

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067392.D
 Acq On : 18 Jun 2021 11:07
 Operator : JC/MD
 Sample : VN0618WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Quant Time: Jun 19 00:36:12 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	316594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	640939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	579207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	201779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	303113	48.533	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.060%
35) Dibromofluoromethane	8.024	113	195131	45.776	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.560%
50) Toluene-d8	10.443	98	848874	51.956	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.734	95	297774	44.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.320%

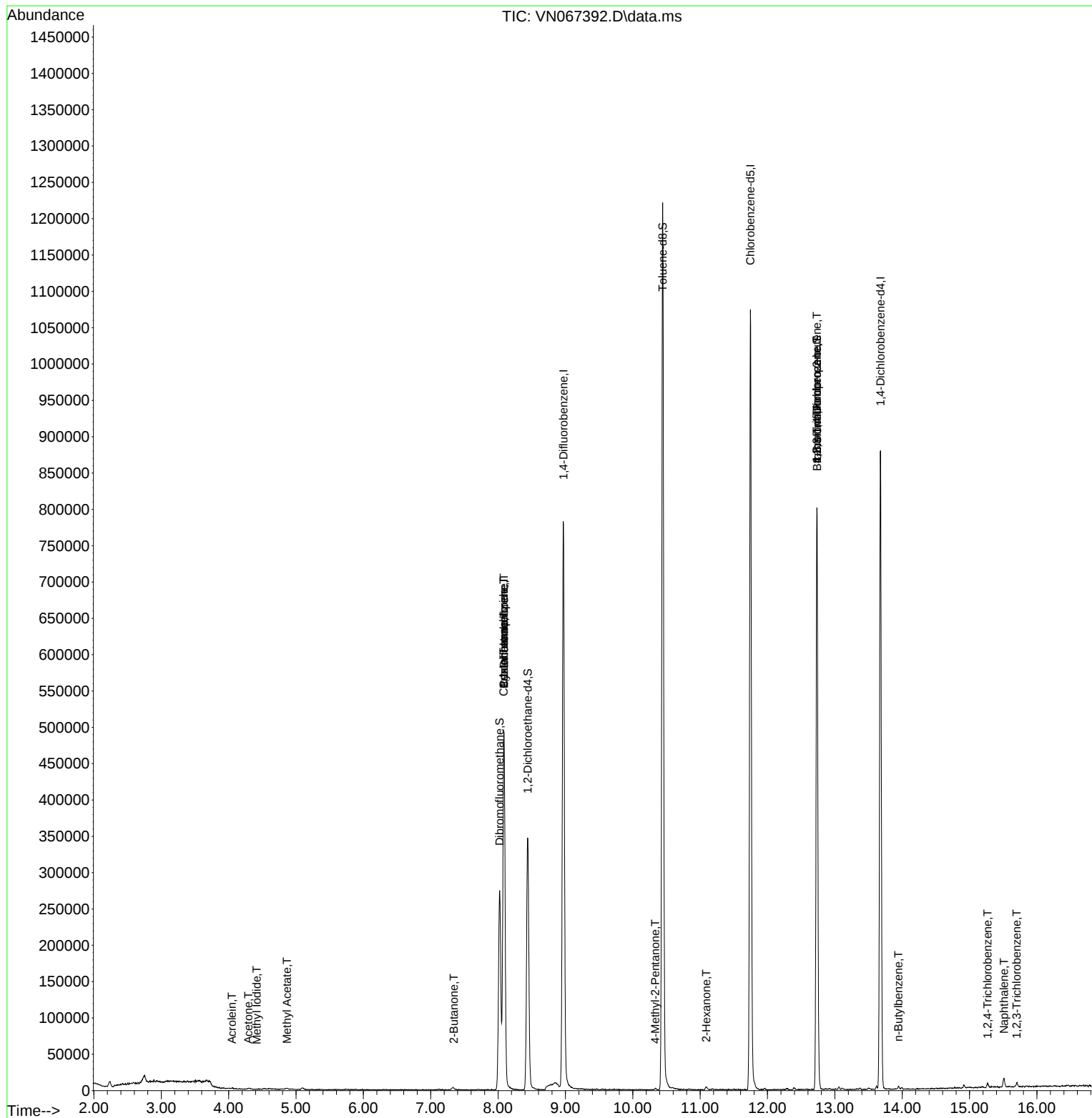
Target Compounds						Qvalue
10) Methyl Iodide	4.417	142	205	6.788	ug/l #	62
13) Acrolein	4.047	56	297	0.463	ug/l #	83
16) Acetone	4.293	43	1495	0.624	ug/l #	48
18) Methyl Acetate	4.867	43	1813	0.312	ug/l #	63
25) 2-Butanone	7.343	43	758	0.221	ug/l #	51
31) Cyclohexane	8.088	56	10518	1.239	ug/l #	27
36) 1,1-Dichloropropene	8.088	75	36672	5.104	ug/l #	51
38) Carbon Tetrachloride	8.083	117	40223	5.208	ug/l #	18
51) 4-Methyl-2-Pentanone	10.336	43	1588	0.202	ug/l #	39
59) 2-Hexanone	11.092	43	3216	0.558	ug/l	96
71) Bromoform	12.736	173	2467	0.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	170432	32.526	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	170432	80.610	ug/l #	6
89) n-Butylbenzene	13.943	91	2965	0.213	ug/l	75
93) 1,2,4-Trichlorobenzene	15.268	180	1484	0.421	ug/l #	53
95) Naphthalene	15.512	128	9174	3.317	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.700	180	1143	0.338	ug/l	59

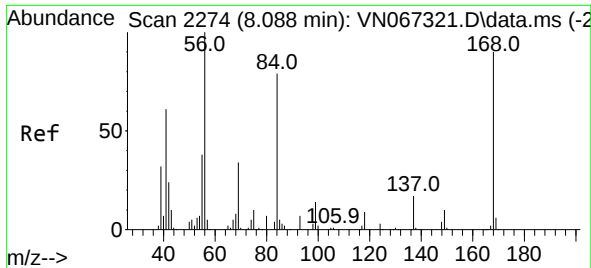
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
Data File : VN067392.D
Acq On : 18 Jun 2021 11:07
Operator : JC/MD
Sample : VN0618WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

Quant Time: Jun 19 00:36:12 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

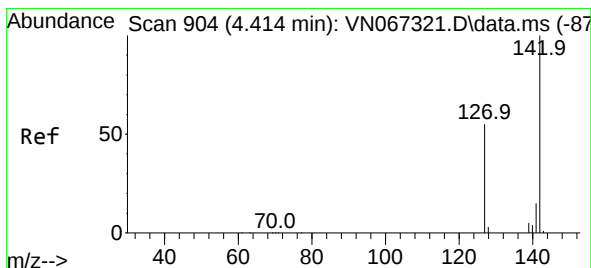
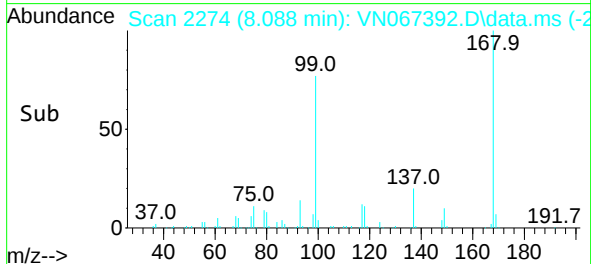
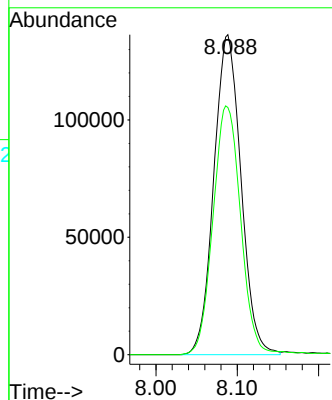
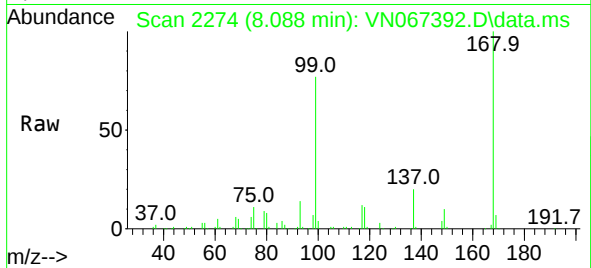




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

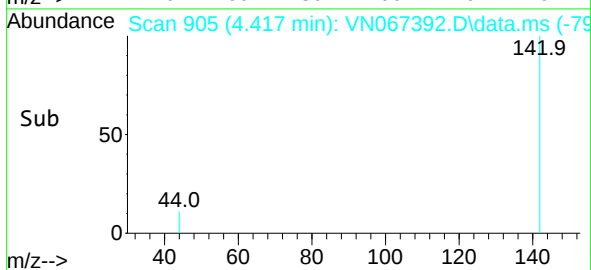
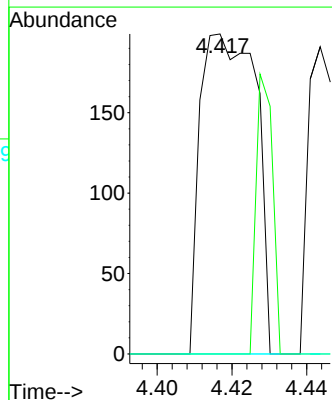
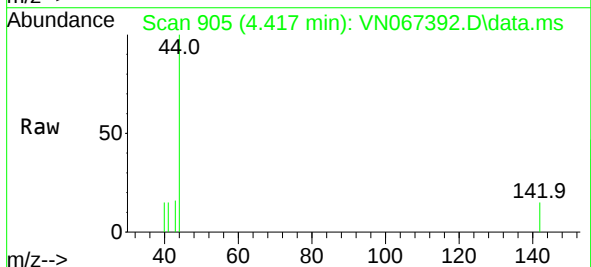
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

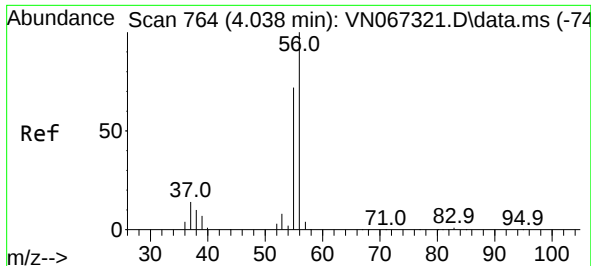
Tgt Ion:168 Resp: 316594
Ion Ratio Lower Upper
168 100
99 77.2 62.9 94.3



#10
Methyl Iodide
Concen: 6.788 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion:142 Resp: 205
Ion Ratio Lower Upper
142 100
127 25.9 43.1 64.7#
141 0.0 11.4 17.0#

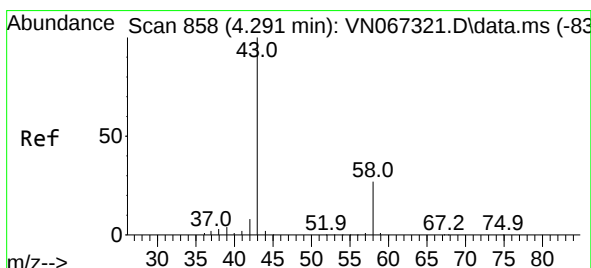
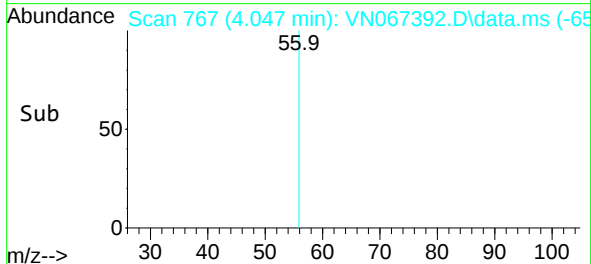
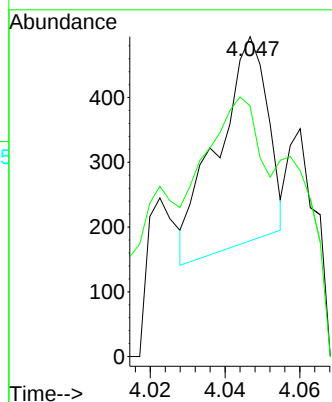
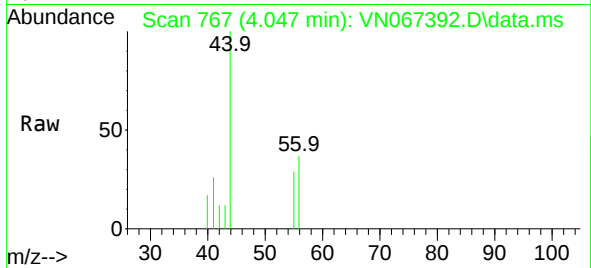




#13
Acrolein
Concen: 0.463 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.009 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

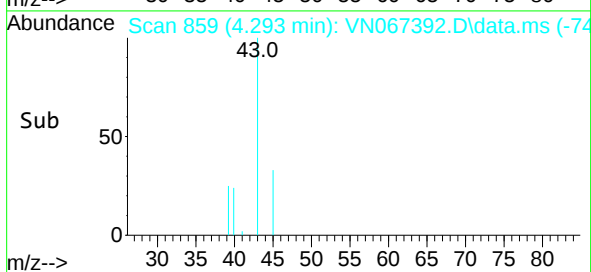
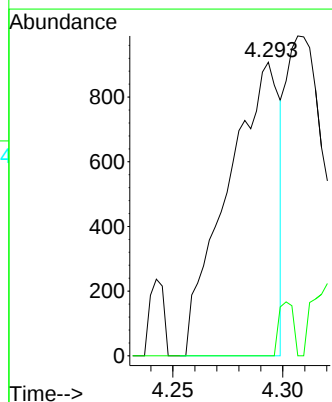
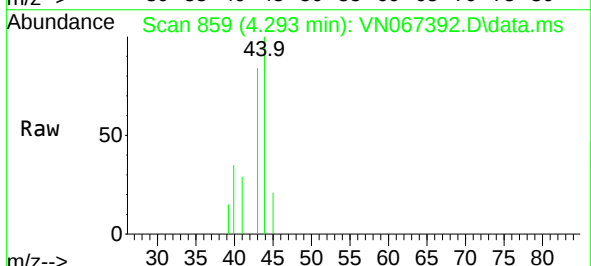
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

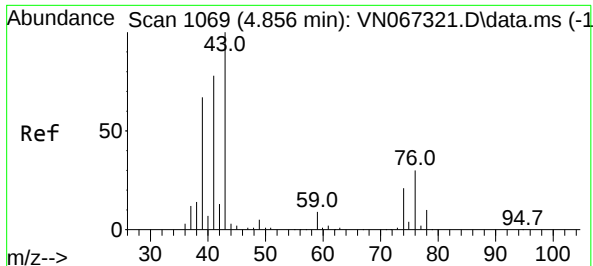
Tgt Ion: 56 Resp: 297
Ion Ratio Lower Upper
56 100
55 57.2 57.4 86.0#



#16
Acetone
Concen: 0.624 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#





#18

Methyl Acetate

Concen: 0.312 ug/l

RT: 4.867 min Scan# 1073

Delta R.T. 0.011 min

Lab File: VN067392.D

Acq: 18 Jun 2021 11:07

Tgt Ion: 43 Resp: 1813

Ion Ratio Lower Upper

43 100

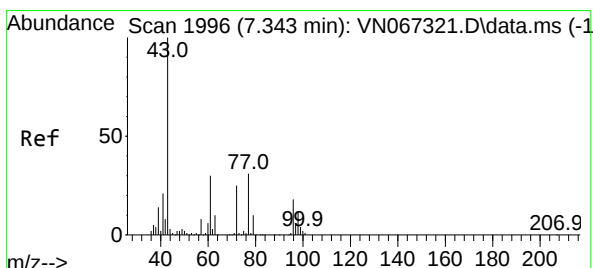
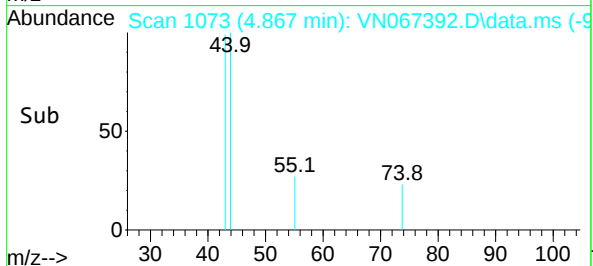
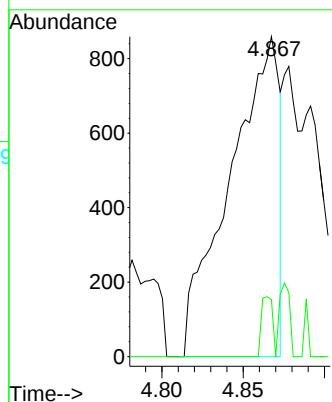
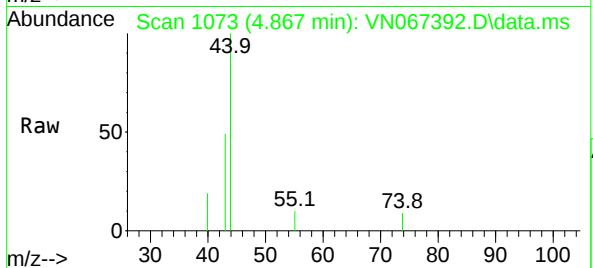
74 4.2 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBL01



#25

2-Butanone

Concen: 0.221 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN067392.D

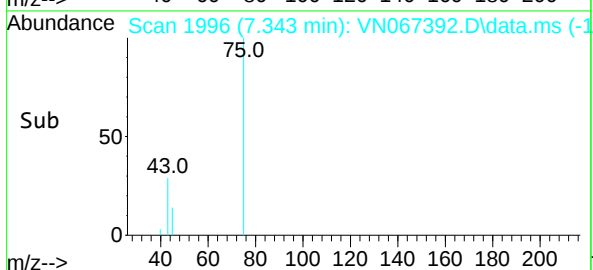
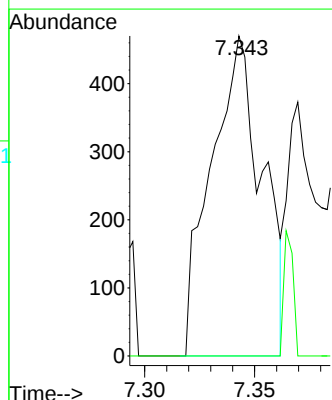
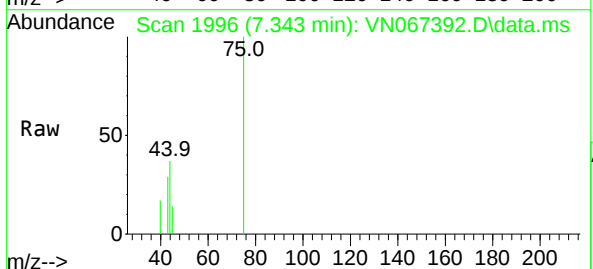
Acq: 18 Jun 2021 11:07

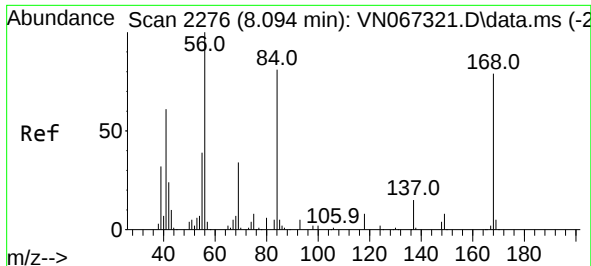
Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

72 0.0 19.7 29.5#

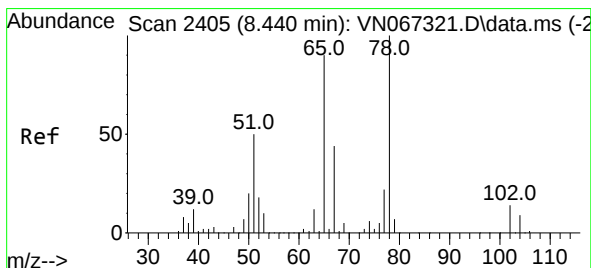
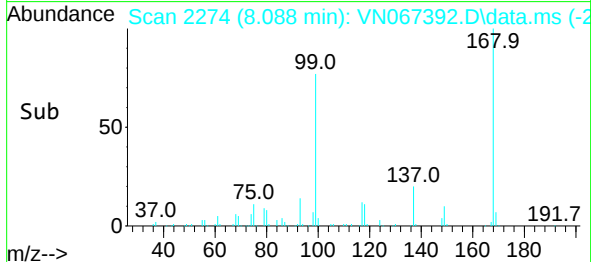
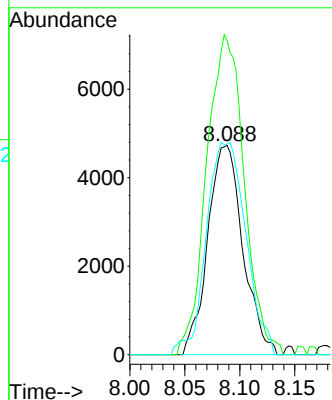
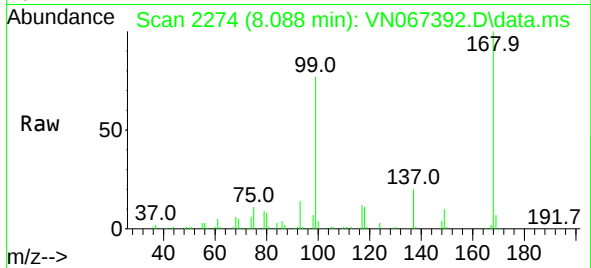




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

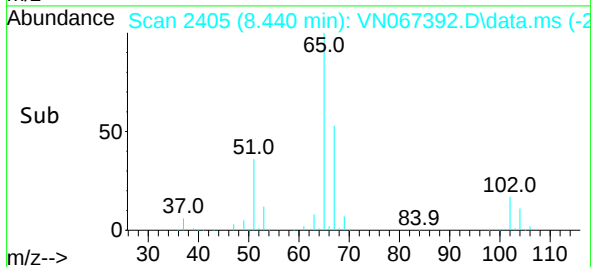
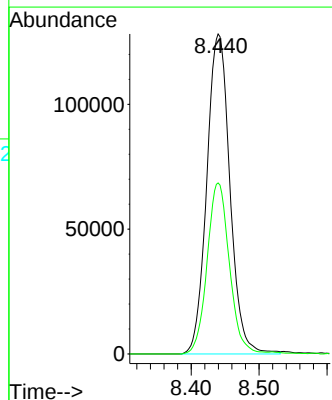
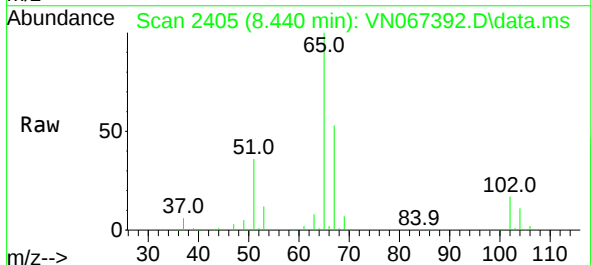
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

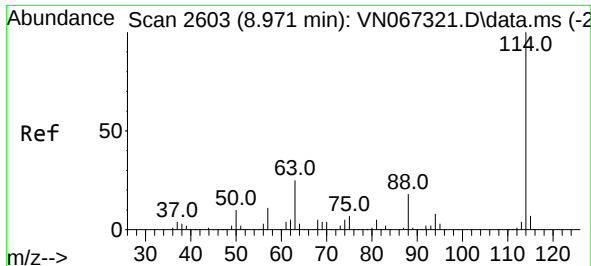
Tgt Ion: 56 Resp: 10518
Ion Ratio Lower Upper
56 100
69 145.6 27.3 40.9#
84 100.6 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.533 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion: 65 Resp: 303113
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

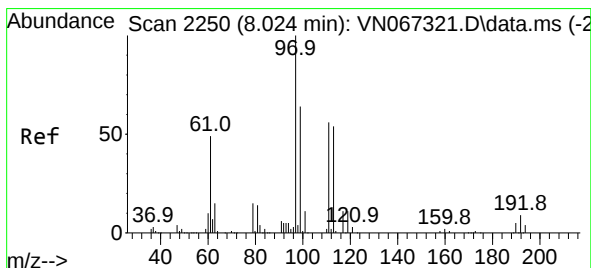
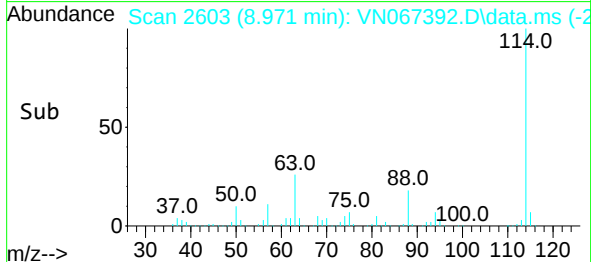
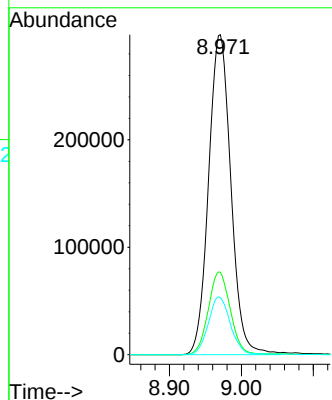
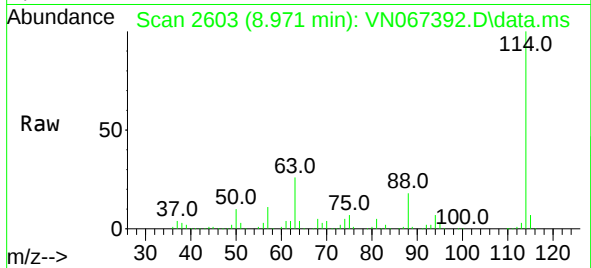




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

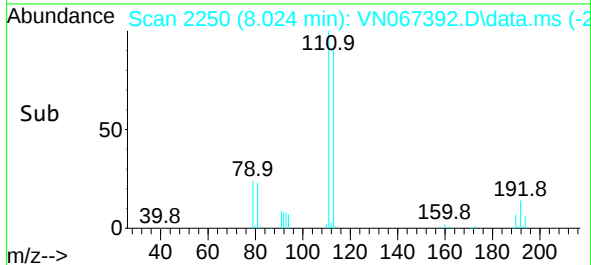
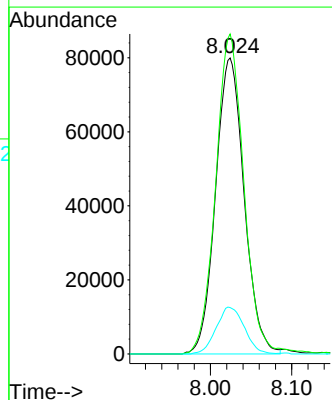
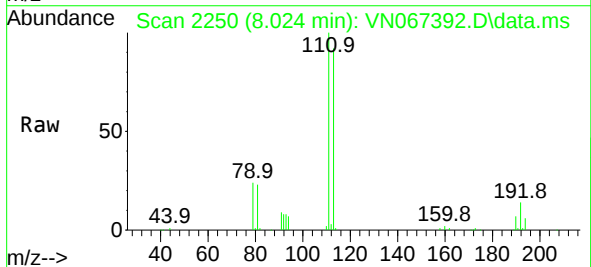
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

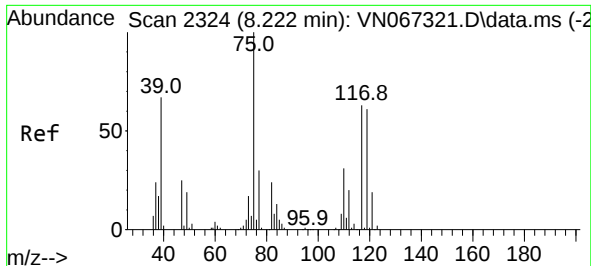
Tgt Ion:114 Resp: 640939
Ion Ratio Lower Upper
114 100
63 25.7 0.0 49.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.776 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion:113 Resp: 195131
Ion Ratio Lower Upper
113 100
111 107.0 83.8 125.8
192 15.6 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.104 ug/l

RT: 8.088 min Scan# 2274

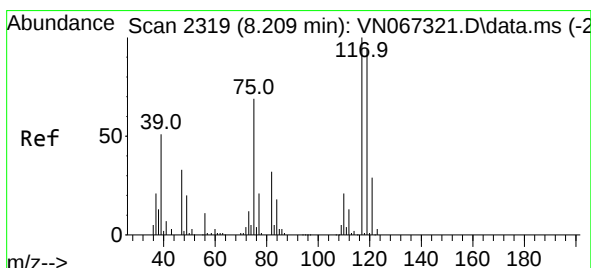
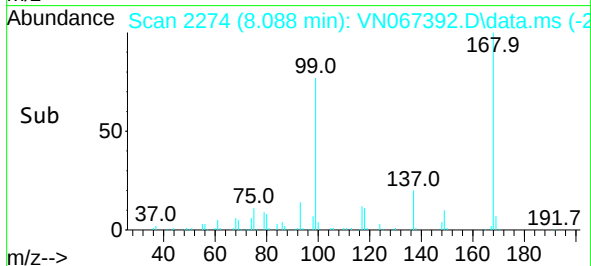
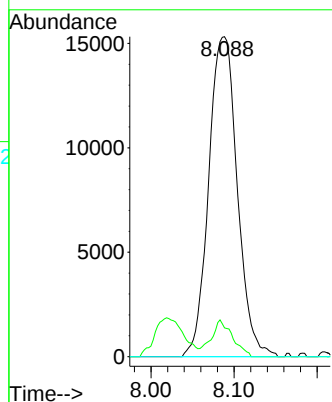
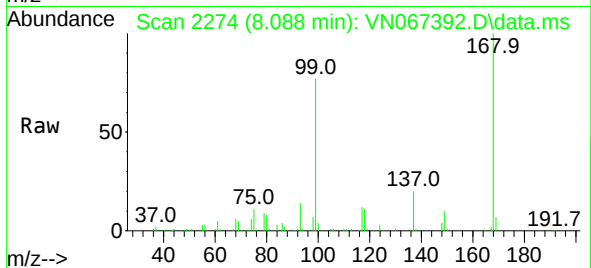
Delta R.T. -0.134 min

Lab File: VN067392.D

Acq: 18 Jun 2021 11:07

Tgt Ion:	75	Resp:	36672
Ion Ratio	Lower	Upper	
75	100		
110	8.5	15.7	47.0#
77	0.0	24.6	37.0#

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01



#38

Carbon Tetrachloride

Concen: 5.208 ug/l

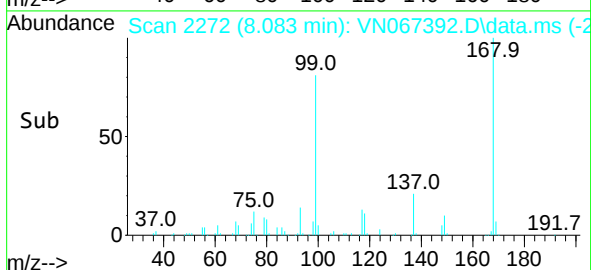
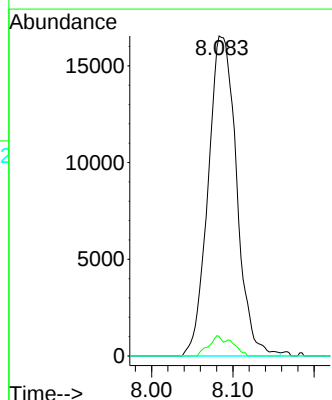
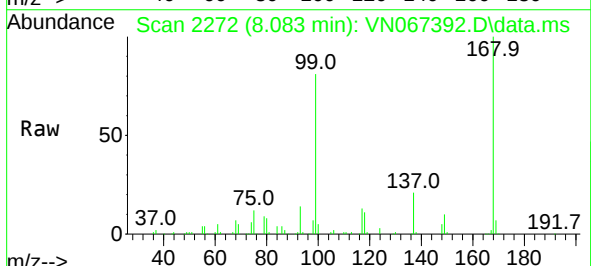
RT: 8.083 min Scan# 2272

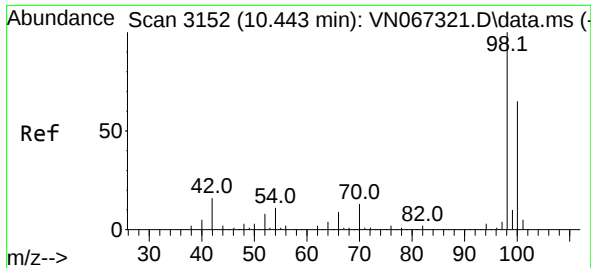
Delta R.T. -0.126 min

Lab File: VN067392.D

Acq: 18 Jun 2021 11:07

Tgt Ion:	117	Resp:	40223
Ion Ratio	Lower	Upper	
117	100		
119	6.1	75.4	113.2#
121	0.0	23.5	35.3#

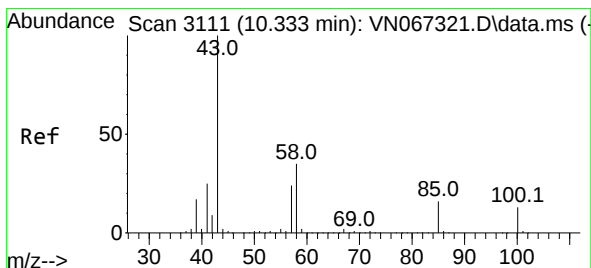
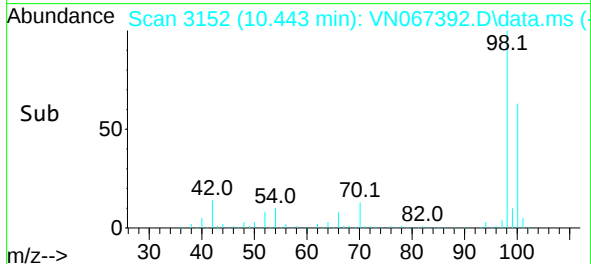
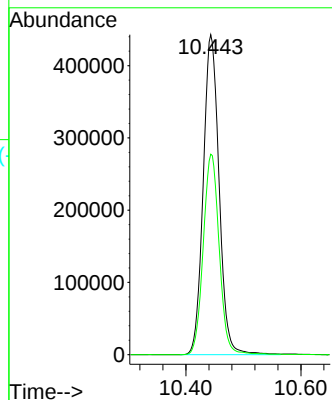
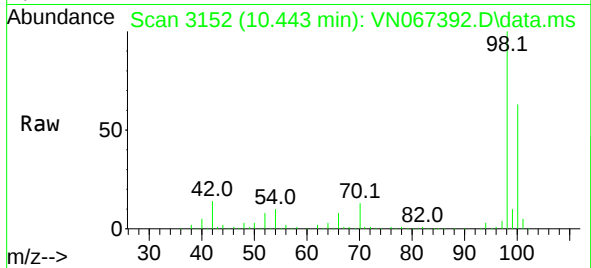




#50
Toluene-d8
Concen: 51.956 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

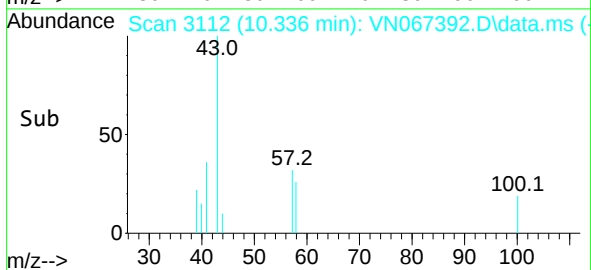
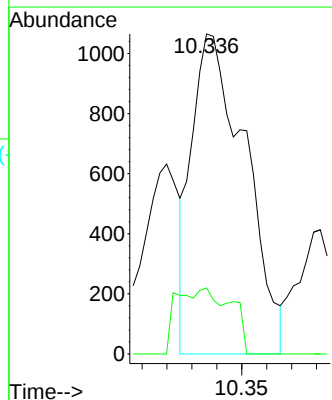
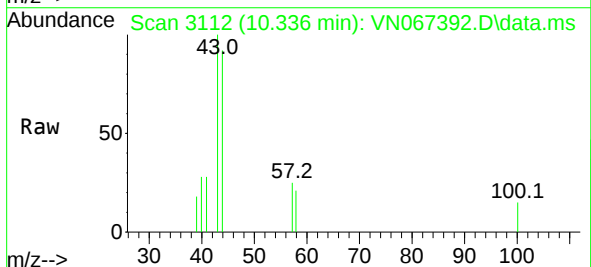
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

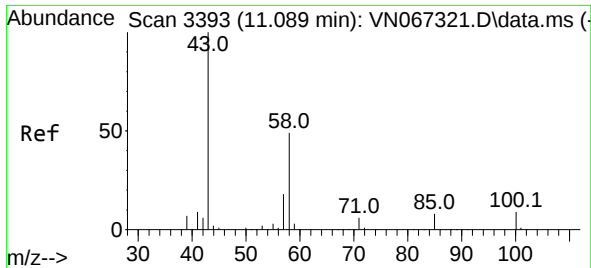
Tgt Ion: 98 Resp: 848874
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.202 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

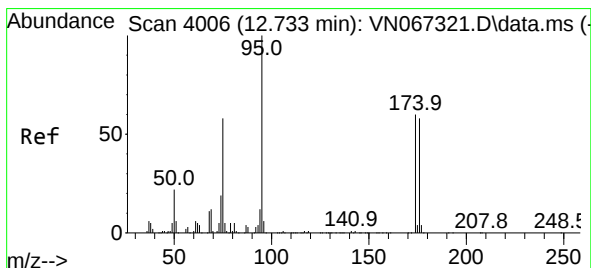
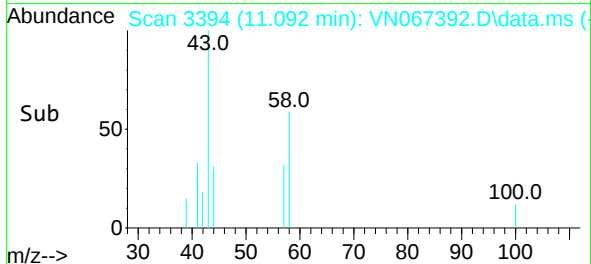
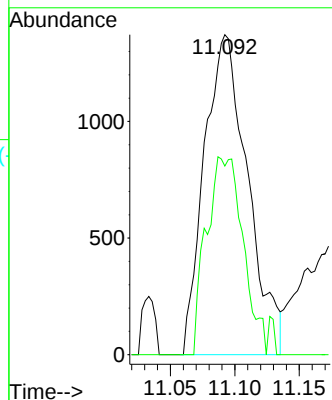
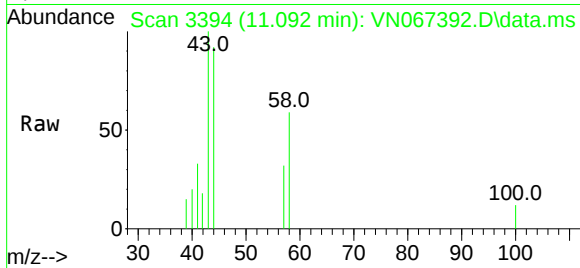




#59
2-Hexanone
Concen: 0.558 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

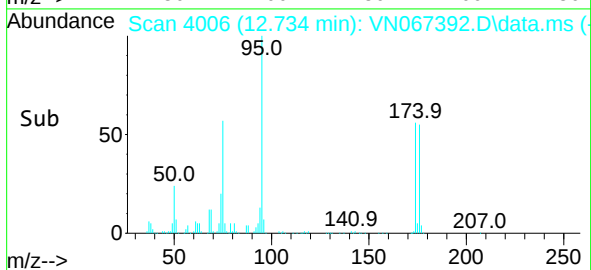
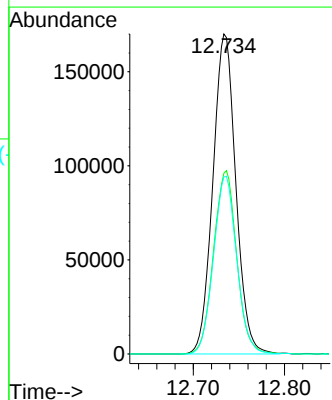
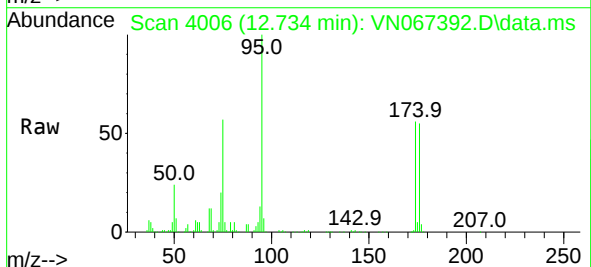
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

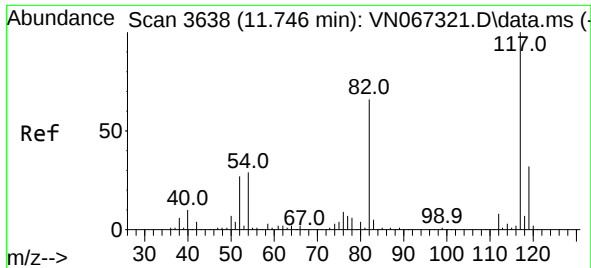
Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
58 52.2 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 44.163 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion: 95 Resp: 297774
Ion Ratio Lower Upper
95 100
174 57.9 0.0 122.0
176 56.1 0.0 117.6

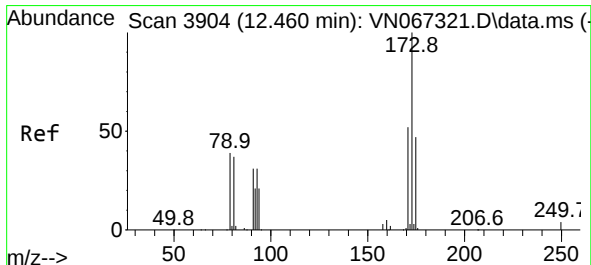
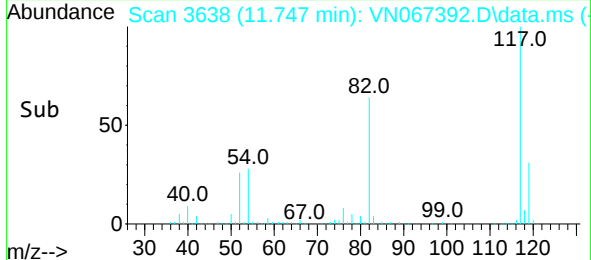
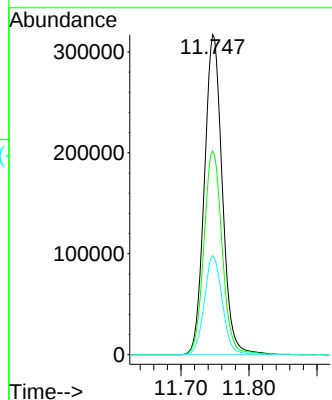
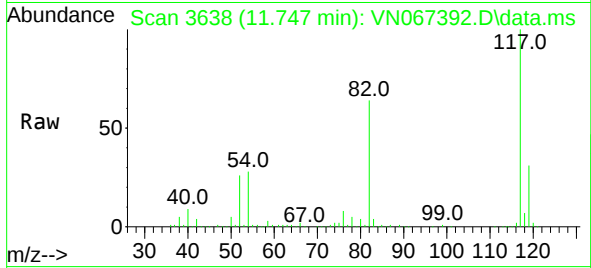




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

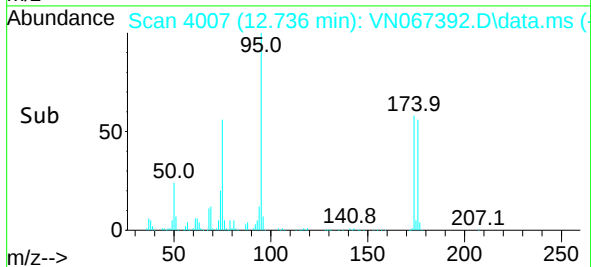
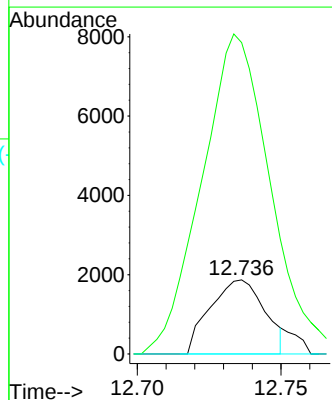
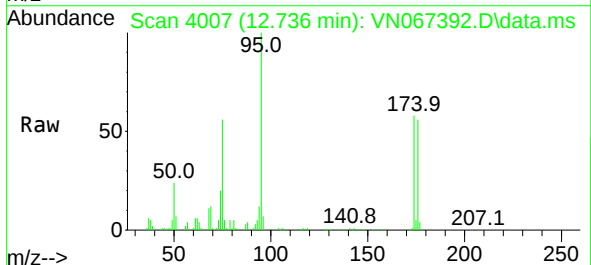
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

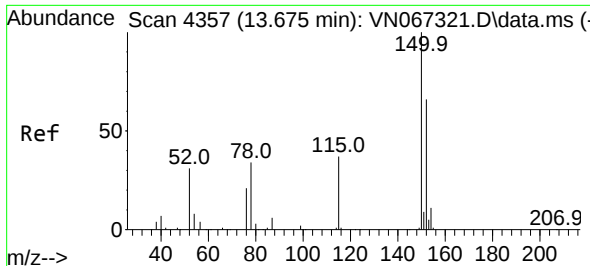
Tgt Ion:117 Resp: 579207
Ion Ratio Lower Upper
117 100
82 63.7 53.1 79.7
119 31.0 25.5 38.3



#71
Bromoform
Concen: 0.688 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion:173 Resp: 2467
Ion Ratio Lower Upper
173 100
175 497.2 23.9 71.8#
254 0.0 0.0 0.0

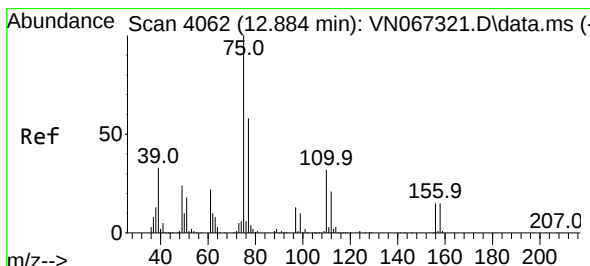
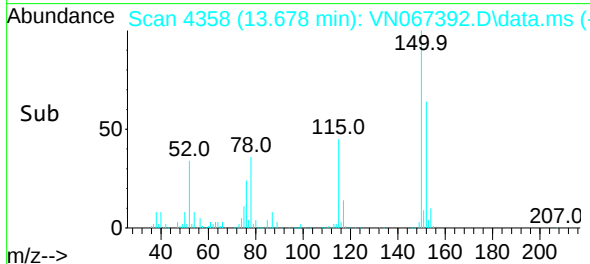
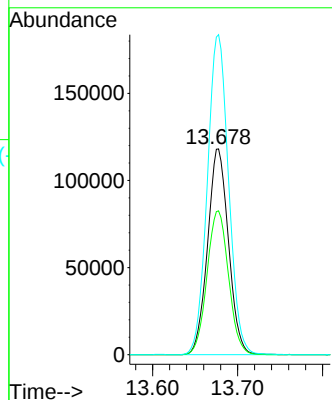
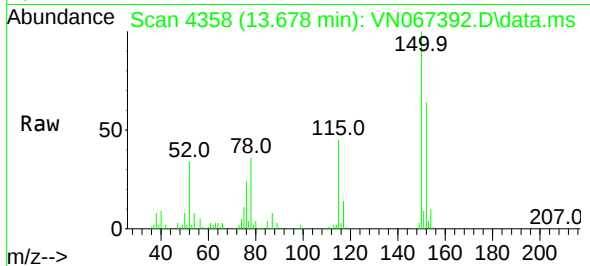




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

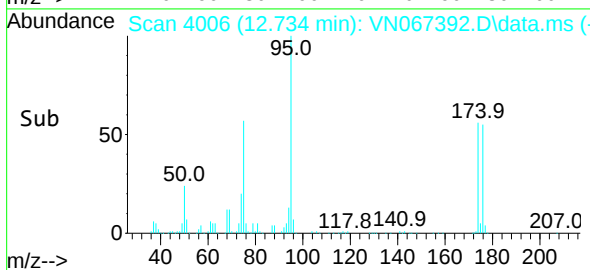
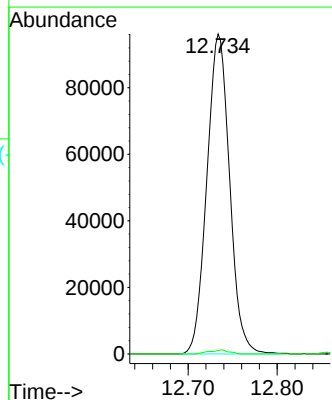
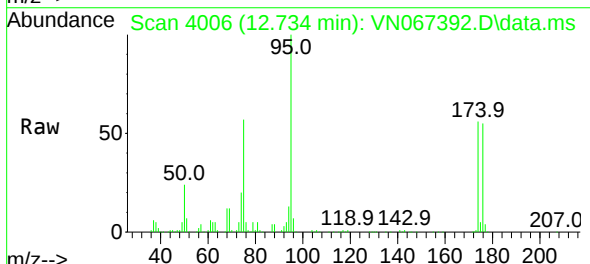
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

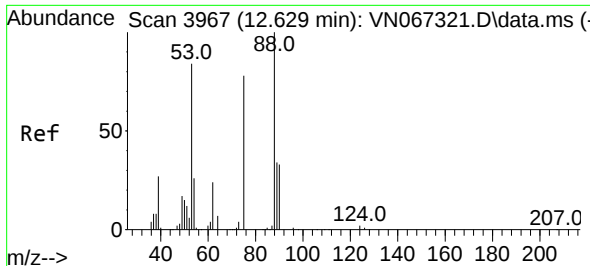
Tgt Ion:152 Resp: 201779
Ion Ratio Lower Upper
152 100
115 72.0 36.1 108.5
150 157.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.526 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

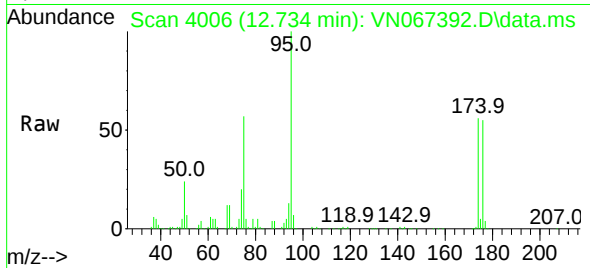
Tgt Ion: 75 Resp: 170432
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



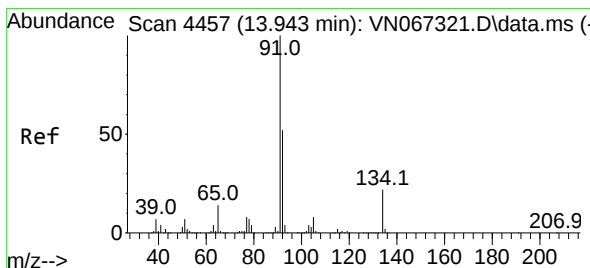
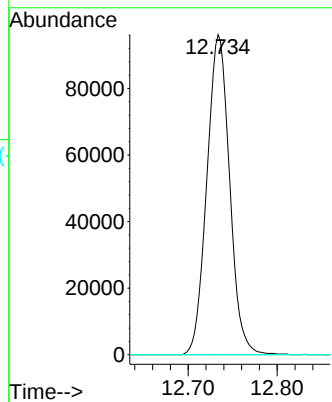
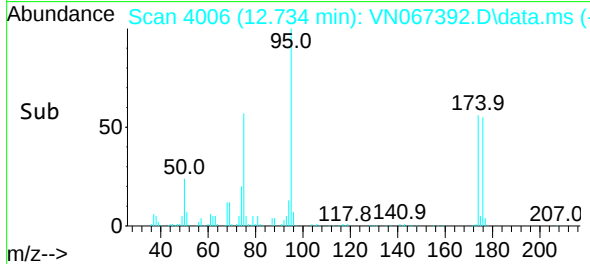


#81
trans-1,4-Dichloro-2-butene
Concen: 80.610 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

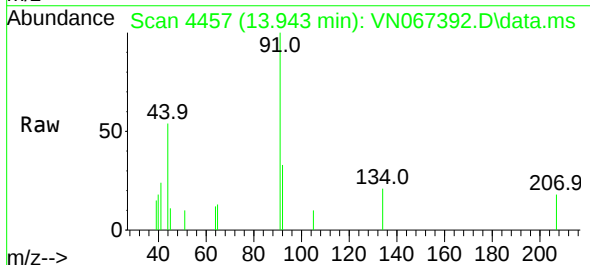
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01



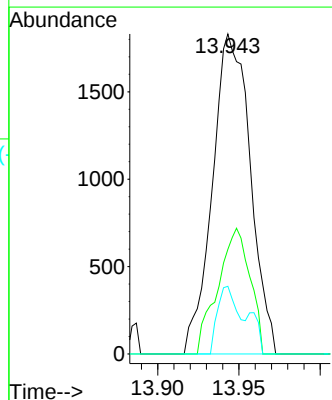
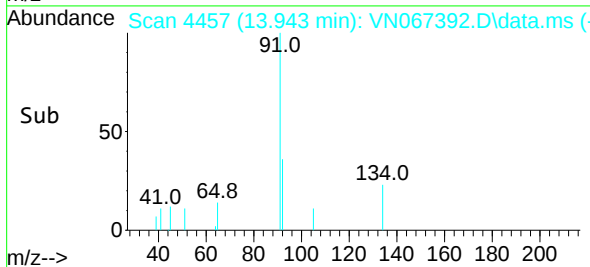
Tgt Ion: 75 Resp: 170432
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

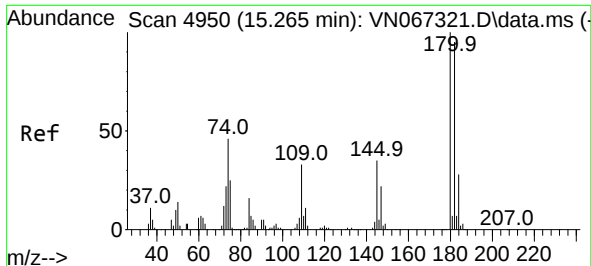


#89
n-Butylbenzene
Concen: 0.213 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07



Tgt Ion: 91 Resp: 2965
Ion Ratio Lower Upper
91 100
92 33.3 25.7 77.1
134 11.8 11.2 33.6

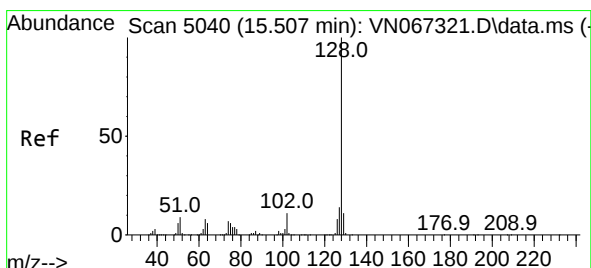
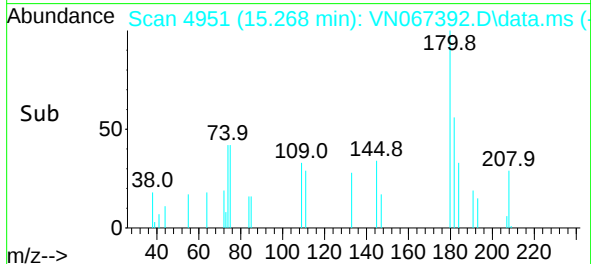
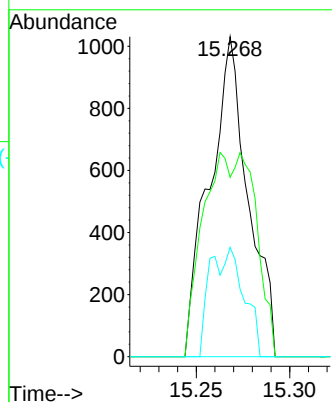
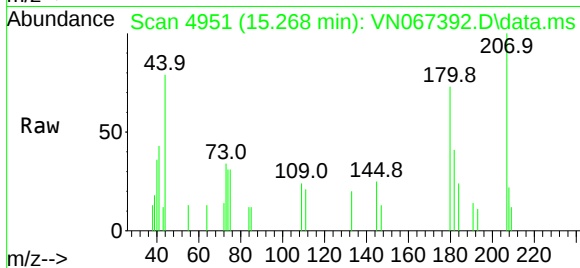




#93
1,2,4-Trichlorobenzene
Concen: 0.421 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

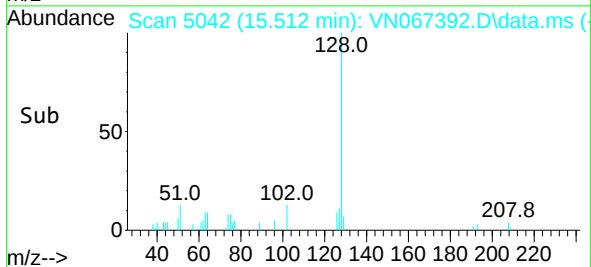
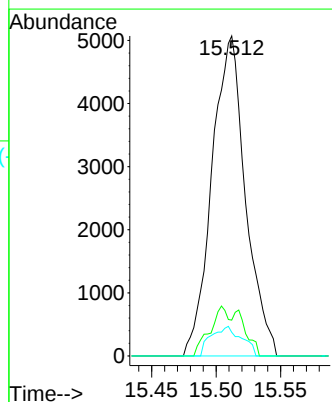
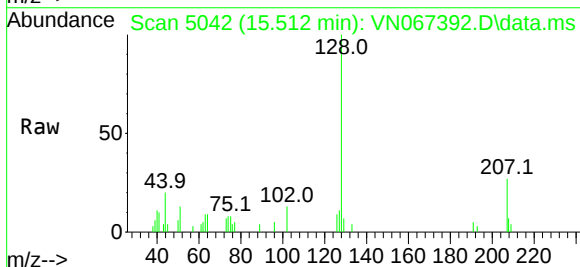
Instrument :
MSVOA_N
ClientSampled :
VN0618WBL01

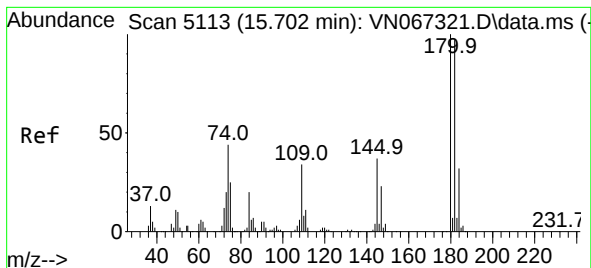
Tgt Ion:180 Resp: 1484
Ion Ratio Lower Upper
180 100
182 47.0 47.5 142.5#
145 11.8 17.2 51.6#



#95
Naphthalene
Concen: 3.317 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067392.D
Acq: 18 Jun 2021 11:07

Tgt Ion:128 Resp: 9174
Ion Ratio Lower Upper
128 100
127 9.4 10.6 15.8#
129 8.4 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.338 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN067392.D
 Acq: 18 Jun 2021 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Tgt Ion:180 Resp: 1143
 Ion Ratio Lower Upper
 180 100
 182 141.6 47.8 143.3
 145 49.7 18.2 54.6

