

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067490.D
 Acq On : 24 Jun 2021 18:07
 Operator : JC/MD
 Sample : M2804-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP08-20210621

Quant Time: Jun 25 02:15:37 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)

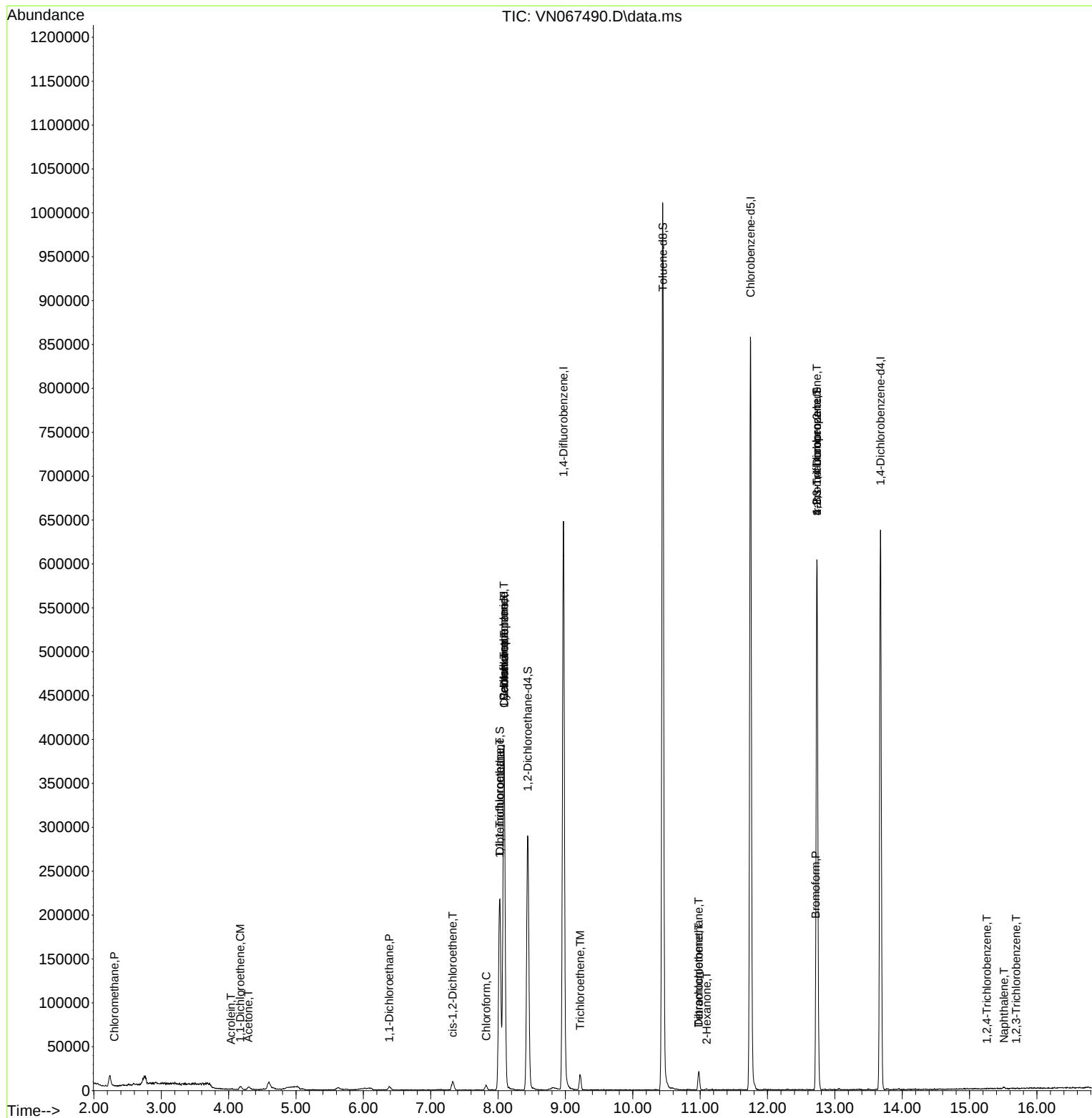
Internal Standards						
1) Pentafluorobenzene	8.088	168	241244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	518095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	449426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	142522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	244514	49.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.04%		
35) Dibromofluoromethane	8.027	113	157038	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.40%		
50) Toluene-d8	10.446	98	685173	50.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.66%		
62) 4-Bromofluorobenzene	12.733	95	225869	46.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.14%		
Target Compounds						Qvalue
3) Chloromethane	2.303	50	1021	0.23	ug/l #	43
12) 1,1-Dichloroethene	4.173	96	992	0.30	ug/l #	77
13) Acrolein	4.036	56	474	0.69	ug/l #	51
16) Acetone	4.293	43	3020	1.60	ug/l	99
24) 1,1-Dichloroethane	6.383	63	5952	0.77	ug/l #	88
27) cis-1,2-Dichloroethene	7.327	96	5638	1.34	ug/l	81
30) Chloroform	7.823	83	5105	0.69	ug/l	96
31) Cyclohexane	8.091	56	9552	1.21	ug/l #	23
32) 1,1,1-Trichloroethane	8.021	97	2533	0.41	ug/l #	49
36) 1,1-Dichloropropene	8.091	75	30172	5.17	ug/l #	49
38) Carbon Tetrachloride	8.088	117	30994	6.24	ug/l #	16
44) Trichloroethene	9.217	130	5268	1.56	ug/l	98
59) 2-Hexanone	11.097	43	888	0.20	ug/l #	56
60) Dibromochloromethane	10.979	129	4607	3.16	ug/l #	11
64) Tetrachloroethene	10.979	164	3755	1.28	ug/l	90
71) Bromoform	12.715	173	67	2.68	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	132320	31.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	132320	86.32	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.257	180	53	2.35	ug/l #	68
95) Naphthalene	15.512	128	1678	3.53	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.692	180	164	2.59	ug/l #	65

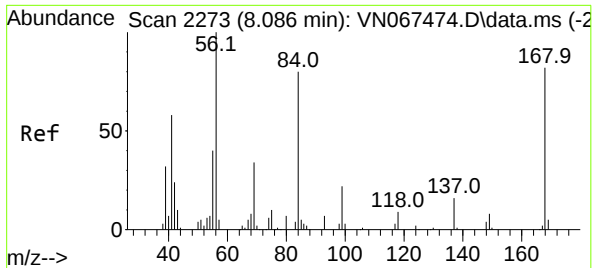
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

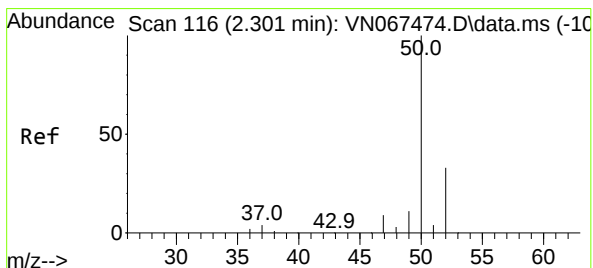
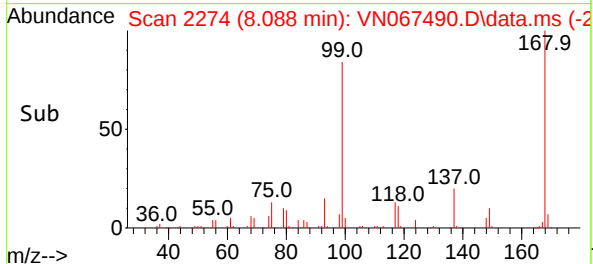
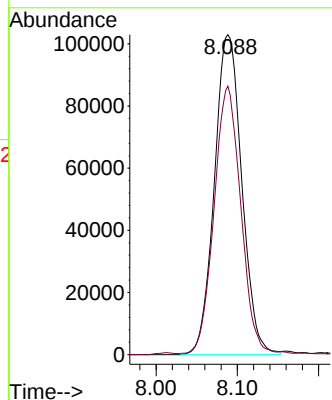
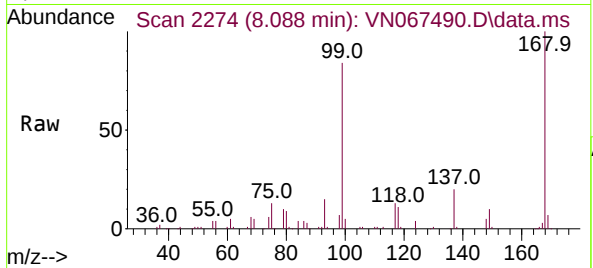




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

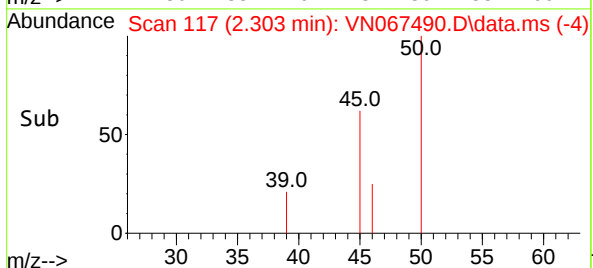
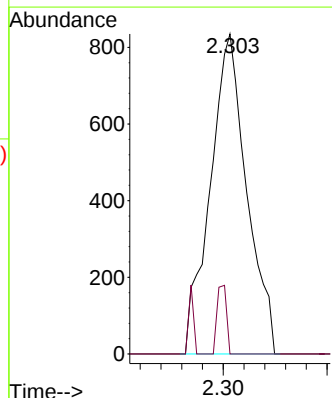
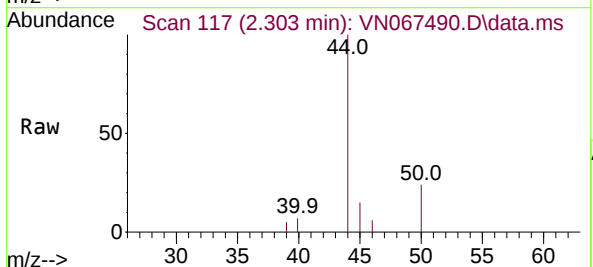
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621

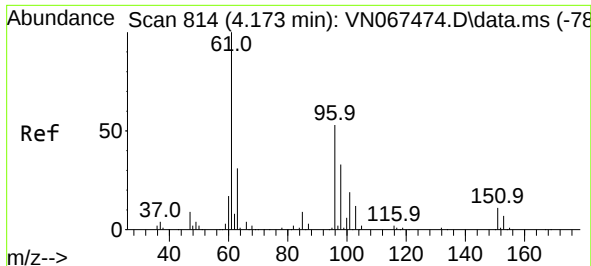
Tgt Ion:168 Resp: 241244
Ion Ratio Lower Upper
168 100
99 83.5 62.9 94.3



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion: 50 Resp: 1021
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#





#12

1,1-Dichloroethene

Concen: 0.30 ug/l

RT: 4.173 min Scan# 814

Delta R.T. -0.000 min

Lab File: VN067490.D

Acq: 24 Jun 2021 18:07

Tgt Ion: 96 Resp: 992

Ion Ratio Lower Upper

96 100

61 156.4 152.6 229.0

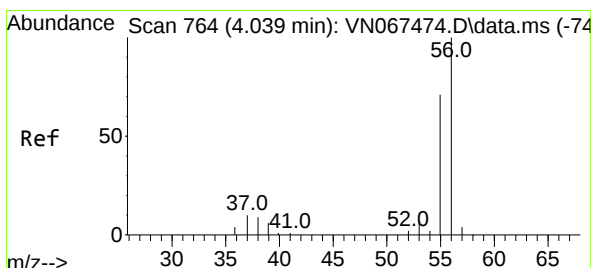
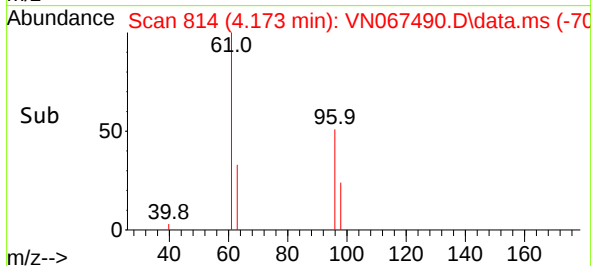
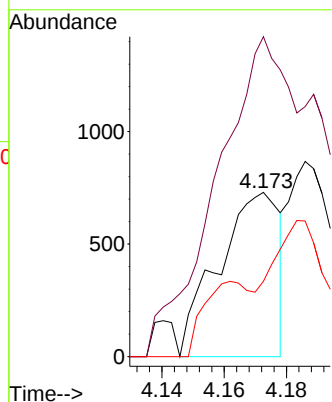
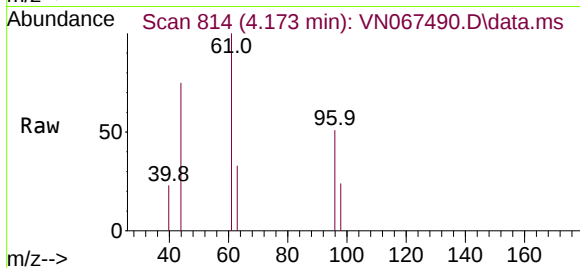
98 45.9 50.9 76.3#

Instrument :

MSVOA_N

ClientSampleId :

DUP08-20210621



#13

Acrolein

Concen: 0.69 ug/l

RT: 4.036 min Scan# 763

Delta R.T. -0.003 min

Lab File: VN067490.D

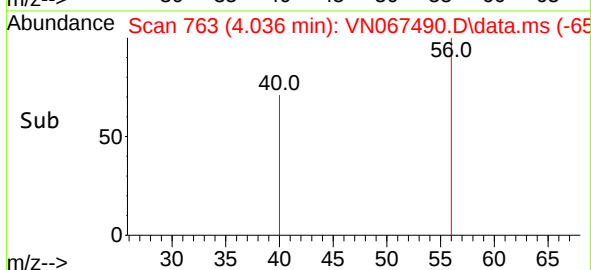
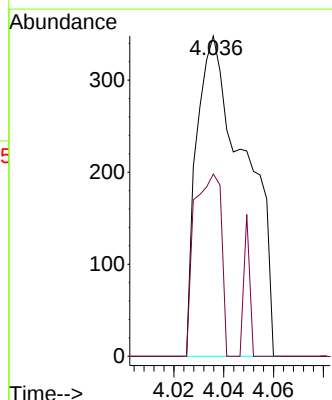
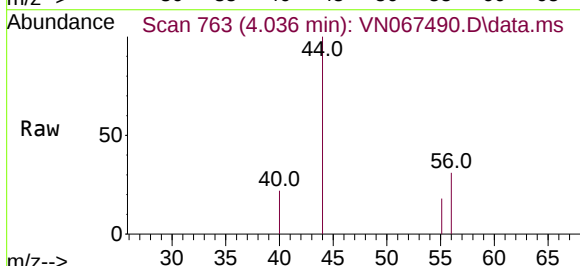
Acq: 24 Jun 2021 18:07

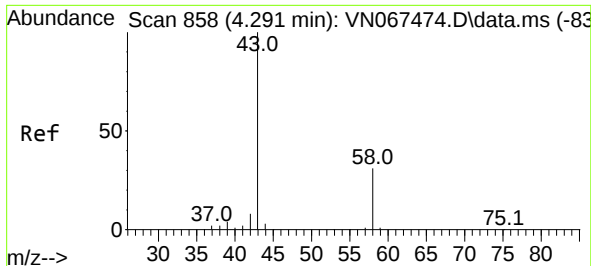
Tgt Ion: 56 Resp: 474

Ion Ratio Lower Upper

56 100

55 31.0 57.4 86.0#

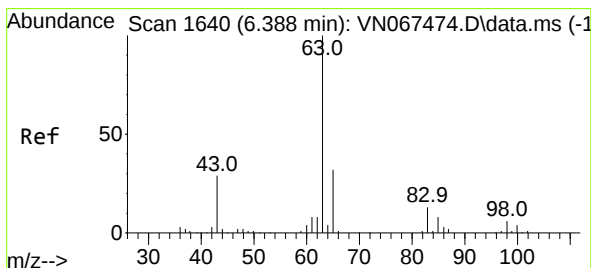
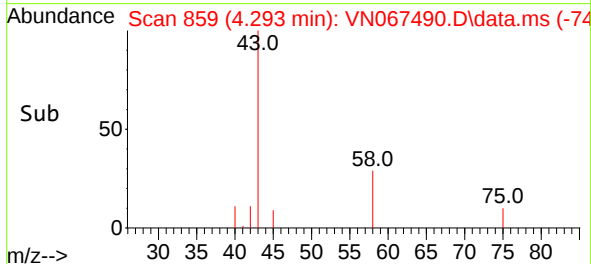
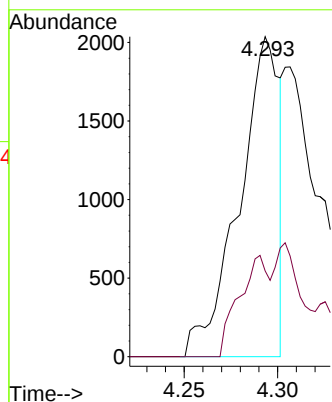
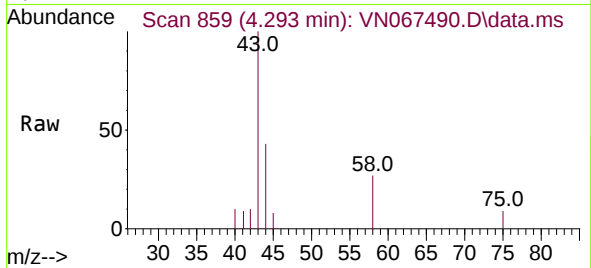




#16
Acetone
Concen: 1.60 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

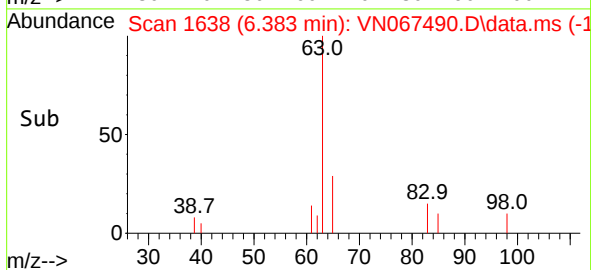
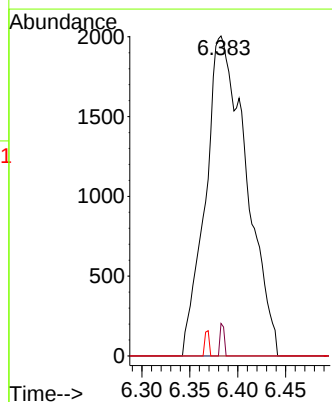
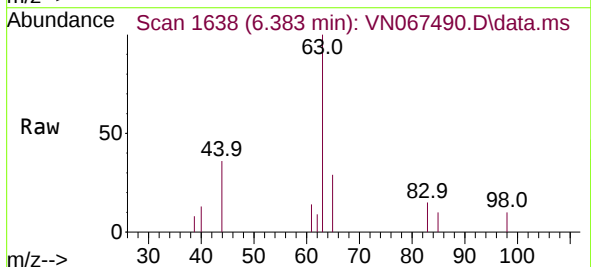
Instrument :
MSVOA_N
ClientSampled :
DUP08-20210621

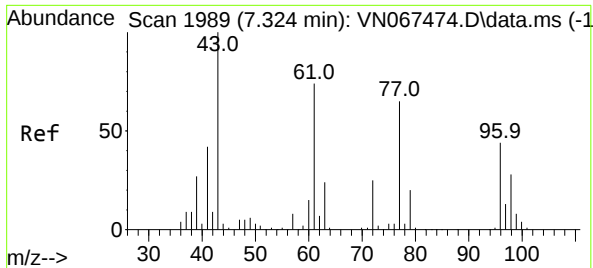
Tgt Ion: 43 Resp: 3020
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8



#24
1,1-Dichloroethane
Concen: 0.77 ug/l
RT: 6.383 min Scan# 1638
Delta R.T. -0.005 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion: 63 Resp: 5952
Ion Ratio Lower Upper
63 100
98 10.2 3.0 9.0#
100 0.0 1.9 5.7#

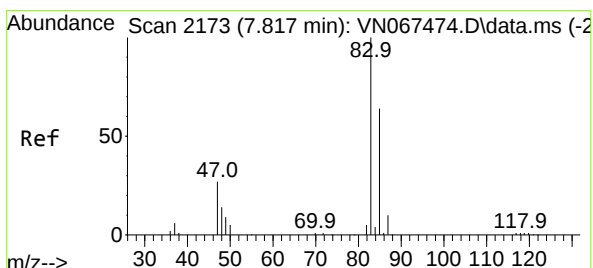
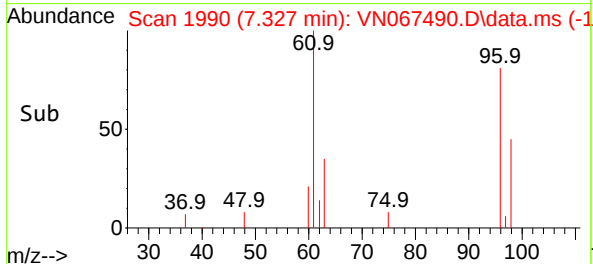
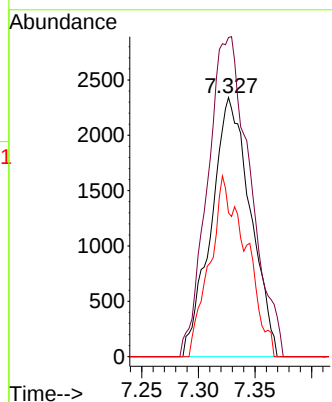
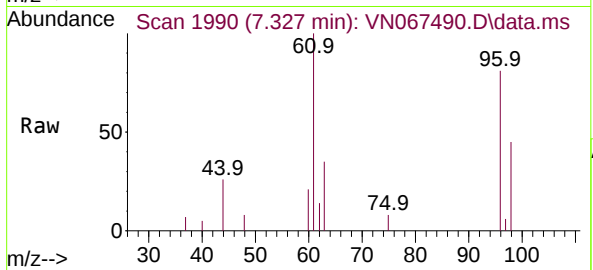




#27
cis-1,2-Dichloroethene
Concen: 1.34 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

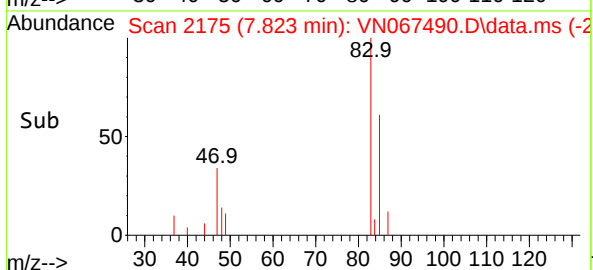
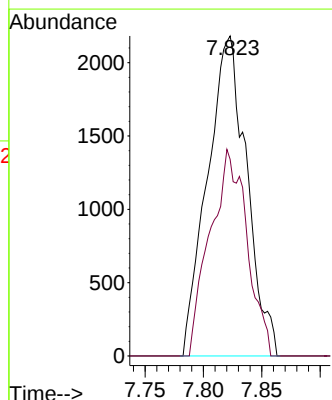
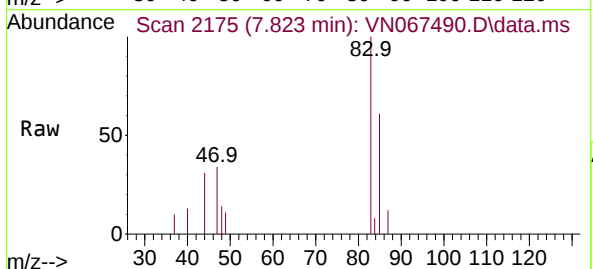
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621

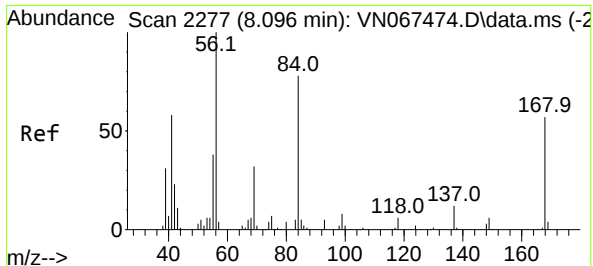
Tgt Ion: 96	Resp: 5638
Ion Ratio	Lower Upper
96 100	
61 134.0	0.0 338.8
98 64.3	0.0 129.8



#30
Chloroform
Concen: 0.69 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.006 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion: 83	Resp: 5105
Ion Ratio	Lower Upper
83 100	
85 61.5	51.5 77.3

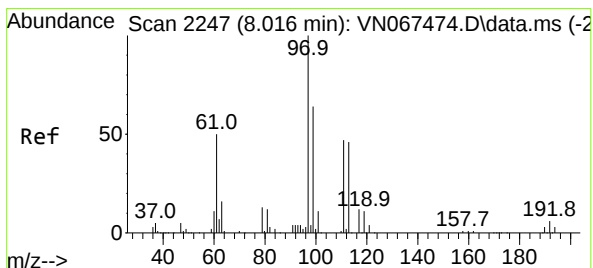
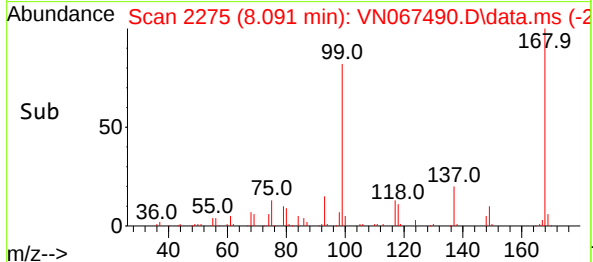
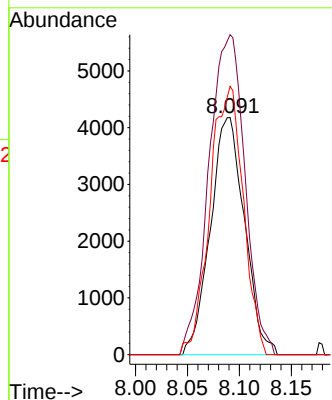
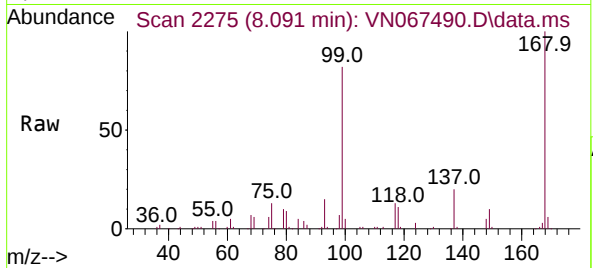




#31
Cyclohexane
Concen: 1.21 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

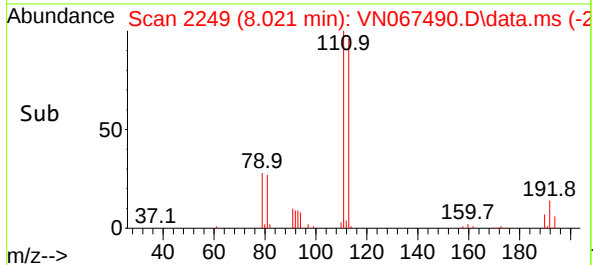
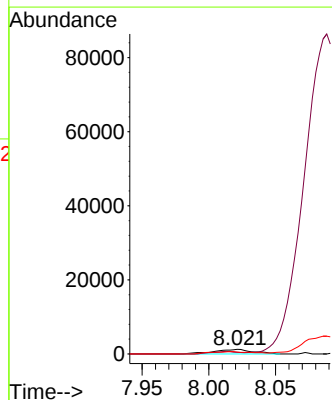
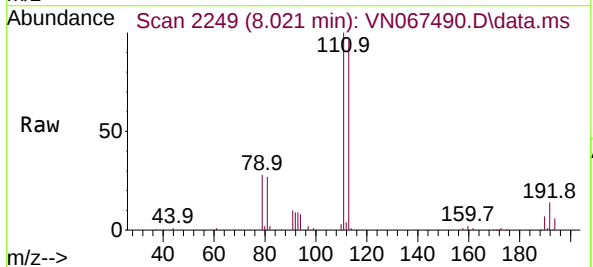
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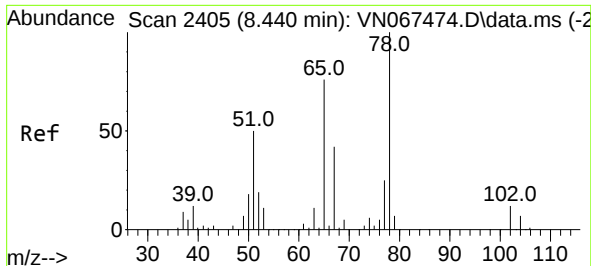
Tgt Ion: 56 Resp: 9552
Ion Ratio Lower Upper
56 100
69 134.9 27.3 40.9#
84 113.2 64.9 97.3#



#32
1,1,1-Trichloroethane
Concen: 0.41 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.005 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion: 97 Resp: 2533
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 56.2 38.2 57.2

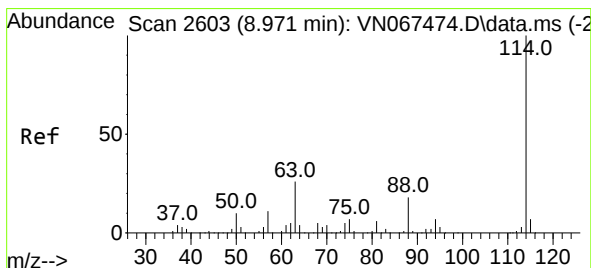
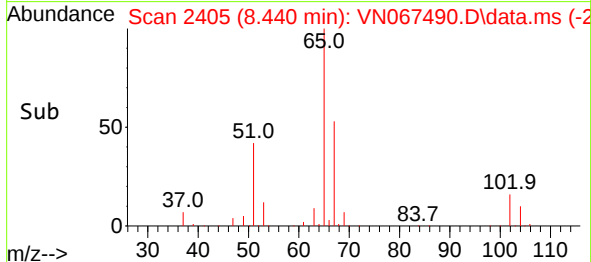
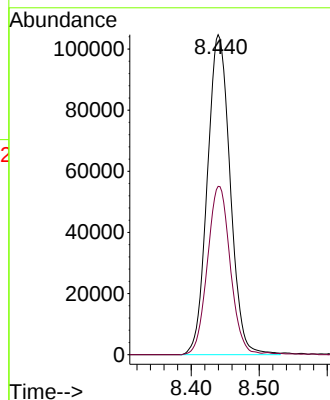
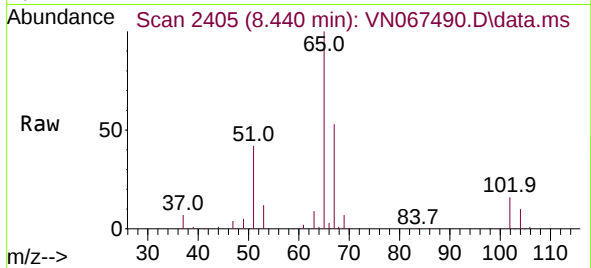




#33
 1,2-Dichloroethane-d4
 Concen: 49.52 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067490.D
 Acq: 24 Jun 2021 18:07

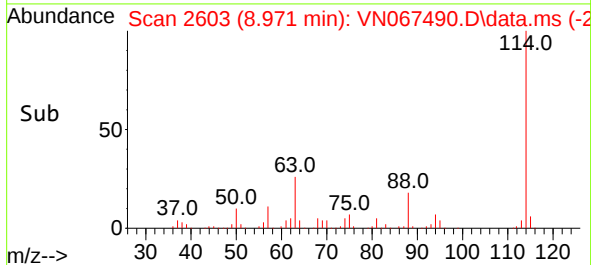
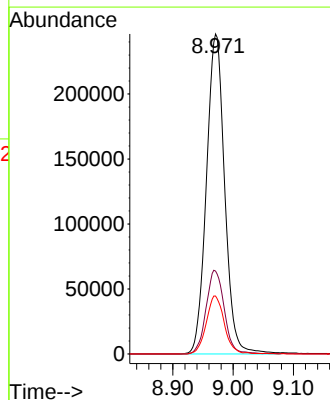
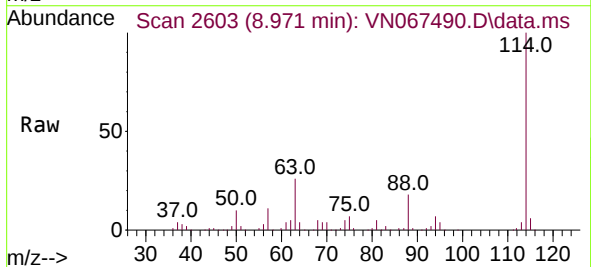
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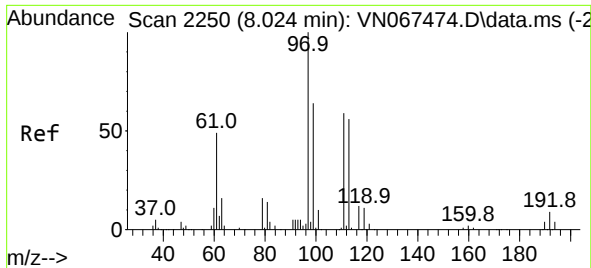
Tgt Ion: 65 Resp: 244514
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN067490.D
 Acq: 24 Jun 2021 18:07

Tgt Ion: 114 Resp: 518095
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.0
 88 18.1 0.0 36.6

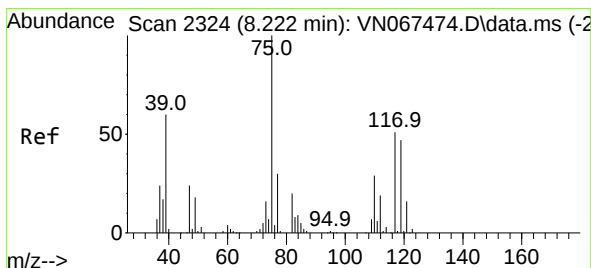
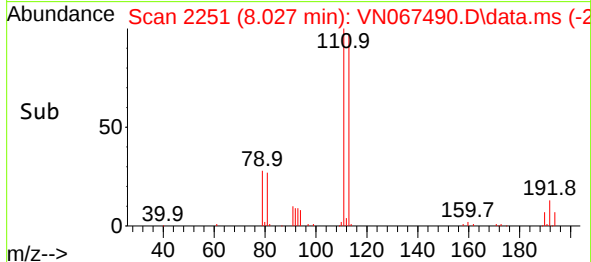
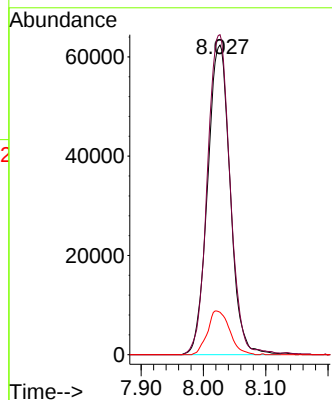
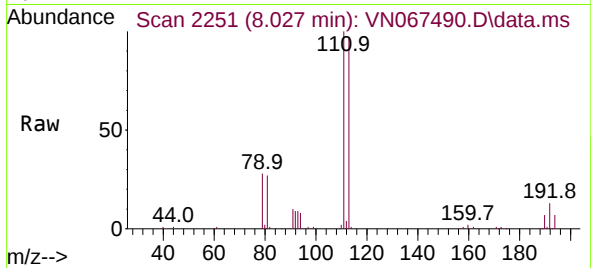




#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

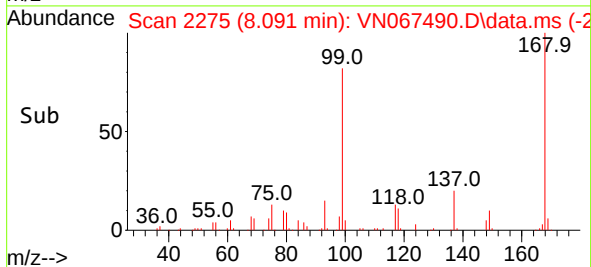
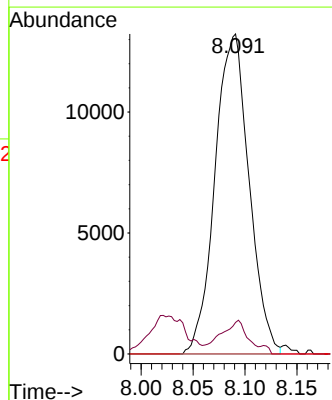
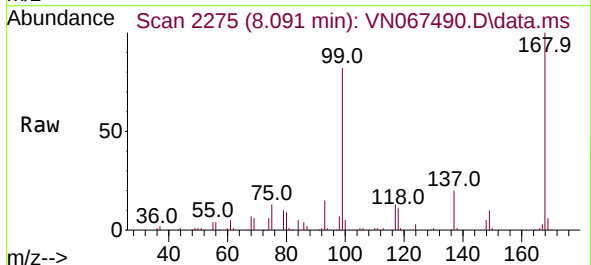
Instrument :
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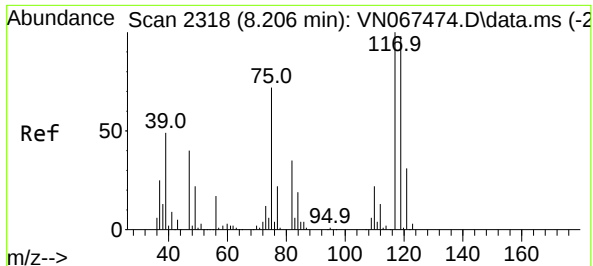
Tgt Ion:113 Resp: 157038
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 13.9 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

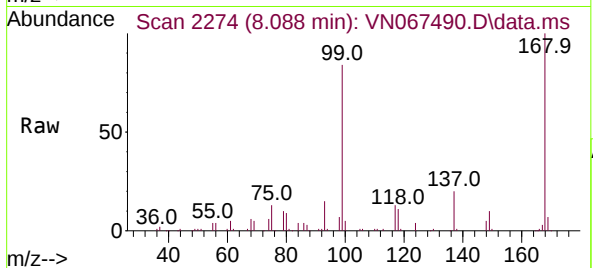
Tgt Ion: 75 Resp: 30172
Ion Ratio Lower Upper
75 100
110 5.7 15.7 47.0#
77 0.0 24.6 37.0#



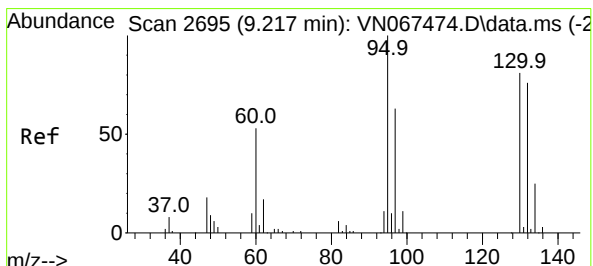
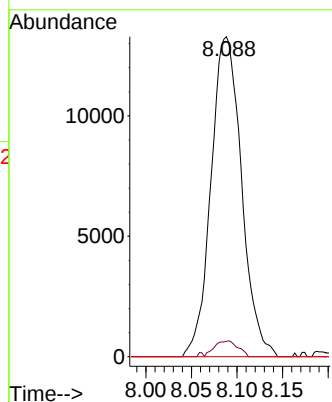
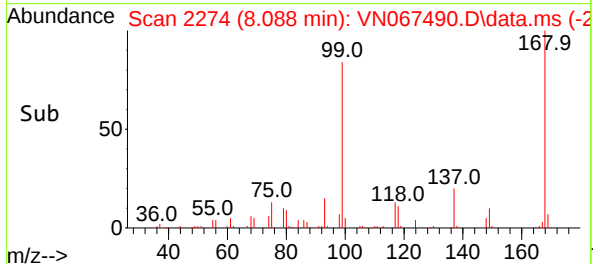


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

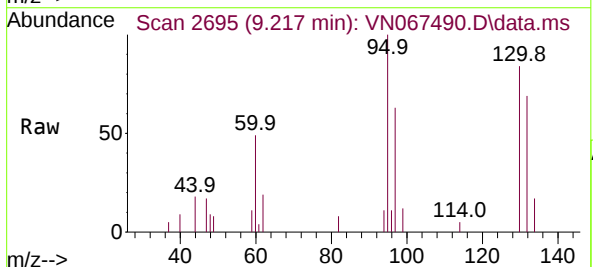
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621



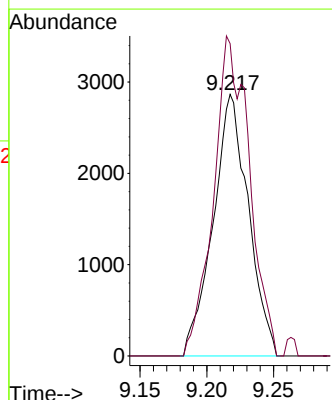
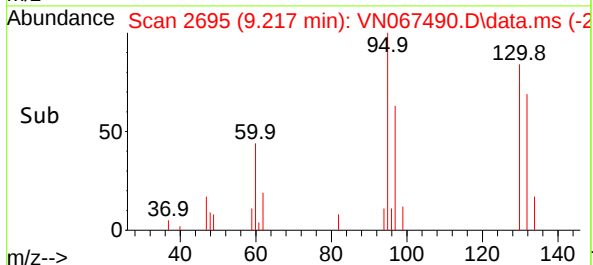
Tgt Ion:117 Resp: 30994
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#

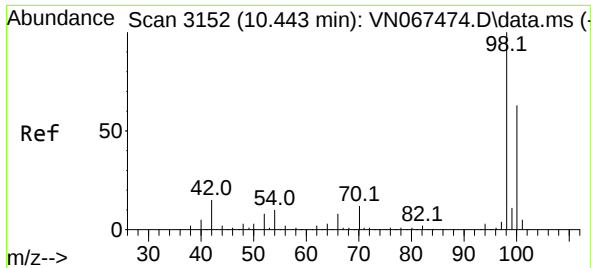


#44
Trichloroethene
Concen: 1.56 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07



Tgt Ion:130 Resp: 5268
Ion Ratio Lower Upper
130 100
95 119.4 0.0 234.4

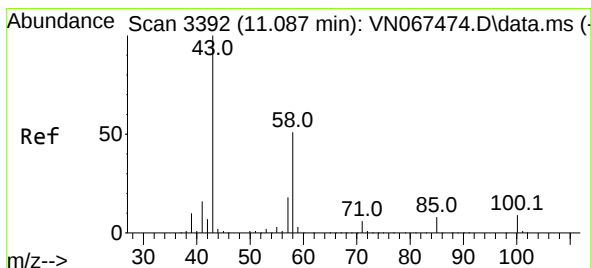
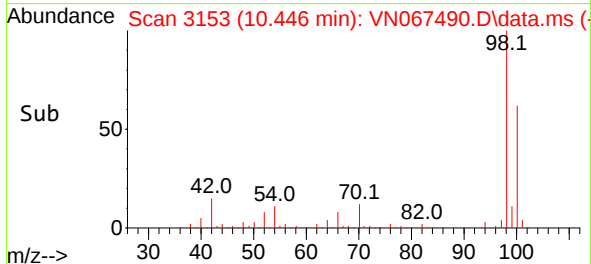
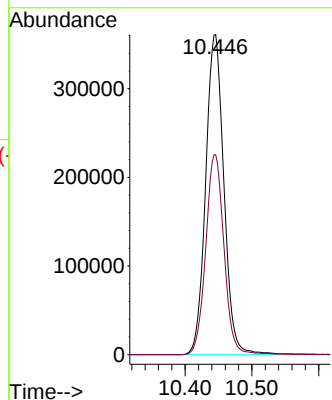
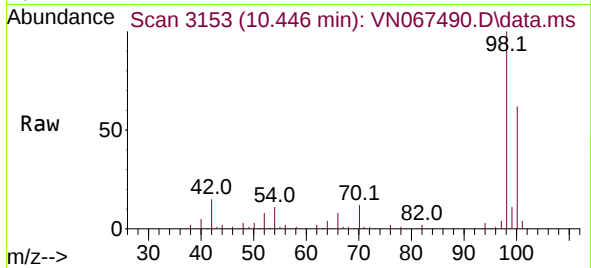




#50
Toluene-d8
Concen: 50.33 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

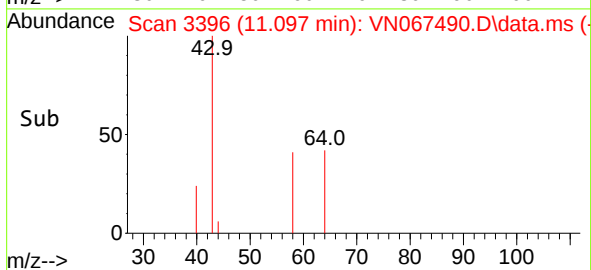
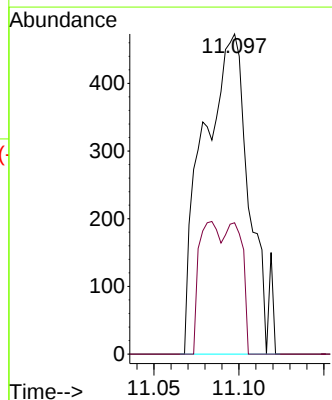
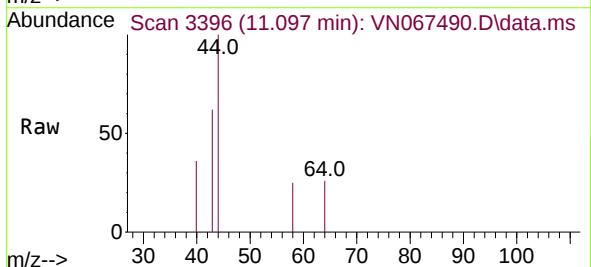
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621

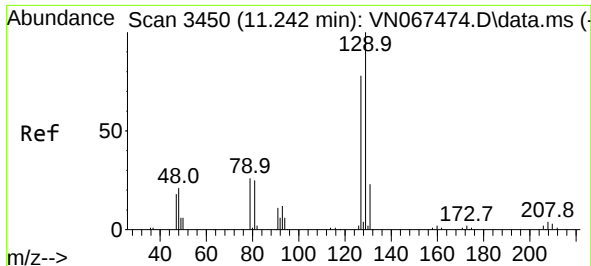
Tgt Ion: 98 Resp: 685173
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#59
2-Hexanone
Concen: 0.20 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 19.5 24.7 74.1#

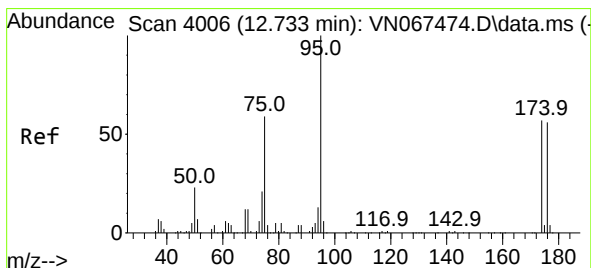
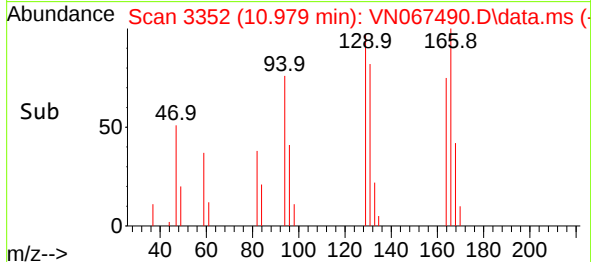
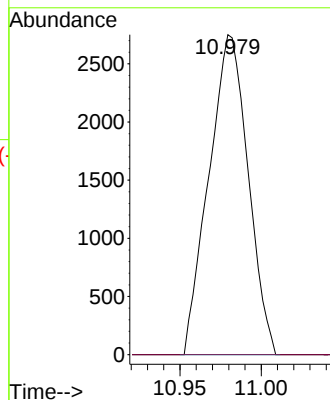
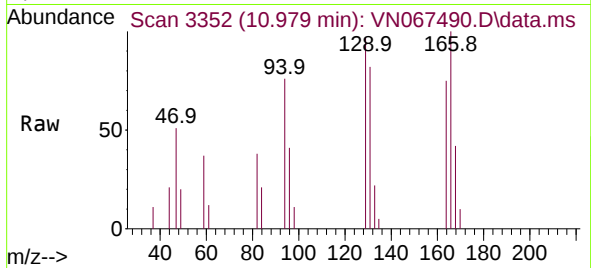




#60
Dibromochloromethane
Concen: 3.16 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.263 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

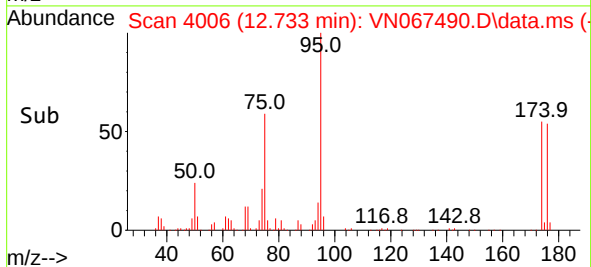
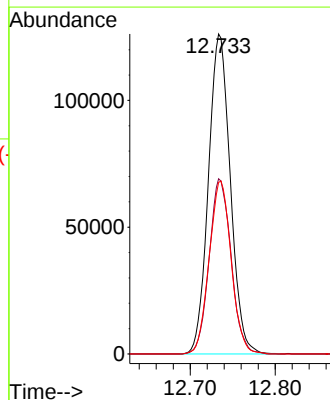
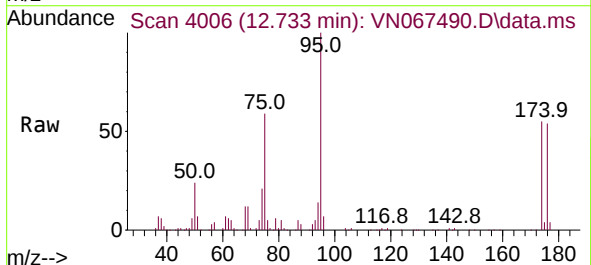
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621

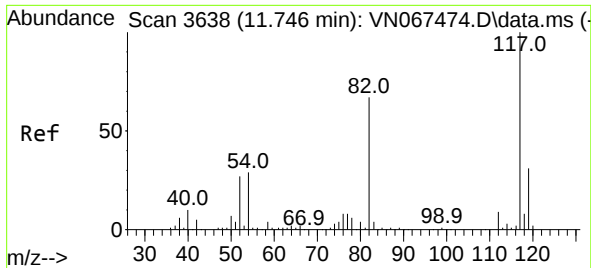
Tgt Ion:129 Resp: 4607
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 46.57 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion: 95 Resp: 225869
Ion Ratio Lower Upper
95 100
174 54.8 0.0 122.0
176 54.3 0.0 117.6

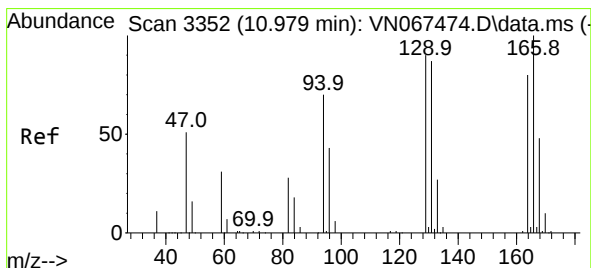
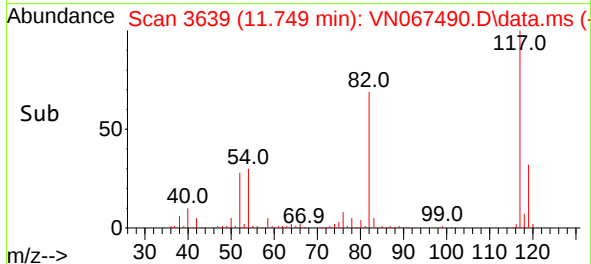
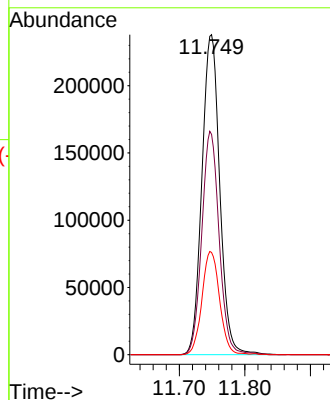
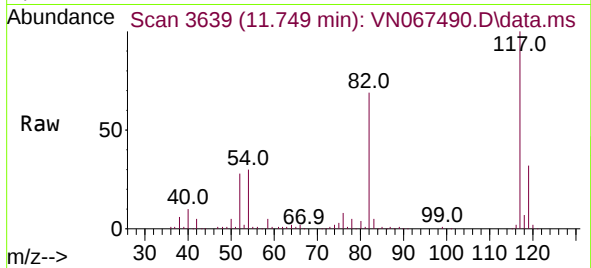




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

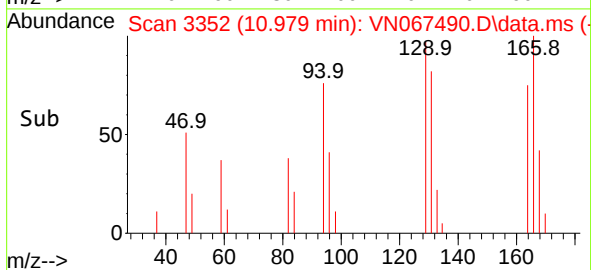
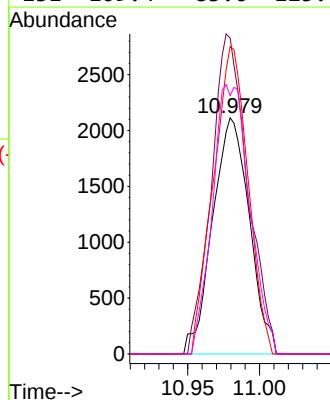
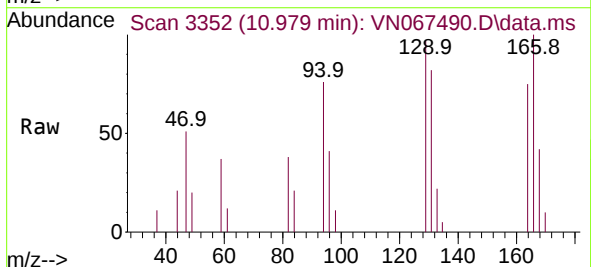
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621

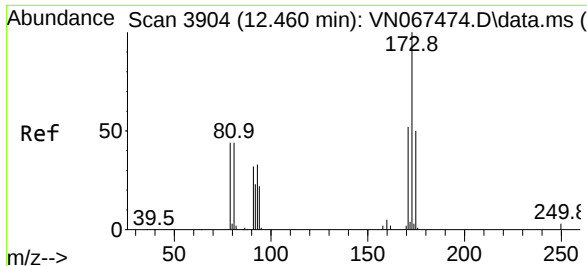
Tgt Ion:117 Resp: 449426
Ion Ratio Lower Upper
117 100
82 68.8 53.1 79.7
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 1.28 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion:164 Resp: 3755
Ion Ratio Lower Upper
164 100
166 133.8 102.1 153.1
129 130.2 86.9 130.3
131 109.4 83.6 125.4

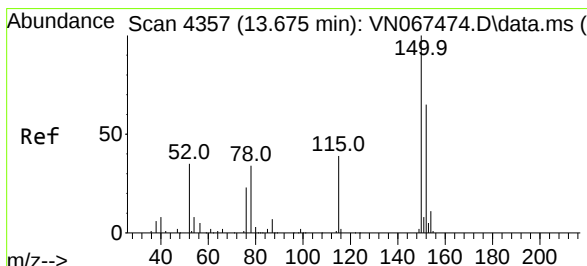
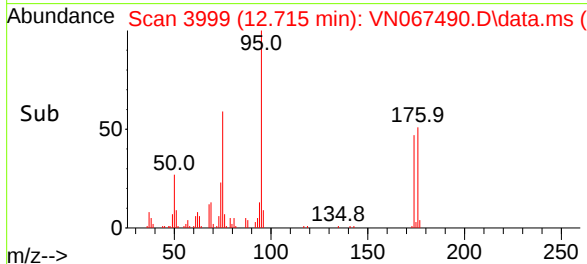
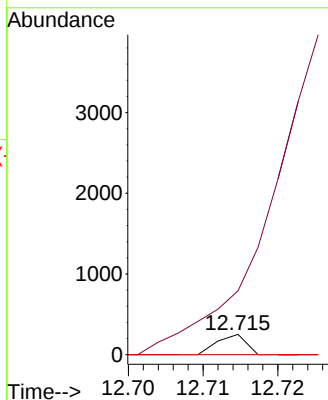
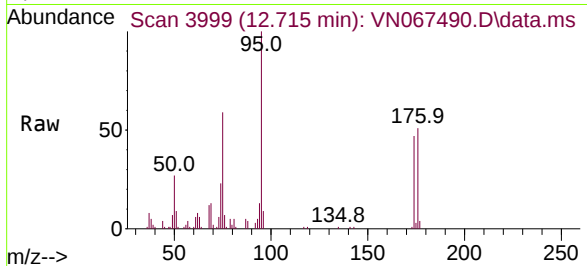




#71
Bromoform
Concen: 2.68 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

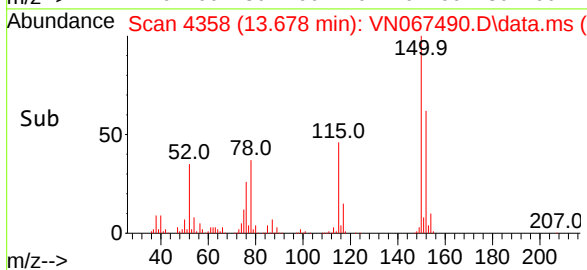
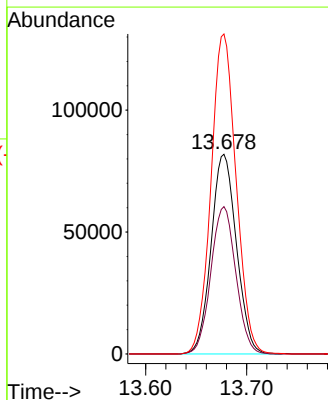
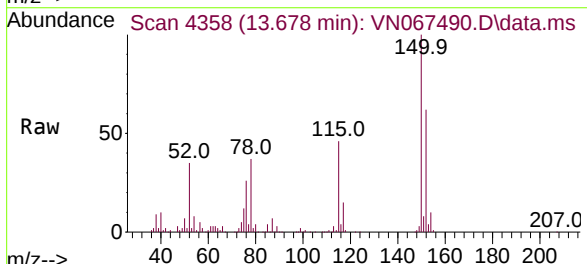
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621

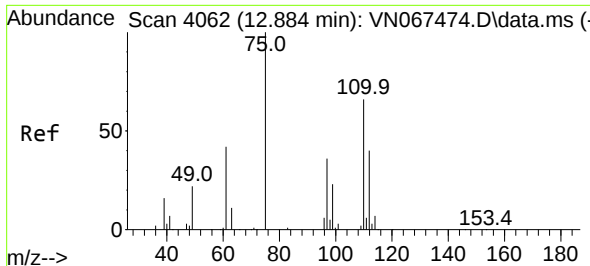
Tgt Ion:173 Resp: 67
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

Tgt Ion:152 Resp: 142522
Ion Ratio Lower Upper
152 100
115 72.7 36.1 108.5
150 158.8 0.0 351.8

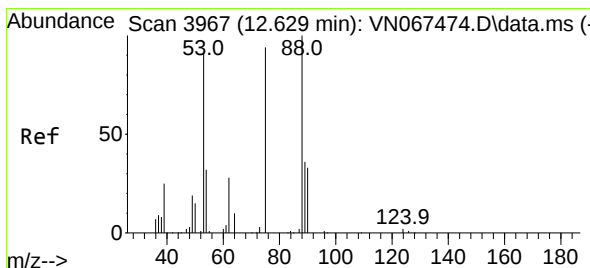
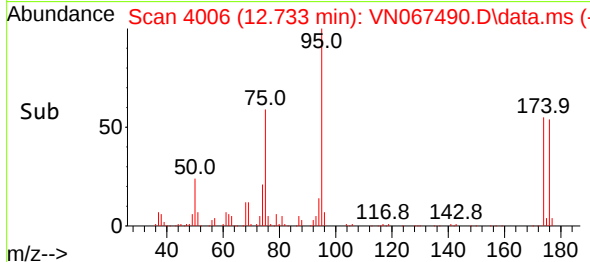
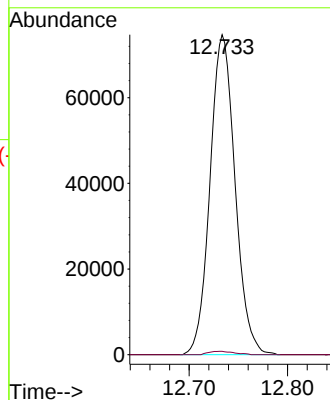
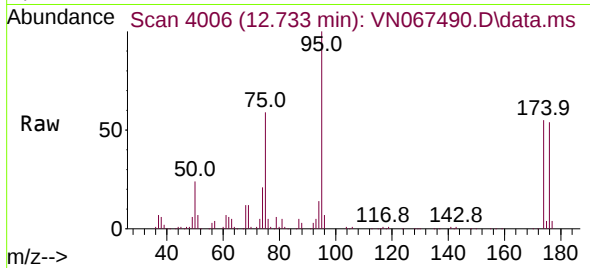




#76
1,2,3-Trichloropropane
Concen: 31.54 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

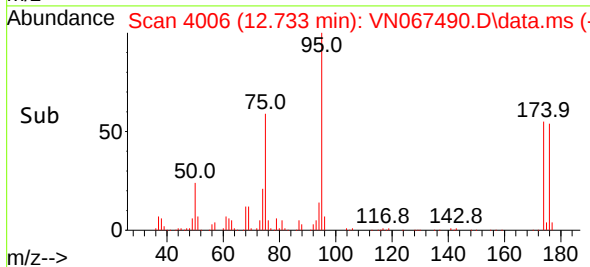
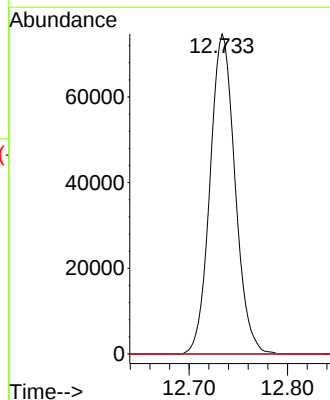
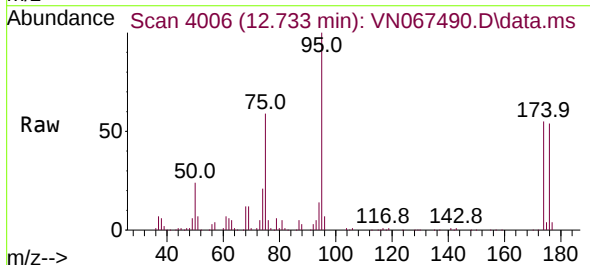
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621

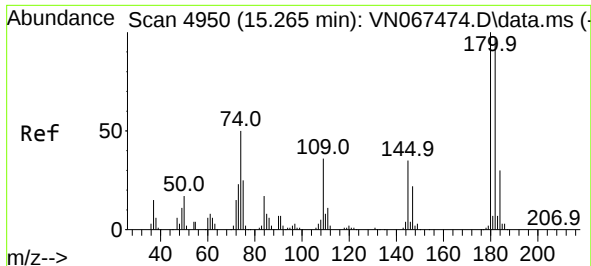
Tgt Ion: 75 Resp: 132320
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.32 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

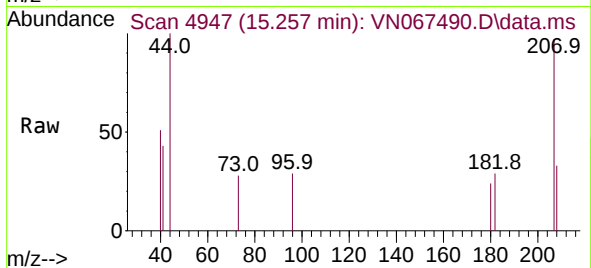
Tgt Ion: 75 Resp: 132320
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



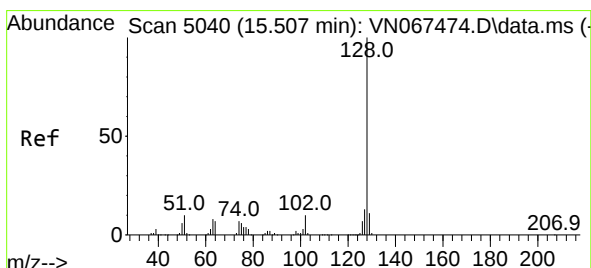
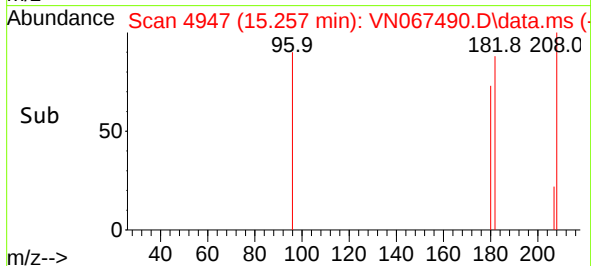


#93
1,2,4-Trichlorobenzene
Concen: 2.35 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.008 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07

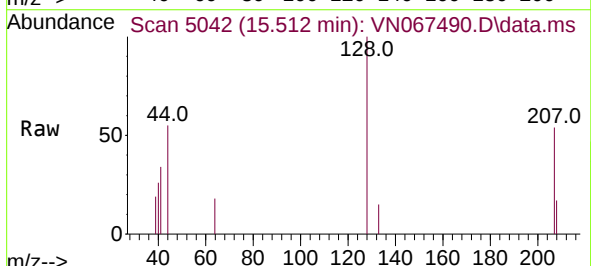
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20210621



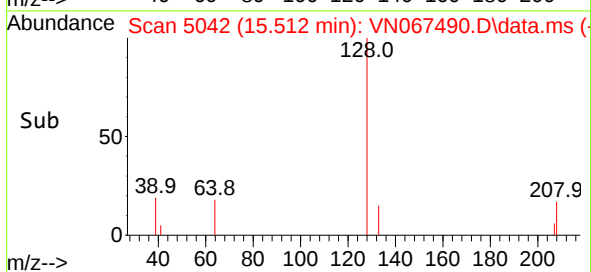
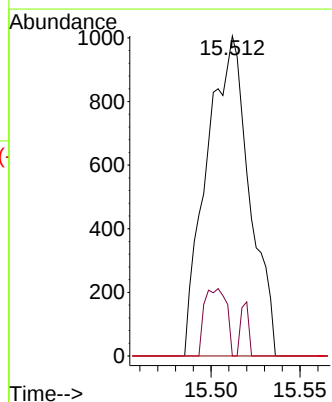
Tgt Ion:180 Resp: 53
Ion Ratio Lower Upper
180 100
182 117.0 47.5 142.5
145 0.0 17.2 51.6#

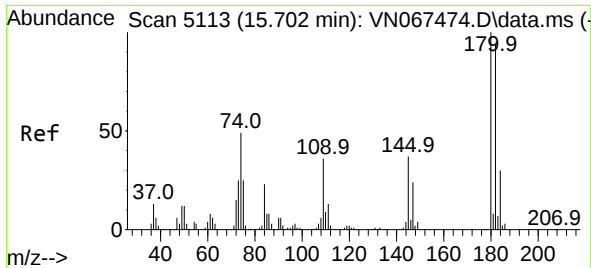


#95
Naphthalene
Concen: 3.53 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067490.D
Acq: 24 Jun 2021 18:07



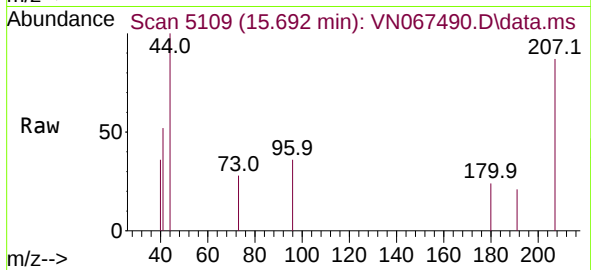
Tgt Ion:128 Resp: 1678
Ion Ratio Lower Upper
128 100
127 3.1 10.6 15.8#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.59 ug/l
 RT: 15.692 min Scan# 5109
 Delta R.T. -0.010 min
 Lab File: VN067490.D
 Acq: 24 Jun 2021 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP08-20210621



Tgt Ion:	180	Resp:	164
Ion	Ratio	Lower	Upper
180	100		
182	130.5	47.8	143.3
145	16.5	18.2	54.6#

