

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068621.D
 Acq On : 23 Sep 2021 15:37
 Operator : JC/MD
 Sample : VN0923WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL01

Quant Time: Sep 23 16:16:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	636648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1058643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	902102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	330787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	576539	58.234	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.460%	
35) Dibromofluoromethane	8.024	113	398870	56.395	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.780%	
50) Toluene-d8	10.443	98	1579218	52.599	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.733	95	469497	45.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.440%	

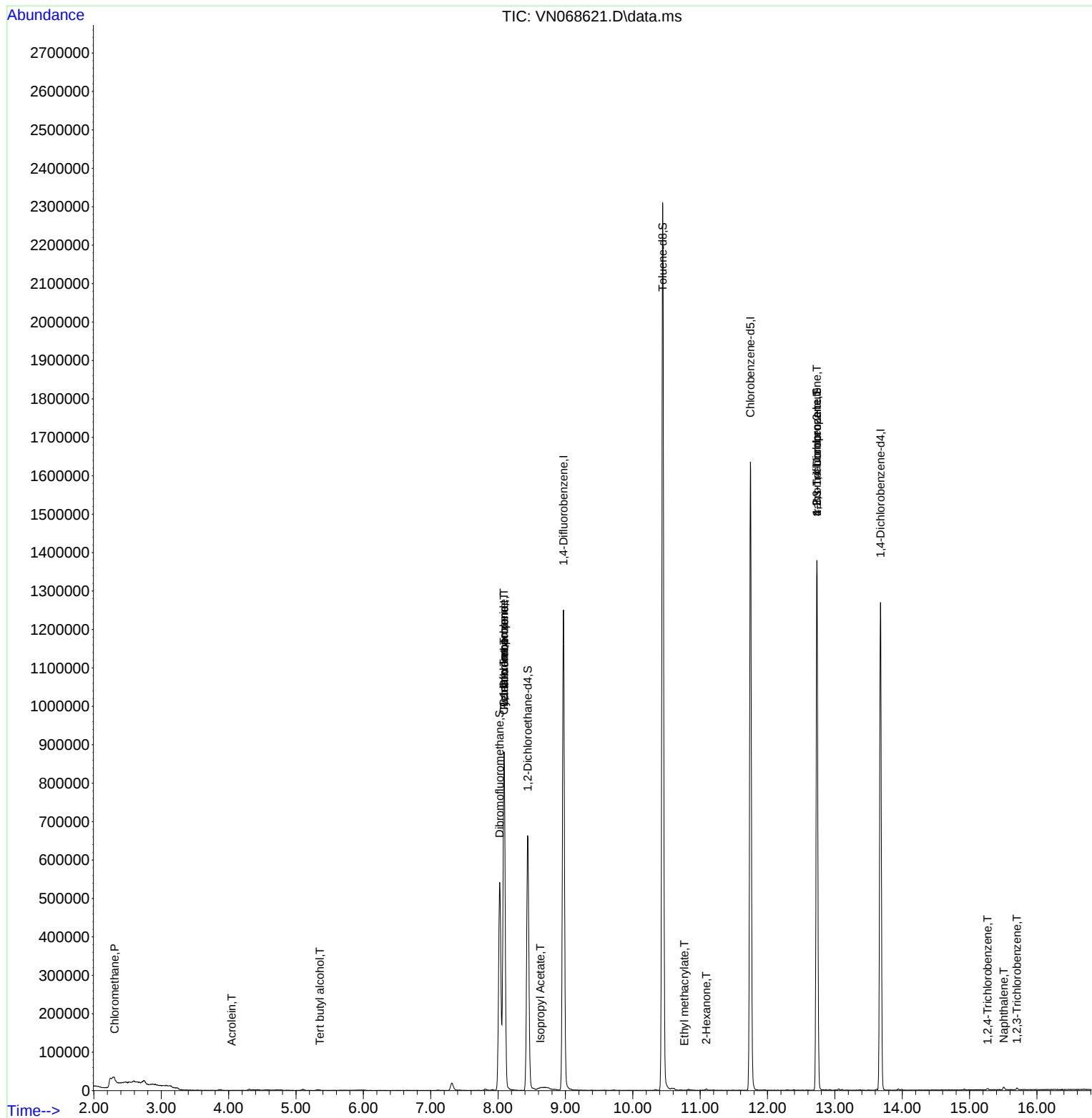
Target Compounds			Qvalue			
3) Chloromethane	2.306	50	2845	0.253 ug/l #	86	
5) Bromomethane	2.872	94	1166	Below Cal	92	
11) Tert butyl alcohol	5.353	59	722	0.472 ug/l #	71	
13) Acrolein	4.044	56	50	6.926 ug/l #	14	
16) Acetone	4.304	43	4109	Below Cal	95	
20) Methylene Chloride	5.095	84	1183	Below Cal #	69	
31) Cyclohexane	8.086	56	17088	1.225 ug/l #	28	
36) 1,1-Dichloropropene	8.088	75	54691	5.115 ug/l #	52	
38) Carbon Tetrachloride	8.088	117	69181	6.265 ug/l #	17	
43) Isopropyl Acetate	8.627	43	6302	0.303 ug/l #	58	
56) Ethyl methacrylate	10.765	69	153	0.716 ug/l #	66	
59) 2-Hexanone	11.089	43	3441	0.381 ug/l	70	
76) 1,2,3-Trichloropropane	12.733	75	265956	32.517 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.733	75	265956	91.853 ug/l #	6	
93) 1,2,4-Trichlorobenzene	15.268	180	1344	0.242 ug/l	69	
95) Naphthalene	15.507	128	6548	1.995 ug/l #	93	
96) 1,2,3-Trichlorobenzene	15.702	180	1563	0.288 ug/l	94	

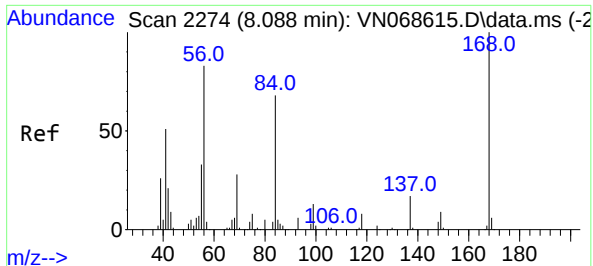
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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Quant Time: Sep 23 16:16:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 13:52:37 2021
Response via : Initial Calibration

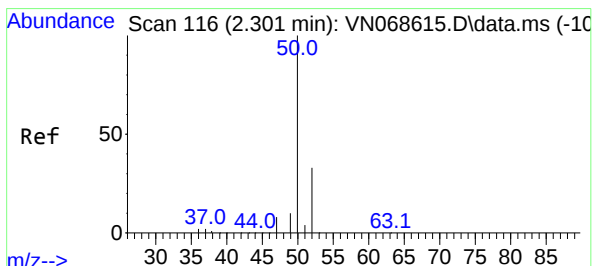
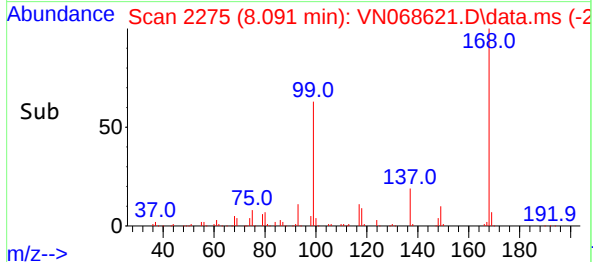
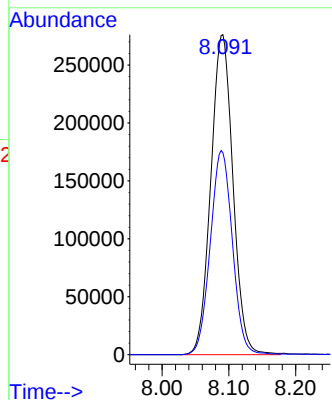
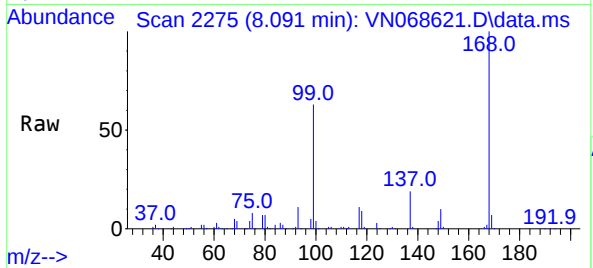




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

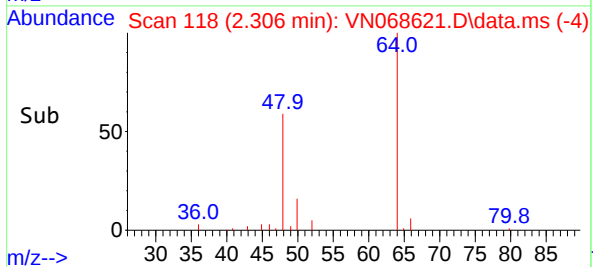
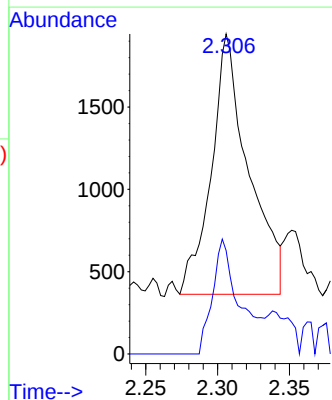
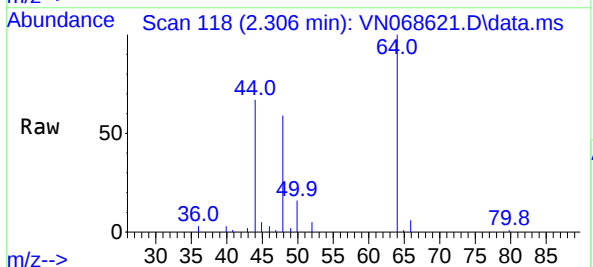
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

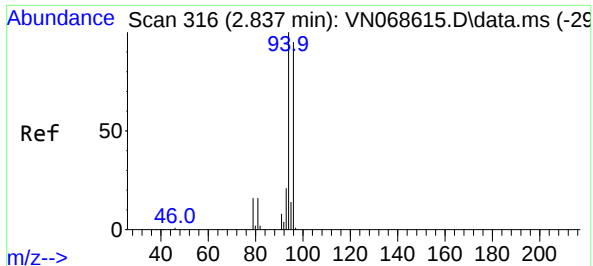
Tgt Ion:168 Resp: 636648
Ion Ratio Lower Upper
168 100
99 63.1 62.9 94.3



#3
Chloromethane
Concen: 0.253 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 50 Resp: 2845
Ion Ratio Lower Upper
50 100
52 39.7 25.6 38.4#

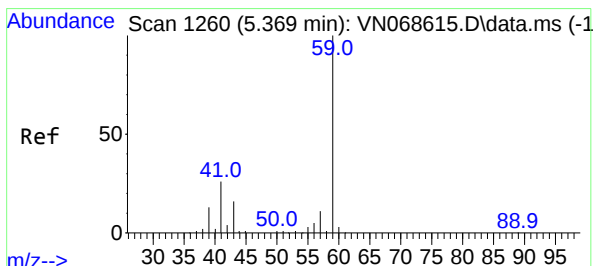
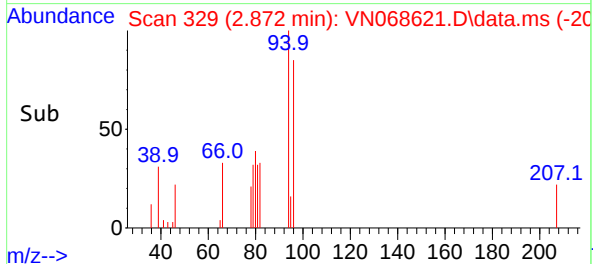
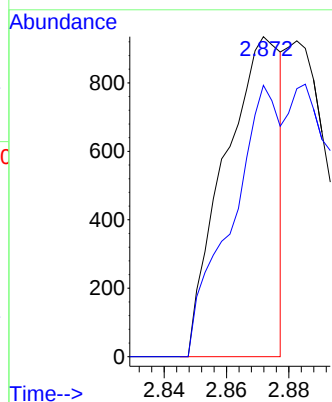
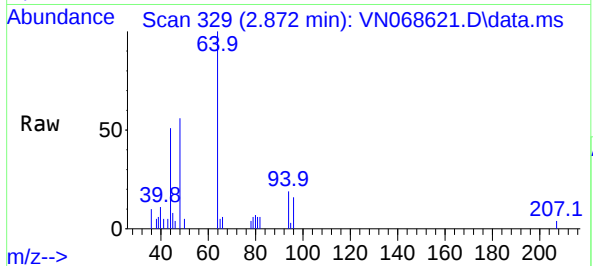




#5
Bromomethane
Concen: Below Cal
RT: 2.872 min Scan# 329
Delta R.T. 0.035 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

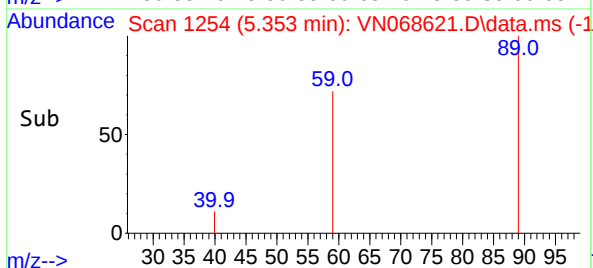
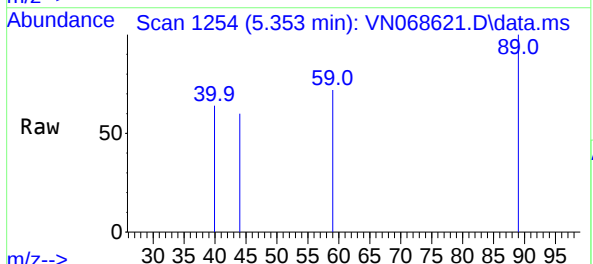
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

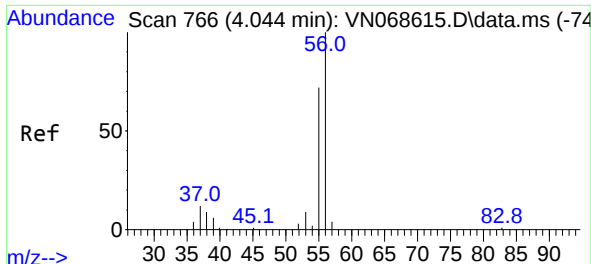
Tgt Ion: 94 Resp: 1166
Ion Ratio Lower Upper
94 100
96 84.8 73.7 110.5



#11
Tert butyl alcohol
Concen: 0.472 ug/l
RT: 5.353 min Scan# 1254
Delta R.T. -0.016 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

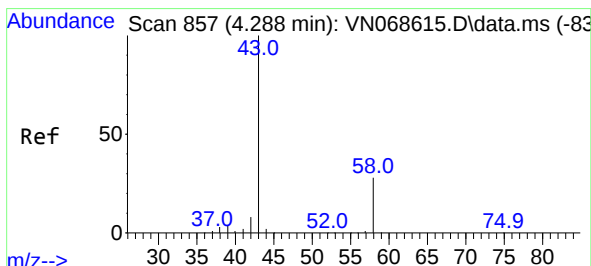
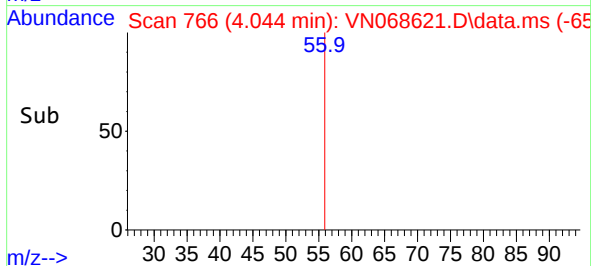
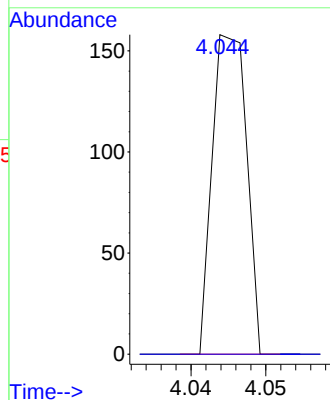
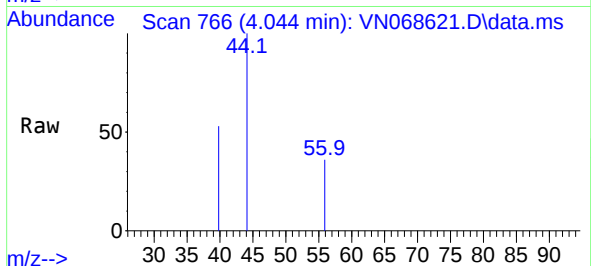




#13
Acrolein
Concen: 6.926 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

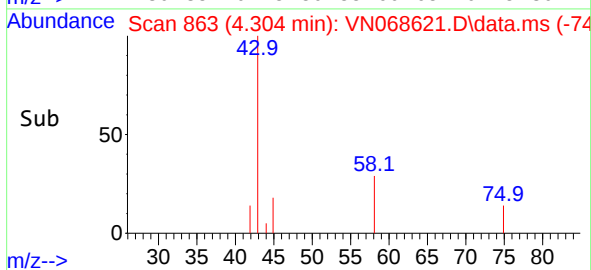
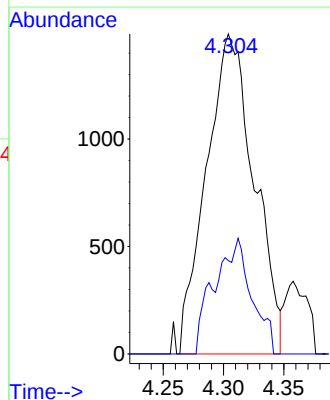
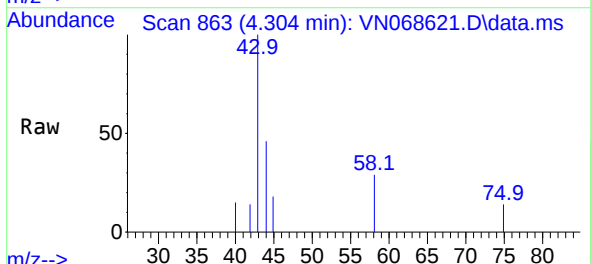
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

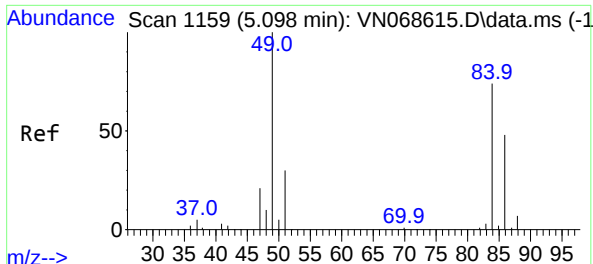
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 43 Resp: 4109
Ion Ratio Lower Upper
43 100
58 29.1 21.2 31.8



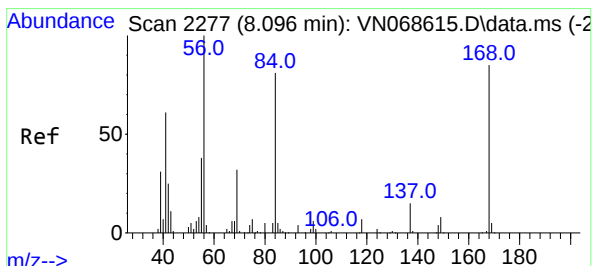
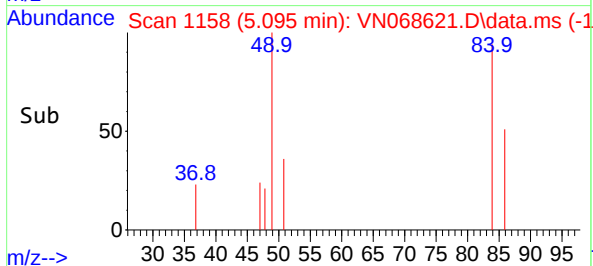
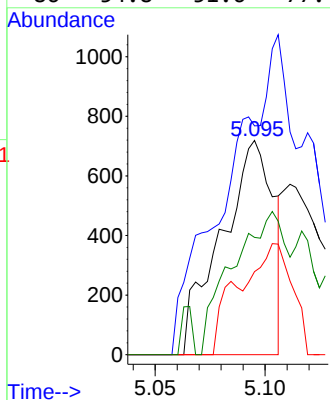
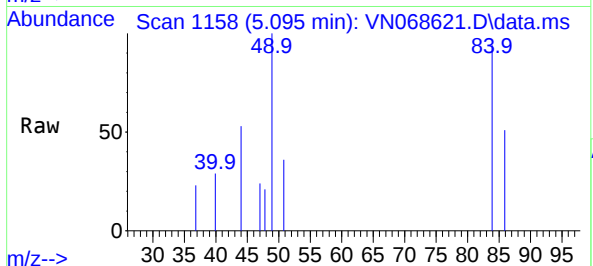


#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. -0.003 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

Tgt Ion: 84 Resp: 1183

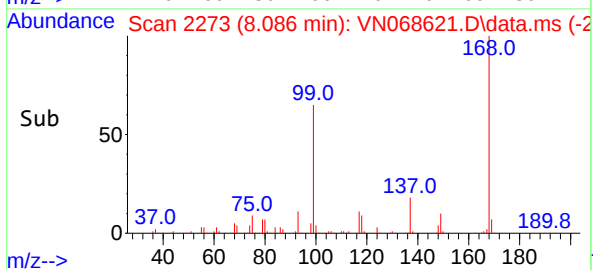
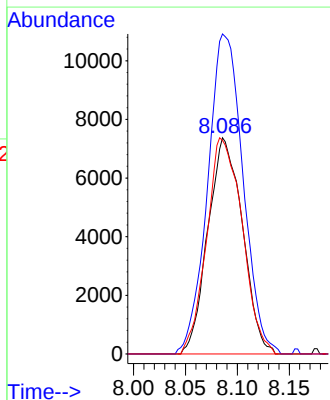
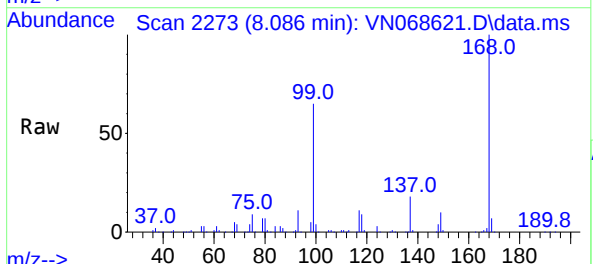
Ion	Ratio	Lower	Upper
84	100		
49	80.1	110.9	166.3#
51	38.8	32.6	49.0
86	54.8	51.6	77.4

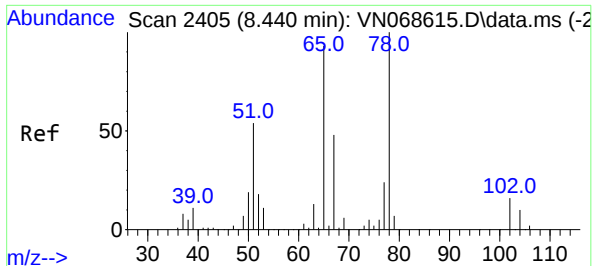


#31
Cyclohexane
Concen: 1.225 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 56 Resp: 17088

Ion	Ratio	Lower	Upper
56	100		
69	146.0	27.3	40.9#
84	98.8	64.9	97.3#



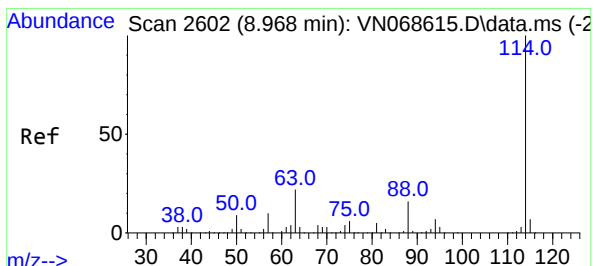
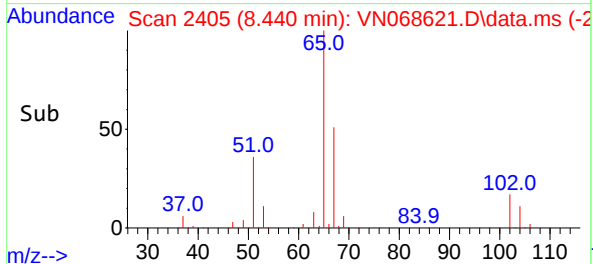
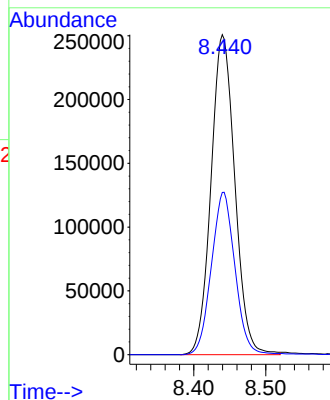
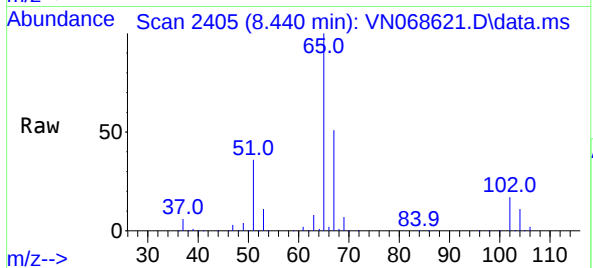


#33

1,2-Dichloroethane-d4
Concen: 58.234 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

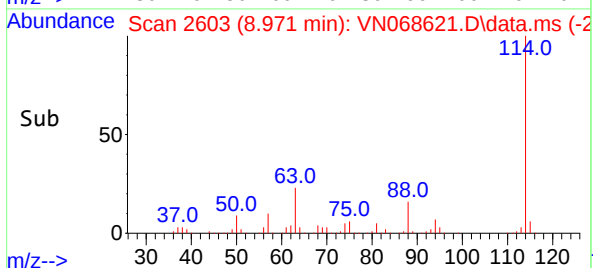
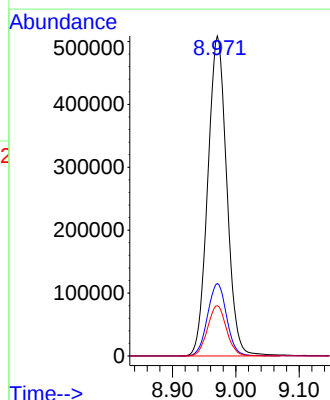
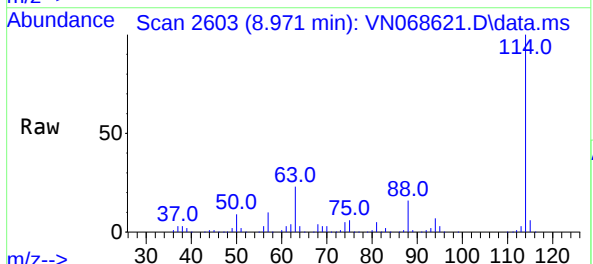
Tgt Ion: 65 Resp: 576539
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

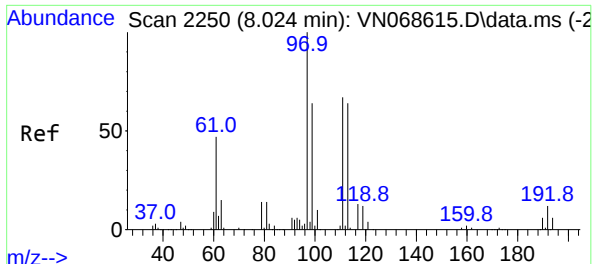


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 114 Resp: 1058643
Ion Ratio Lower Upper
114 100
63 22.7 0.0 49.0
88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 56.395 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN068621.D

Acq: 23 Sep 2021 15:37

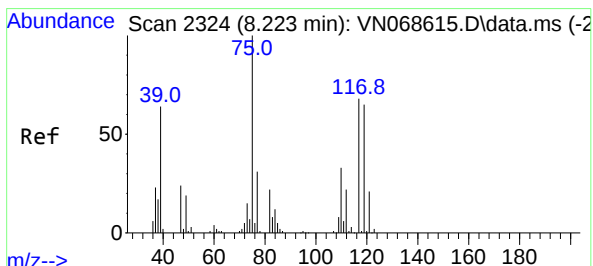
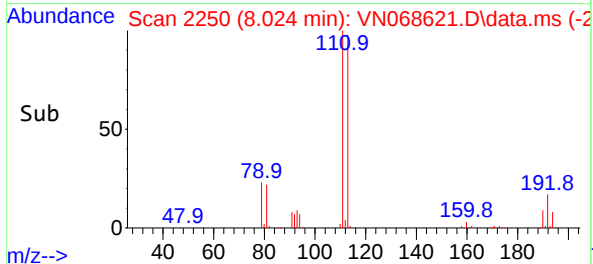
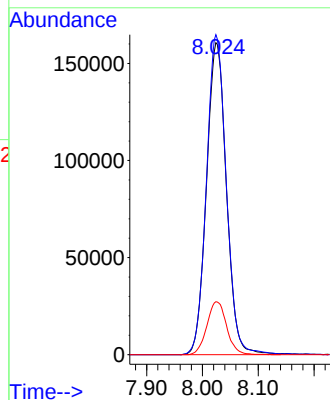
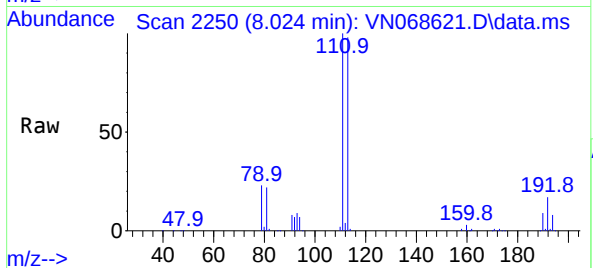
Tgt Ion:113 Resp: 398870

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.8

192 16.8 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.115 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.135 min

Lab File: VN068621.D

Acq: 23 Sep 2021 15:37

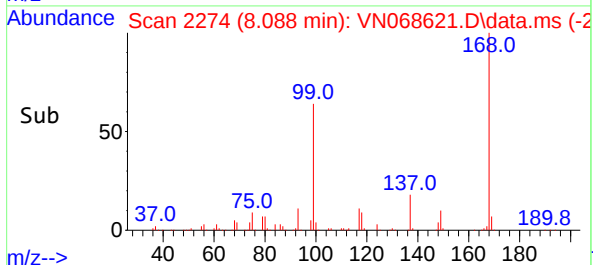
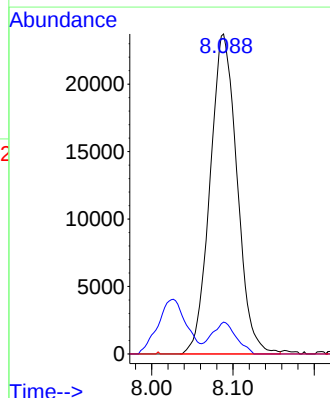
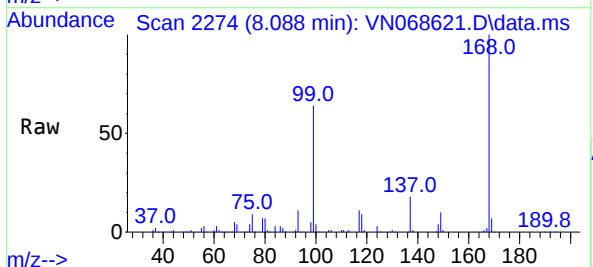
Tgt Ion: 75 Resp: 54691

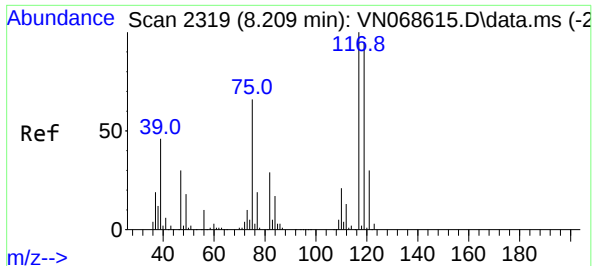
Ion Ratio Lower Upper

75 100

110 9.1 15.7 47.0#

77 0.0 24.6 37.0#

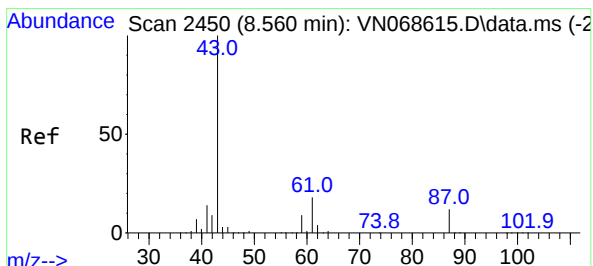
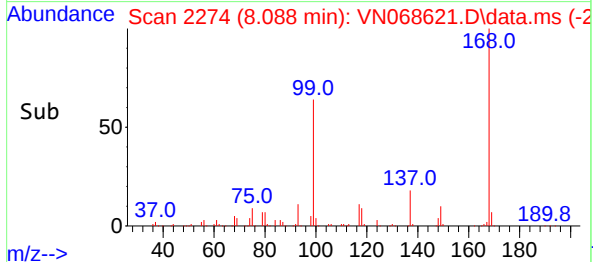
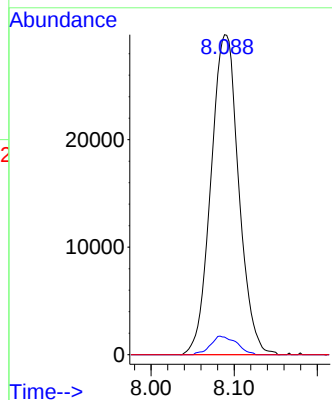
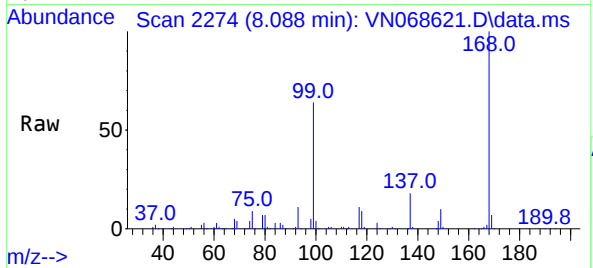




#38
Carbon Tetrachloride
Concen: 6.265 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

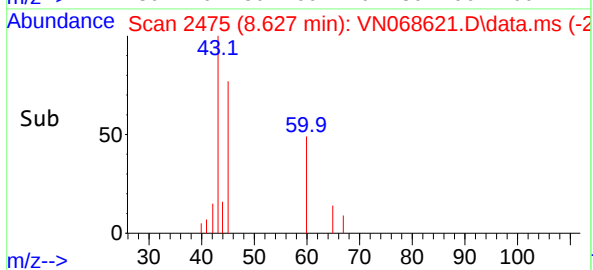
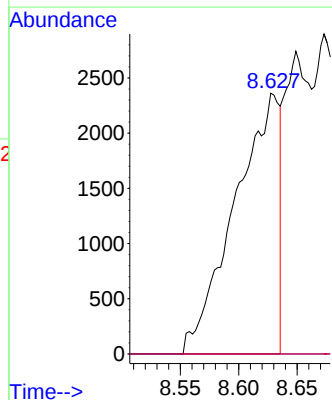
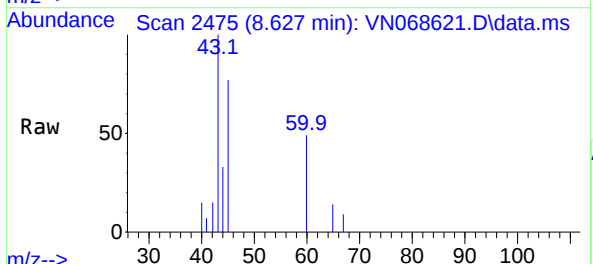
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

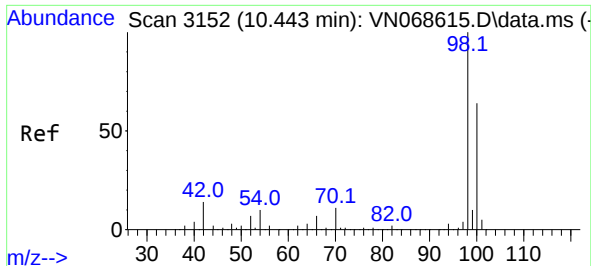
Tgt Ion:117 Resp: 69181
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.303 ug/l
RT: 8.627 min Scan# 2475
Delta R.T. 0.067 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 43 Resp: 6302
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

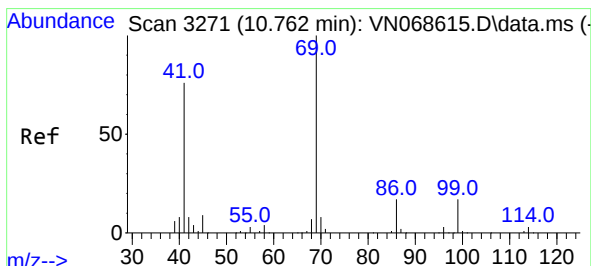
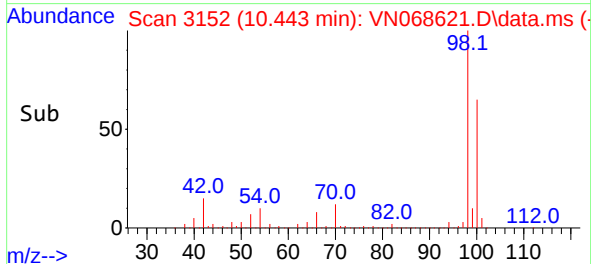
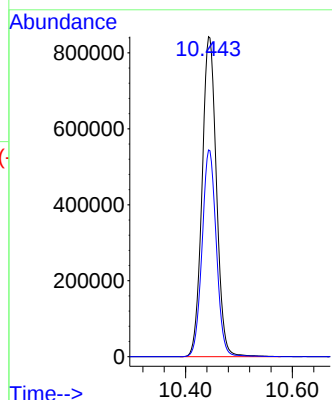
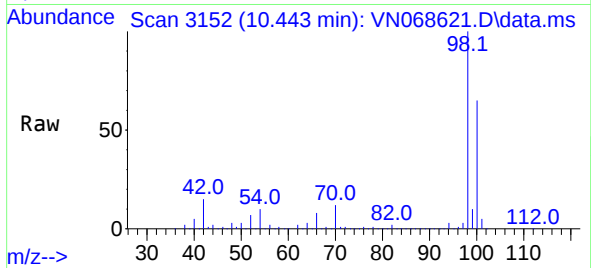




#50
Toluene-d8
Concen: 52.599 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

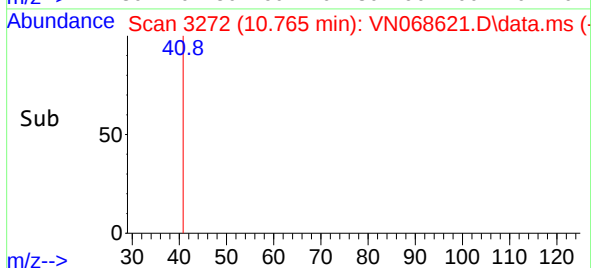
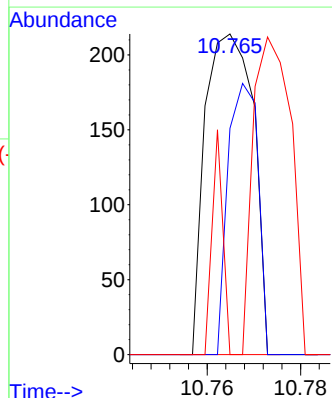
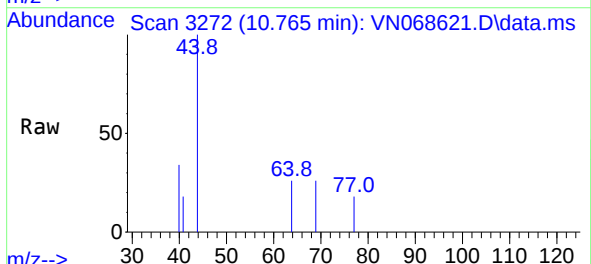
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

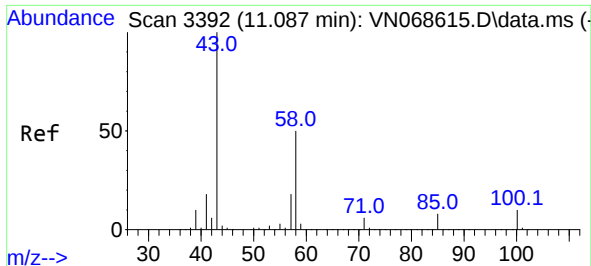
Tgt Ion: 98 Resp: 1579218
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#56
Ethyl methacrylate
Concen: 0.716 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 69 Resp: 153
Ion Ratio Lower Upper
69 100
41 52.3 58.6 88.0#
39 15.7 38.3 57.5#

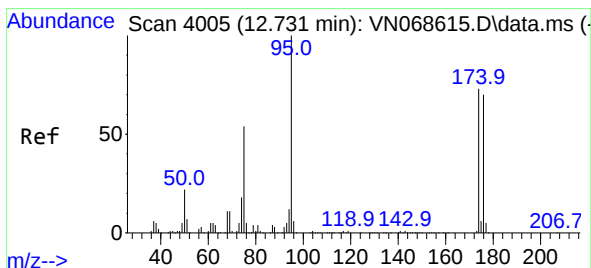
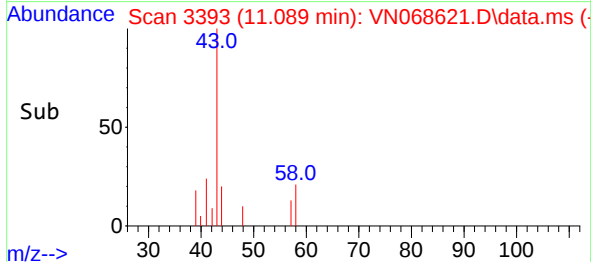
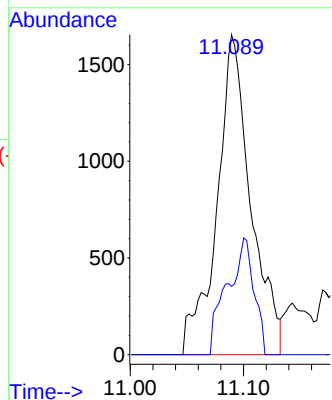
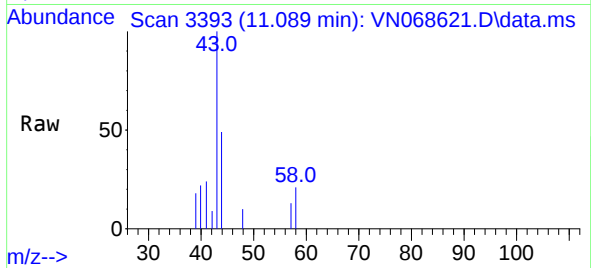




#59
2-Hexanone
Concen: 0.381 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

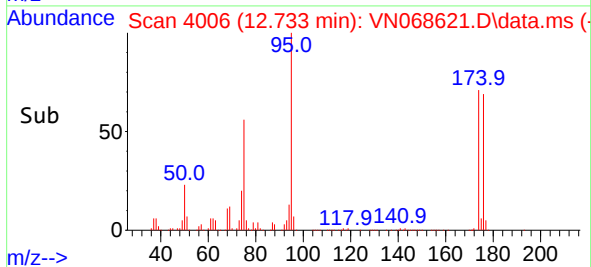
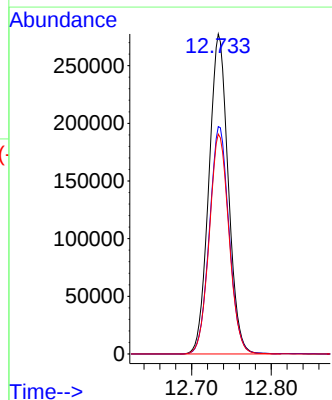
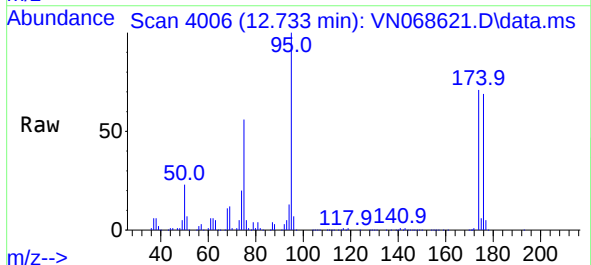
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

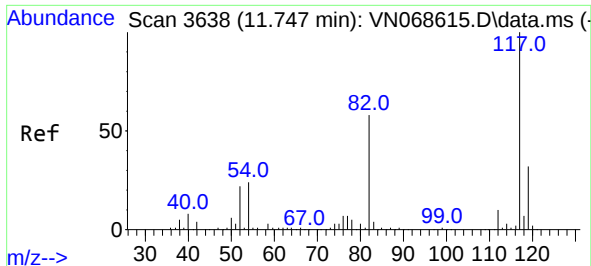
Tgt Ion: 43 Resp: 3441
Ion Ratio Lower Upper
43 100
58 28.8 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 45.723 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 95 Resp: 469497
Ion Ratio Lower Upper
95 100
174 72.3 0.0 122.0
176 70.0 0.0 117.6

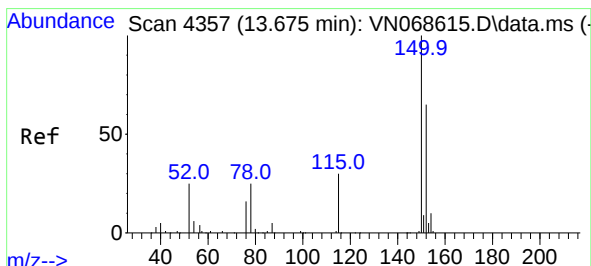
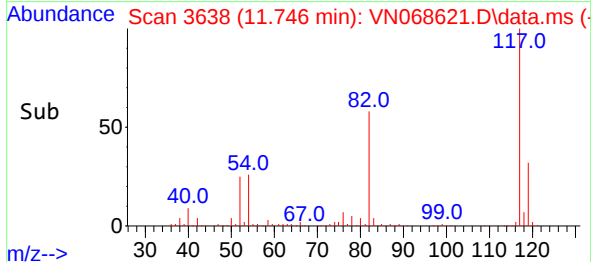
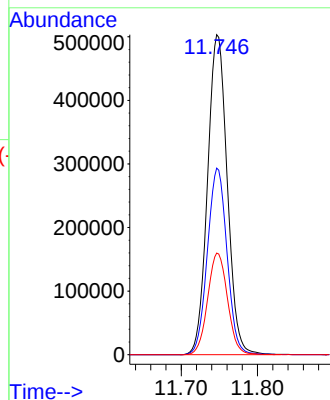
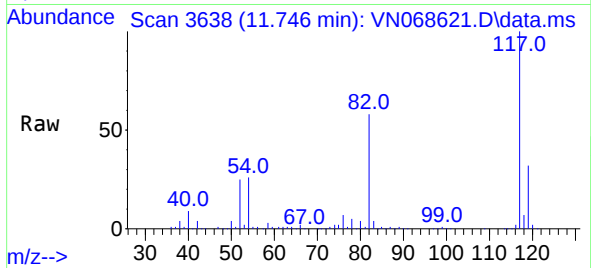




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

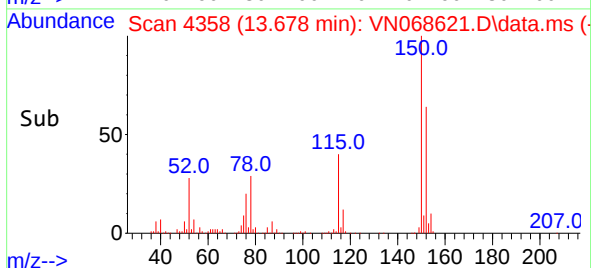
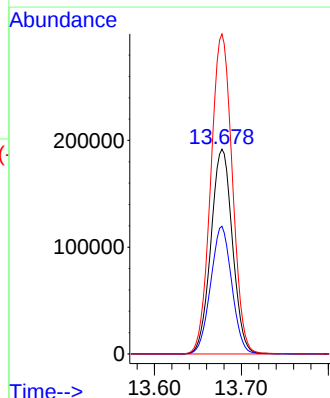
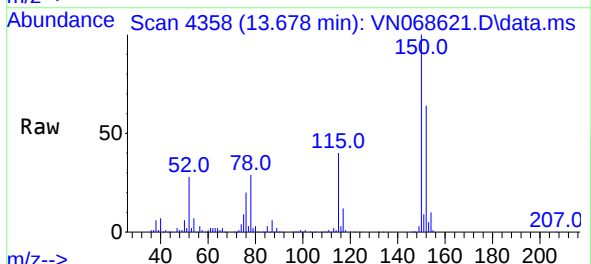
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

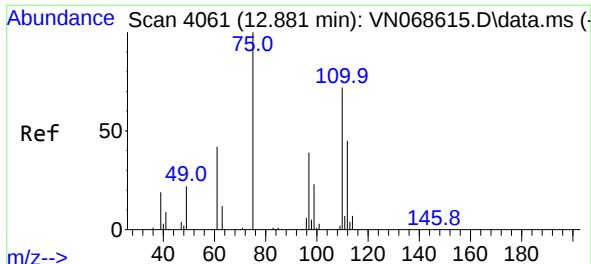
Tgt Ion:117 Resp: 902102
Ion Ratio Lower Upper
117 100
82 58.3 53.1 79.7
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion:152 Resp: 330787
Ion Ratio Lower Upper
152 100
115 61.2 36.1 108.5
150 156.0 0.0 351.8

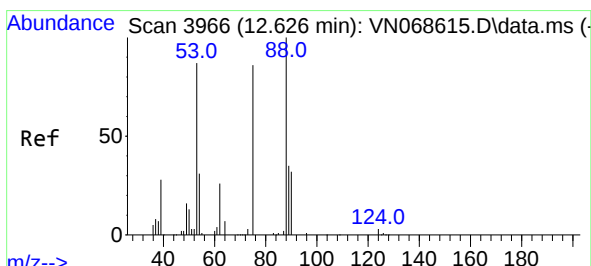
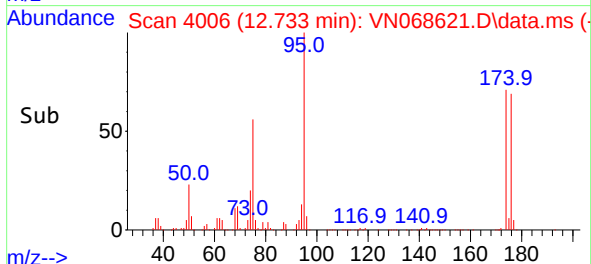
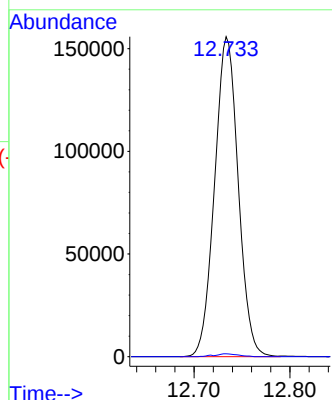
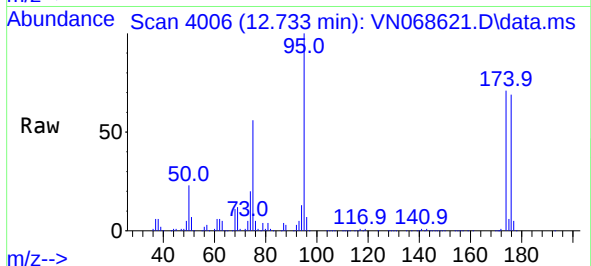




#76
1,2,3-Trichloropropane
Concen: 32.517 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

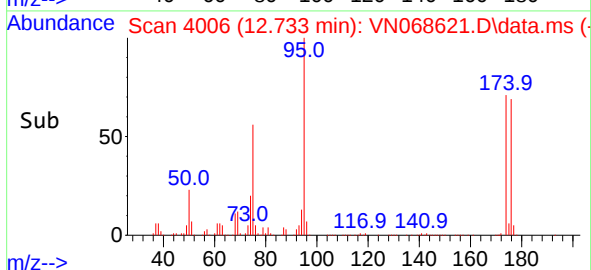
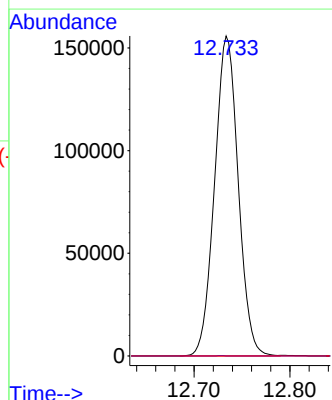
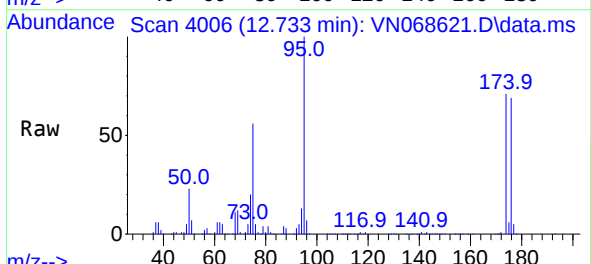
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

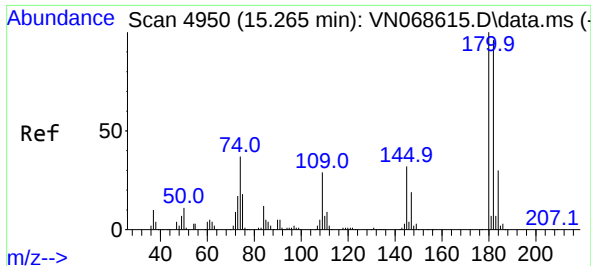
Tgt Ion: 75 Resp: 265956
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.853 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion: 75 Resp: 265956
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

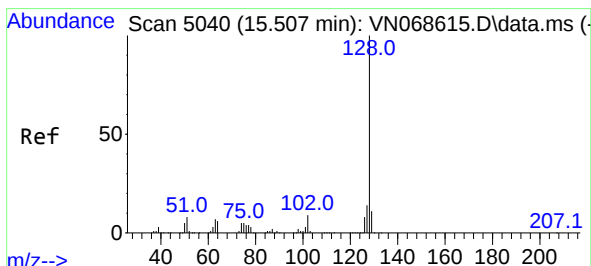
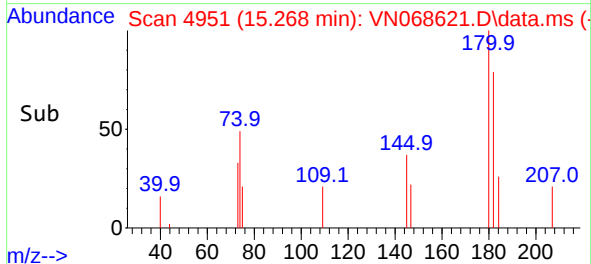
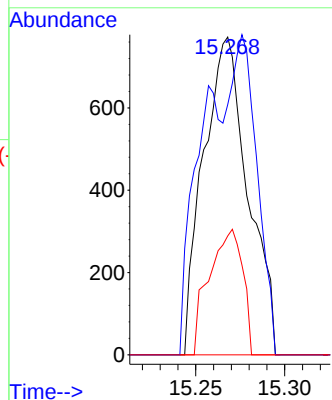
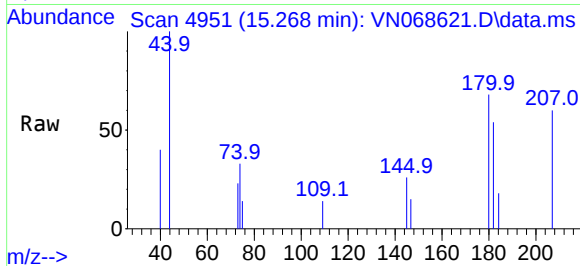




#93
1,2,4-Trichlorobenzene
Concen: 0.242 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

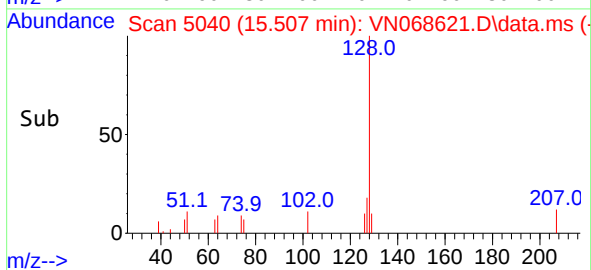
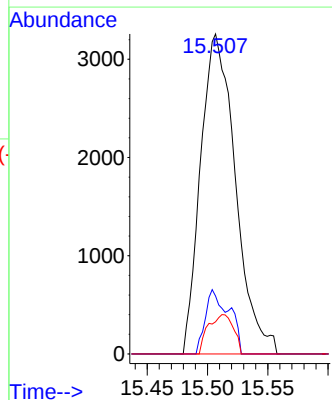
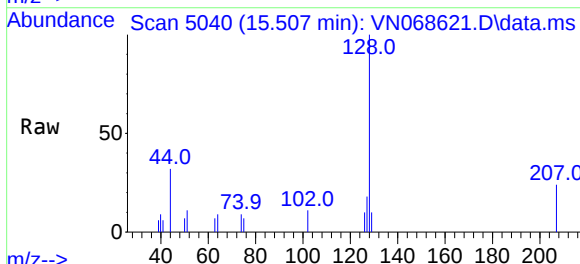
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL01

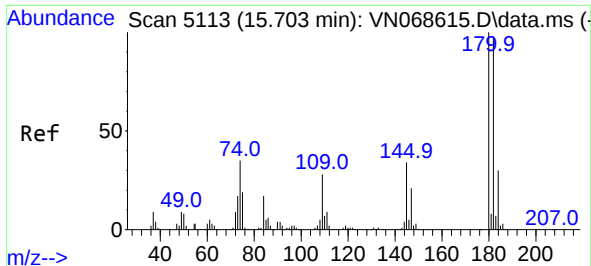
Tgt Ion:	180	Resp:	1344
Ion	Ratio	Lower	Upper
180	100		
182	56.5	47.5	142.5
145	29.7	17.2	51.6



#95
Naphthalene
Concen: 1.995 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068621.D
Acq: 23 Sep 2021 15:37

Tgt Ion:	128	Resp:	6548
Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.6	15.8#
129	8.9	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.288 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. -0.001 min
 Lab File: VN068621.D
 Acq: 23 Sep 2021 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL01

Tgt Ion:180 Resp: 1563

Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.8	143.3
145	29.8	18.2	54.6

