

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067444.D
 Acq On : 22 Jun 2021 18:03
 Operator : JC/MD
 Sample : M2784-02 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 23 04:06:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	272287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	553883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	490087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	161248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	246199	45.834	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.660%
35) Dibromofluoromethane	8.024	113	171148	46.460	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.920%
50) Toluene-d8	10.443	98	738977	52.338	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.733	95	245828	42.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.380%

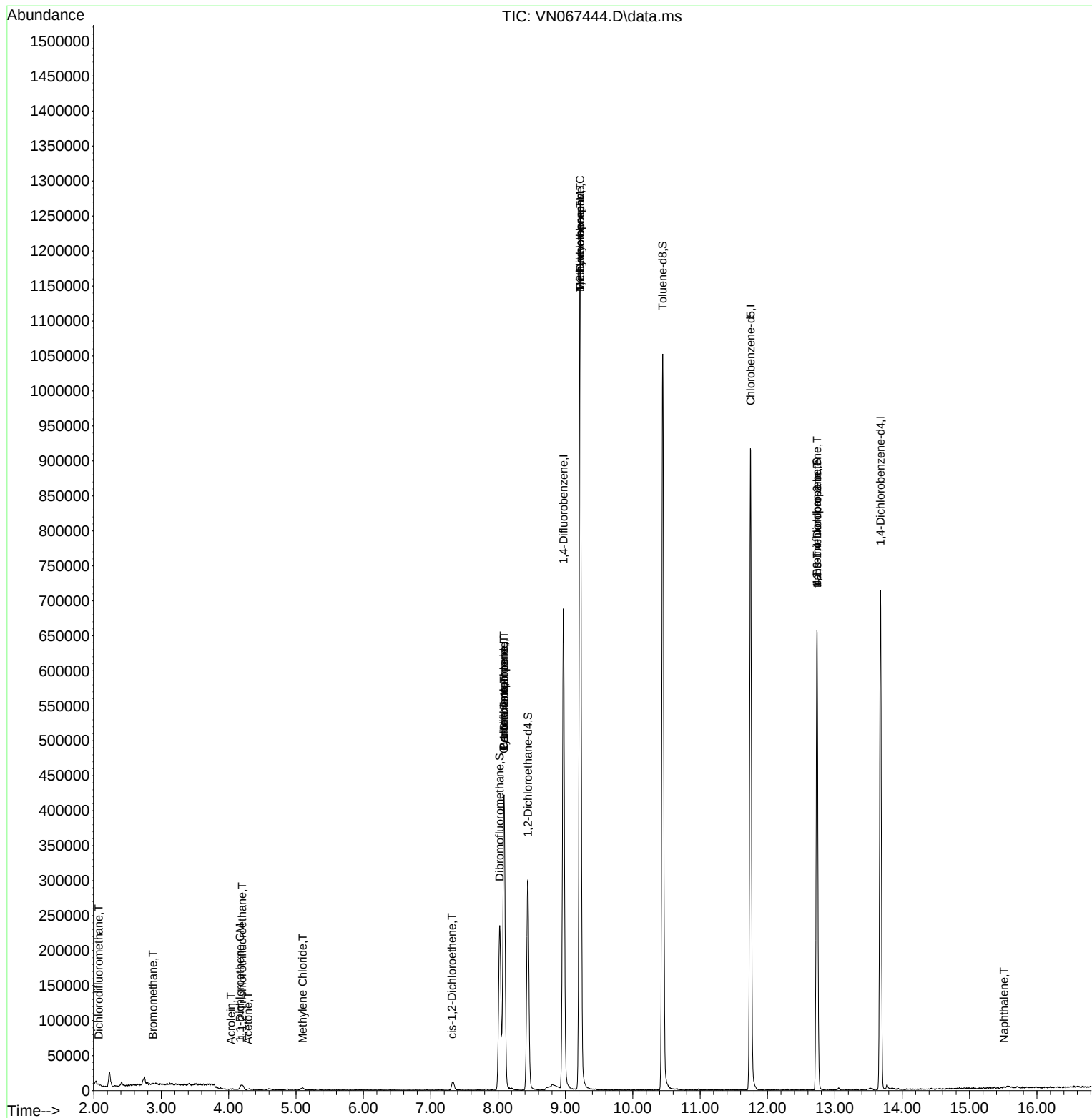
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	51	1.337	ug/l #	43
5) Bromomethane	2.877	94	709	0.412	ug/l #	76
9) 1,1,2-Trichlorotrifluo...	4.199	101	2432	0.719	ug/l #	61
12) 1,1-Dichloroethene	4.167	96	689	0.211	ug/l #	75
13) Acrolein	4.036	56	299	0.542	ug/l	98
16) Acetone	4.291	43	1094	0.531	ug/l	100
20) Methylene Chloride	5.098	84	991	0.231	ug/l #	67
27) cis-1,2-Dichloroethene	7.316	96	1914	0.449	ug/l	82
31) Cyclohexane	8.086	56	9827	1.346	ug/l #	6
36) 1,1-Dichloropropene	8.088	75	31913	5.139	ug/l #	52
38) Carbon Tetrachloride	8.088	117	34719	5.202	ug/l #	16
39) Methylcyclohexane	9.217	83	6240	0.949	ug/l #	1
44) Trichloroethene	9.217	130	403175	99.478	ug/l	93
45) 1,2-Dichloropropane	9.220	63	1495	0.323	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	140080	33.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	140080	82.907	ug/l #	6
95) Naphthalene	15.512	128	1868	2.788	ug/l #	83

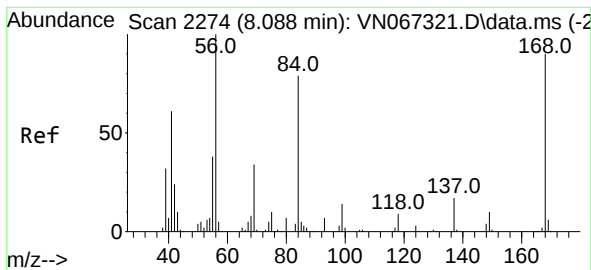
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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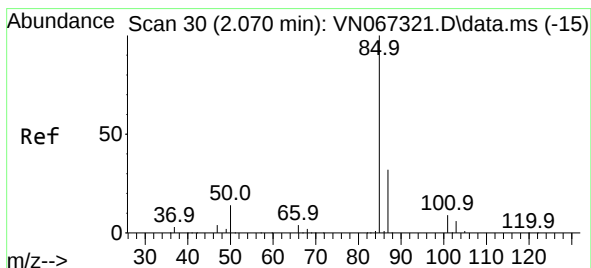
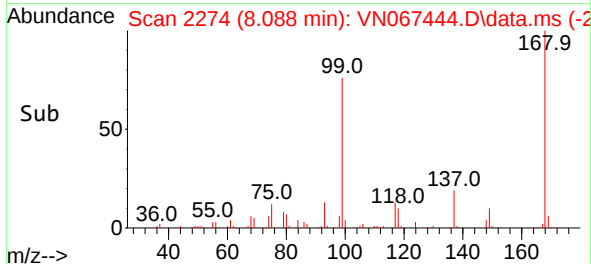
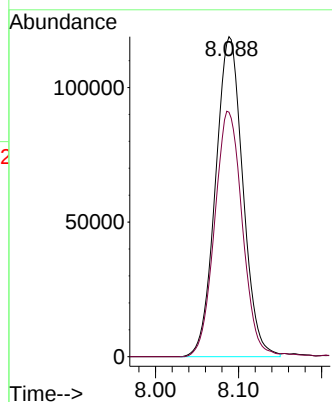
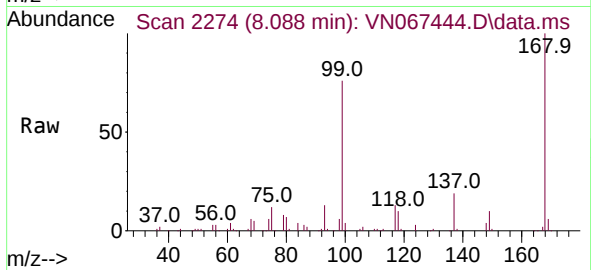




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

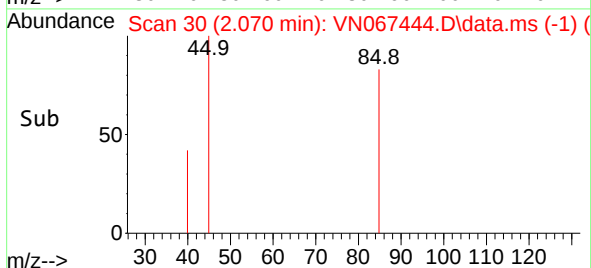
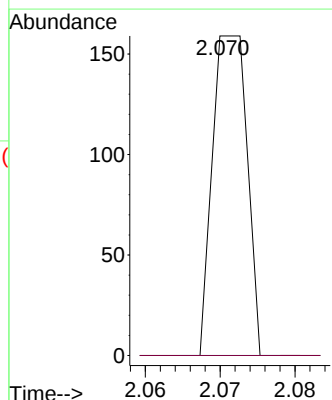
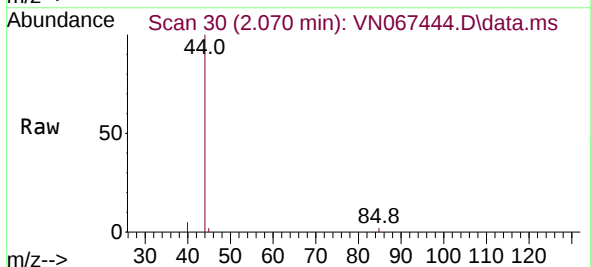
Instrument :
MSVOA_N
ClientSampled :

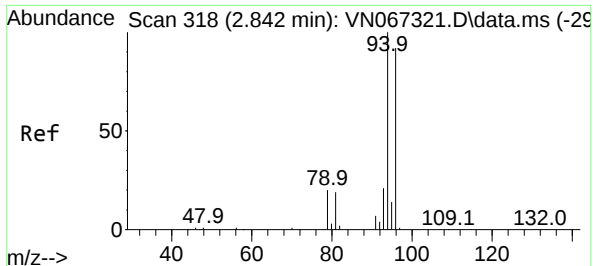
Tgt Ion:168 Resp: 272287
Ion Ratio Lower Upper
168 100
99 76.4 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 1.337 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion: 85 Resp: 51
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

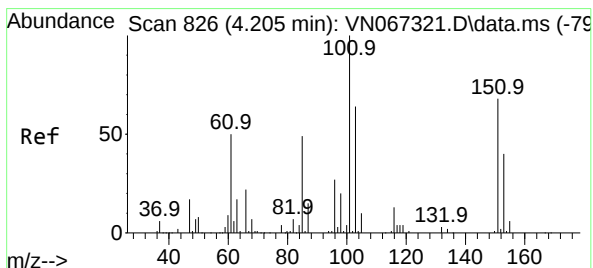
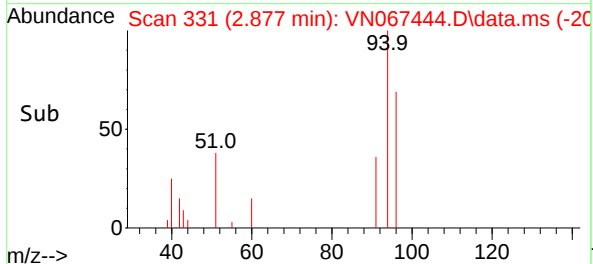
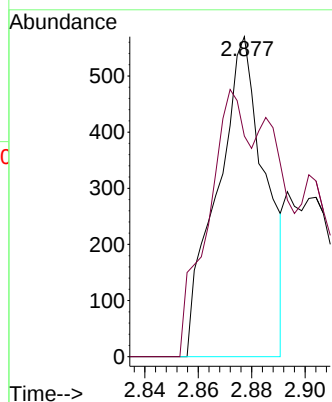
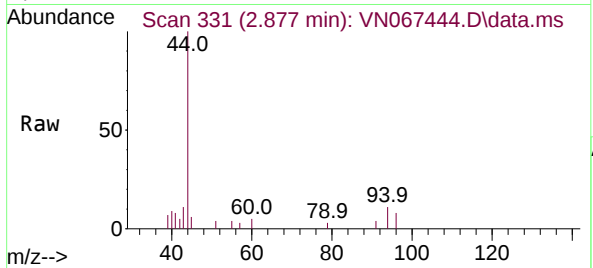




#5
Bromomethane
Concen: 0.412 ug/l
RT: 2.877 min Scan# 331
Delta R.T. 0.035 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

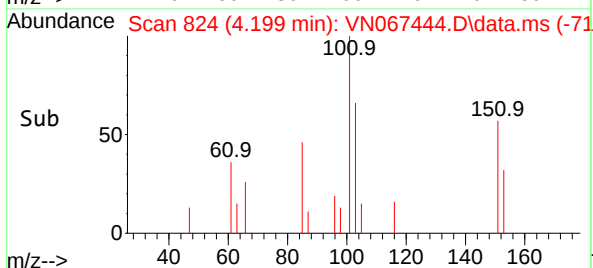
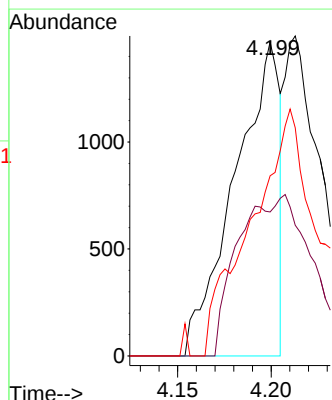
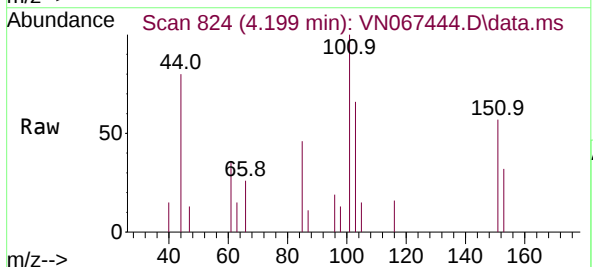
Instrument :
MSVOA_N
ClientSampled :

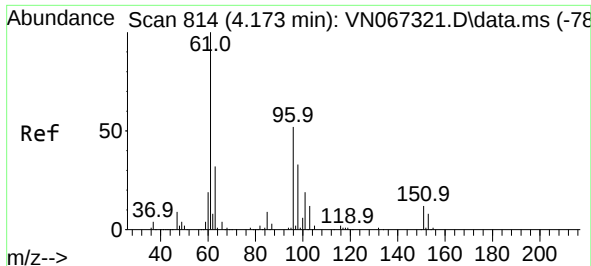
Tgt Ion: 94 Resp: 709
Ion Ratio Lower Upper
94 100
96 68.9 73.7 110.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.719 ug/l
RT: 4.199 min Scan# 824
Delta R.T. -0.006 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion:101 Resp: 2432
Ion Ratio Lower Upper
101 100
85 39.9 39.6 59.4
151 114.4 54.1 81.1#

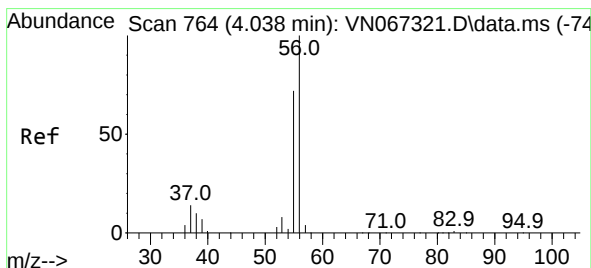
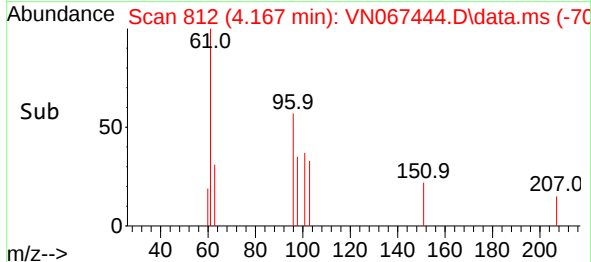
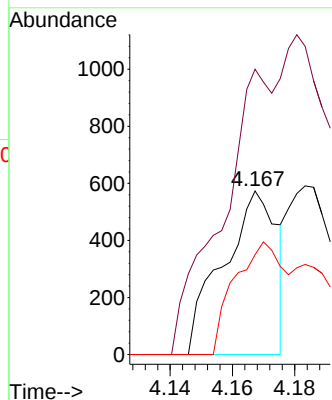
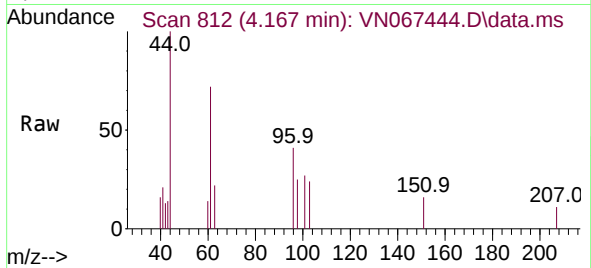




#12
1,1-Dichloroethene
Concen: 0.211 ug/l
RT: 4.167 min Scan# 812
Delta R.T. -0.006 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

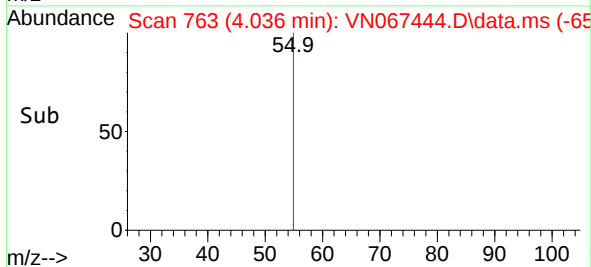
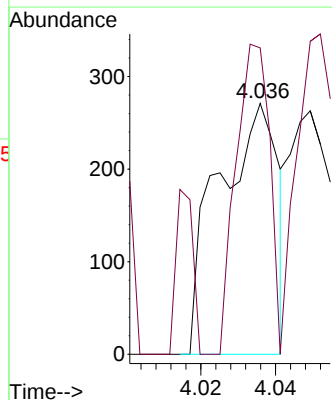
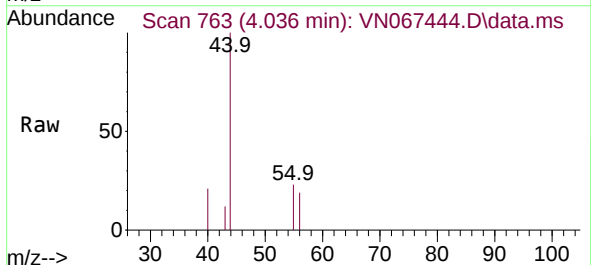
Instrument :
MSVOA_N
ClientSampled :

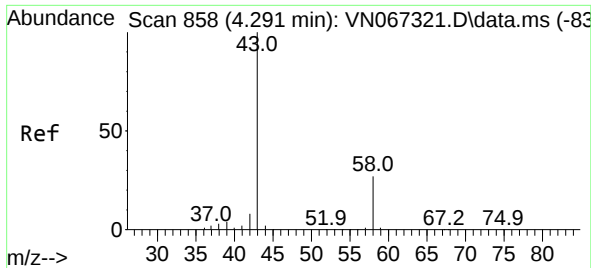
Tgt Ion: 96 Resp: 689
Ion Ratio Lower Upper
96 100
61 142.8 152.6 229.0#
98 61.1 50.9 76.3



#13
Acrolein
Concen: 0.542 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.002 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion: 56 Resp: 299
Ion Ratio Lower Upper
56 100
55 69.9 57.4 86.0

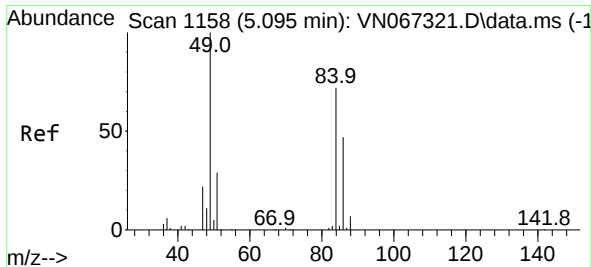
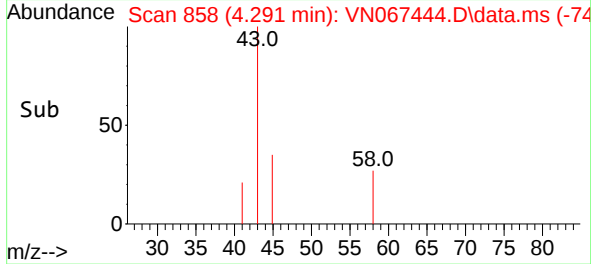
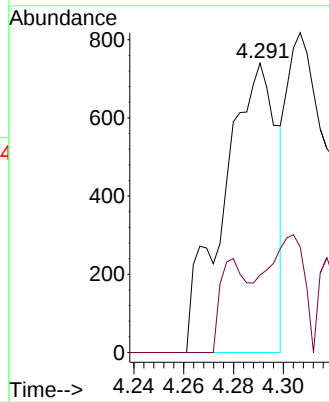
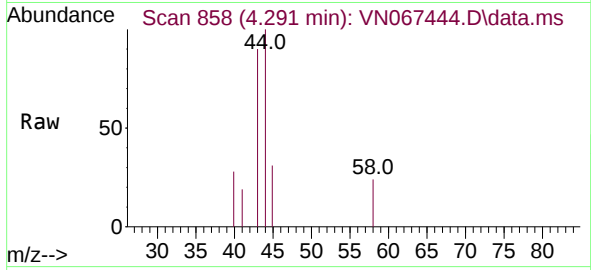




#16
Acetone
Concen: 0.531 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

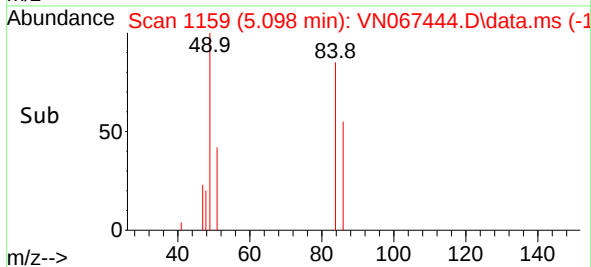
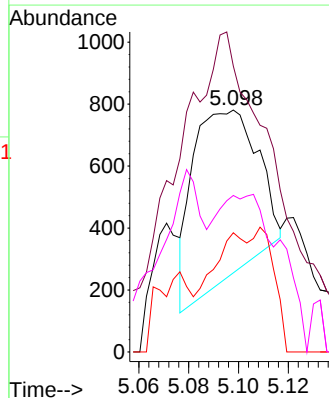
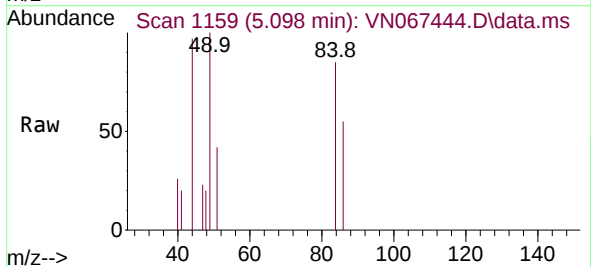
Instrument :
MSVOA_N
ClientSampled :

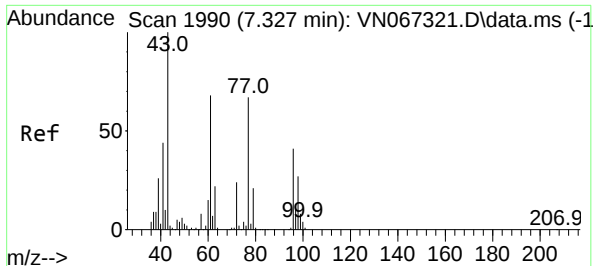
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

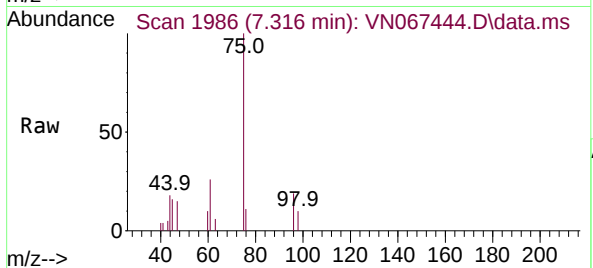
Tgt Ion: 84 Resp: 991
Ion Ratio Lower Upper
84 100
49 97.1 110.9 166.3#
51 52.4 32.6 49.0#
86 34.7 51.6 77.4#



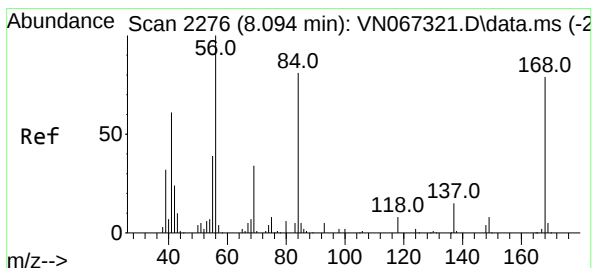
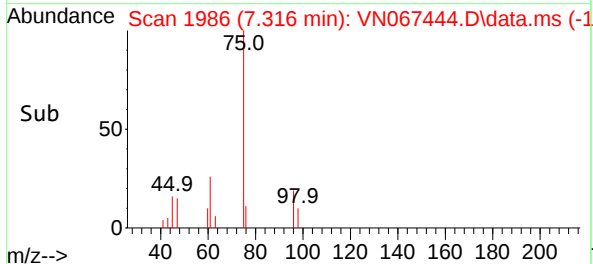
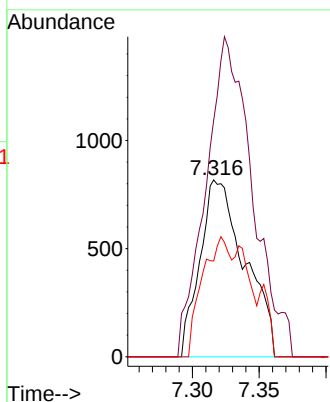


#27
 cis-1,2-Dichloroethene
 Concen: 0.449 ug/l
 RT: 7.316 min Scan# 1986
 Delta R.T. -0.011 min
 Lab File: VN067444.D
 Acq: 22 Jun 2021 18:03

Instrument :
 MSVOA_N
 ClientSampled :

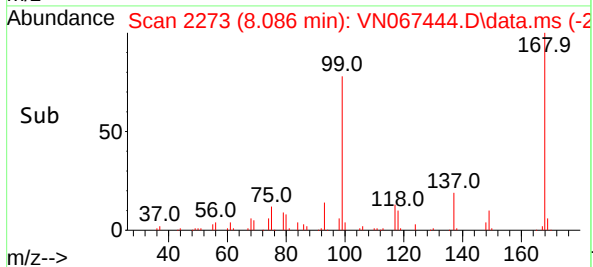
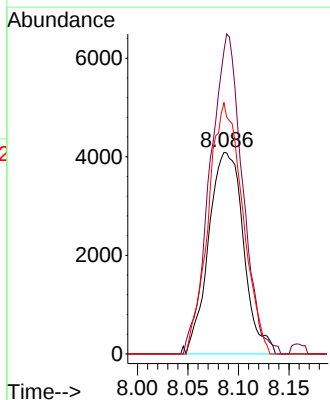
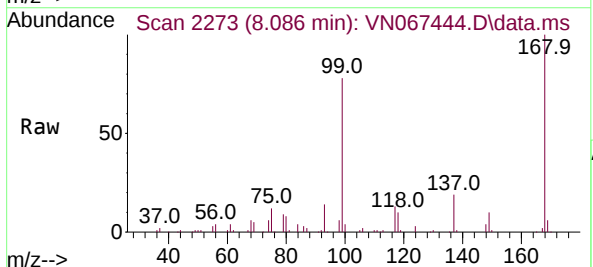


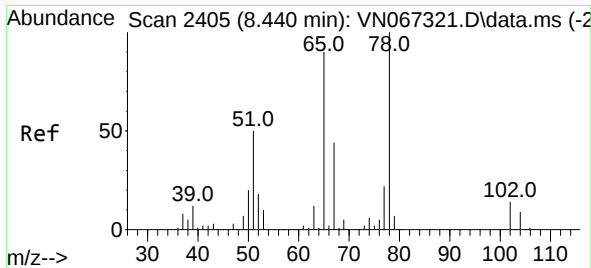
Tgt Ion:	96	Resp:	1914
Ion	Ratio	Lower	Upper
96	100		
61	187.4	0.0	338.8
98	42.1	0.0	129.8



#31
 Cyclohexane
 Concen: 1.346 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.008 min
 Lab File: VN067444.D
 Acq: 22 Jun 2021 18:03

Tgt Ion:	56	Resp:	9827
Ion	Ratio	Lower	Upper
56	100		
69	150.3	27.3	40.9#
84	124.5	64.9	97.3#

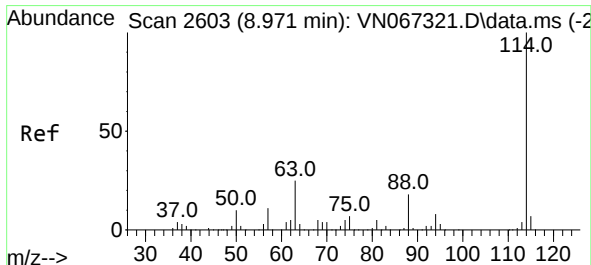
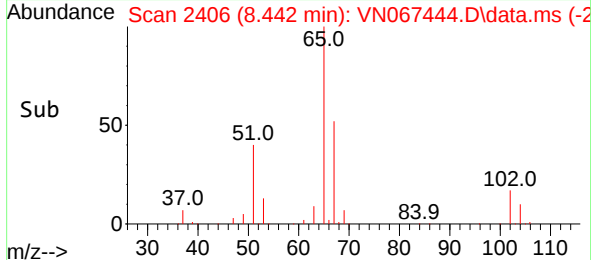
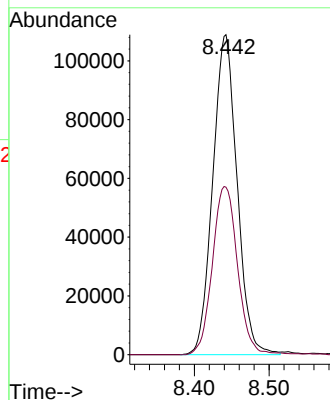
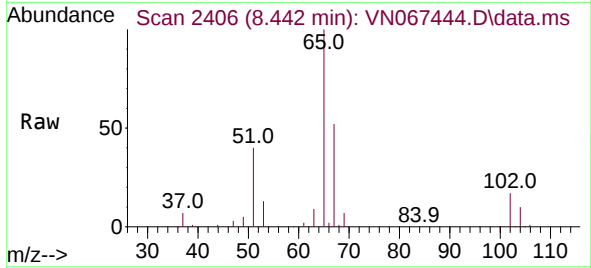




#33
1,2-Dichloroethane-d4
Concen: 45.834 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

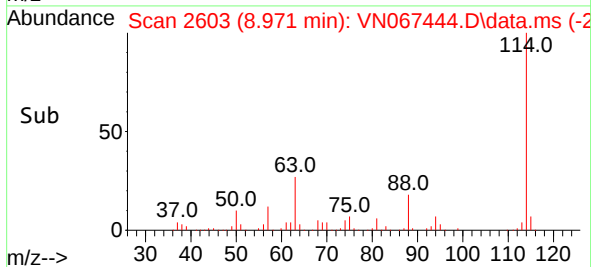
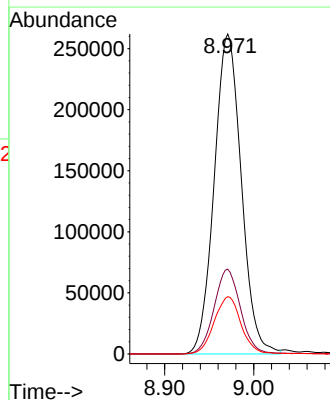
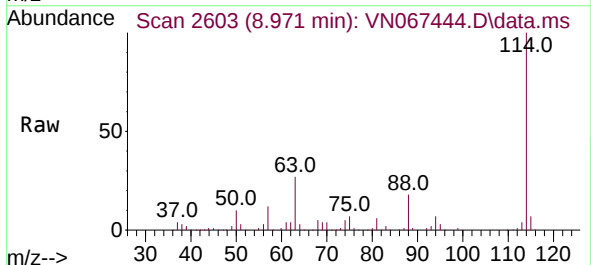
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MSVOA_N
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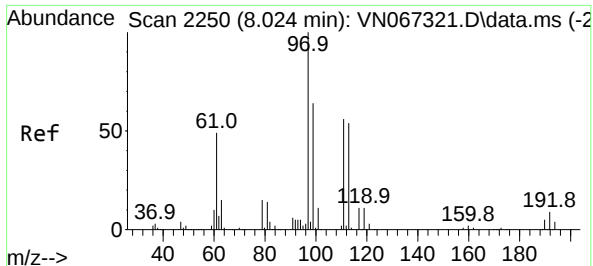
Tgt Ion: 65 Resp: 246199
Ion Ratio Lower Upper
65 100
67 54.4 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion: 114 Resp: 553883
Ion Ratio Lower Upper
114 100
63 26.5 0.0 49.0
88 17.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.460 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN067444.D

Acq: 22 Jun 2021 18:03

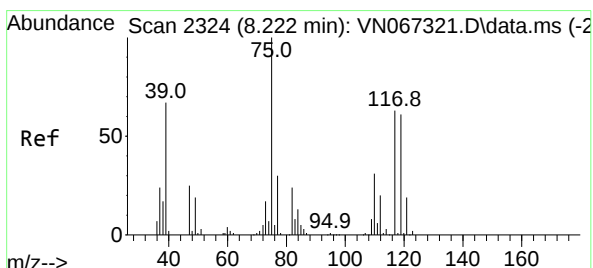
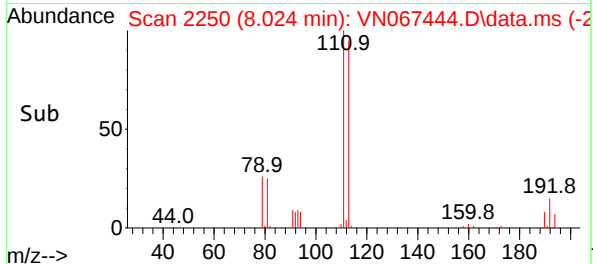
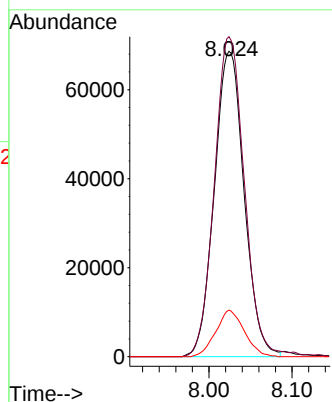
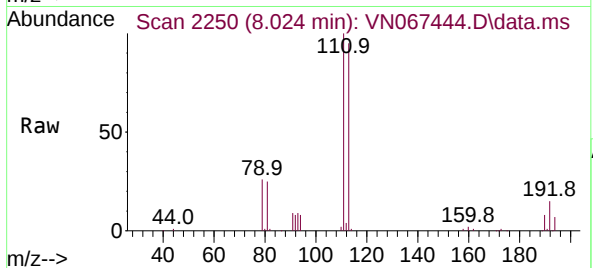
Tgt Ion:113 Resp: 171148

Ion Ratio Lower Upper

113 100

111 105.0 83.8 125.8

192 14.6 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.134 min

Lab File: VN067444.D

Acq: 22 Jun 2021 18:03

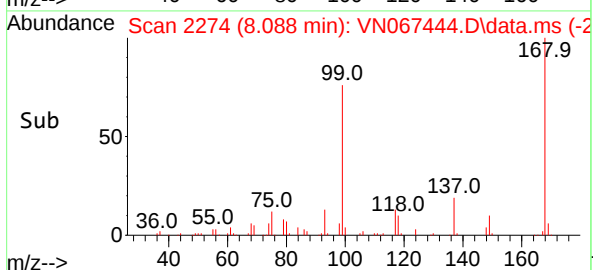
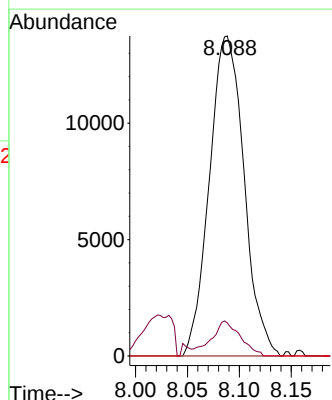
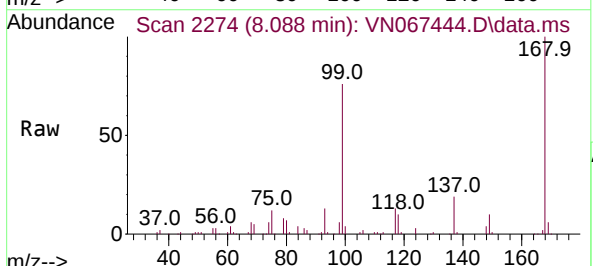
Tgt Ion: 75 Resp: 31913

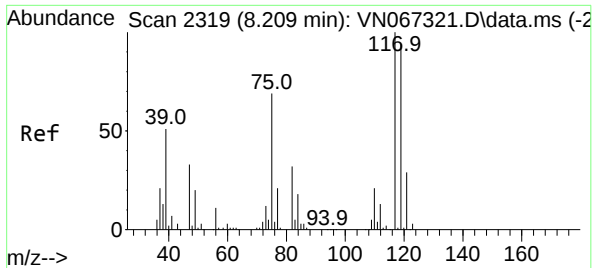
Ion Ratio Lower Upper

75 100

110 9.0 15.7 47.0#

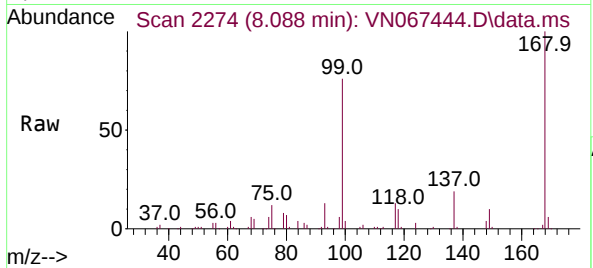
77 0.0 24.6 37.0#



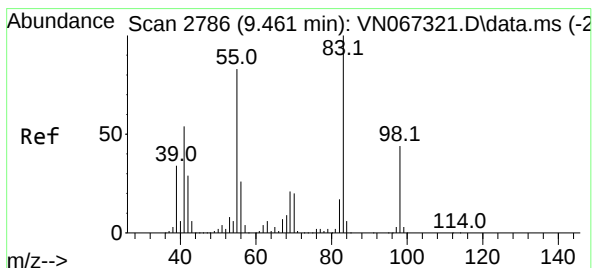
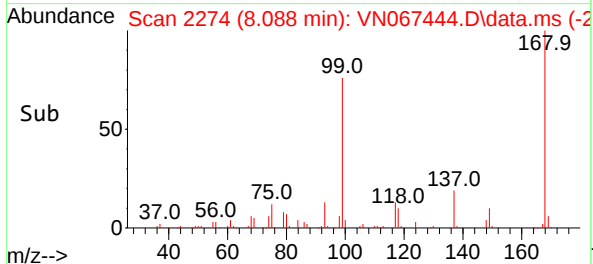
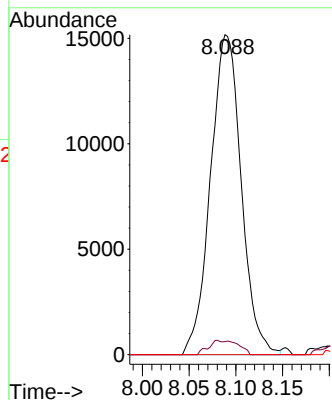


#38
Carbon Tetrachloride
Concen: 5.202 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Instrument :
MSVOA_N
ClientSampled :

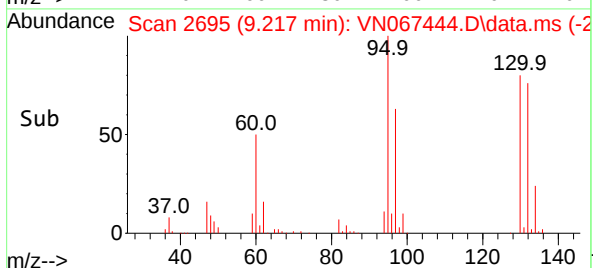
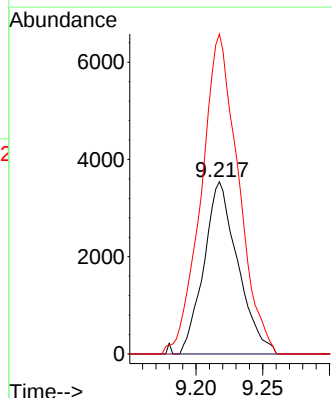
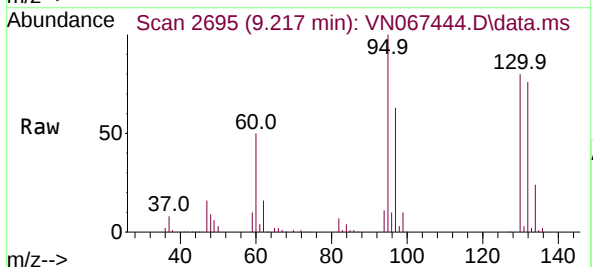


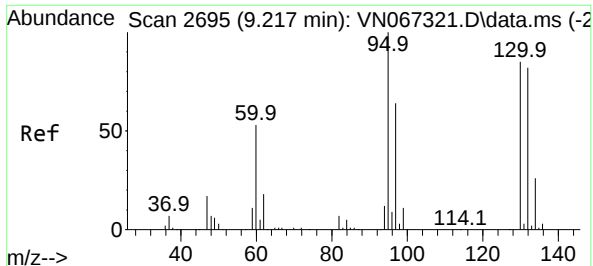
Tgt Ion:117 Resp: 34719
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.949 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.244 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion: 83 Resp: 6240
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 185.9 35.3 52.9#

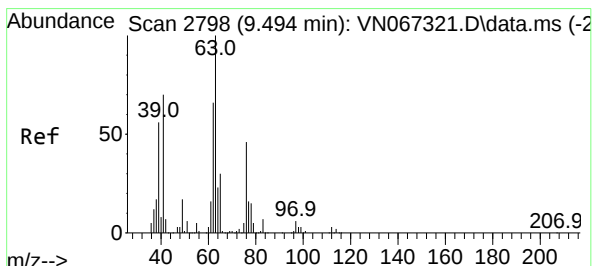
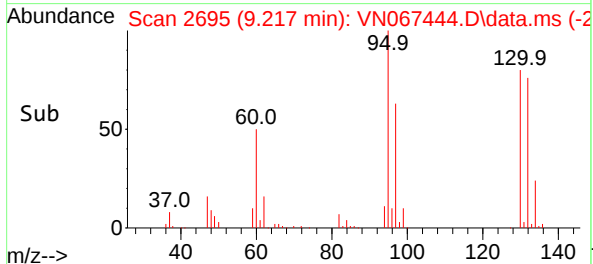
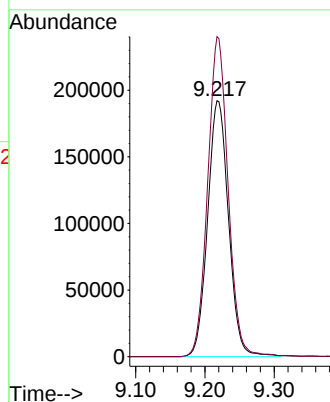
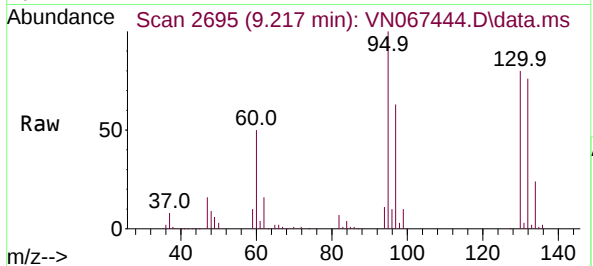




#44
Trichloroethene
Concen: 99.478 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

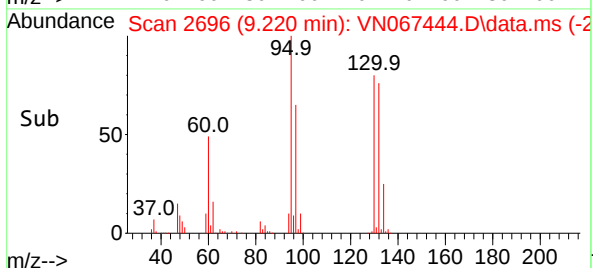
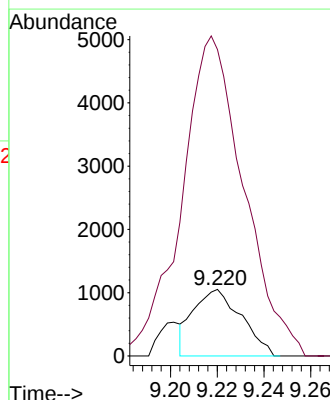
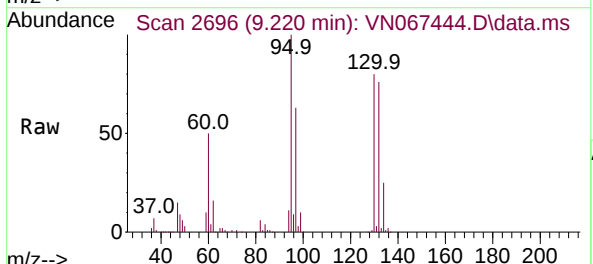
Instrument :
MSVOA_N
ClientSampled :

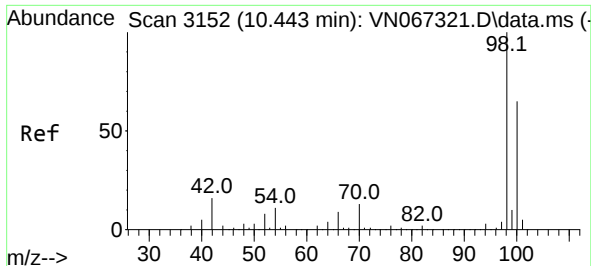
Tgt Ion:130 Resp: 403175
Ion Ratio Lower Upper
130 100
95 125.0 0.0 234.4



#45
1,2-Dichloropropane
Concen: 0.323 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. -0.274 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion: 63 Resp: 1495
Ion Ratio Lower Upper
63 100
65 402.6 24.3 36.5#

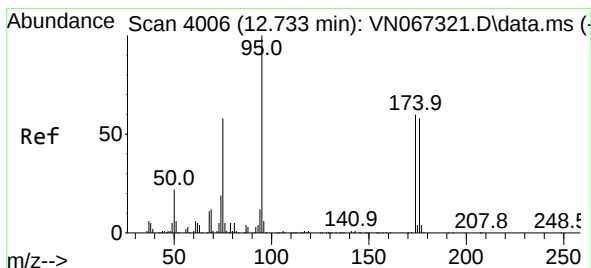
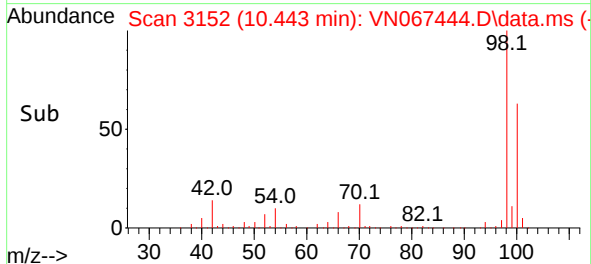
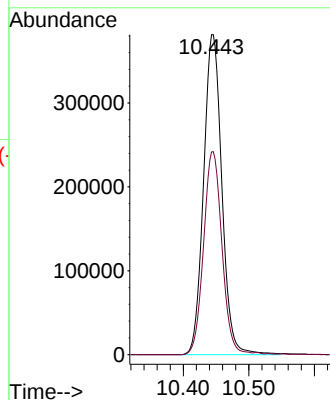
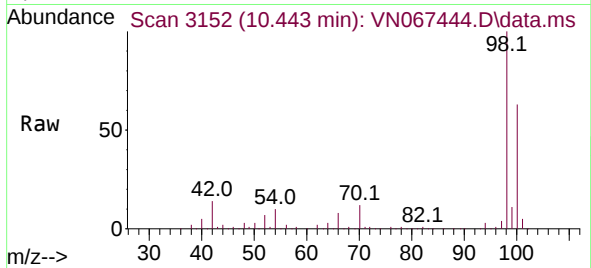




#50
Toluene-d8
Concen: 52.338 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

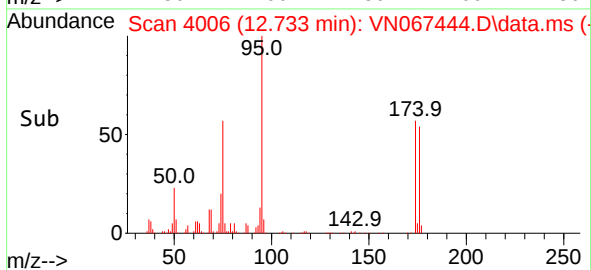
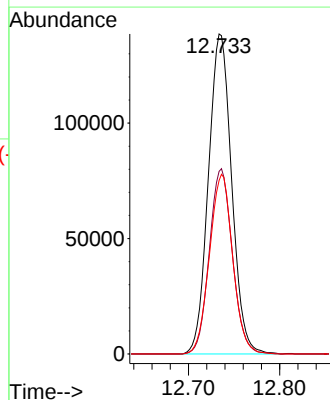
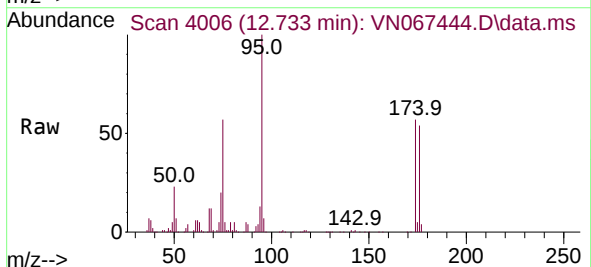
Instrument :
MSVOA_N
ClientSampled :

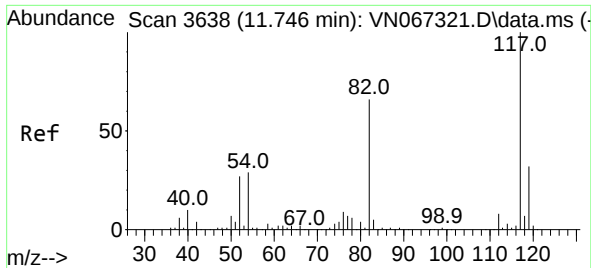
Tgt Ion: 98 Resp: 738977
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.189 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion: 95 Resp: 245828
Ion Ratio Lower Upper
95 100
174 57.4 0.0 122.0
176 56.1 0.0 117.6

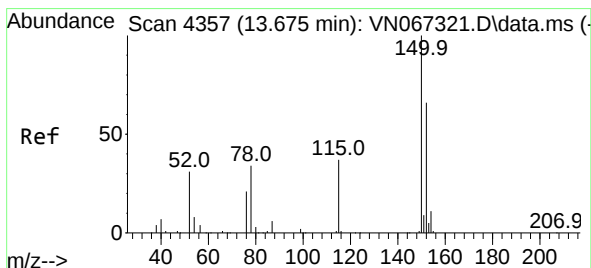
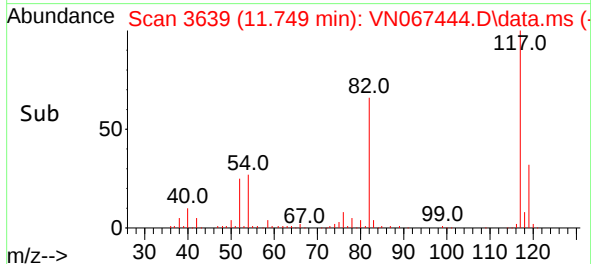
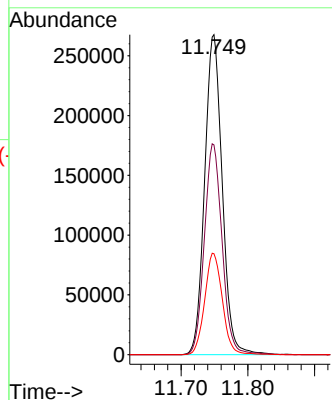
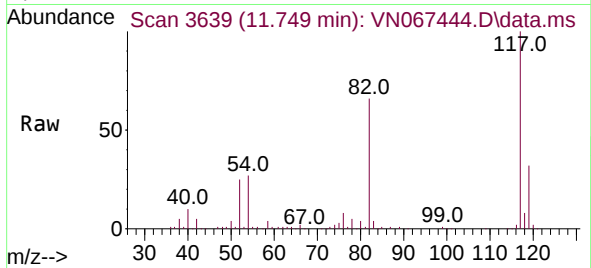




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

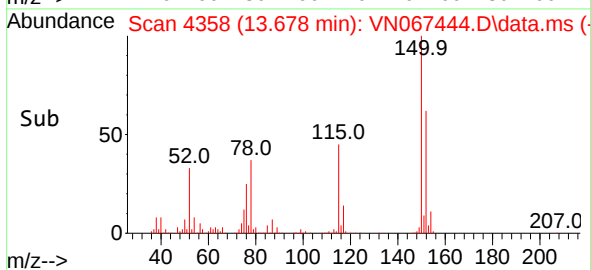
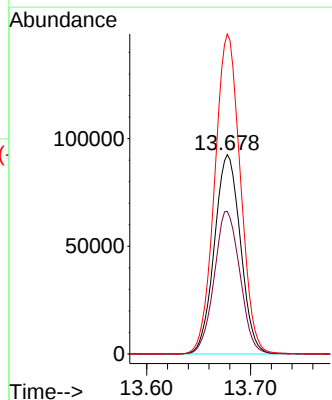
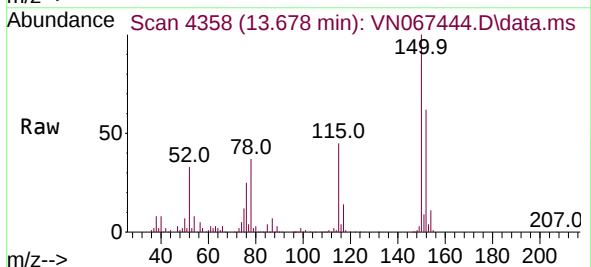
Instrument :
MSVOA_N
ClientSampleId :

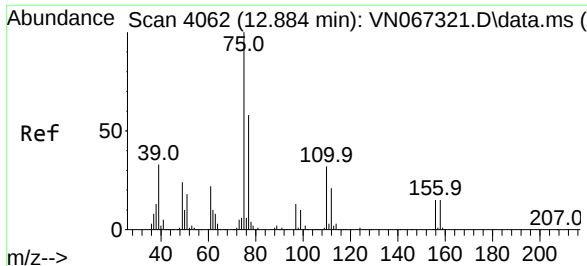
Tgt Ion:117 Resp: 490087
Ion Ratio Lower Upper
117 100
82 65.5 53.1 79.7
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion:152 Resp: 161248
Ion Ratio Lower Upper
152 100
115 70.9 36.1 108.5
150 158.2 0.0 351.8

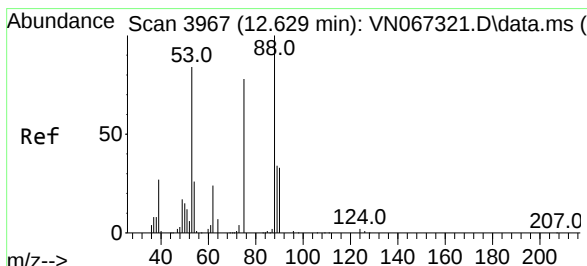
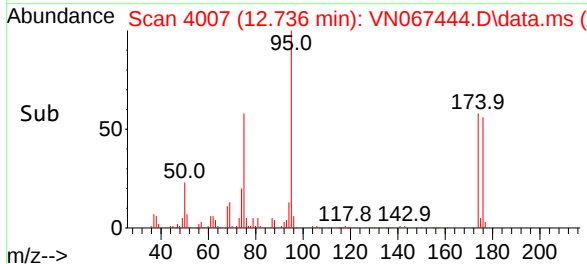
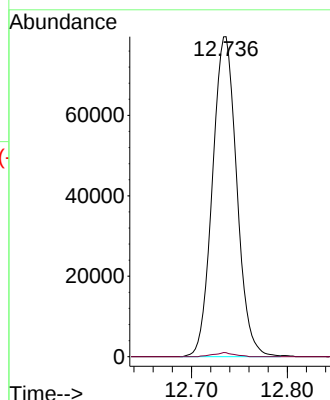
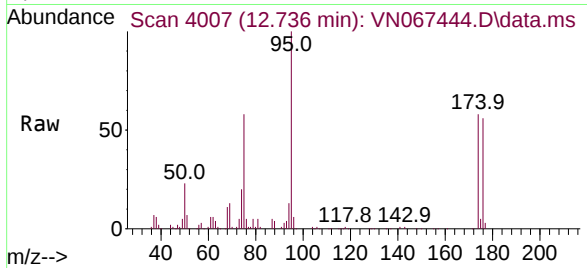




#76
1,2,3-Trichloropropane
Concen: 33.453 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

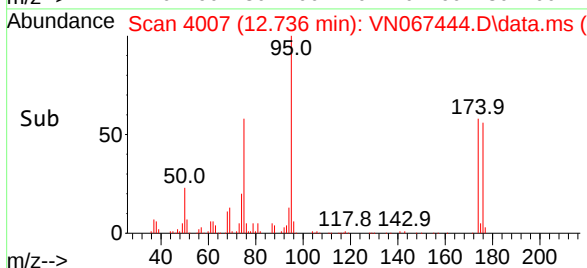
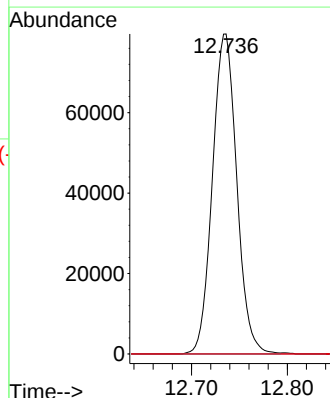
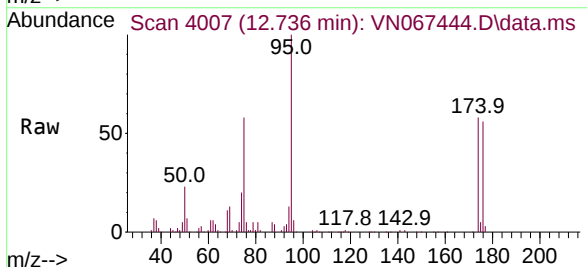
Instrument :
MSVOA_N
ClientSampled :

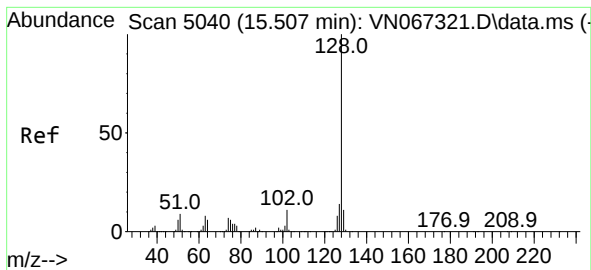
Tgt Ion: 75 Resp: 140080
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.907 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Tgt Ion: 75 Resp: 140080
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.788 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067444.D
Acq: 22 Jun 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1868
Ion Ratio Lower Upper
128 100
127 7.0 10.6 15.8#
129 4.0 8.6 12.8#

