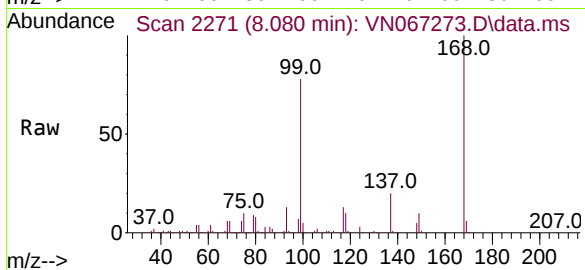
Acq: 10 Jun 2021 15:48

Tgt Ion:168 Resp: 352199

Ion Ratio Lower Upper

168 100

99 77.7 38.5 57.7#



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.290 min Scan# 112

Delta R.T. -0.014 min

Lab File: VN067273.D

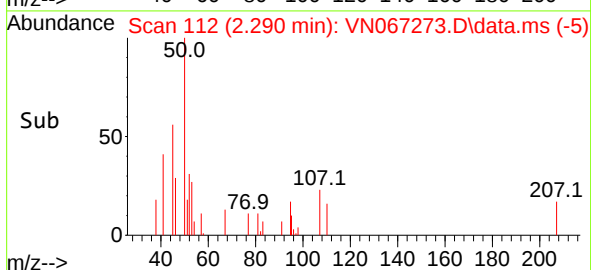
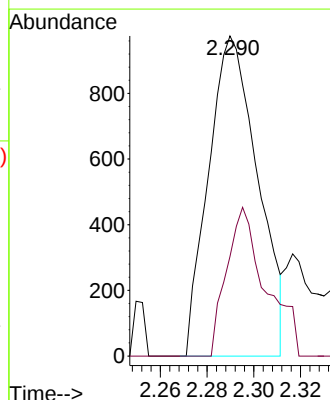
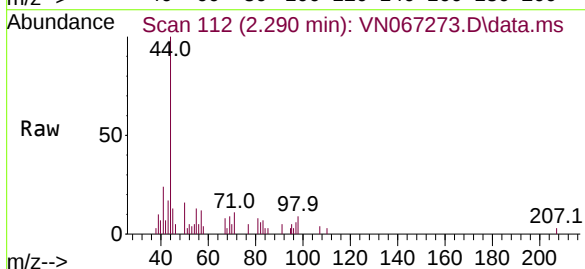
Acq: 10 Jun 2021 15:48

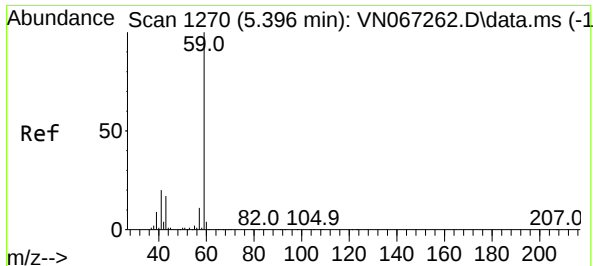
Tgt Ion: 50 Resp: 1426

Ion Ratio Lower Upper

50 100

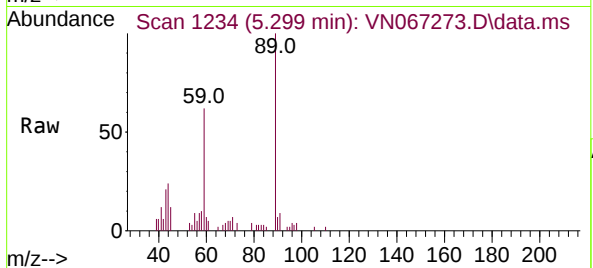
52 31.1 26.5 39.7



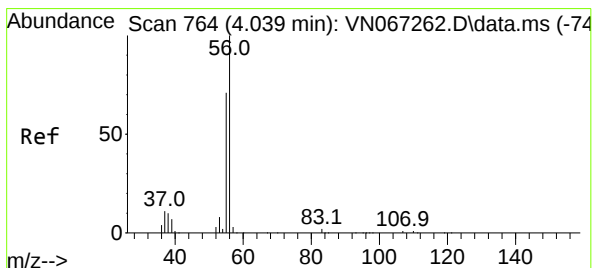
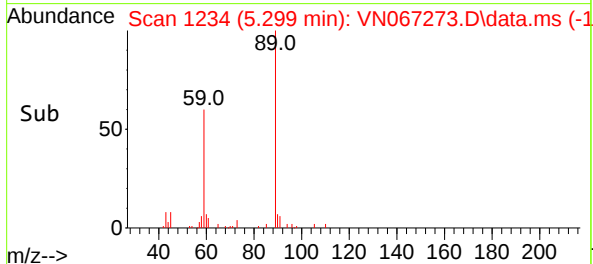
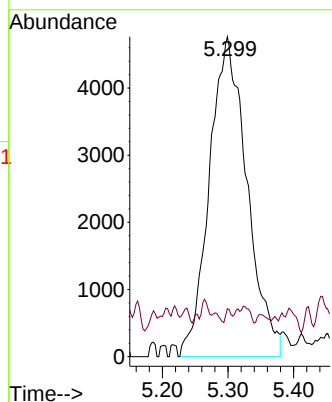


#11
Tert butyl alcohol
Concen: 16.69 ug/l
RT: 5.299 min Scan# 1234
Delta R.T. -0.097 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Instrument :
MSVOA_N
ClientSampled :

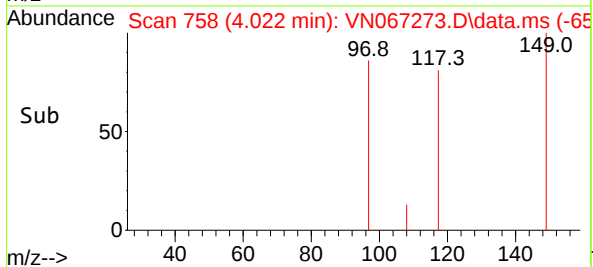
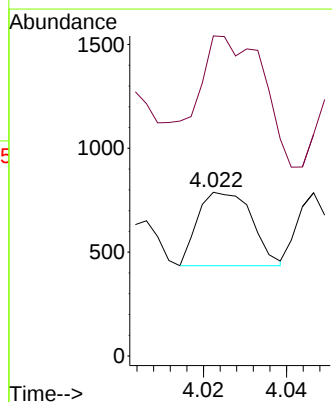
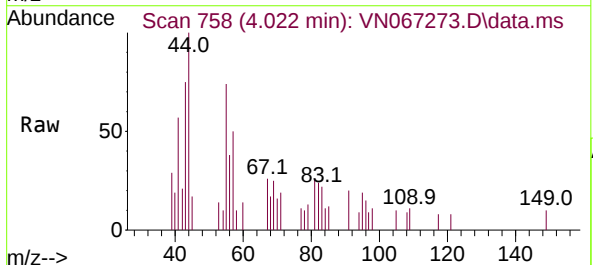


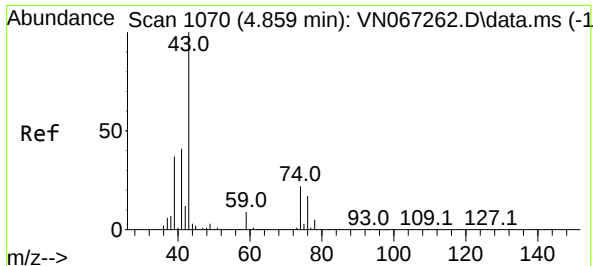
Tgt Ion: 59 Resp: 18910
Ion Ratio Lower Upper
59 100
57 0.6 3.5 5.3#



#13
Acrolein
Concen: 0.70 ug/l
RT: 4.022 min Scan# 758
Delta R.T. -0.016 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Tgt Ion: 56 Resp: 320
Ion Ratio Lower Upper
56 100
55 205.3 53.8 80.6#





#18

Methyl Acetate

Concen: 0.80 ug/l

RT: 4.854 min Scan# 1068

Delta R.T. -0.005 min

Lab File: VN067273.D

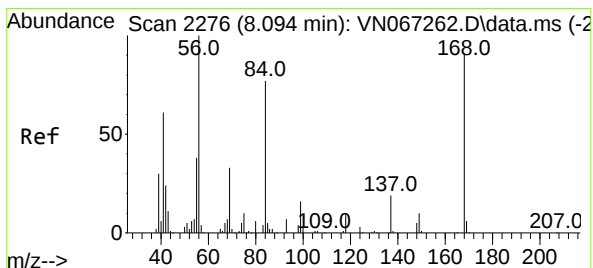
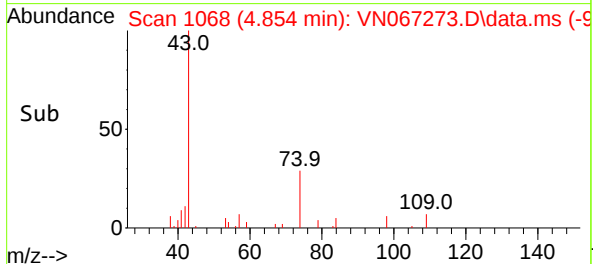
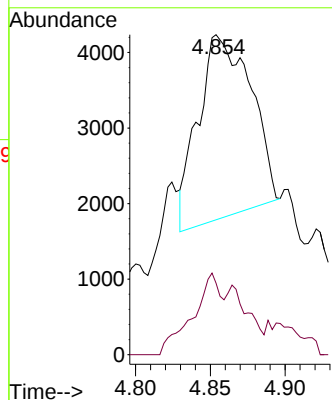
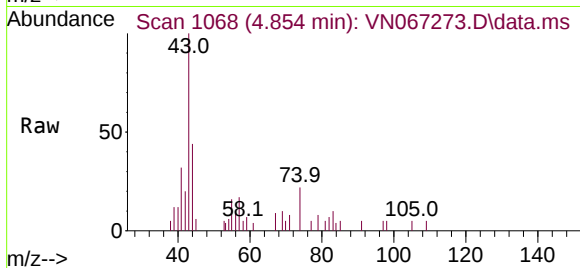
Acq: 10 Jun 2021 15:48

Tgt Ion: 43 Resp: 5964

Ion Ratio Lower Upper

43 100

74 24.3 21.4 32.2



#31

Cyclohexane

Concen: 1.32 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.014 min

Lab File: VN067273.D

Acq: 10 Jun 2021 15:48

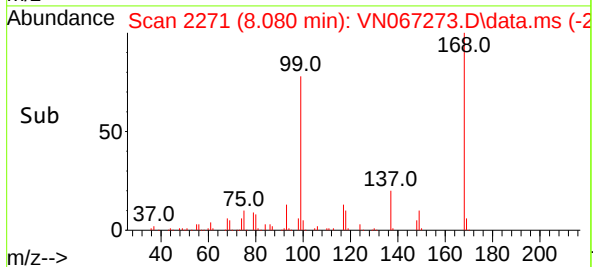
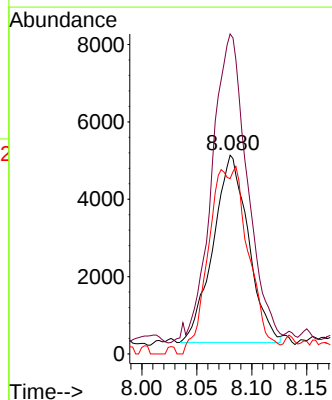
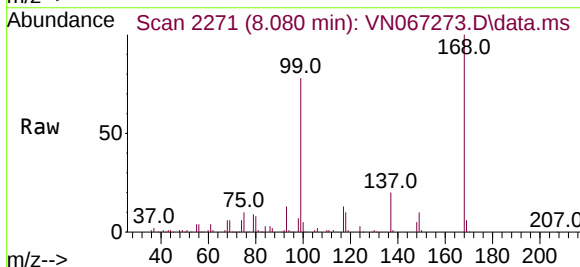
Tgt Ion: 56 Resp: 10806

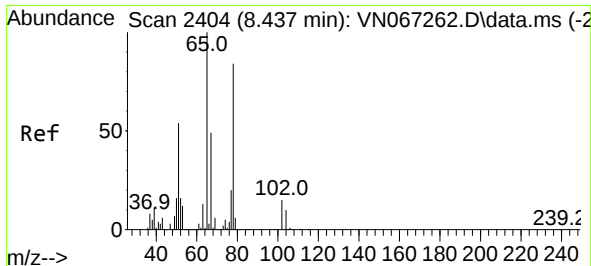
Ion Ratio Lower Upper

56 100

69 162.4 28.0 42.0#

84 93.7 74.2 111.2





#33

1,2-Dichloroethane-d4

Concen: 46.64 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. -0.003 min

Lab File: VN067273.D

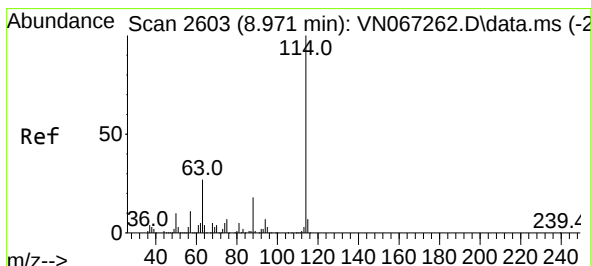
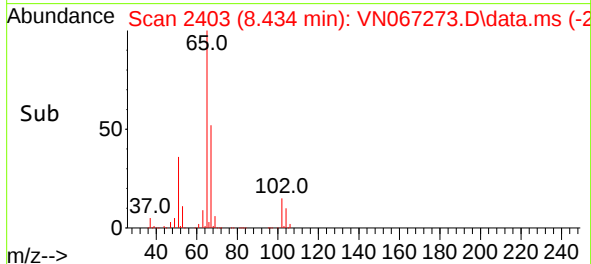
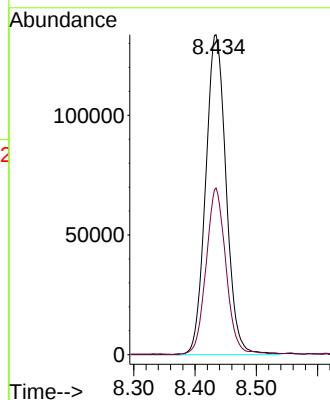
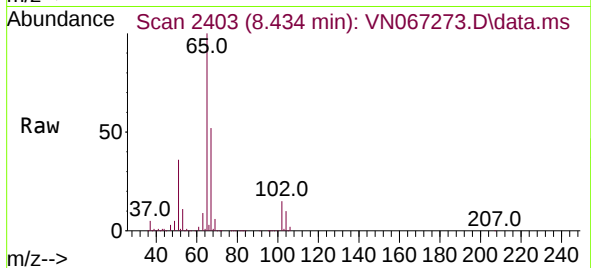
Acq: 10 Jun 2021 15:48

Tgt Ion: 65 Resp: 310491

Ion Ratio Lower Upper

65 100

67 50.4 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.006 min

Lab File: VN067273.D

Acq: 10 Jun 2021 15:48

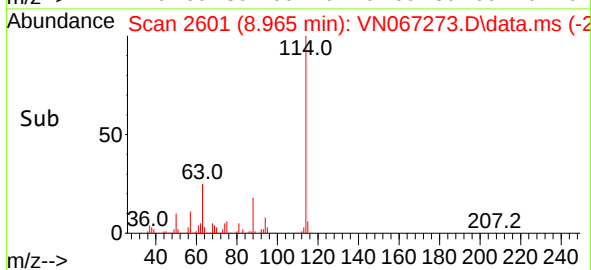
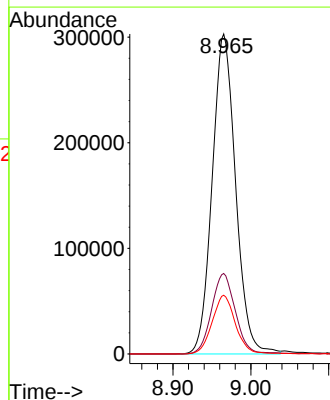
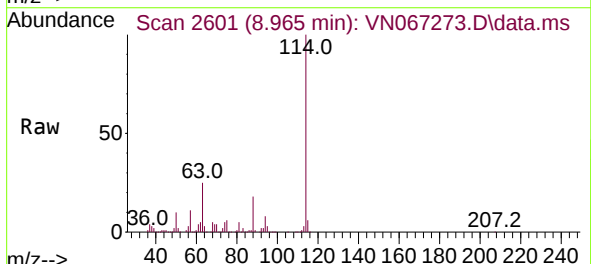
Tgt Ion: 114 Resp: 633115

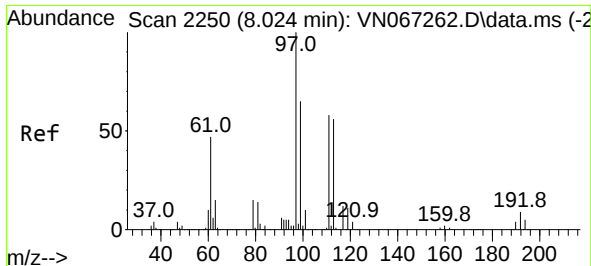
Ion Ratio Lower Upper

114 100

63 25.1 0.0 35.8

88 18.4 0.0 30.4

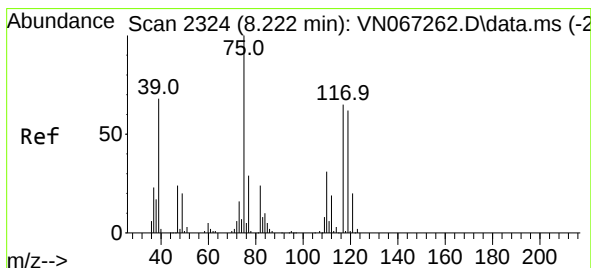
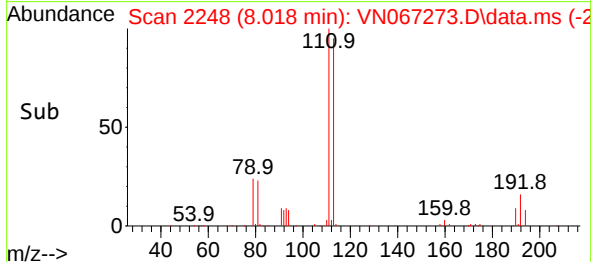
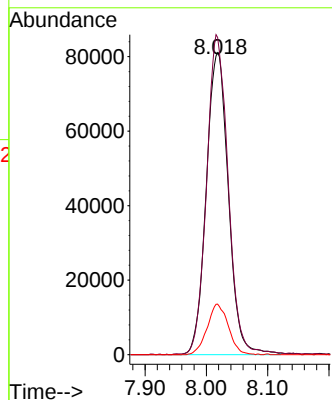
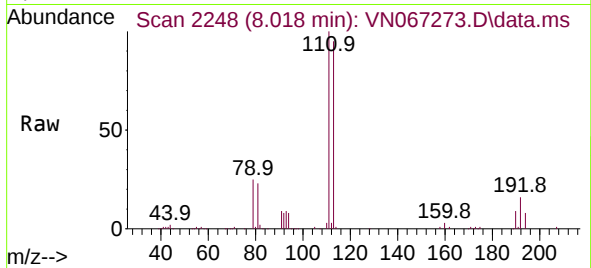




#35
Dibromofluoromethane
Concen: 50.47 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

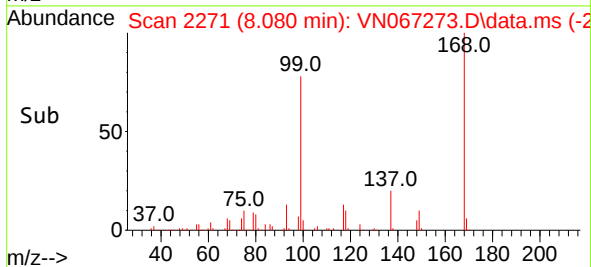
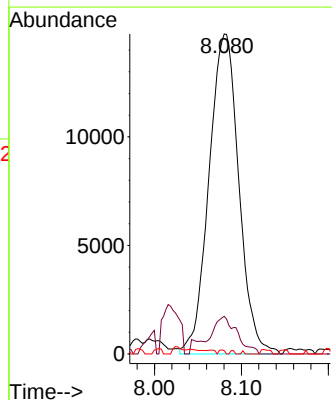
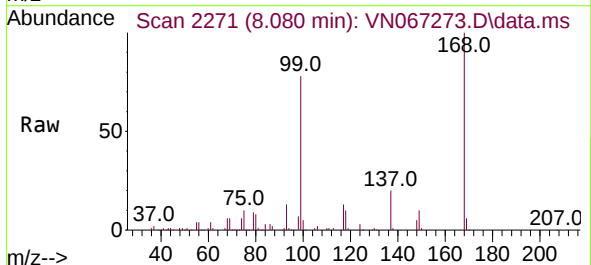
Instrument :
MSVOA_N
ClientSampleId :

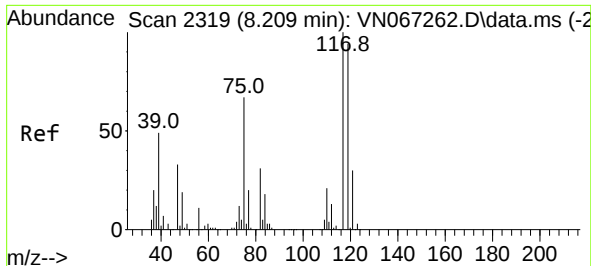
Tgt Ion:113 Resp: 203602
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 16.0 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Tgt Ion: 75 Resp: 35196
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.2 24.8 37.2#

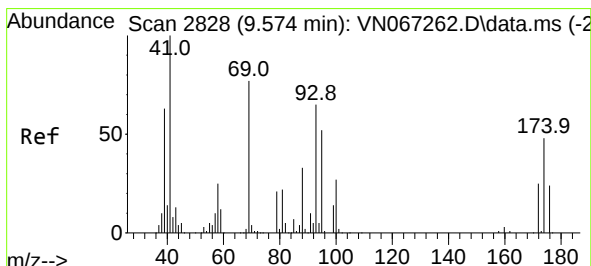
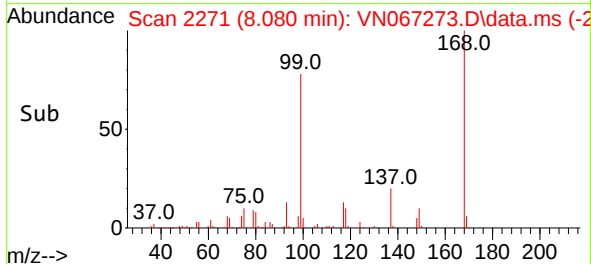
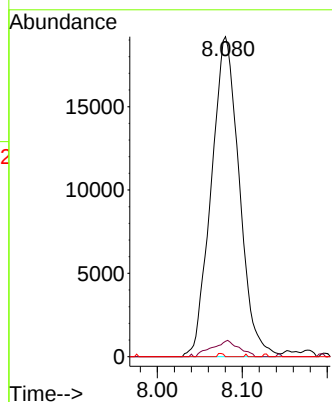
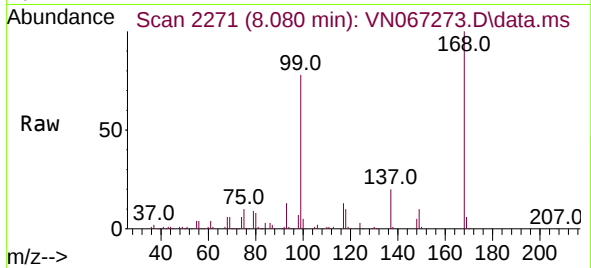




#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

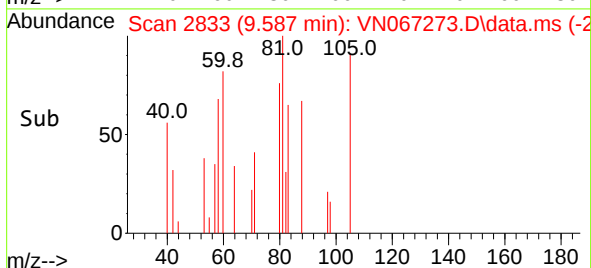
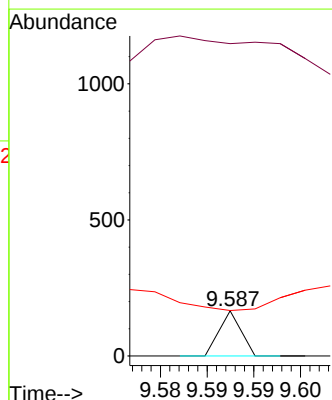
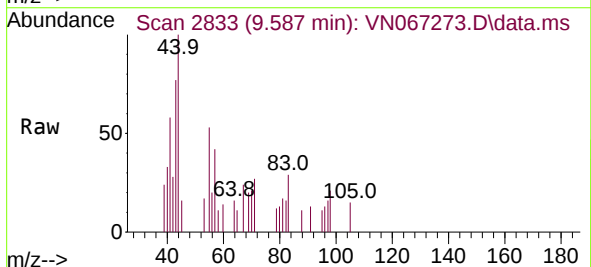
Instrument :
MSVOA_N
ClientSampleId :

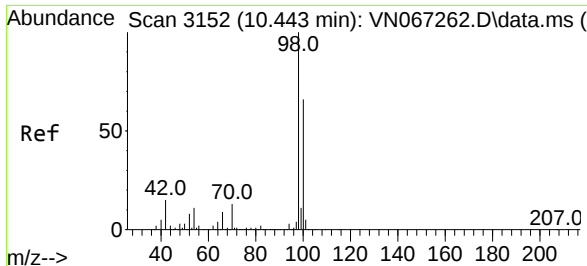
Tgt Ion:117 Resp: 43982
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.7 37.1#



#49
1,4-Dioxane
Concen: 0.34 ug/l
RT: 9.587 min Scan# 2833
Delta R.T. 0.013 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 651.9 21.8 32.8#
58 203.7 50.8 76.2#

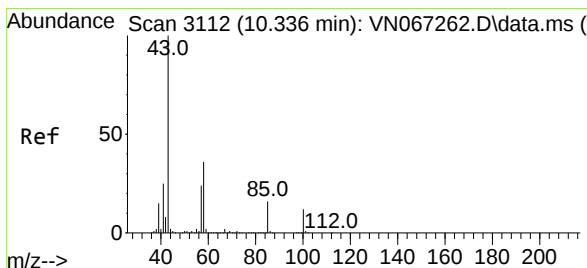
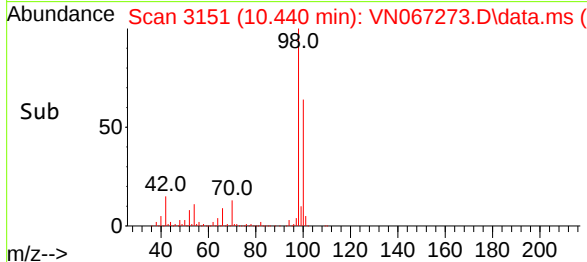
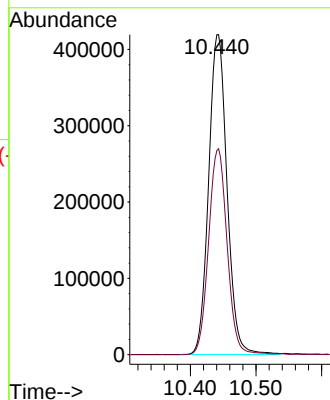
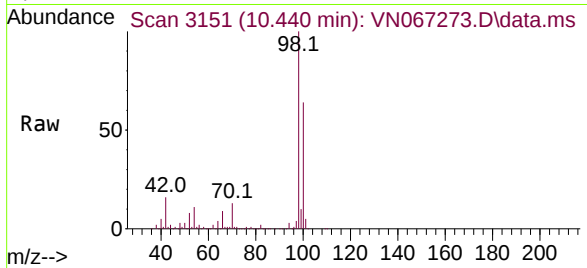




#50
Toluene-d8
Concen: 51.48 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

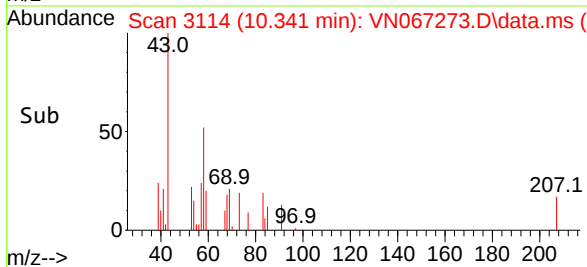
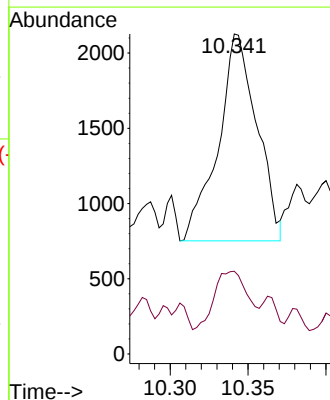
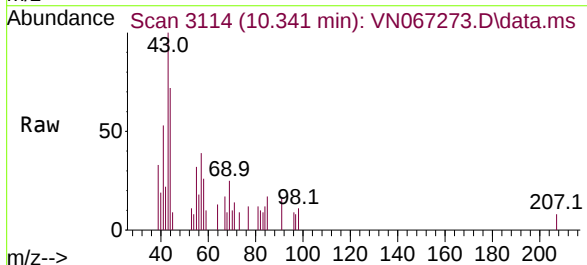
Instrument :
MSVOA_N
ClientSampled :

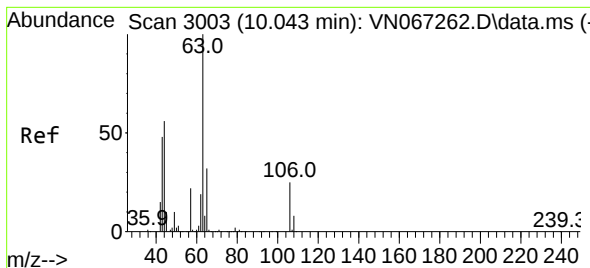
Tgt Ion: 98 Resp: 816209
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 10.341 min Scan# 3114
Delta R.T. 0.005 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
58 23.1 34.5 51.7#

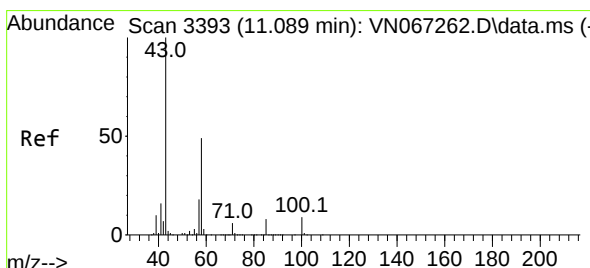
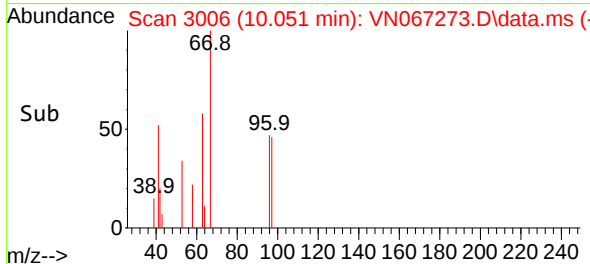
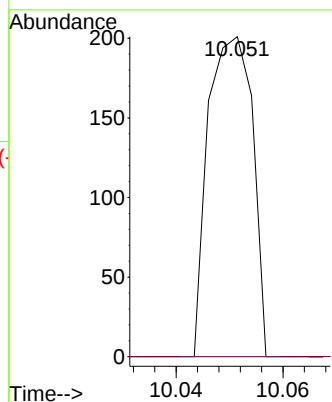
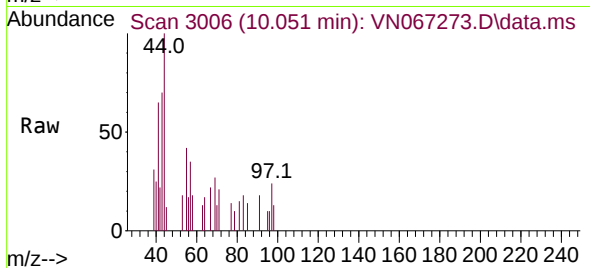




#58
2-Chloroethyl Vinyl ether
Concen: 28.14 ug/l
RT: 10.051 min Scan# 3006
Delta R.T. 0.008 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

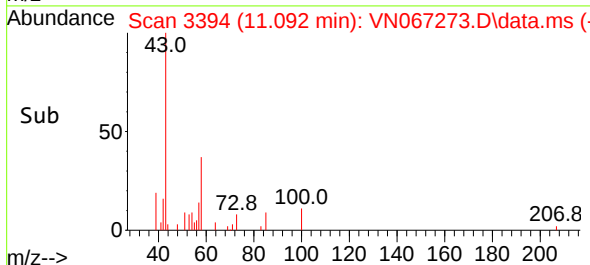
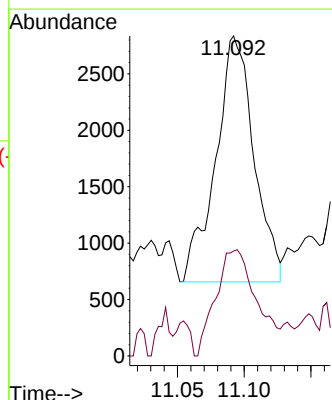
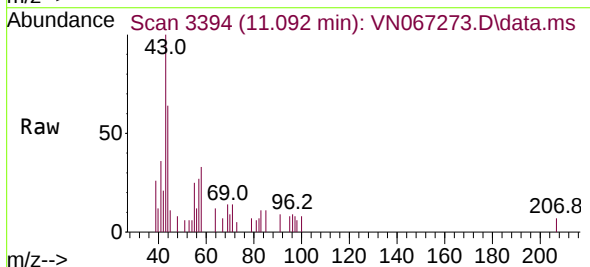
Instrument :
MSVOA_N
ClientSampleId :

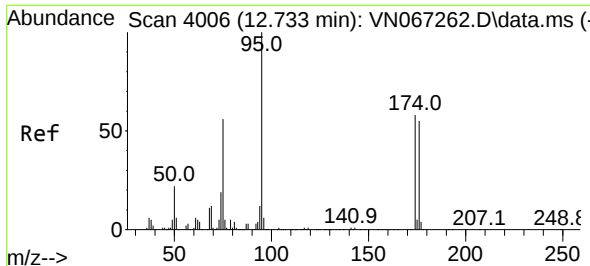
Tgt Ion: 63 Resp: 116
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.73 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Tgt Ion: 43 Resp: 4363
Ion Ratio Lower Upper
43 100
58 46.6 29.8 89.5

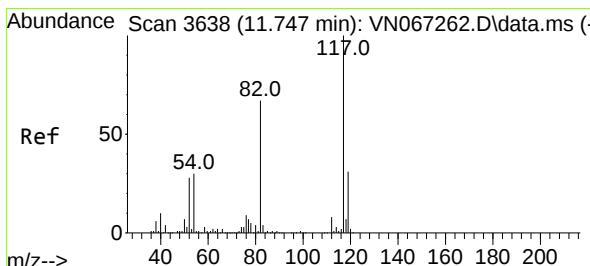
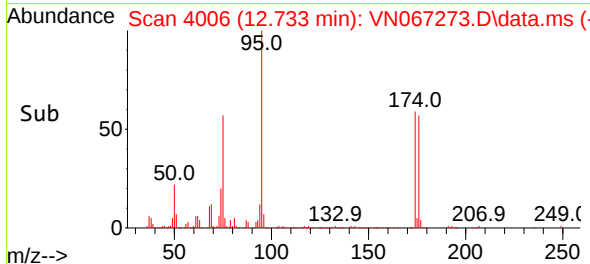
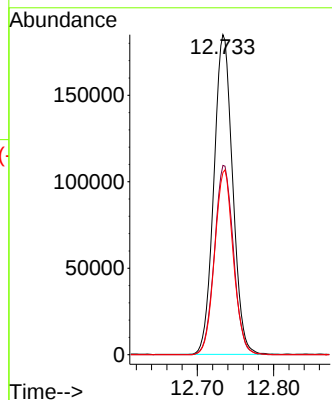
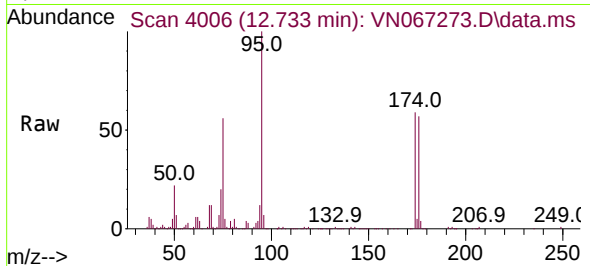




#62
4-Bromofluorobenzene
Concen: 47.88 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

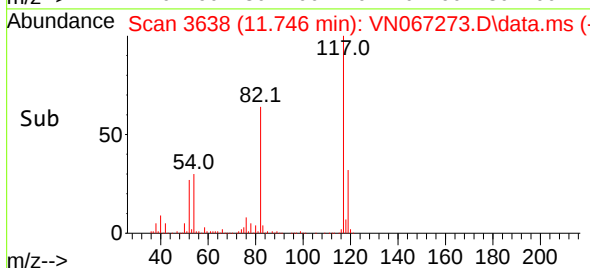
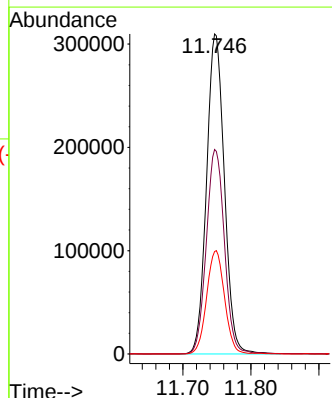
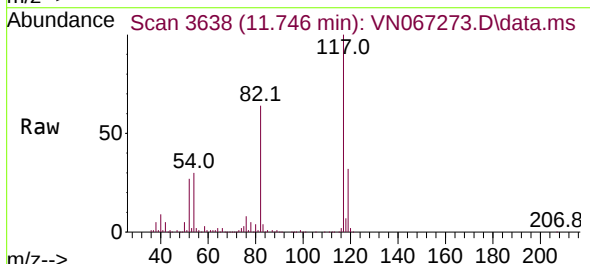
Instrument :
MSVOA_N
ClientSampleId :

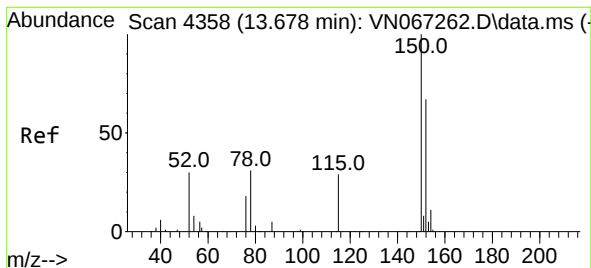
Tgt Ion: 95 Resp: 315925
Ion Ratio Lower Upper
95 100
174 59.8 0.0 182.8
176 57.6 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Tgt Ion:117 Resp: 563641
Ion Ratio Lower Upper
117 100
82 63.8 42.2 63.2#
119 32.0 25.8 38.6

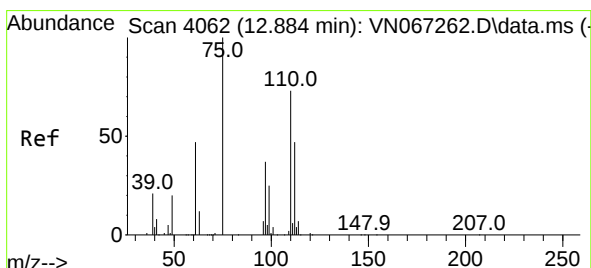
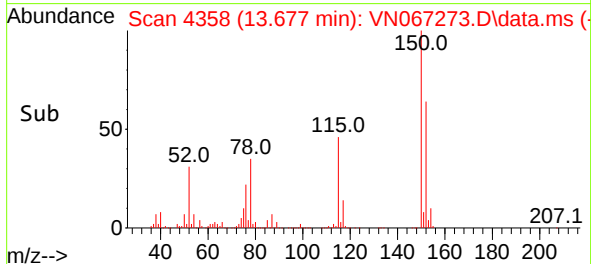
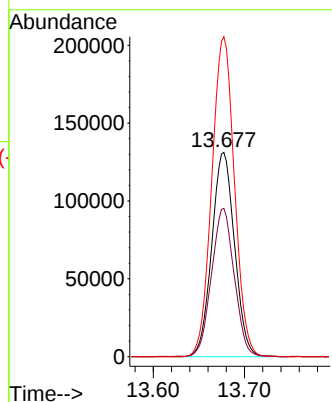
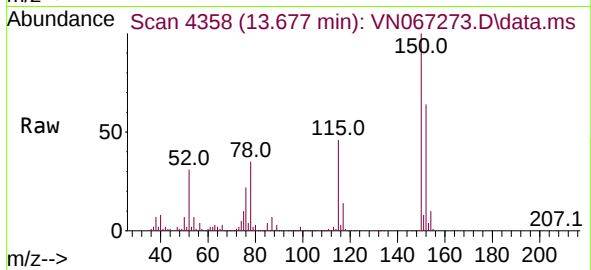




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. -0.001 min
 Lab File: VN067273.D
 Acq: 10 Jun 2021 15:48

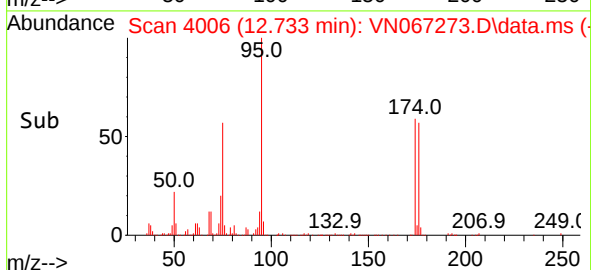
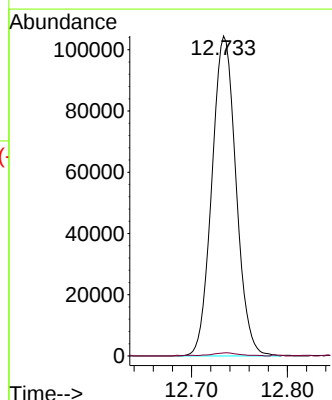
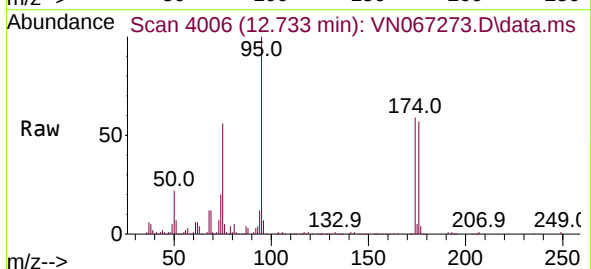
Instrument :
 MSVOA_N
 ClientSampleId :

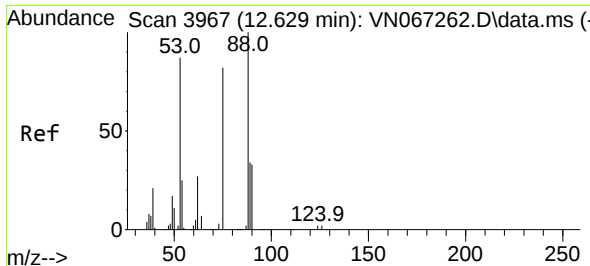
Tgt Ion:152 Resp: 227375
 Ion Ratio Lower Upper
 152 100
 115 72.5 27.0 80.8
 150 155.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 30.22 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.150 min
 Lab File: VN067273.D
 Acq: 10 Jun 2021 15:48

Tgt Ion: 75 Resp: 182555
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

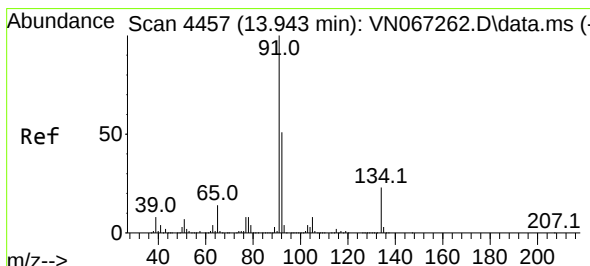
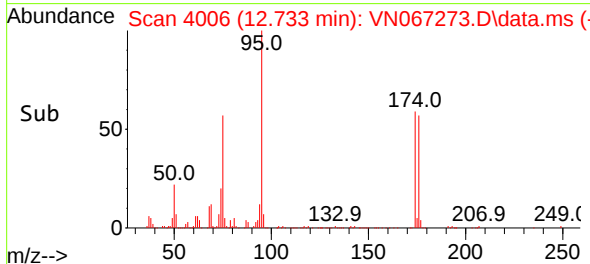
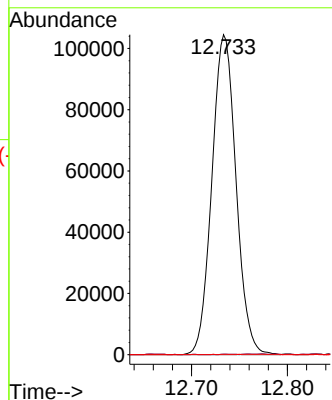
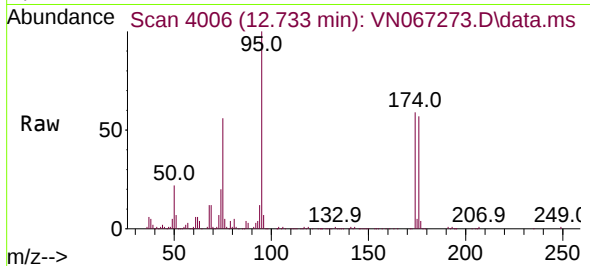




#81
trans-1,4-Dichloro-2-butene
Concen: 77.31 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

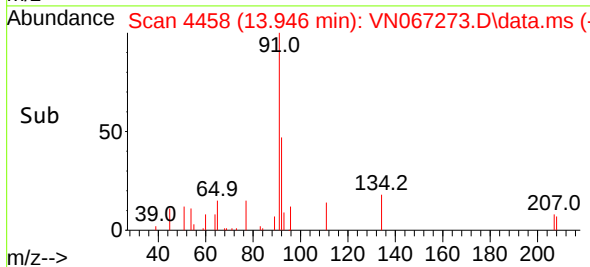
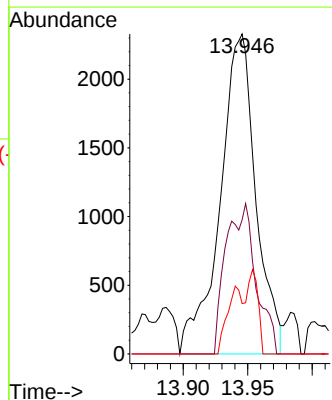
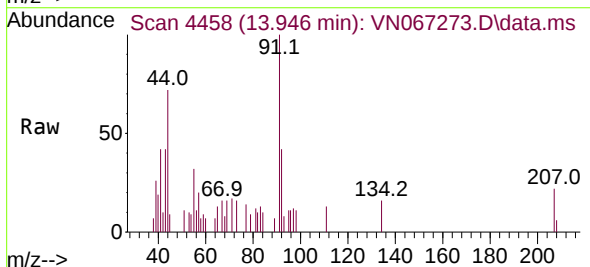
Instrument :
MSVOA_N
ClientSampleId :

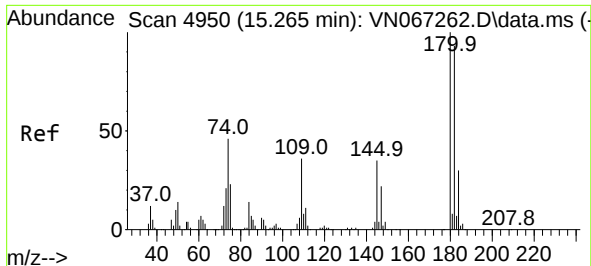
Tgt Ion: 75 Resp: 182555
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.0 39.5 59.3#



#89
n-Butylbenzene
Concen: 0.27 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

Tgt Ion: 91 Resp: 4496
Ion Ratio Lower Upper
91 100
92 0.0 26.5 79.5#
134 8.5 14.3 42.9#

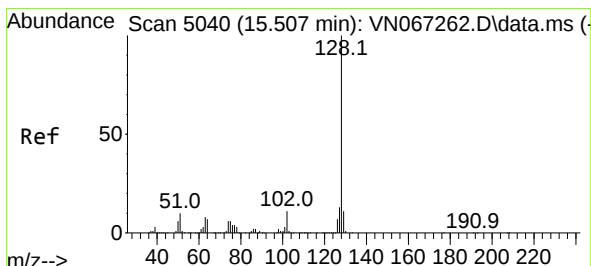
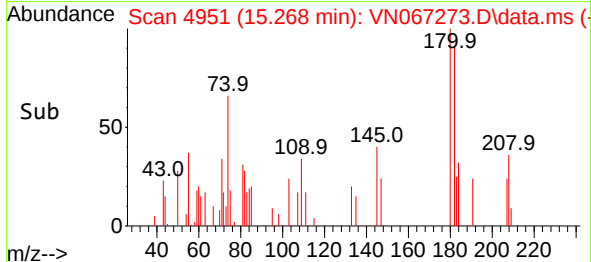
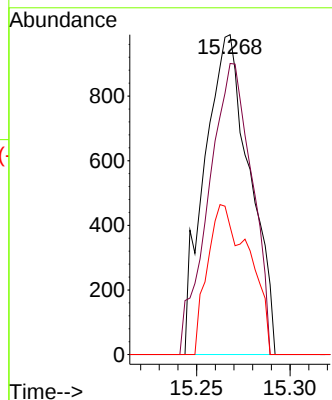
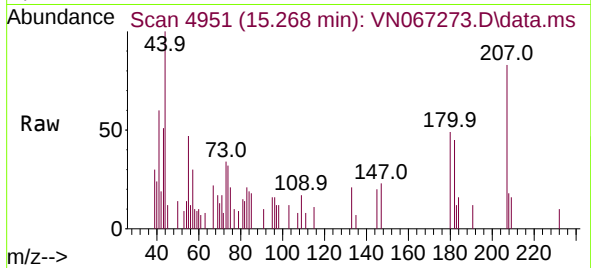




#93
1,2,4-Trichlorobenzene
Concen: 0.44 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

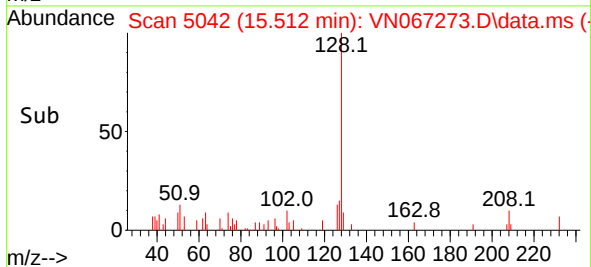
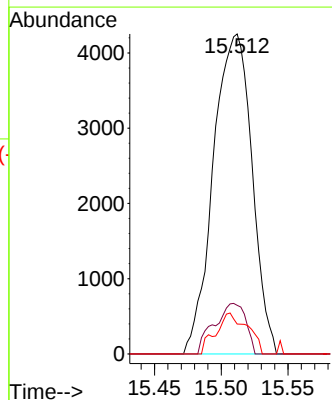
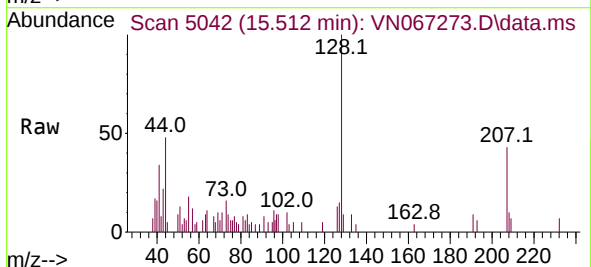
Instrument :
MSVOA_N
ClientSampled :

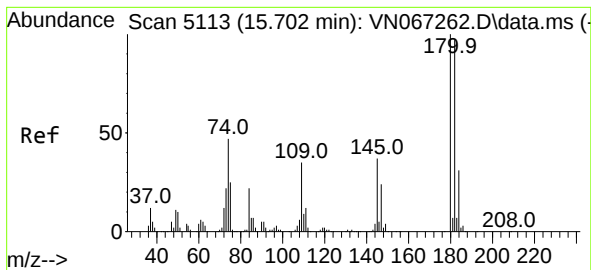
Tgt Ion:180 Resp: 1665
Ion Ratio Lower Upper
180 100
182 87.0 47.3 141.8
145 43.3 14.0 42.0#



#95
Naphthalene
Concen: 5.25 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067273.D
Acq: 10 Jun 2021 15:48

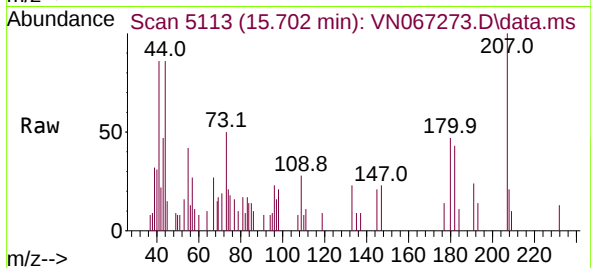
Tgt Ion:128 Resp: 8563
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.51 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. -0.000 min
 Lab File: VN067273.D
 Acq: 10 Jun 2021 15:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1780
Ion	Ratio	Lower	Upper
180	100		
182	99.3	48.5	145.6
145	42.2	15.4	46.2

