

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068759.D
 Acq On : 30 Sep 2021 12:58
 Operator : JC/MD
 Sample : VN0930WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBL01

Quant Time: Sep 30 15:18:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

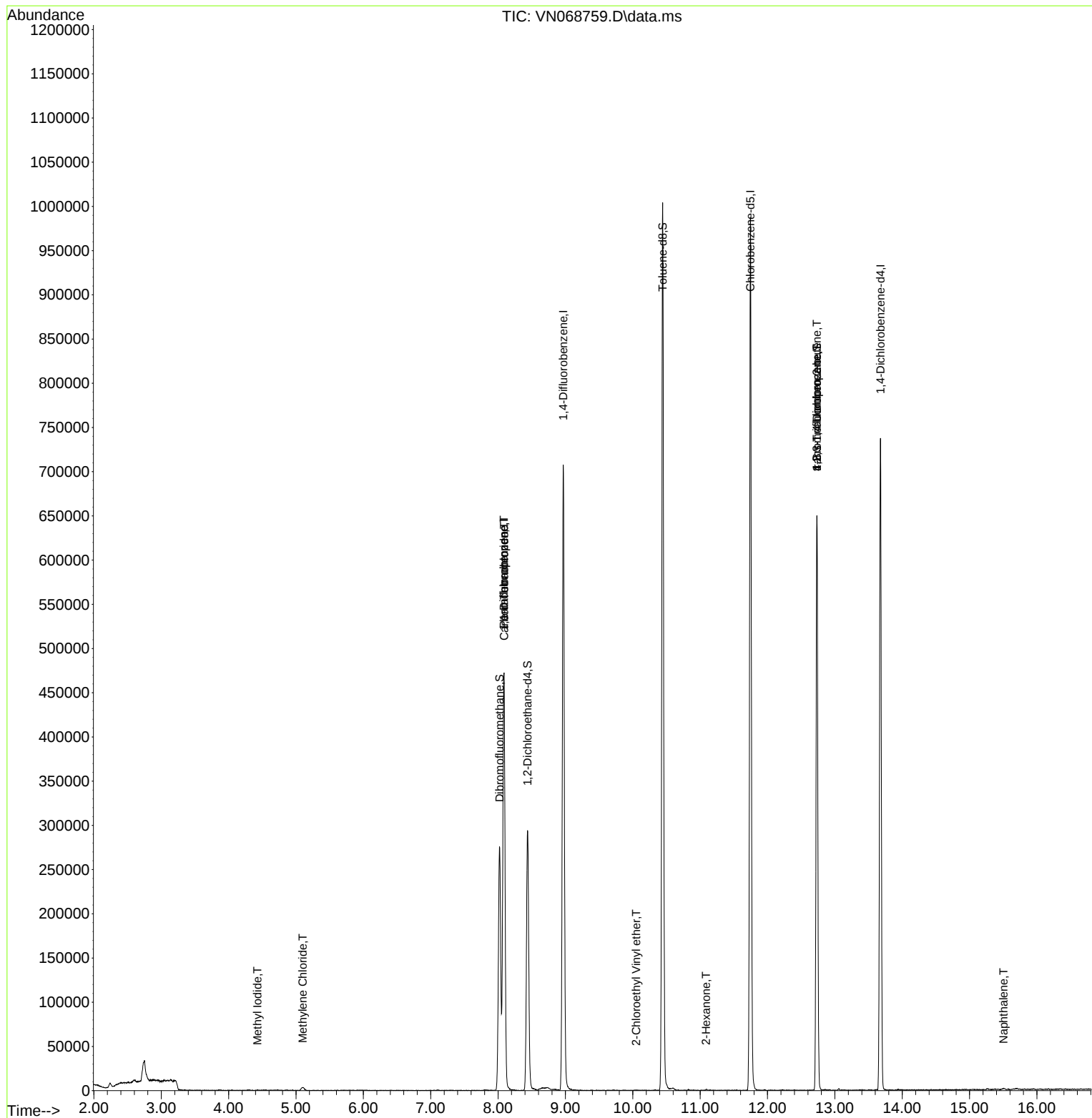
Internal Standards						
1) Pentafluorobenzene	8.088	168	347168	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	613112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	558133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	193177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	246725	51.006	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.020%	
35) Dibromofluoromethane	8.021	113	200002	52.502	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.000%	
50) Toluene-d8	10.443	98	691674	49.688	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.734	95	209919	43.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.800%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	449	Below Cal	#	43
5) Bromomethane	2.821	94	108	Below Cal	#	4
6) Chloroethane	3.019	64	280	Below Cal	#	84
10) Methyl Iodide	4.428	142	25	1.358	ug/l #	33
13) Acrolein	4.041	56	60	Below Cal	#	14
16) Acetone	4.288	43	409	Below Cal	#	86
17) Carbon Disulfide	4.535	76	452	Below Cal	#	74
20) Methylene Chloride	5.101	84	1950	0.464	ug/l #	61
31) Cyclohexane	8.083	56	9212	Below Cal	#	39
36) 1,1-Dichloropropene	8.086	75	30368	5.266	ug/l #	50
38) Carbon Tetrachloride	8.091	117	38043	5.554	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.052	63	108	3.330	ug/l #	50
59) 2-Hexanone	11.087	43	876	0.209	ug/l #	57
76) 1,2,3-Trichloropropane	12.734	75	123679	28.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	123679	83.690	ug/l #	6
95) Naphthalene	15.504	128	1120	1.566	ug/l #	85

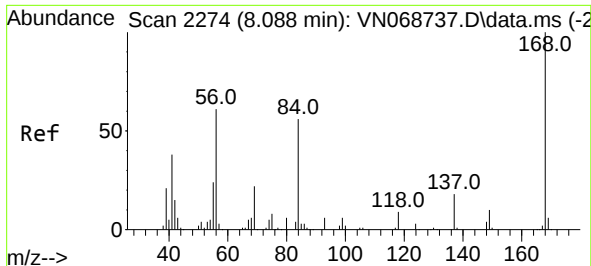
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 15:18:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 23:31:35 2021
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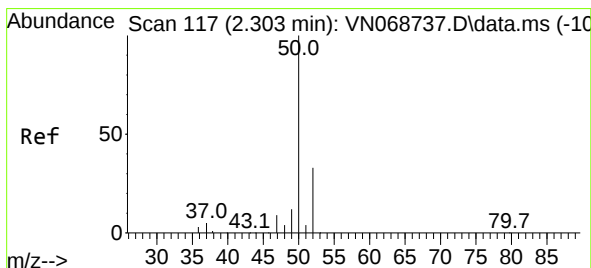
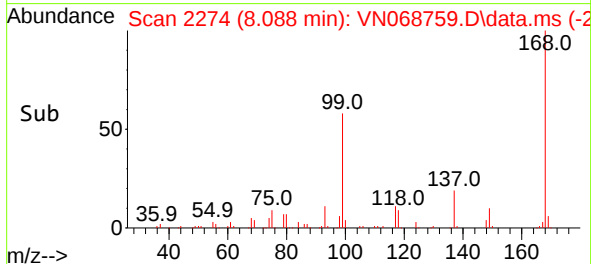
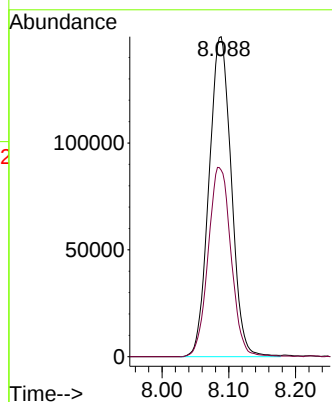
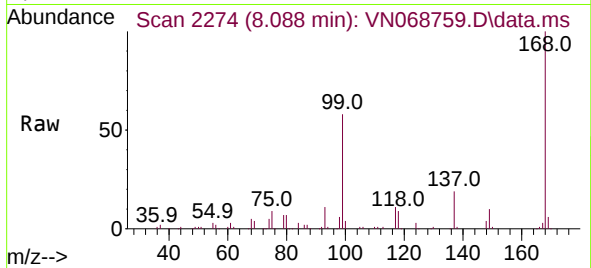




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

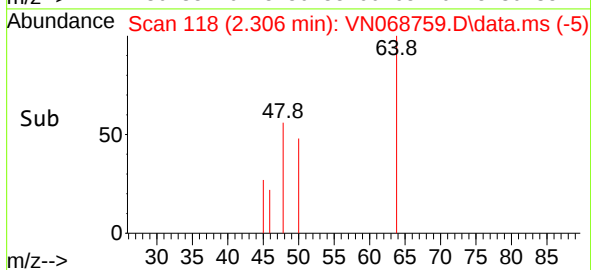
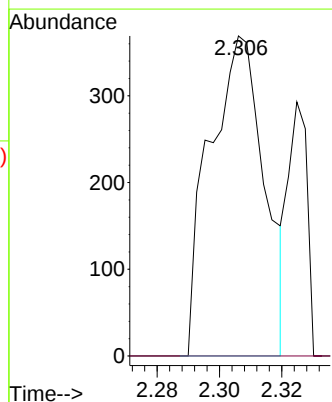
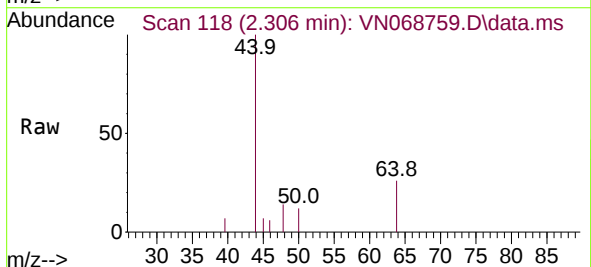
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL01

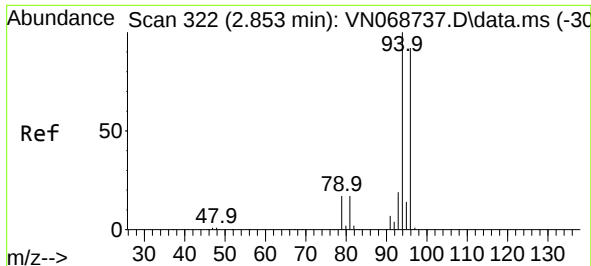
Tgt Ion:168 Resp: 347168
Ion Ratio Lower Upper
168 100
99 58.3 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

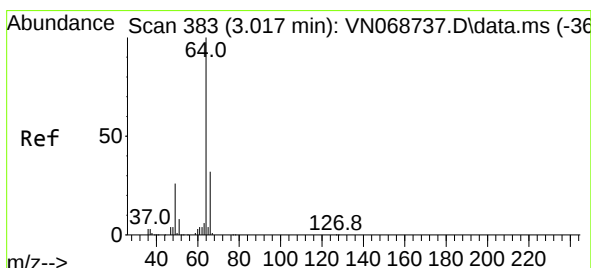
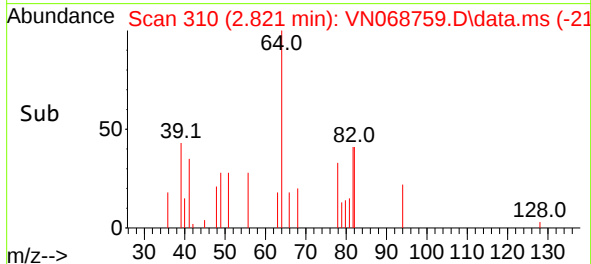
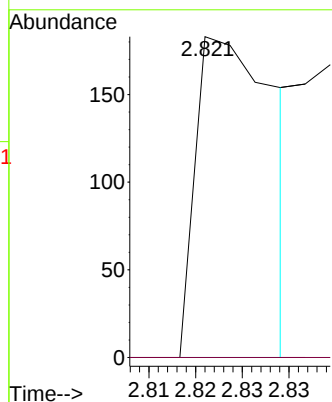
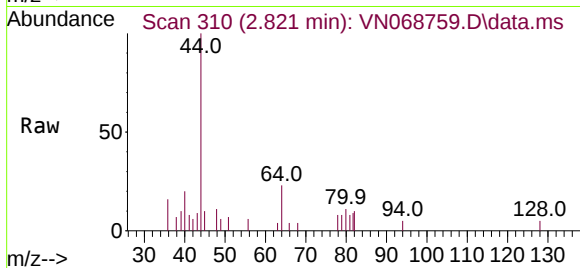




#5
Bromomethane
Concen: Below Cal
RT: 2.821 min Scan# 310
Delta R.T. -0.032 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

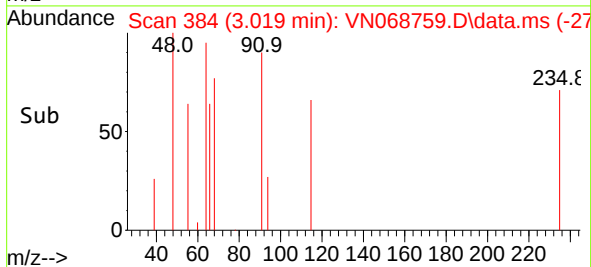
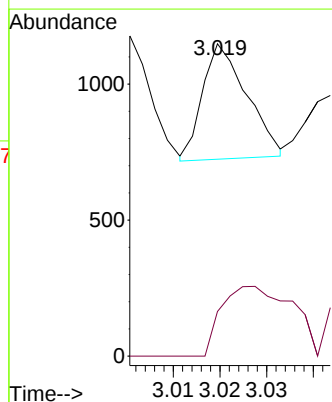
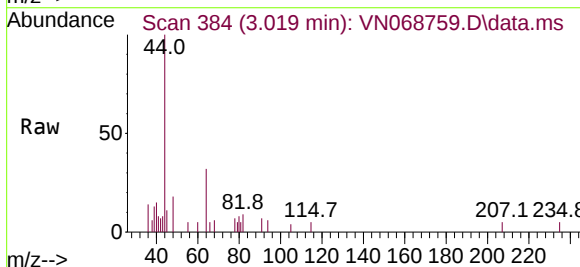
Instrument :
MSVOA_N
ClientSampled :
VN0930WBL01

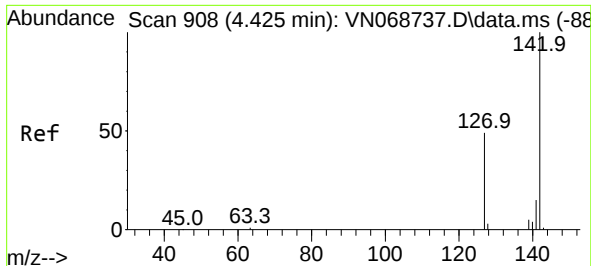
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.019 min Scan# 384
Delta R.T. 0.002 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 39.7 24.7 37.1#

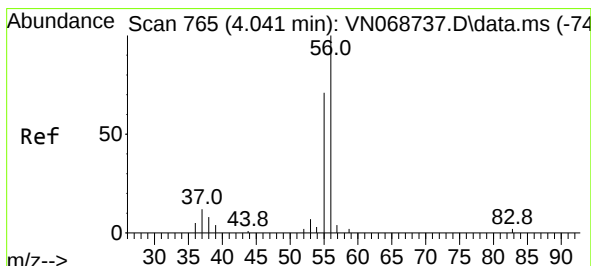
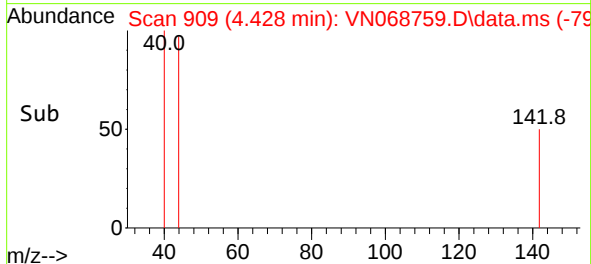
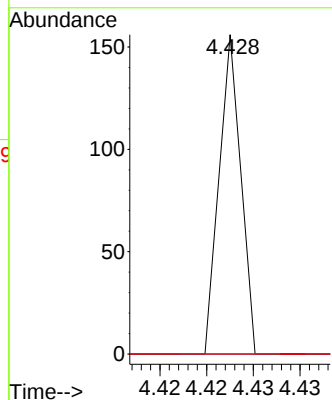
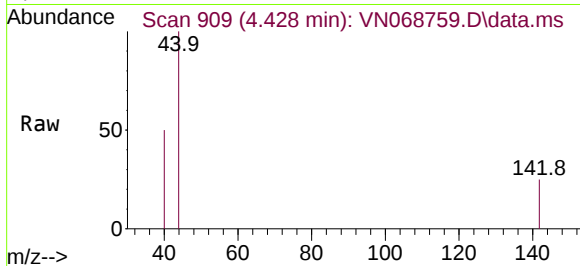




#10
Methyl Iodide
Concen: 1.358 ug/l
RT: 4.428 min Scan# 909
Delta R.T. 0.003 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

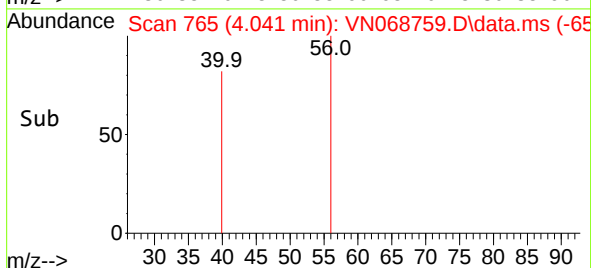
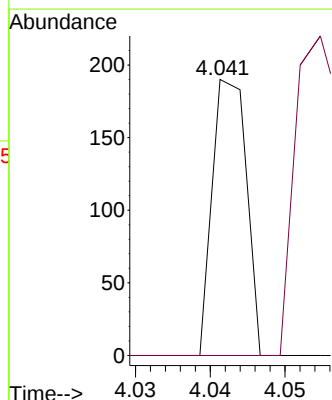
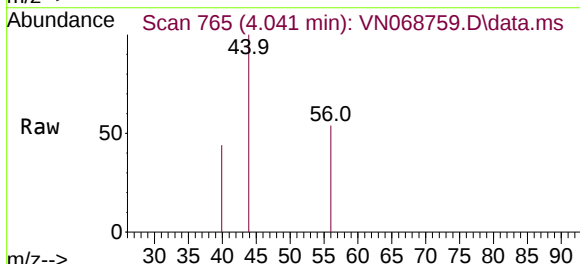
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL01

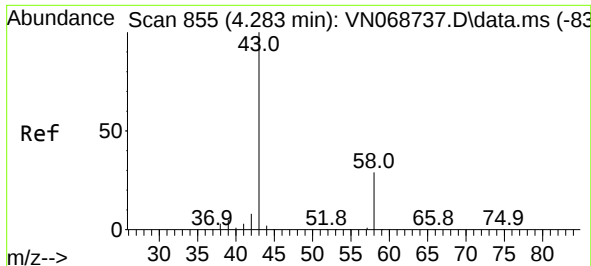
Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

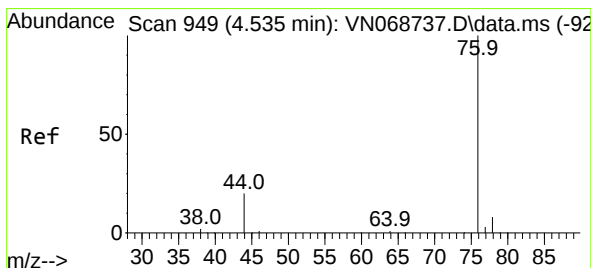
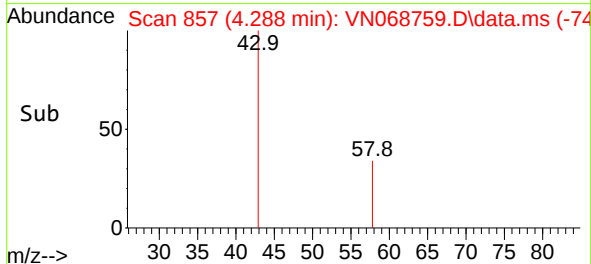
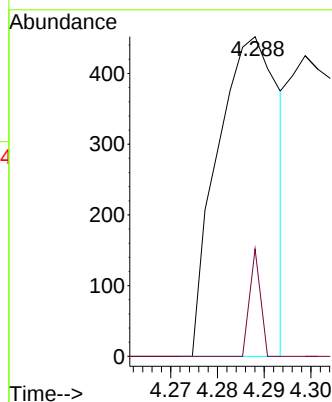
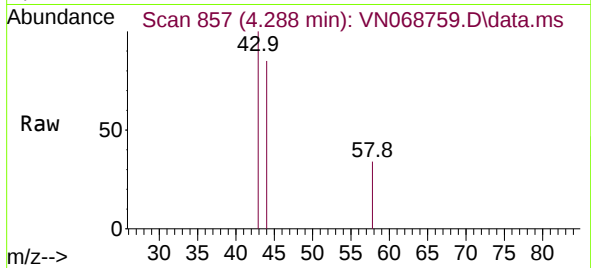




#16
Acetone
Concen: Below Cal
RT: 4.288 min Scan# 857
Delta R.T. 0.005 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

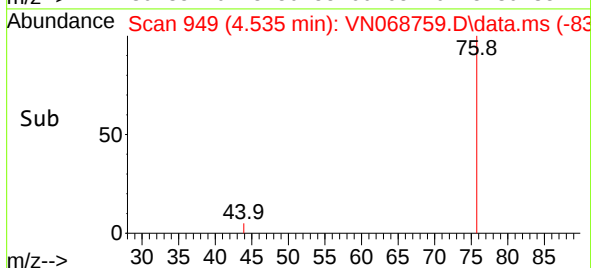
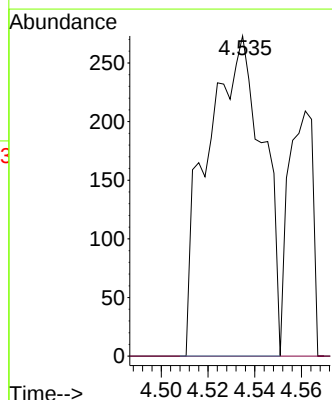
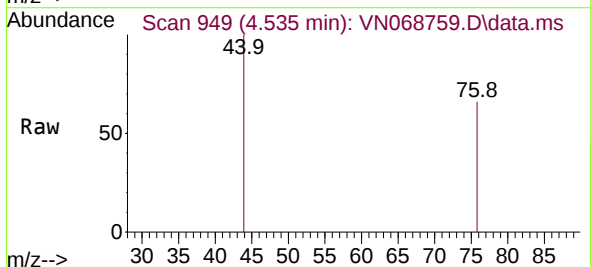
Instrument :
MSVOA_N
ClientSampled :
VN0930WBL01

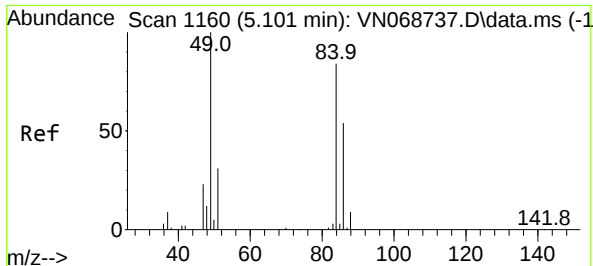
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 33.6 21.2 31.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.535 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 76 Resp: 452
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





#20

Methylene Chloride

Concen: 0.464 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. -0.000 min

Lab File: VN068759.D

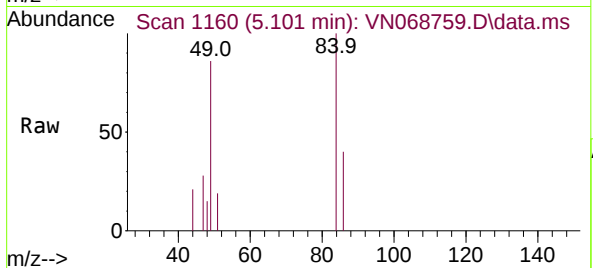
Acq: 30 Sep 2021 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBL01



Tgt Ion: 84 Resp: 1950

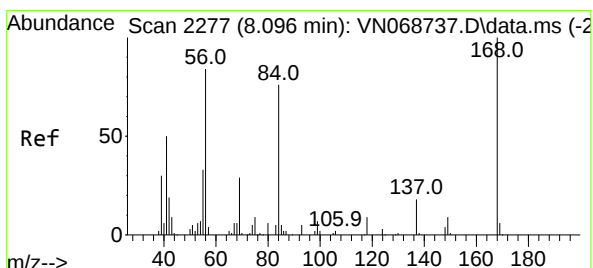
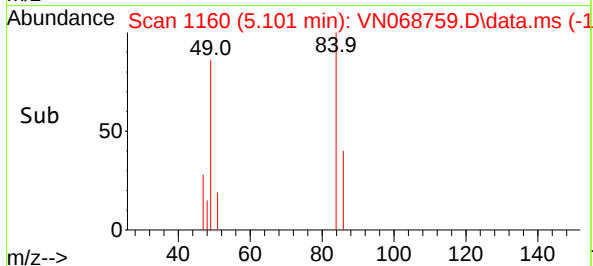
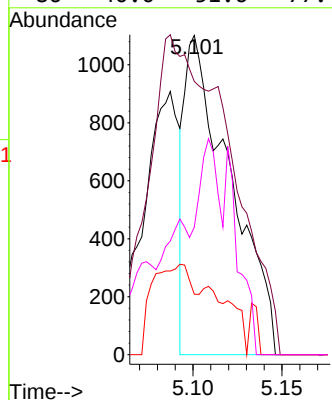
Ion Ratio Lower Upper

84 100

49 85.6 110.9 166.3#

51 19.0 32.6 49.0#

86 40.0 51.6 77.4#



#31

Cyclohexane

Concen: Below Cal

RT: 8.083 min Scan# 2272

Delta R.T. -0.013 min

Lab File: VN068759.D

Acq: 30 Sep 2021 12:58

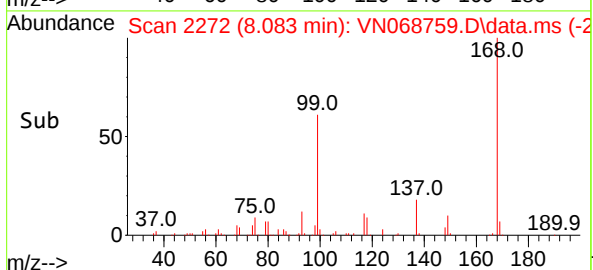
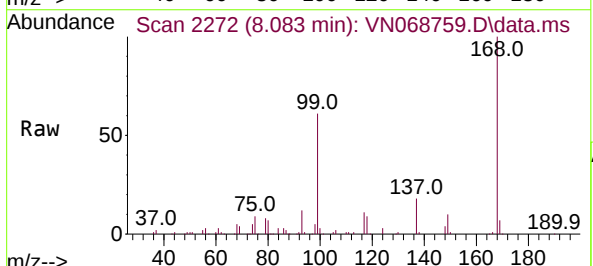
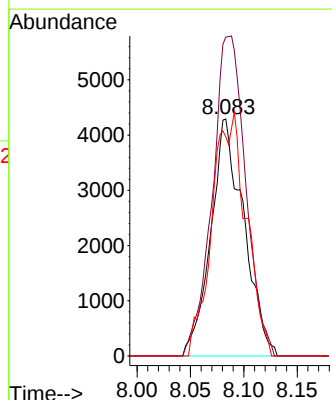
Tgt Ion: 56 Resp: 9212

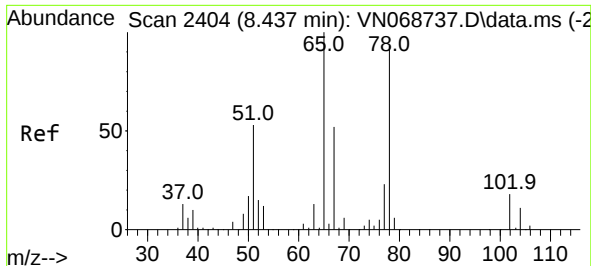
Ion Ratio Lower Upper

56 100

69 134.6 27.3 40.9#

84 92.5 64.9 97.3



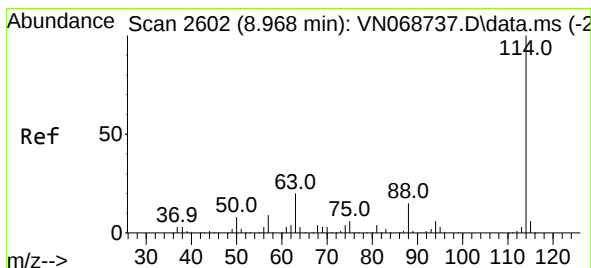
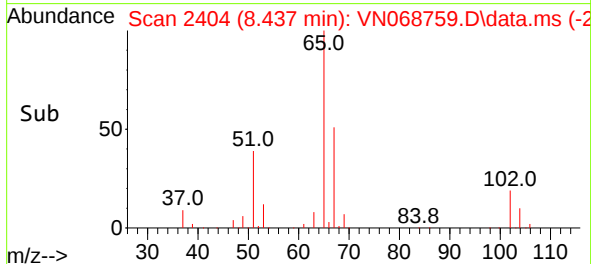
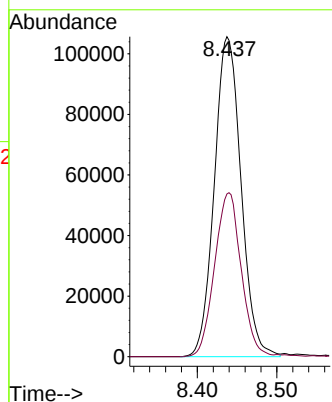
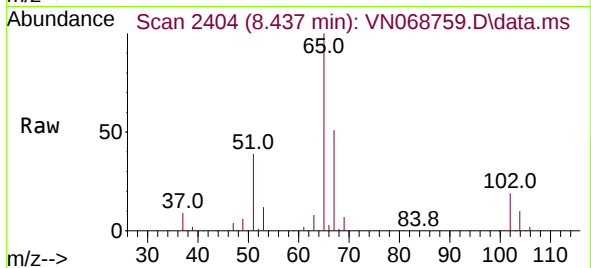


#33

1,2-Dichloroethane-d4
Concen: 51.006 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL01

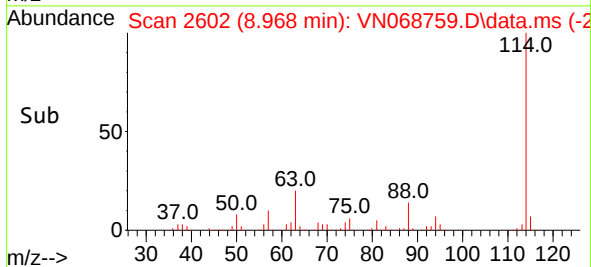
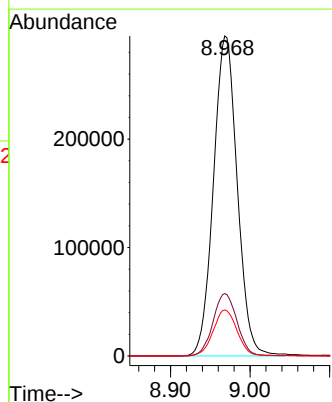
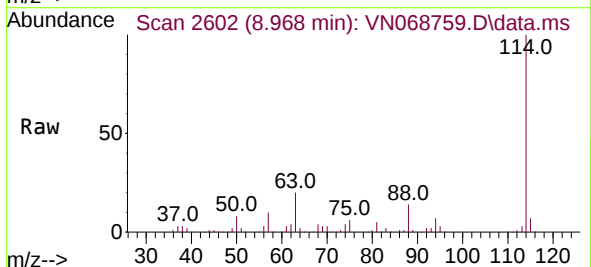
Tgt Ion: 65 Resp: 246725
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

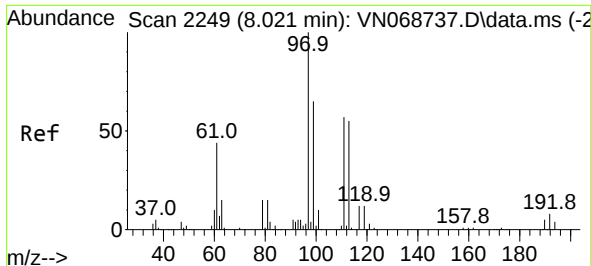


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 114 Resp: 613112
Ion Ratio Lower Upper
114 100
63 19.5 0.0 49.0
88 14.3 0.0 36.6

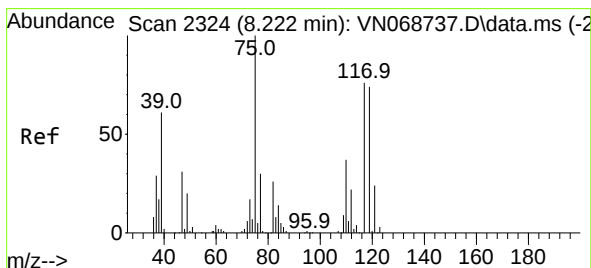
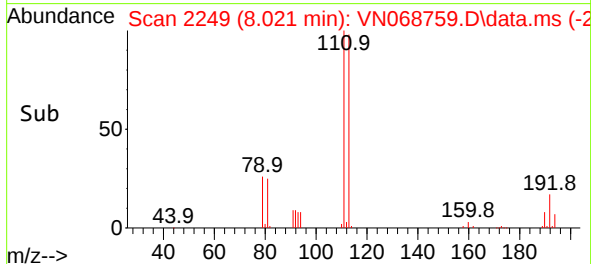
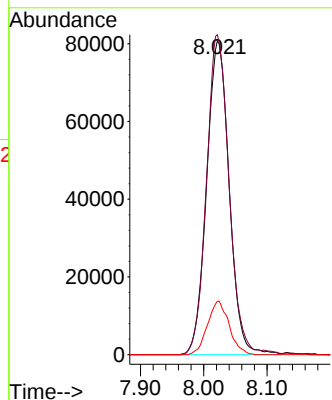
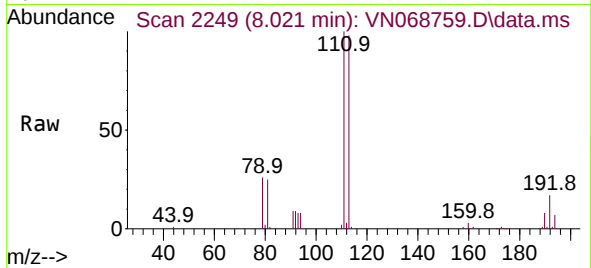




#35
Dibromofluoromethane
Concen: 52.502 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

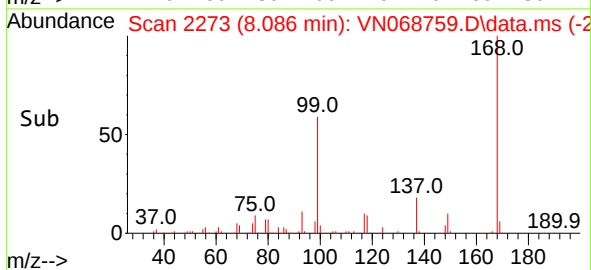
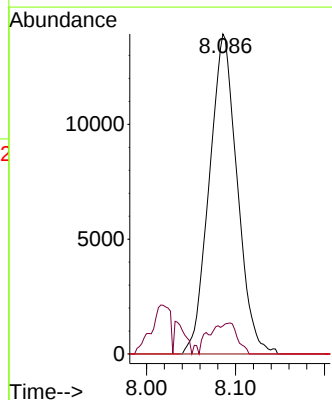
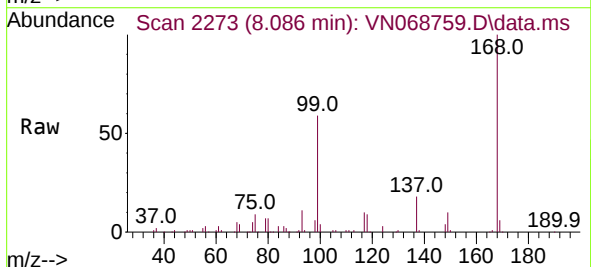
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL01

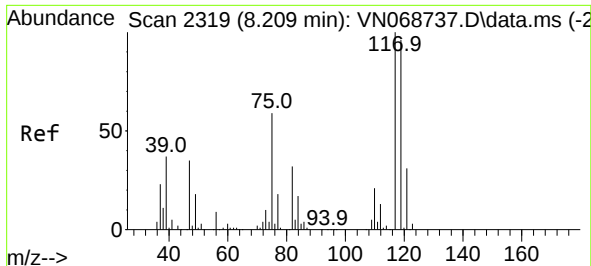
Tgt Ion:113 Resp: 200002
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.8
192 16.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 75 Resp: 30368
Ion Ratio Lower Upper
75 100
110 7.6 15.7 47.0#
77 0.0 24.6 37.0#

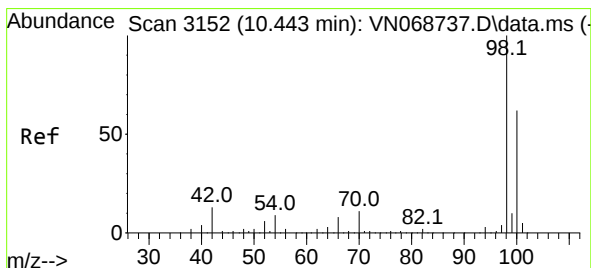
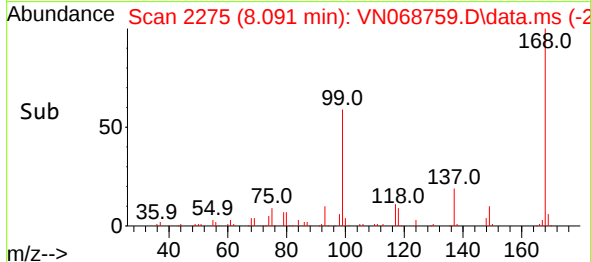
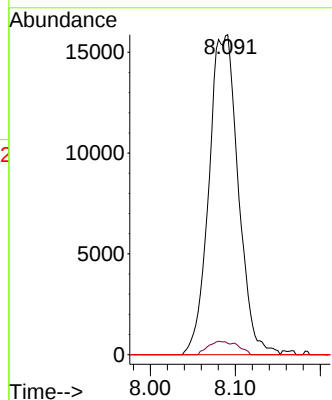
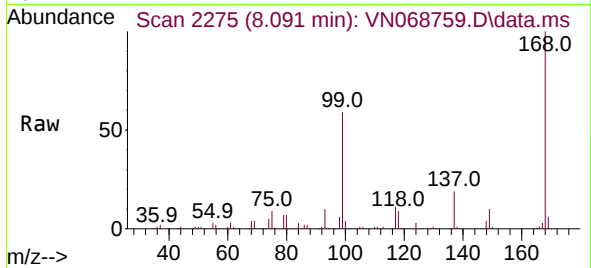




#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

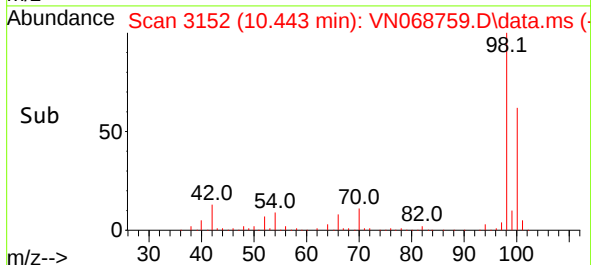
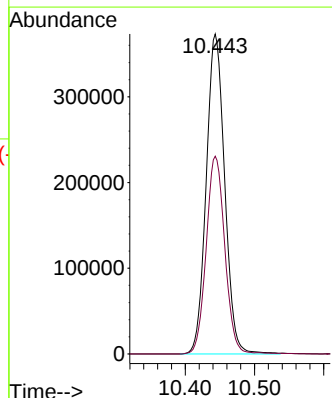
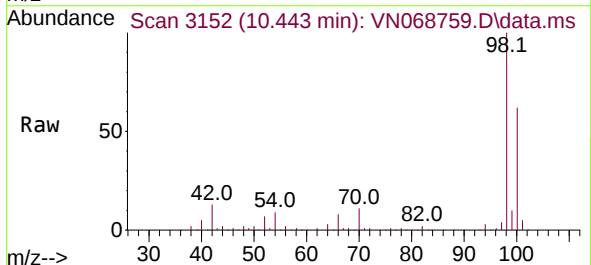
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL01

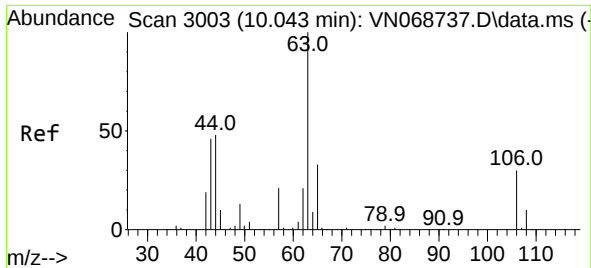
Tgt Ion:117 Resp: 38043
Ion Ratio Lower Upper
117 100
119 3.6 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 49.688 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 98 Resp: 691674
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5

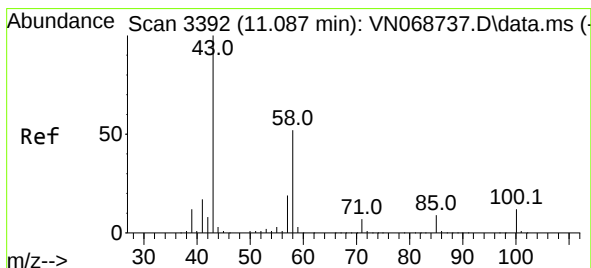
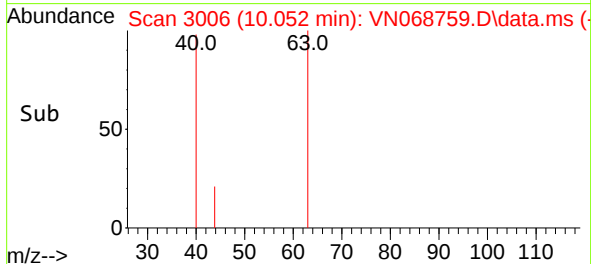
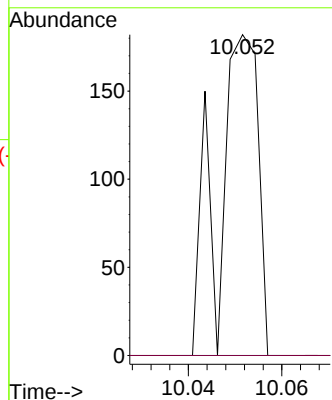
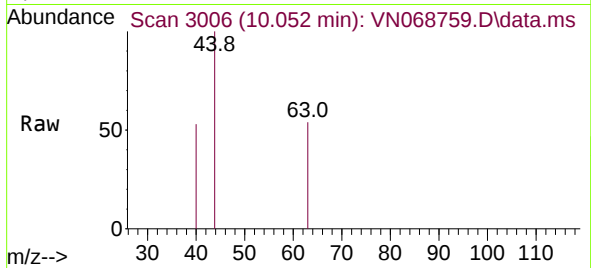




#58
2-Chloroethyl Vinyl ether
Concen: 3.330 ug/l
RT: 10.052 min Scan# 3006
Delta R.T. 0.009 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

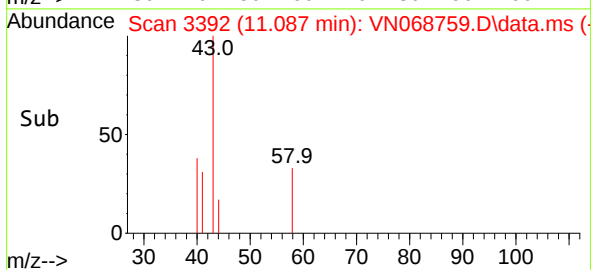
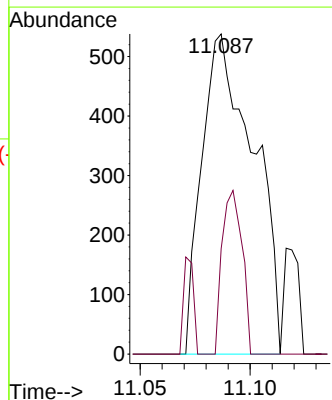
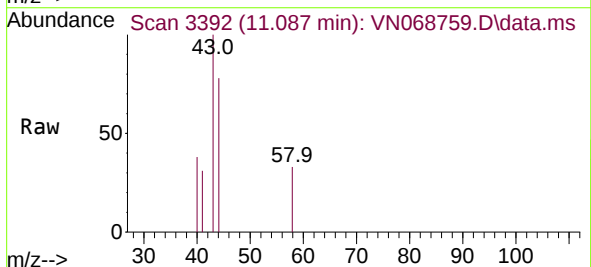
Instrument :
MSVOA_N
ClientSampled :
VN0930WBL01

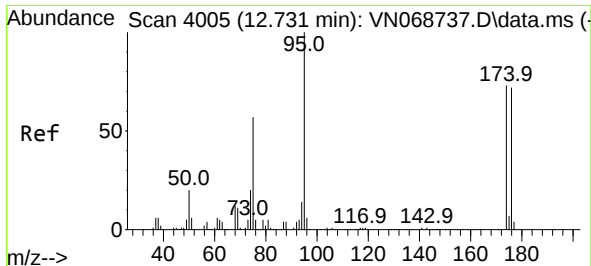
Tgt Ion: 63 Resp: 108
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 0.209 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 19.7 24.7 74.1#

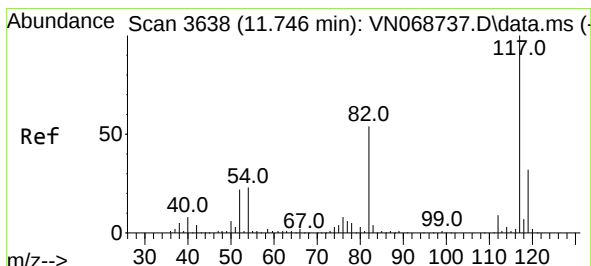
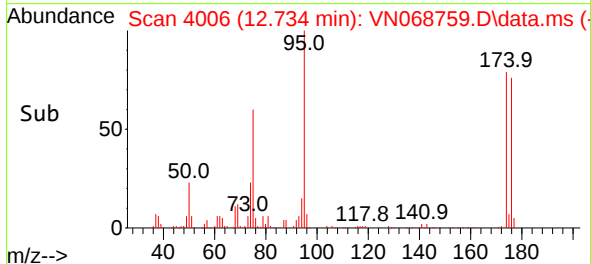
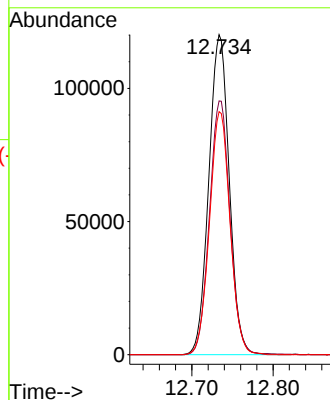
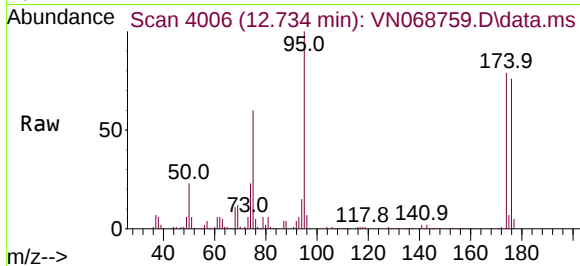




#62
4-Bromofluorobenzene
Concen: 43.399 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

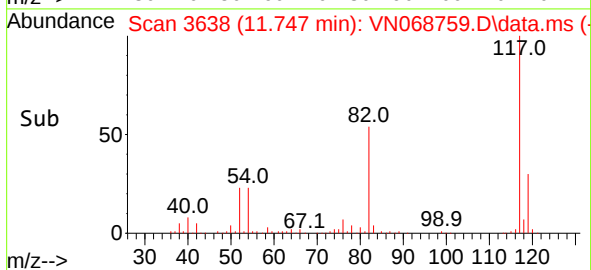
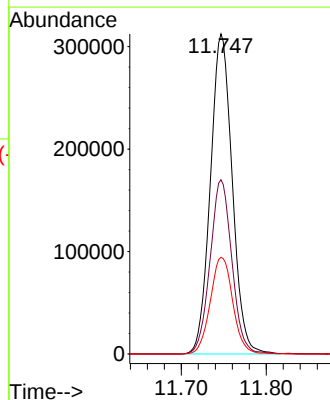
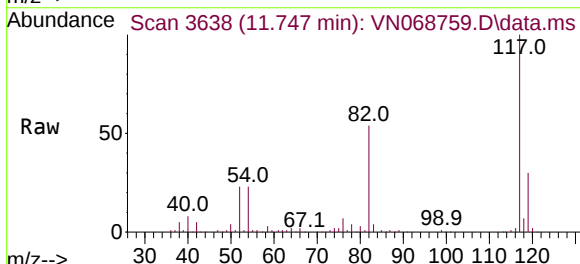
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL01

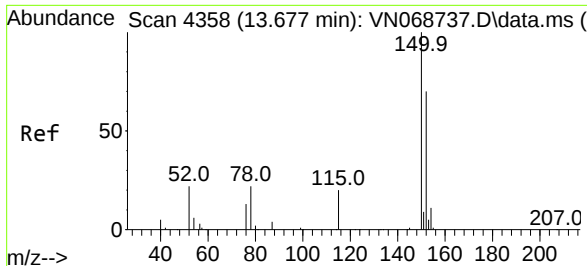
Tgt Ion: 95 Resp: 209919
Ion Ratio Lower Upper
95 100
174 79.7 0.0 122.0
176 76.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion: 117 Resp: 558133
Ion Ratio Lower Upper
117 100
82 54.4 53.1 79.7
119 30.2 25.5 38.3

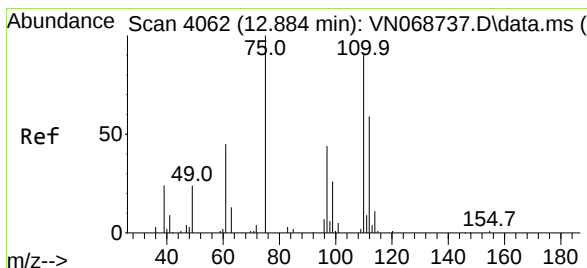
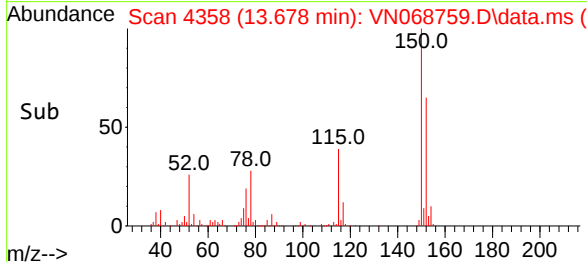
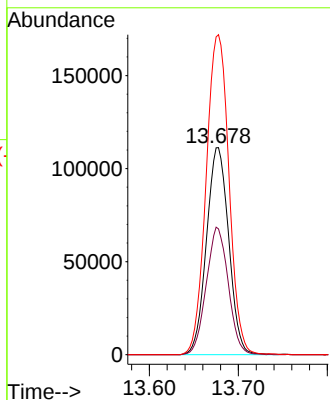
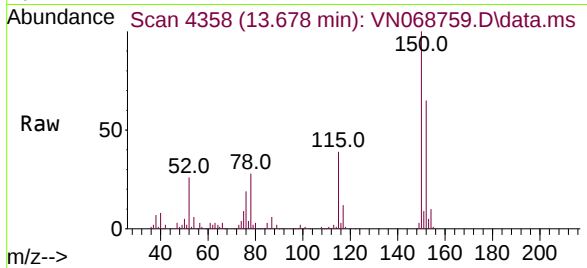




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.001 min
 Lab File: VN068759.D
 Acq: 30 Sep 2021 12:58

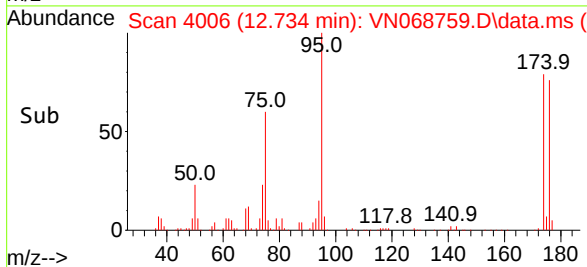
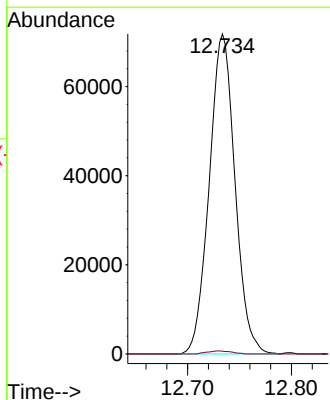
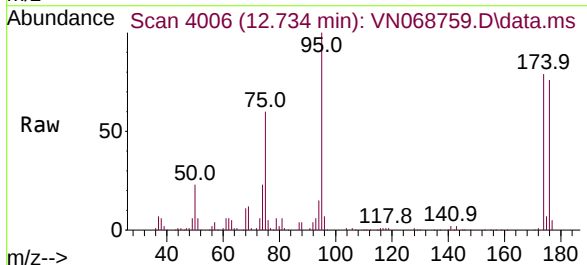
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBL01

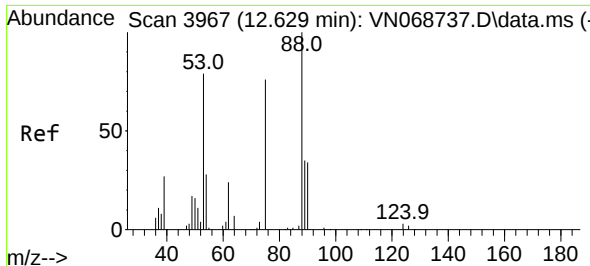
Tgt Ion:152 Resp: 193177
 Ion Ratio Lower Upper
 152 100
 115 60.9 36.1 108.5
 150 158.3 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.789 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.150 min
 Lab File: VN068759.D
 Acq: 30 Sep 2021 12:58

Tgt Ion: 75 Resp: 123679
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

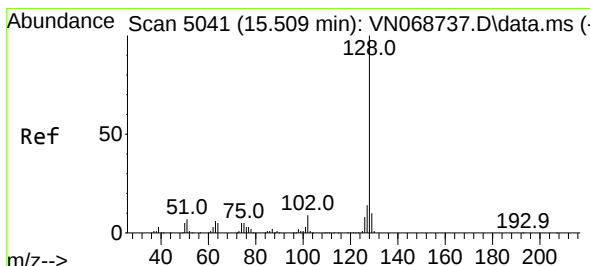
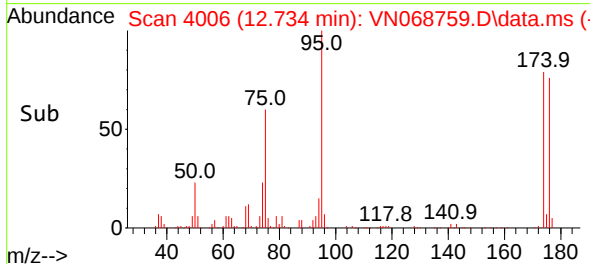
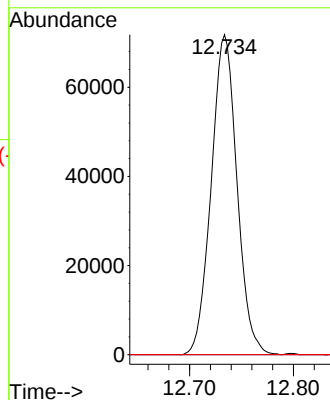
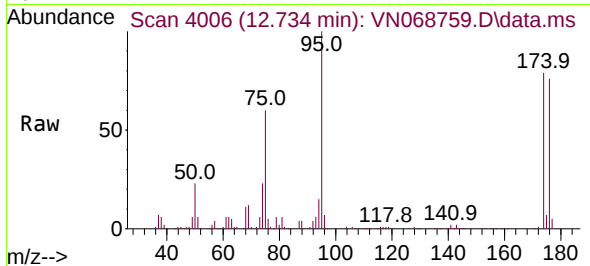




#81
trans-1,4-Dichloro-2-butene
Concen: 83.690 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBL01

Tgt Ion: 75 Resp: 123679
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 1.566 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN068759.D
Acq: 30 Sep 2021 12:58

Tgt Ion:128 Resp: 1120
Ion Ratio Lower Upper
128 100
127 14.8 10.6 15.8
129 0.0 8.6 12.8#

