

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067484.D
 Acq On : 24 Jun 2021 15:42
 Operator : JC/MD
 Sample : M2746-02ME
 Misc : 10.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:14:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

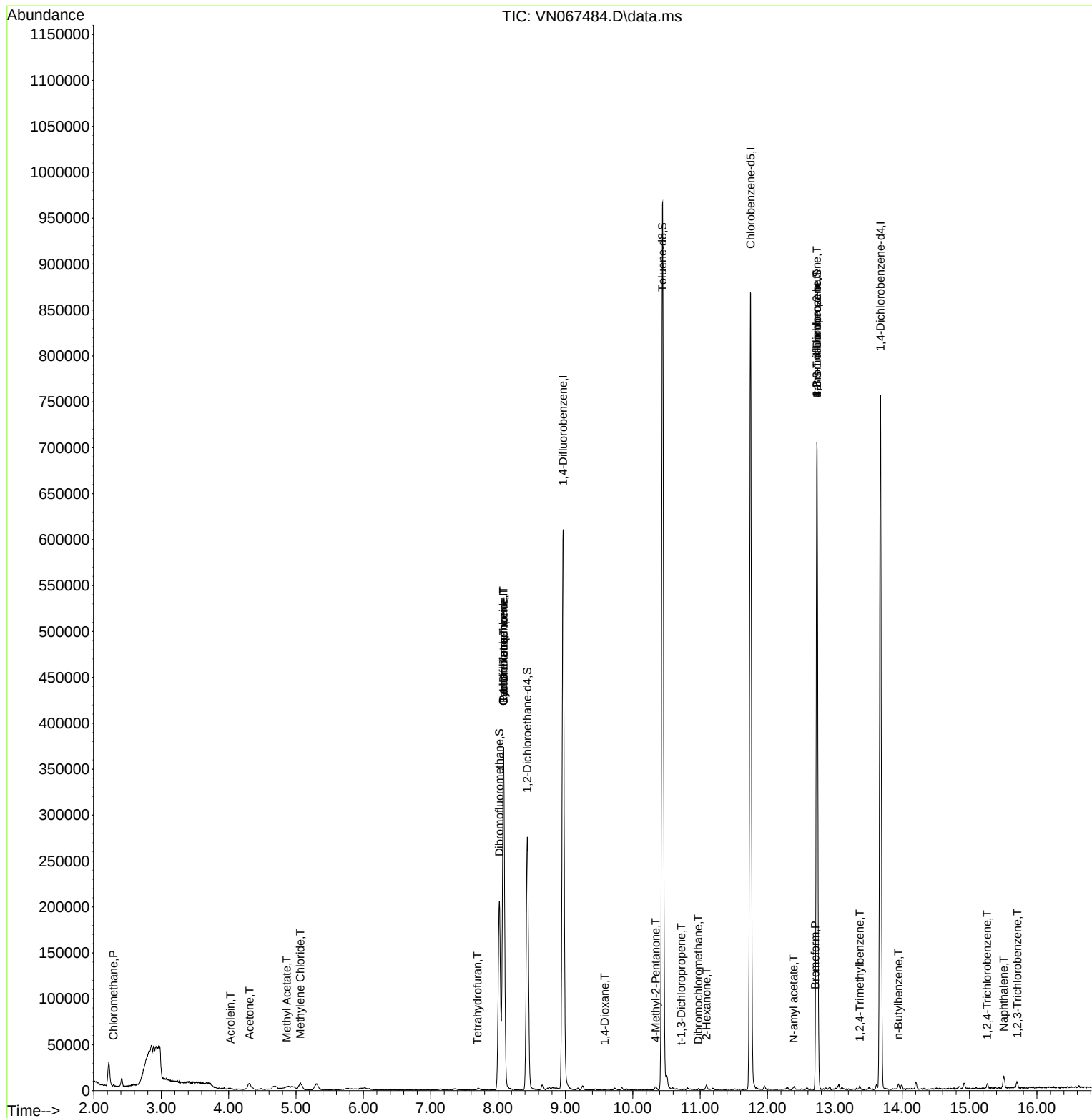
Internal Standards						
1) Pentafluorobenzene	8.080	168	231474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	493885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	460952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	168757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	229476	48.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.88%		
35) Dibromofluoromethane	8.019	113	145866	47.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.88%		
50) Toluene-d8	10.440	98	676186	52.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.20%		
62) 4-Bromofluorobenzene	12.733	95	249289	53.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.84%		
Target Compounds						
						Qvalue
3) Chloromethane	2.290	50	1082	0.25	ug/l	94
13) Acrolein	4.028	56	441	0.67	ug/l	83
16) Acetone	4.312	43	14128	7.79	ug/l	96
18) Methyl Acetate	4.862	43	1393	0.28	ug/l	96
20) Methylene Chloride	5.063	84	4408	1.03	ug/l #	77
29) Tetrahydrofuran	7.694	42	559	0.31	ug/l #	62
31) Cyclohexane	8.078	56	9065	1.20	ug/l #	35
36) 1,1-Dichloropropene	8.080	75	27558	4.95	ug/l #	48
38) Carbon Tetrachloride	8.078	117	29109	6.14	ug/l #	18
49) 1,4-Dioxane	9.585	88	54	0.86	ug/l #	20
51) 4-Methyl-2-Pentanone	10.341	43	2451	0.41	ug/l	94
53) t-1,3-Dichloropropene	10.719	75	115	2.02	ug/l #	43
59) 2-Hexanone	11.095	43	3810	0.91	ug/l	96
60) Dibromochloromethane	10.969	129	24	2.04	ug/l #	11
71) Bromoform	12.709	173	96	2.69	ug/l #	29
74) N-amyl acetate	12.387	43	2043	0.25	ug/l #	85
76) 1,2,3-Trichloropropane	12.733	75	144838	29.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	144838	79.79	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.369	105	2833	0.21	ug/l	85
89) n-Butylbenzene	13.943	91	3746	0.30	ug/l	94
93) 1,2,4-Trichlorobenzene	15.263	180	1491	2.83	ug/l	83
95) Naphthalene	15.507	128	10871	4.41	ug/l	98
96) 1,2,3-Trichlorobenzene	15.708	180	1732	3.13	ug/l #	85

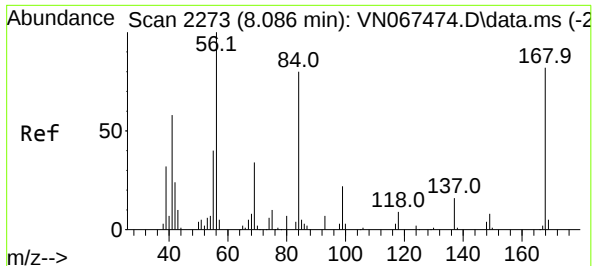
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration

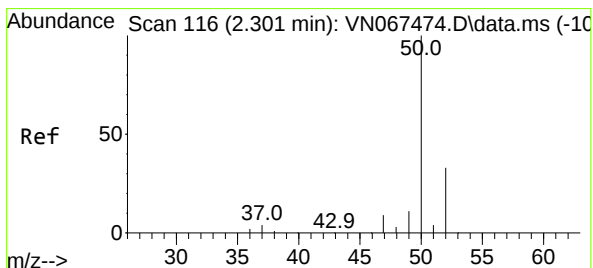
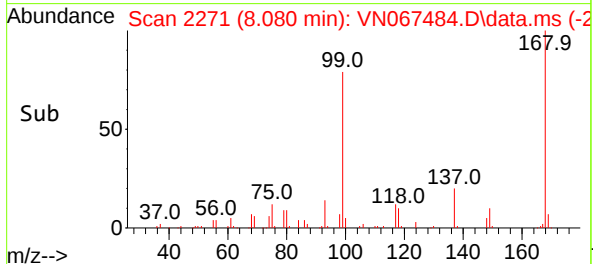
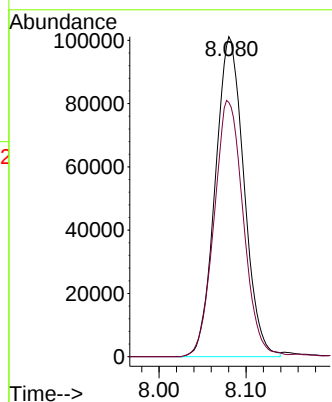
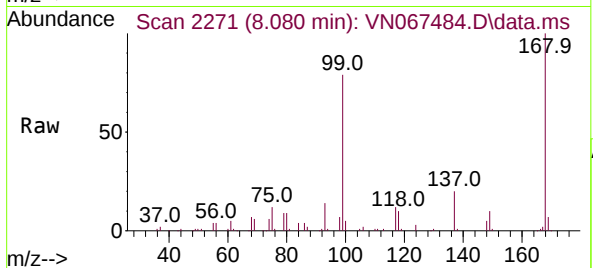




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

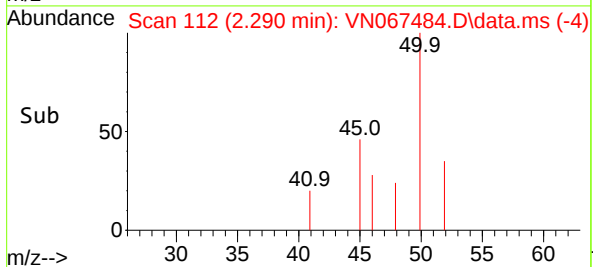
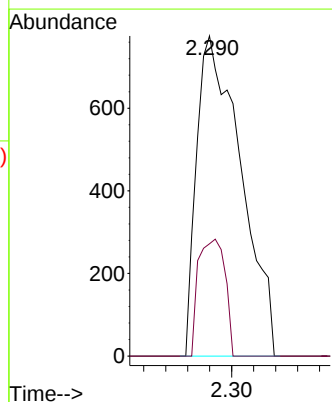
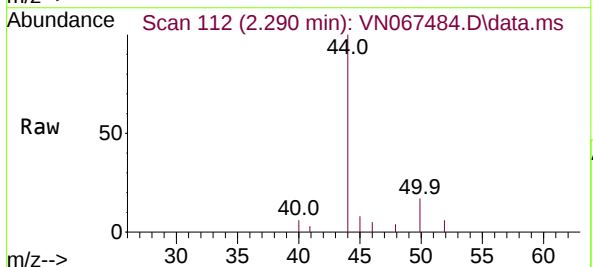
Instrument :
MSVOA_N
ClientSampled :

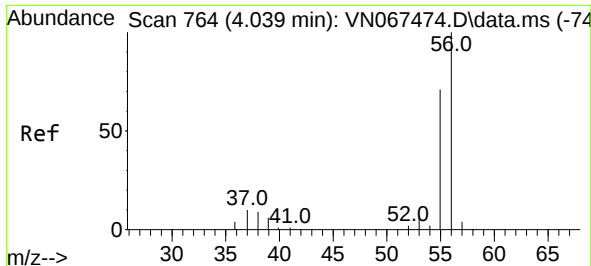
Tgt Ion:168 Resp: 231474
Ion Ratio Lower Upper
168 100
99 79.5 62.9 94.3



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.290 min Scan# 112
Delta R.T. -0.011 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 50 Resp: 1082
Ion Ratio Lower Upper
50 100
52 35.1 25.6 38.4

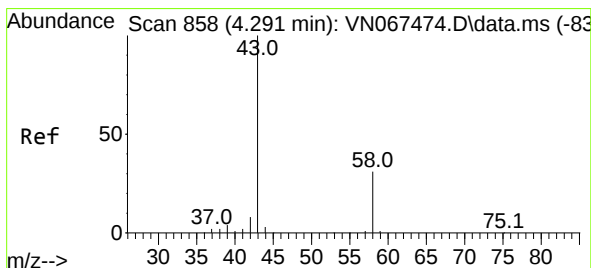
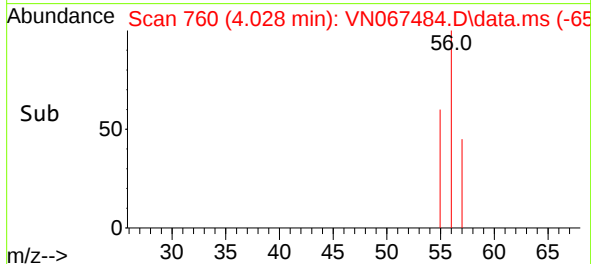
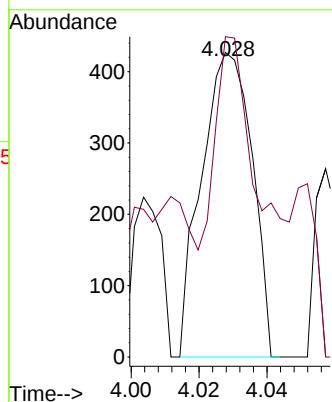
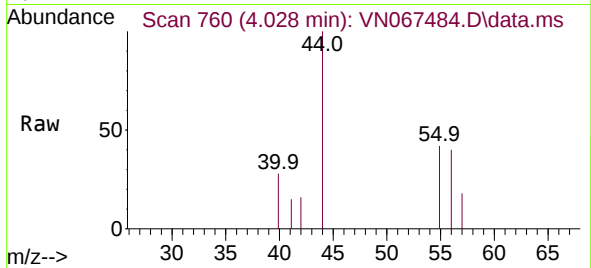




#13
Acrolein
Concen: 0.67 ug/l
RT: 4.028 min Scan# 760
Delta R.T. -0.011 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

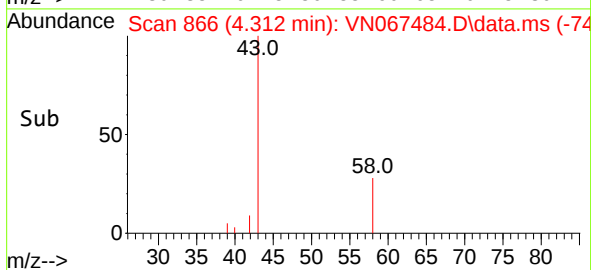
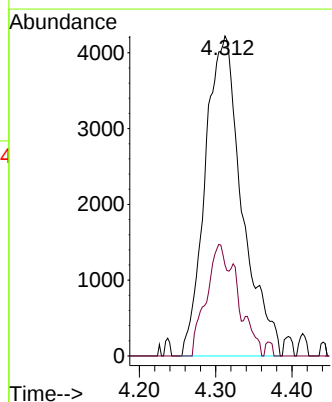
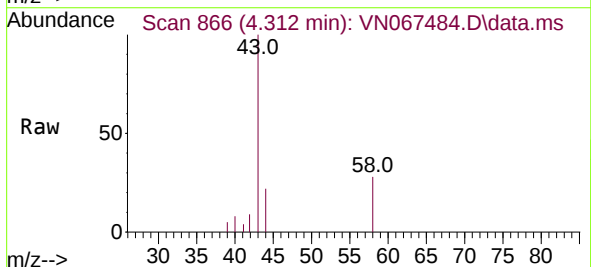
Instrument :
MSVOA_N
ClientSampled :

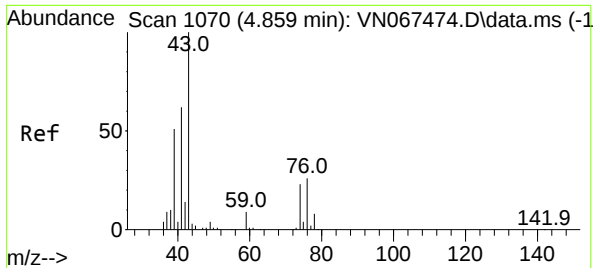
Tgt Ion: 56 Resp: 441
Ion Ratio Lower Upper
56 100
55 57.8 57.4 86.0



#16
Acetone
Concen: 7.79 ug/l
RT: 4.312 min Scan# 866
Delta R.T. 0.021 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 43 Resp: 14128
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8

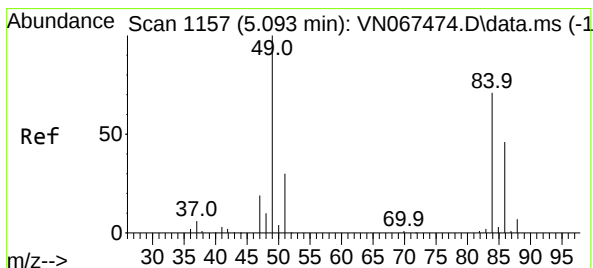
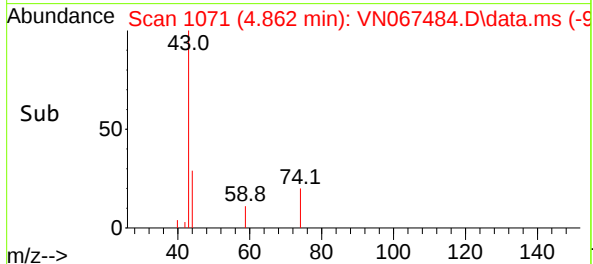
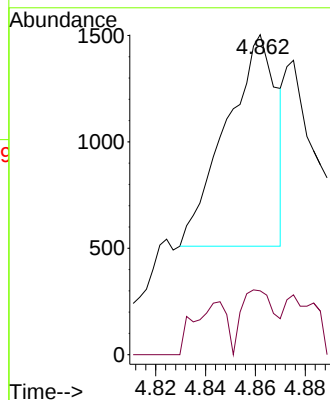
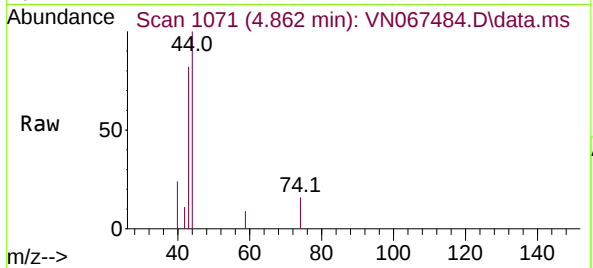




#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.003 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

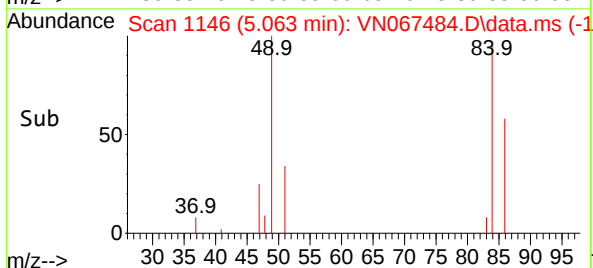
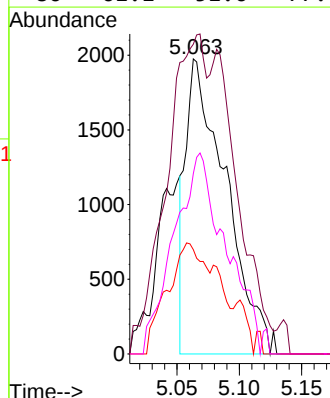
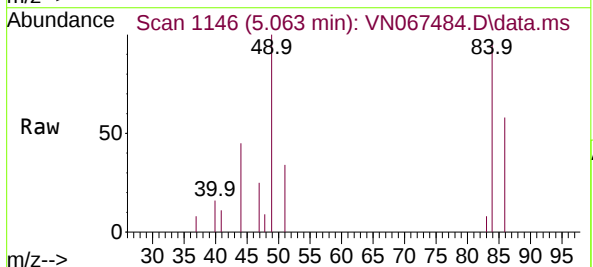
Instrument :
MSVOA_N
ClientSampled :

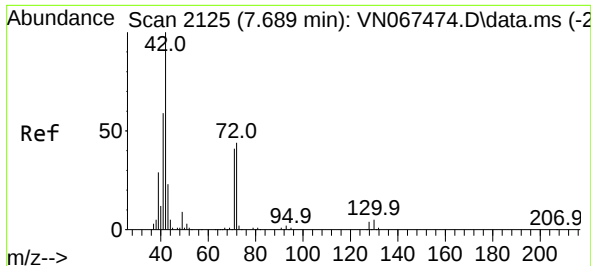
Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
74 20.0 17.4 26.0



#20
Methylene Chloride
Concen: 1.03 ug/l
RT: 5.063 min Scan# 1146
Delta R.T. -0.030 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 84 Resp: 4408
Ion Ratio Lower Upper
84 100
49 95.0 110.9 166.3#
51 35.3 32.6 49.0
86 61.1 51.6 77.4





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 7.694 min Scan# 2127

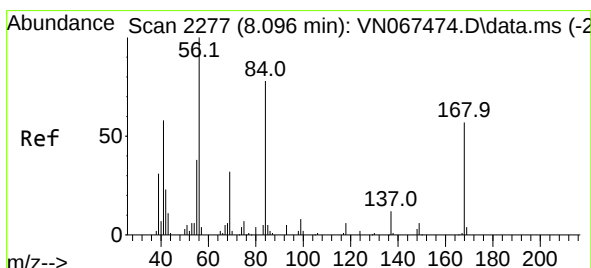
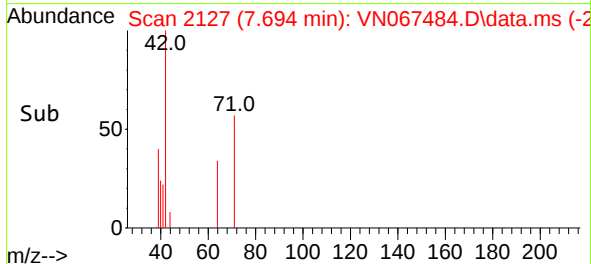
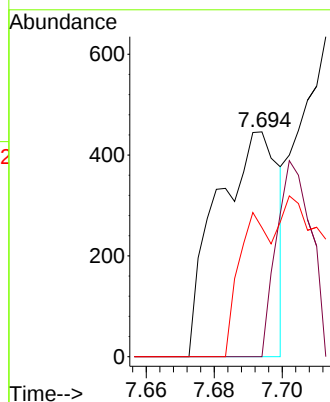
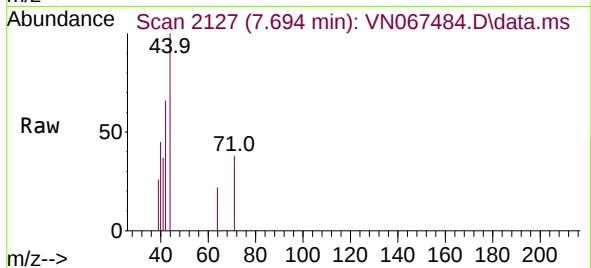
Delta R.T. 0.005 min

Lab File: VN067484.D

Acq: 24 Jun 2021 15:42

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 42	Resp: 559
Ion Ratio	Lower Upper
42 100	
72 0.0	32.8 49.2#
71 32.9	31.2 46.8



#31

Cyclohexane

Concen: 1.20 ug/l

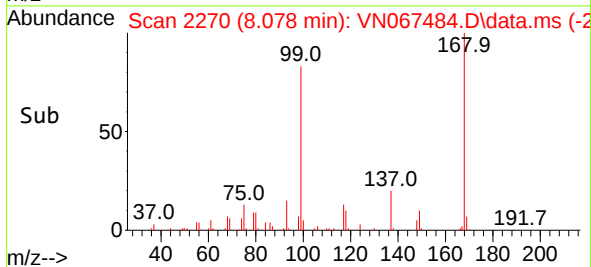
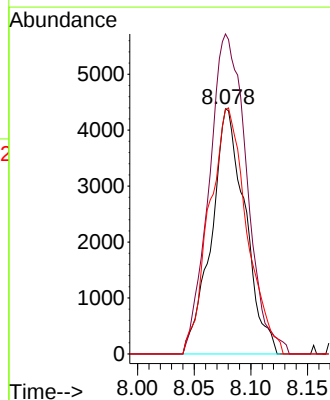
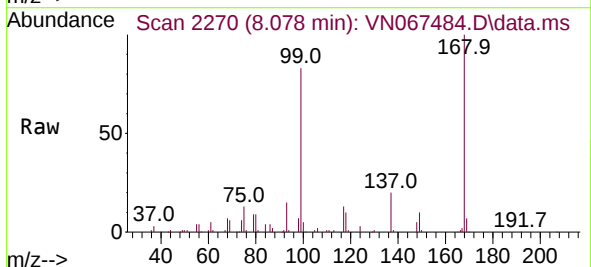
RT: 8.078 min Scan# 2270

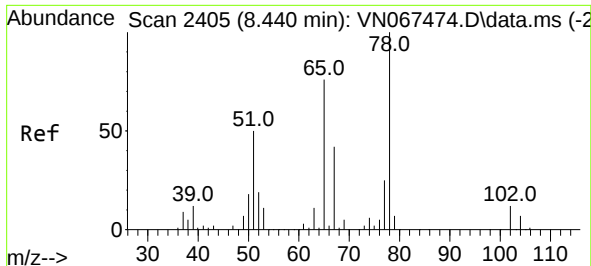
Delta R.T. -0.018 min

Lab File: VN067484.D

Acq: 24 Jun 2021 15:42

Tgt Ion: 56	Resp: 9065
Ion Ratio	Lower Upper
56 100	
69 130.6	27.3 40.9#
84 99.8	64.9 97.3#

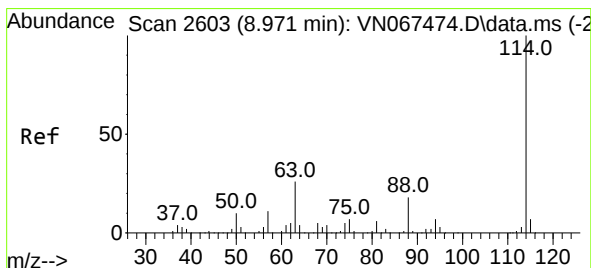
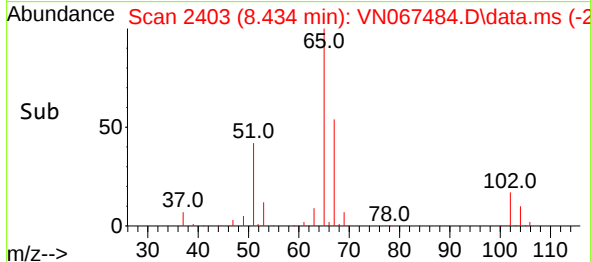
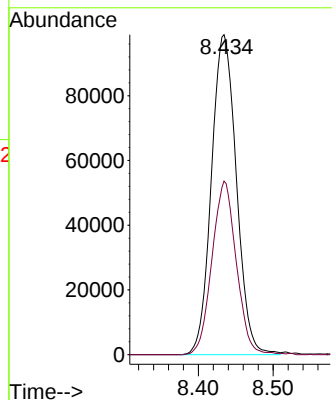
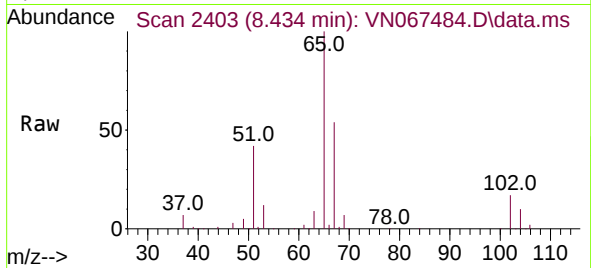




#33
1,2-Dichloroethane-d4
Concen: 48.44 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

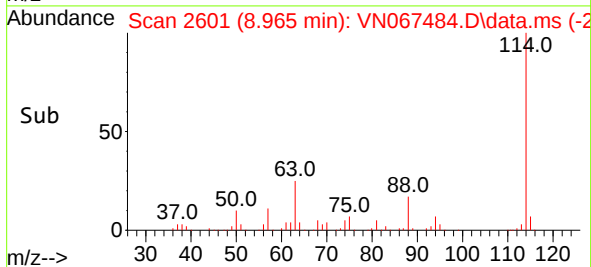
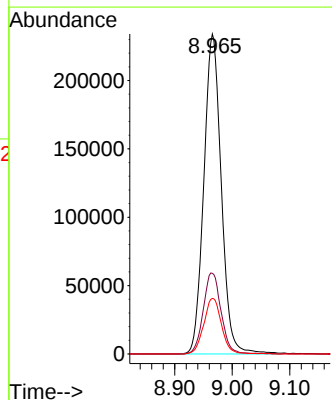
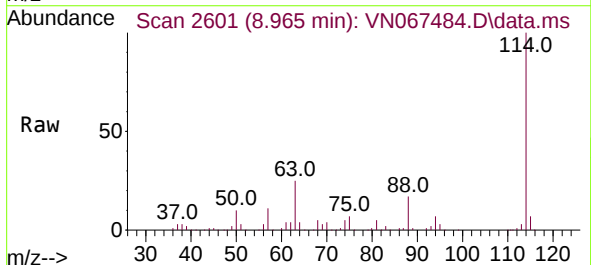
Instrument :
MSVOA_N
ClientSampled :

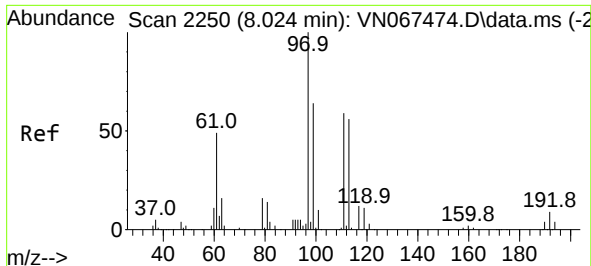
Tgt Ion: 65 Resp: 229476
Ion Ratio Lower Upper
65 100
67 52.8 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.006 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 114 Resp: 493885
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.0
88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.94 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.005 min

Lab File: VN067484.D

Acq: 24 Jun 2021 15:42

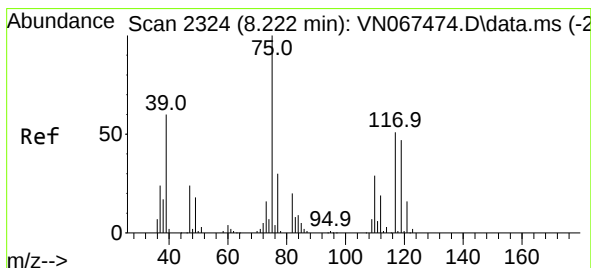
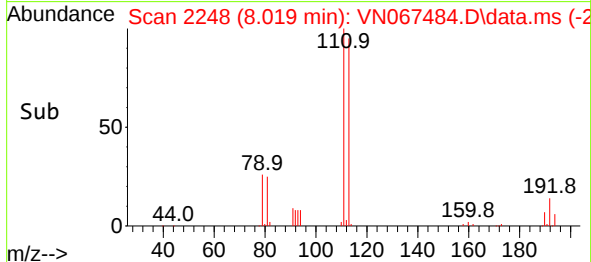
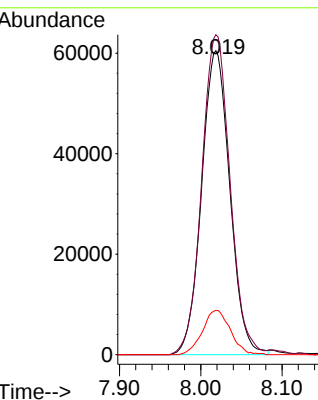
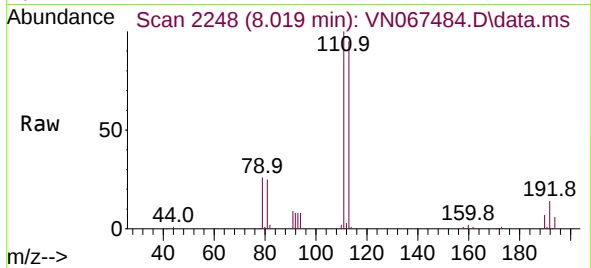
Tgt Ion:113 Resp: 145866

Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.8

192 14.5 13.4 20.0



#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.142 min

Lab File: VN067484.D

Acq: 24 Jun 2021 15:42

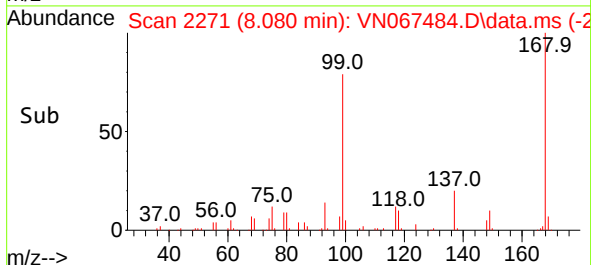
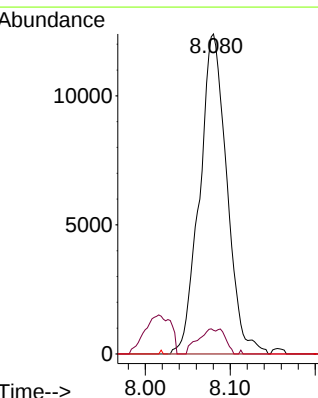
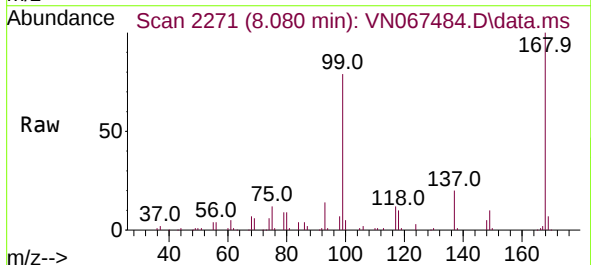
Tgt Ion: 75 Resp: 27558

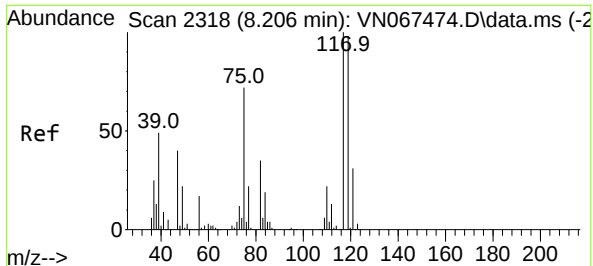
Ion Ratio Lower Upper

75 100

110 5.1 15.7 47.0#

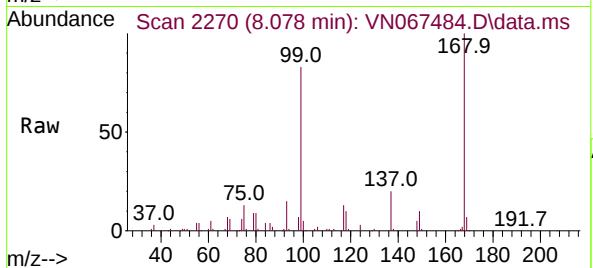
77 0.0 24.6 37.0#



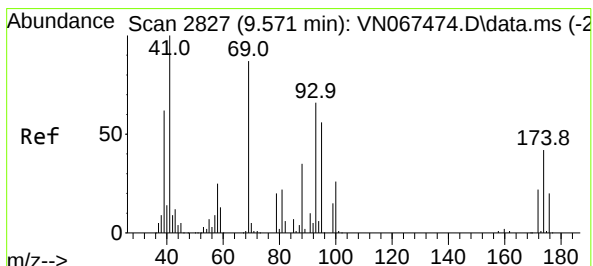
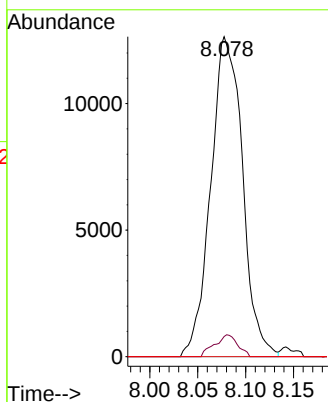
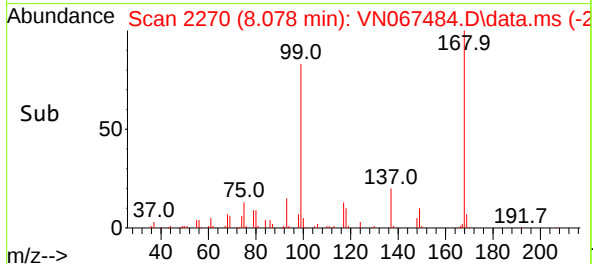


#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.128 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

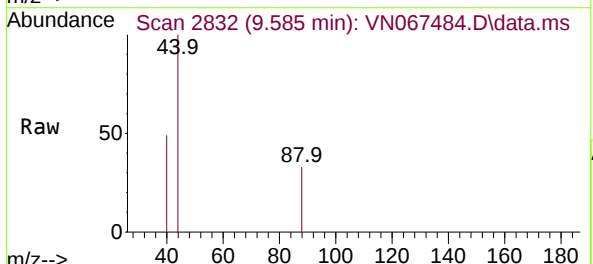
Instrument :
MSVOA_N
ClientSampleId :



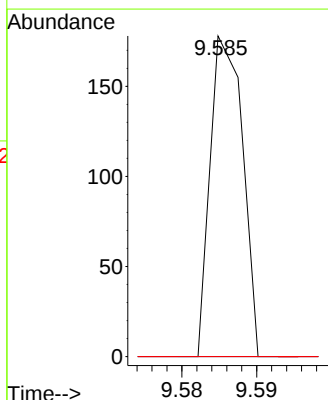
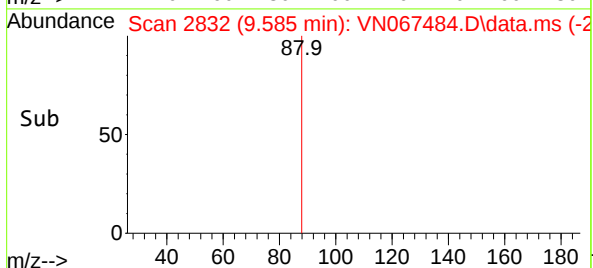
Tgt Ion:117 Resp: 29109
Ion Ratio Lower Upper
117 100
119 6.3 75.4 113.2#
121 0.0 23.5 35.3#

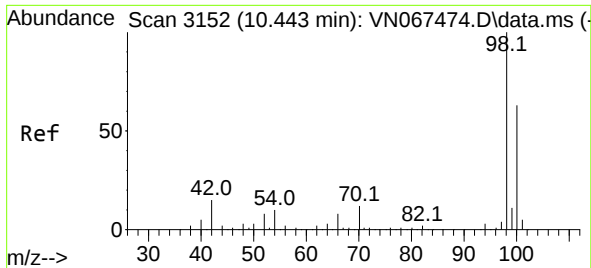


#49
1,4-Dioxane
Concen: 0.86 ug/l
RT: 9.585 min Scan# 2832
Delta R.T. 0.014 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42



Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#

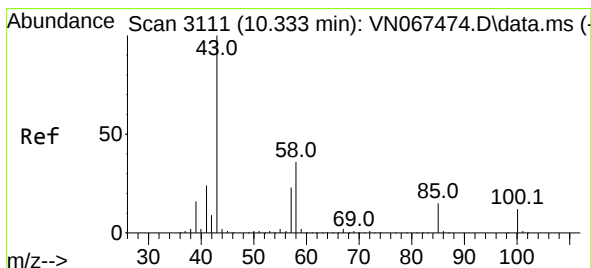
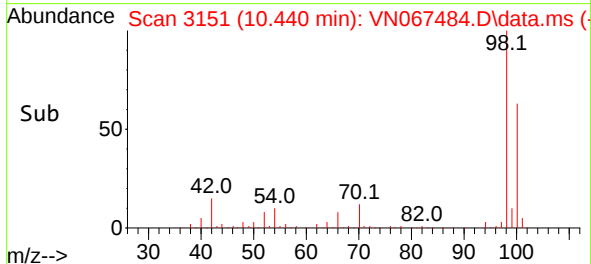
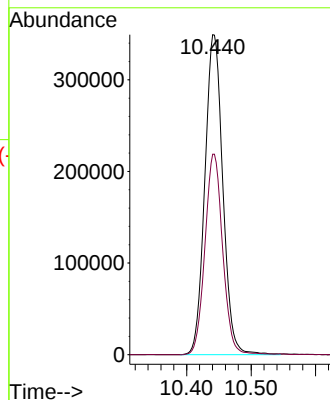
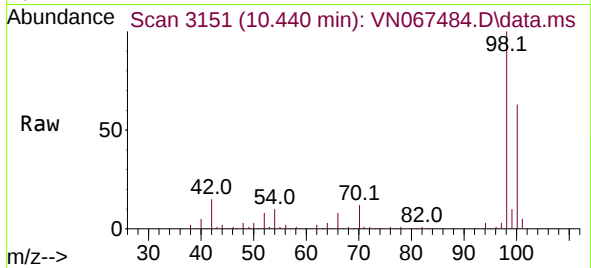




#50
Toluene-d8
Concen: 52.10 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

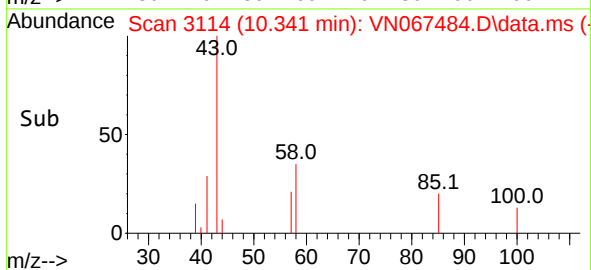
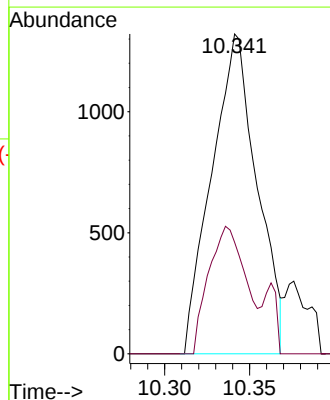
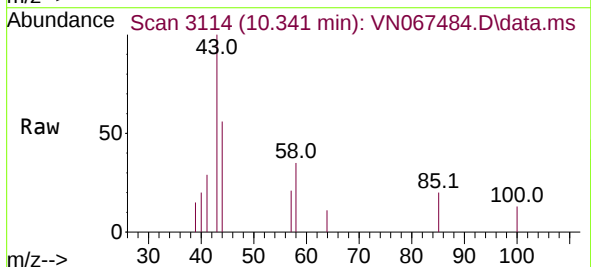
Instrument :
MSVOA_N
ClientSampled :

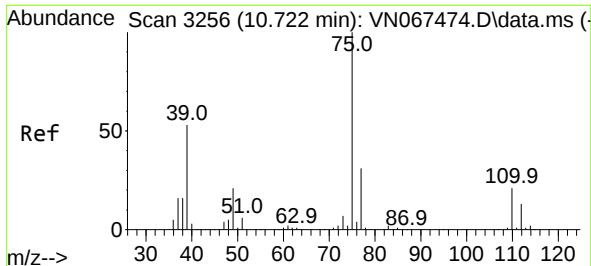
Tgt Ion: 98 Resp: 676186
Ion Ratio Lower Upper
98 100
100 61.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 10.341 min Scan# 3114
Delta R.T. 0.008 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
58 32.4 28.6 43.0

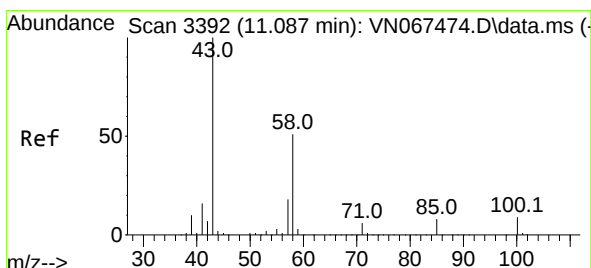
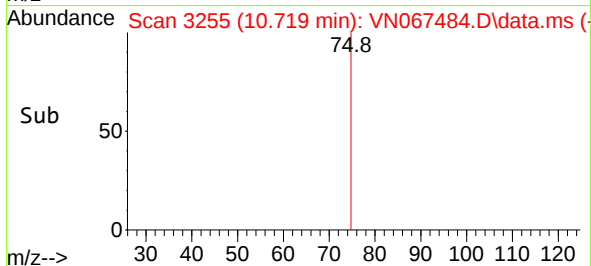
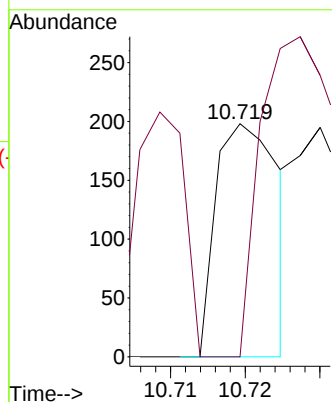
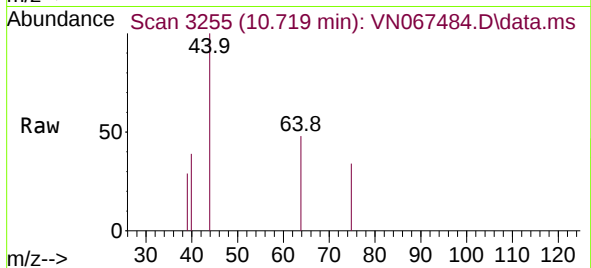




#53
t-1,3-Dichloropropene
Concen: 2.02 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

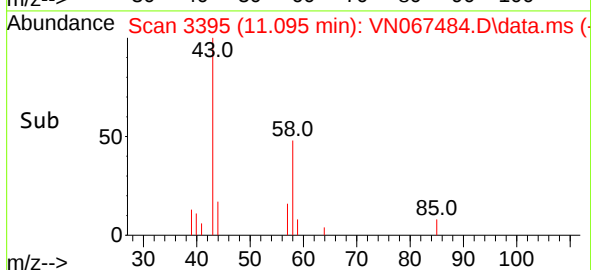
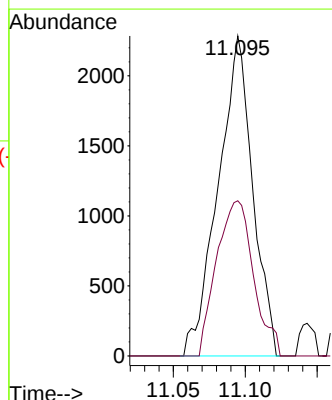
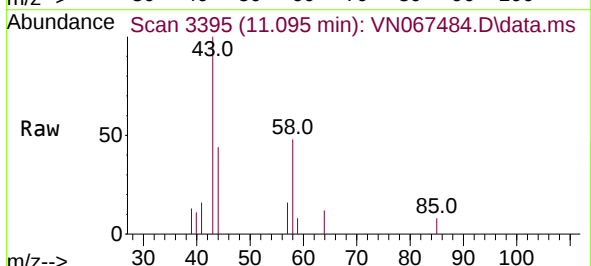
Instrument :
MSVOA_N
ClientSampled :

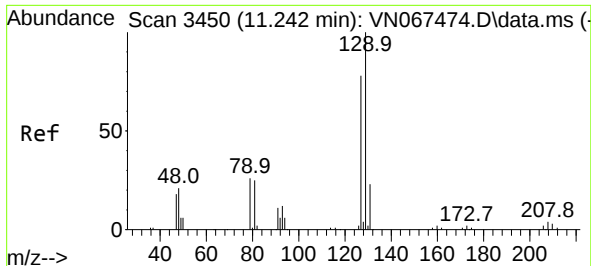
Tgt Ion: 75 Resp: 115
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#59
2-Hexanone
Concen: 0.91 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
58 52.0 24.7 74.1

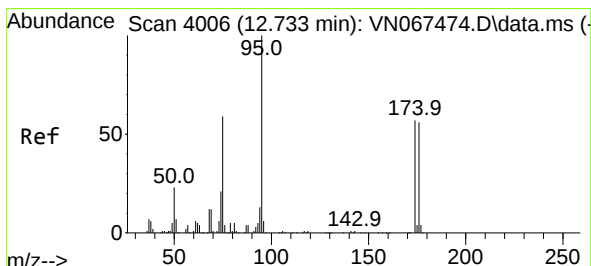
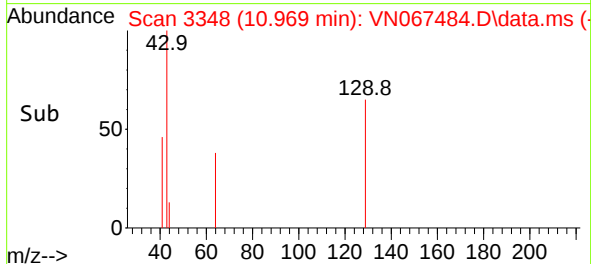
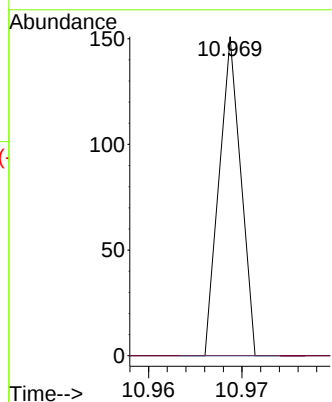
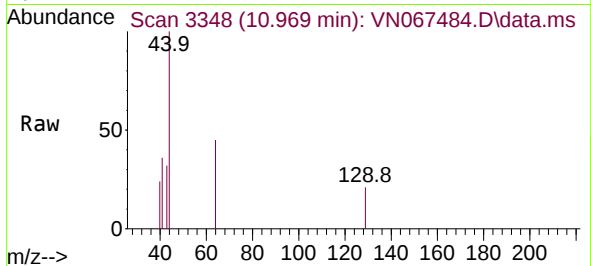




#60
Dibromochloromethane
Concen: 2.04 ug/l
RT: 10.969 min Scan# 3348
Delta R.T. -0.273 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

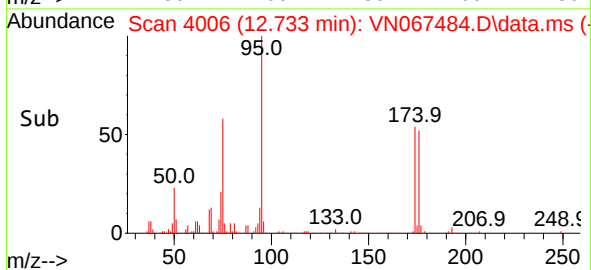
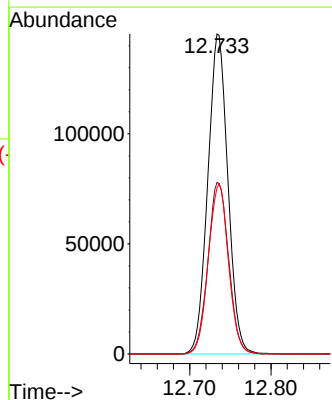
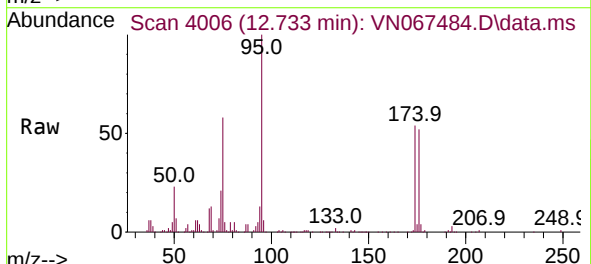
Instrument :
MSVOA_N
ClientSampled :

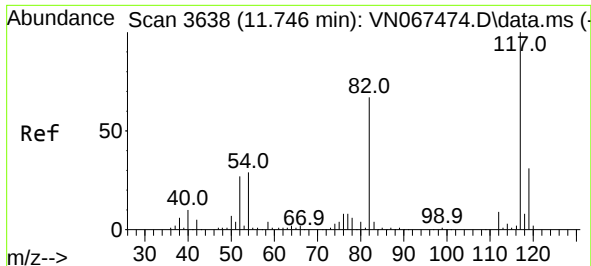
Tgt Ion:129 Resp: 24
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 53.92 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 95 Resp: 249289
Ion Ratio Lower Upper
95 100
174 55.2 0.0 122.0
176 53.3 0.0 117.6

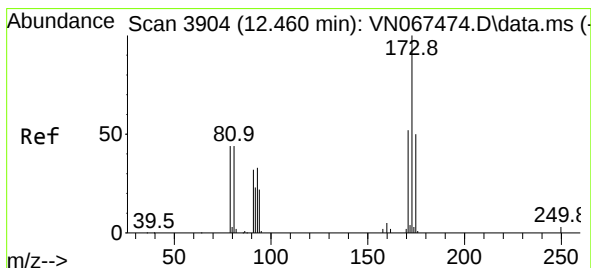
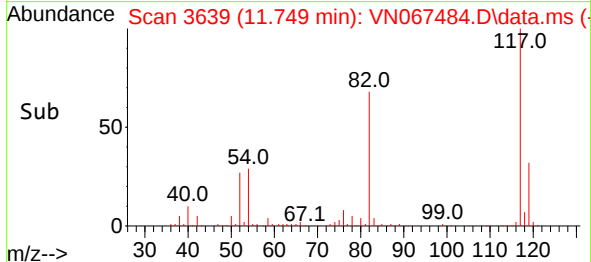
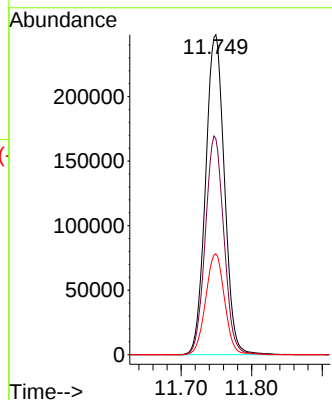
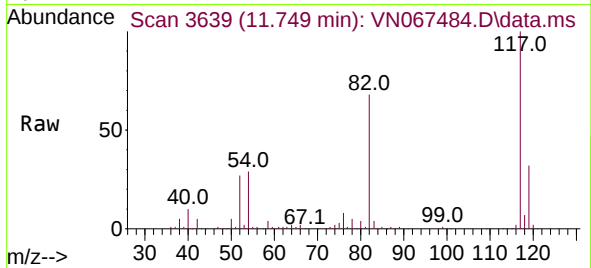




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

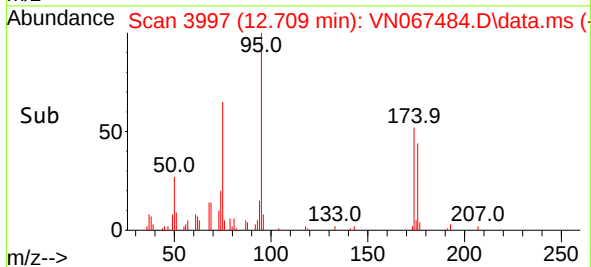
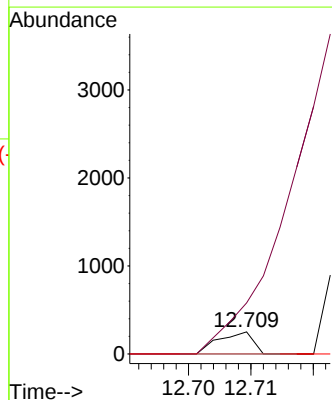
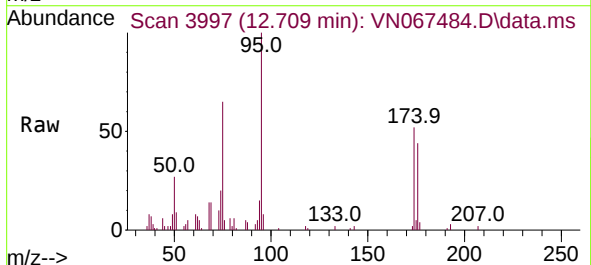
Instrument :
MSVOA_N
ClientSampleId :

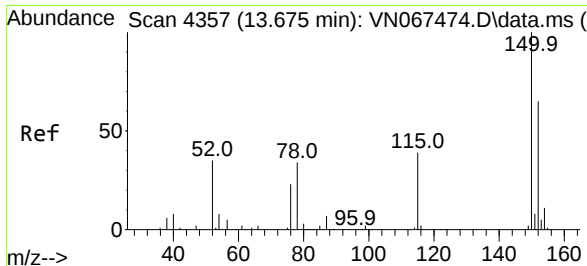
Tgt Ion:117 Resp: 460952
Ion Ratio Lower Upper
117 100
82 67.5 53.1 79.7
119 31.6 25.5 38.3



#71
Bromoform
Concen: 2.69 ug/l
RT: 12.709 min Scan# 3997
Delta R.T. 0.249 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion:173 Resp: 96
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

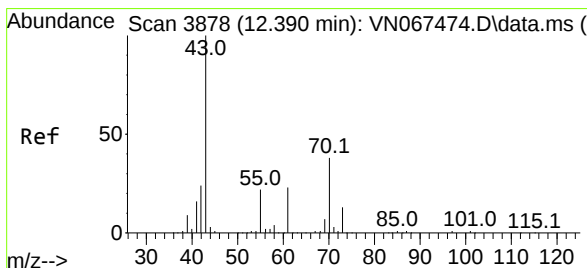
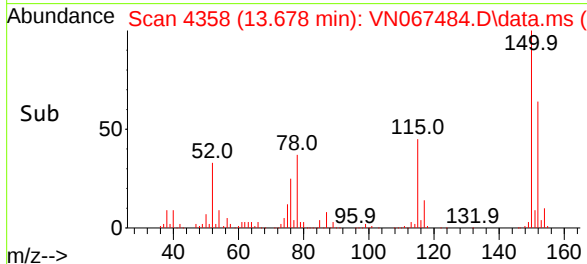
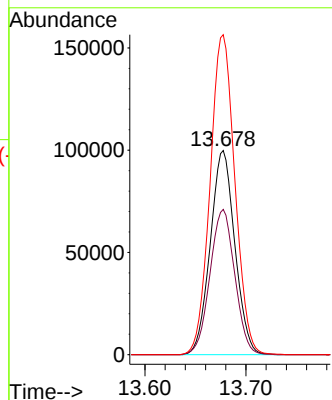
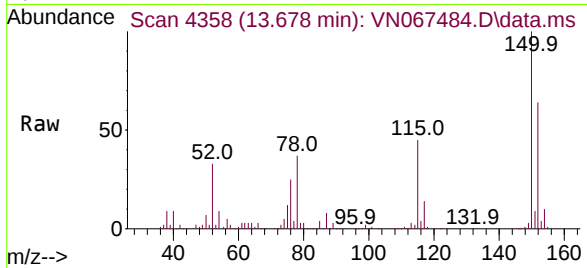




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

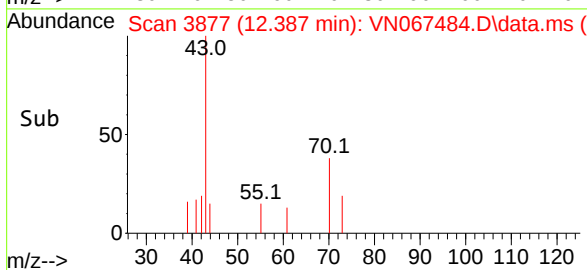
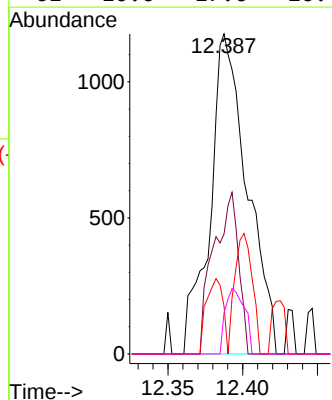
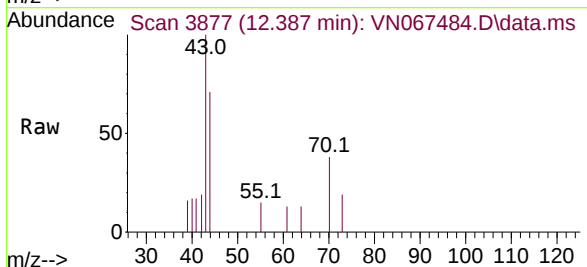
Instrument :
MSVOA_N
ClientSampled :

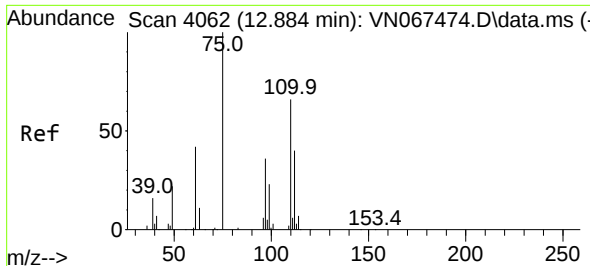
Tgt Ion:152 Resp: 168757
Ion Ratio Lower Upper
152 100
115 71.8 36.1 108.5
150 158.0 0.0 351.8



#74
N-amy1 acetate
Concen: 0.25 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.003 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
70 33.7 29.4 44.2
55 10.5 17.0 25.4#
61 10.6 17.6 26.4#

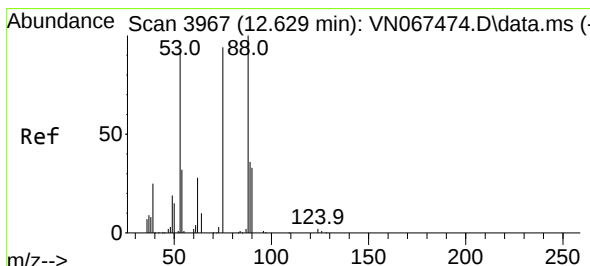
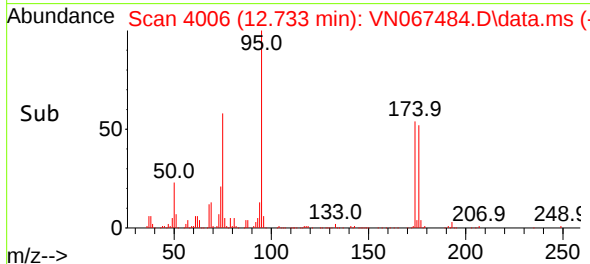
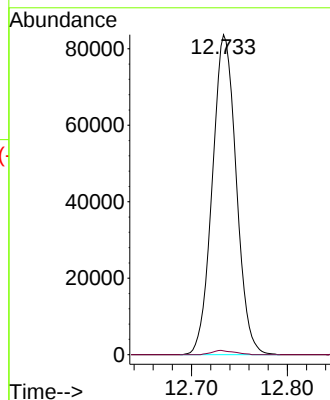
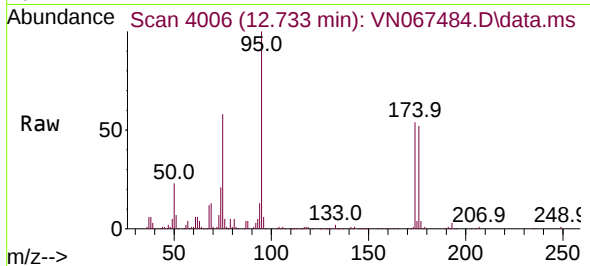




#76
1,2,3-Trichloropropane
Concen: 29.16 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

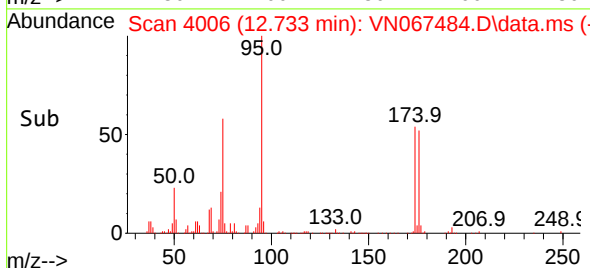
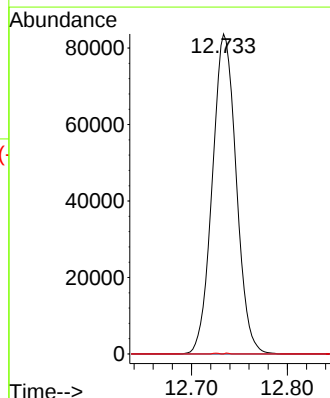
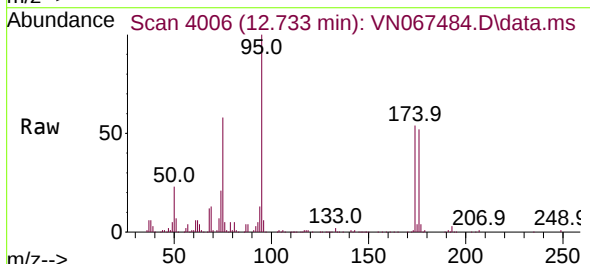
Instrument :
MSVOA_N
ClientSampled :

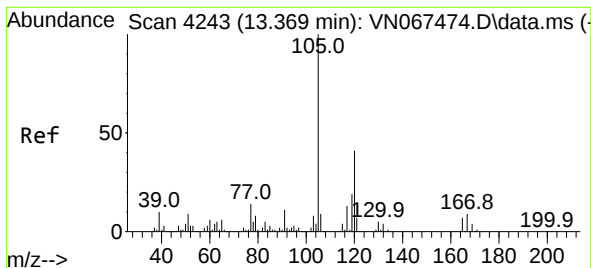
Tgt Ion: 75 Resp: 144838
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.79 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

Tgt Ion: 75 Resp: 144838
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.21 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN067484.D

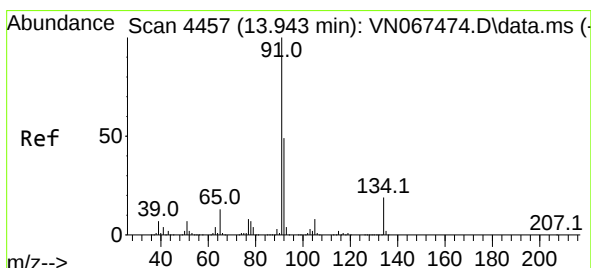
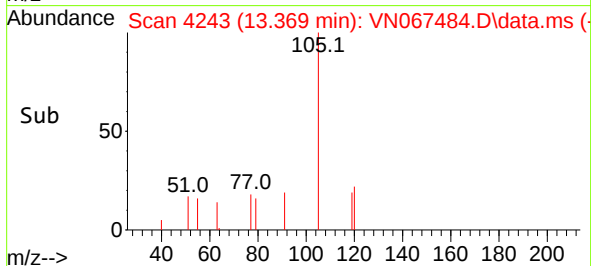
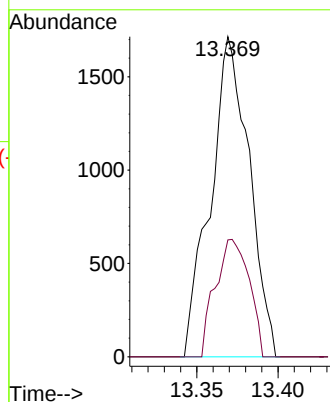
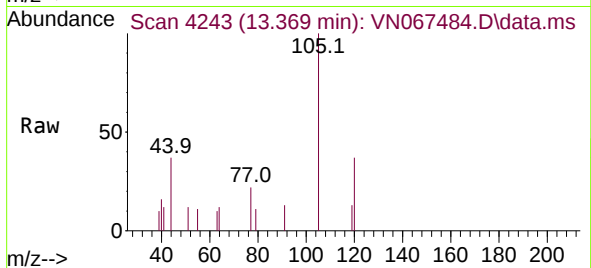
Acq: 24 Jun 2021 15:42

Tgt Ion:105 Resp: 2833

Ion Ratio Lower Upper

105 100

120 32.1 20.6 61.8



#89

n-Butylbenzene

Concen: 0.30 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN067484.D

Acq: 24 Jun 2021 15:42

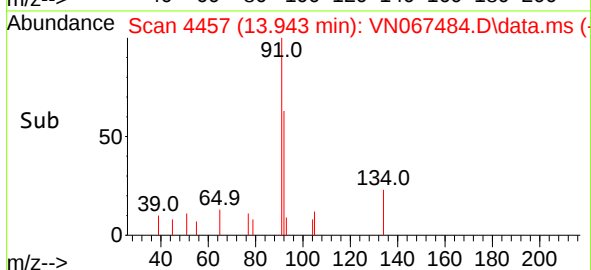
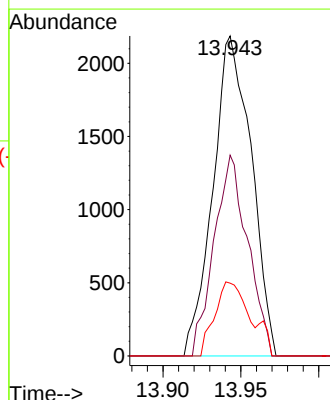
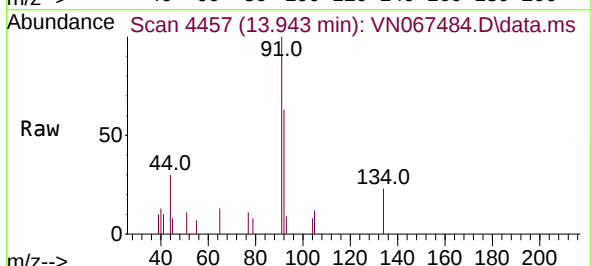
Tgt Ion: 91 Resp: 3746

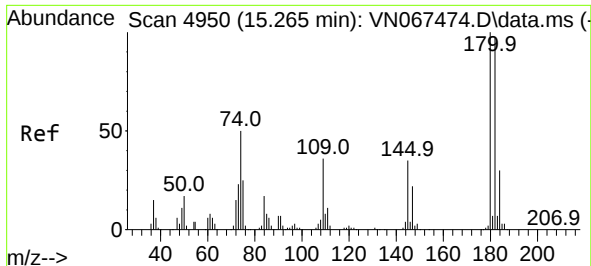
Ion Ratio Lower Upper

91 100

92 54.9 25.7 77.1

134 18.9 11.2 33.6

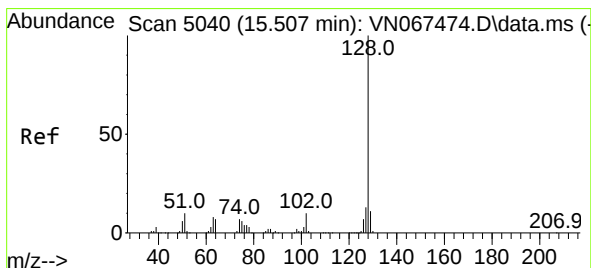
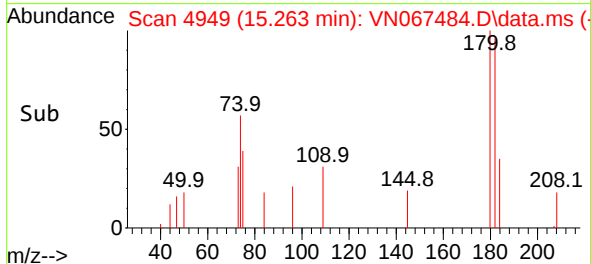
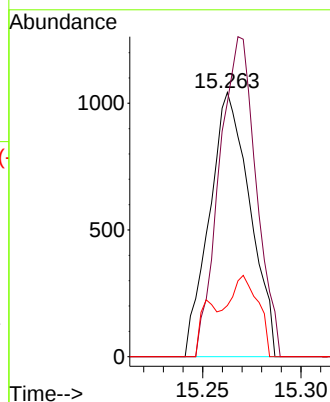
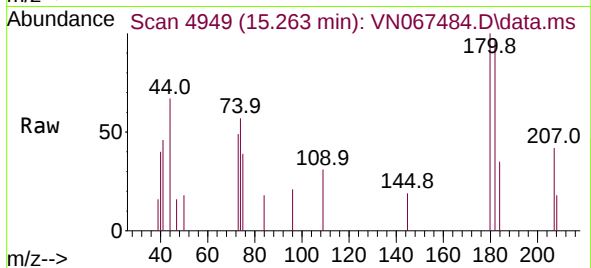




#93
1,2,4-Trichlorobenzene
Concen: 2.83 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

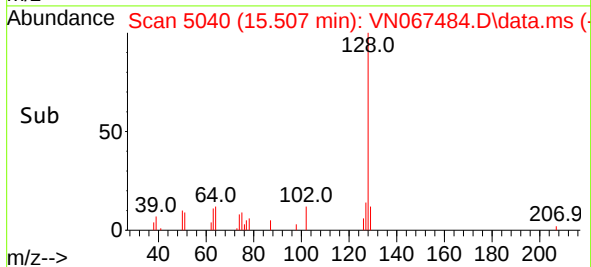
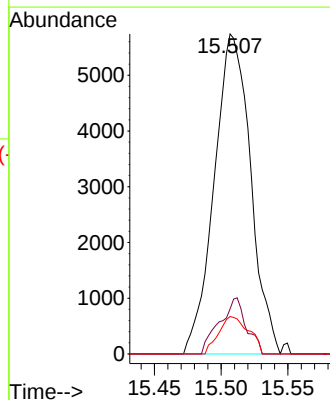
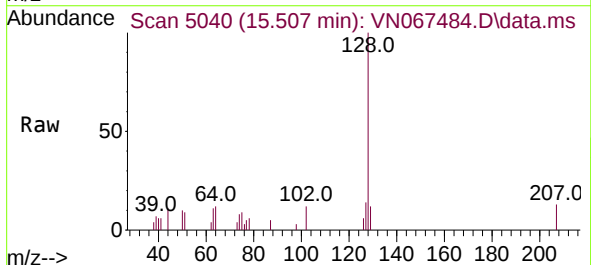
Instrument :
MSVOA_N
ClientSampled :

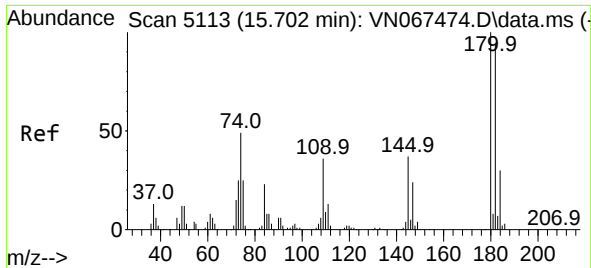
Tgt Ion:180 Resp: 1491
Ion Ratio Lower Upper
180 100
182 109.8 47.5 142.5
145 21.2 17.2 51.6



#95
Naphthalene
Concen: 4.41 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067484.D
Acq: 24 Jun 2021 15:42

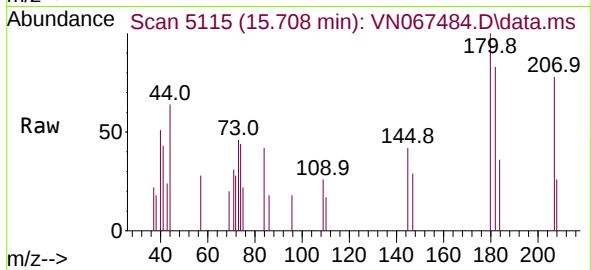
Tgt Ion:128 Resp: 10871
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 9.6 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.13 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN067484.D
 Acq: 24 Jun 2021 15:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	1732
Ion	Ratio	Lower Upper
180	100	
182	94.9	47.8 143.3
145	6.1	18.2 54.6#

