

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068651.D
 Acq On : 24 Sep 2021 20:24
 Operator : JC/MD
 Sample : M3824-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-C

Quant Time: Sep 25 01:52:34 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)

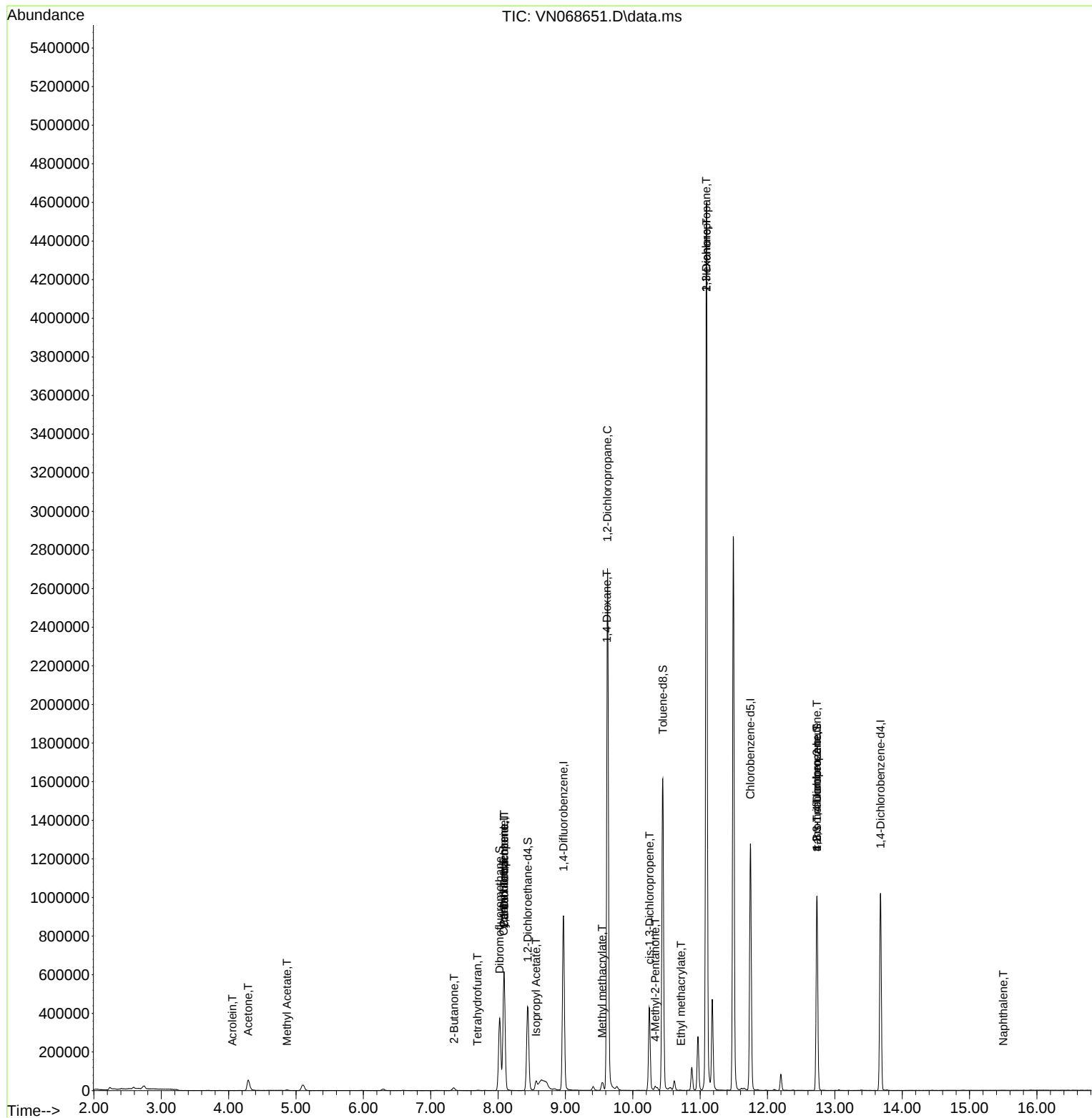
Internal Standards							
1) Pentafluorobenzene		8.088	168	461510	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene		8.971	114	775099	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.746	117	712447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.678	152	264652	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.440	65	362234	50.307	ug/l	0.00
Spiked Amount 50.000		Range 61 - 141		Recovery	= 100.620%		
35) Dibromofluoromethane		8.024	113	273140	52.688	ug/l	0.00
Spiked Amount 50.000		Range 69 - 133		Recovery	= 105.380%		
50) Toluene-d8		10.446	98	1098581	49.975	ug/l	0.00
Spiked Amount 50.000		Range 65 - 126		Recovery	= 99.960%		
62) 4-Bromofluorobenzene		12.733	95	335144	44.579	ug/l	0.00
Spiked Amount 50.000		Range 58 - 135		Recovery	= 89.160%		
Target Compounds							Qvalue
5) Bromomethane		2.858	94	245	Below Cal	#	4
13) Acrolein		4.057	56	28	6.903	ug/l #	14
16) Acetone		4.291	43	103094	29.326	ug/l	93
18) Methyl Acetate		4.867	43	7108	0.671	ug/l	94
25) 2-Butanone		7.345	43	24244	5.520	ug/l	93
29) Tetrahydrofuran		7.694	42	1127	0.404	ug/l #	62
31) Cyclohexane		8.083	56	10834	1.072	ug/l #	15
36) 1,1-Dichloropropene		8.091	75	37682	4.814	ug/l #	52
38) Carbon Tetrachloride		8.091	117	47673	5.896	ug/l #	17
43) Isopropyl Acetate		8.563	43	56294	3.703	ug/l #	89
45) 1,2-Dichloropropane		9.622	63	3011	0.498	ug/l #	44
48) Methyl methacrylate		9.545	41	10423	1.501	ug/l #	12
49) 1,4-Dioxane		9.617	88	112	1.106	ug/l #	20
51) 4-Methyl-2-Pentanone		10.333	43	11295	1.228	ug/l #	82
54) cis-1,3-Dichloropropene		10.247	75	72830	7.620	ug/l #	64
56) Ethyl methacrylate		10.714	69	335	0.738	ug/l #	19
57) 1,3-Dichloropropane		11.092	76	44867	4.553	ug/l #	43
59) 2-Hexanone		11.095	43	746480	112.902	ug/l #	53
76) 1,2,3-Trichloropropane		12.733	75	188094	28.744	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.733	75	188094	81.195	ug/l #	6
95) Naphthalene		15.501	128	541	1.638	ug/l #	69

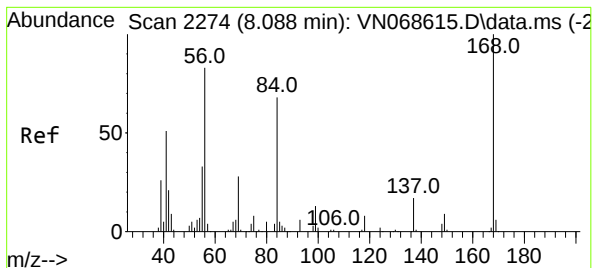
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
Data File : VN068651.D
Acq On : 24 Sep 2021 20:24
Operator : JC/MD
Sample : M3824-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-C

Quant Time: Sep 25 01:52:34 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: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN068651.D

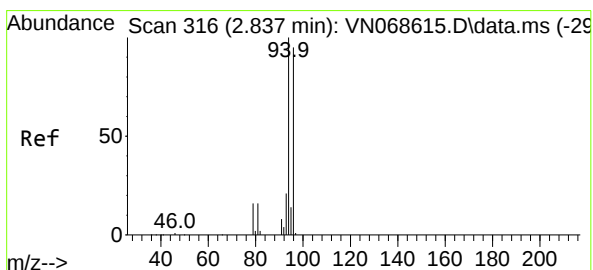
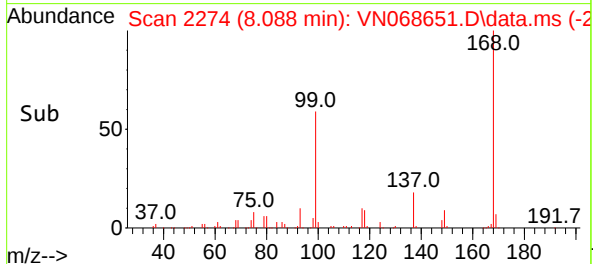
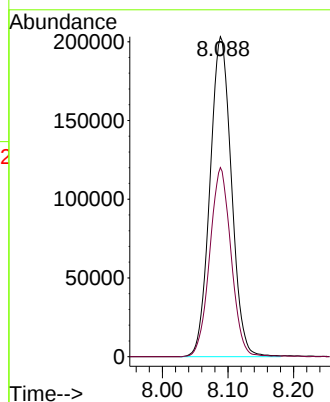
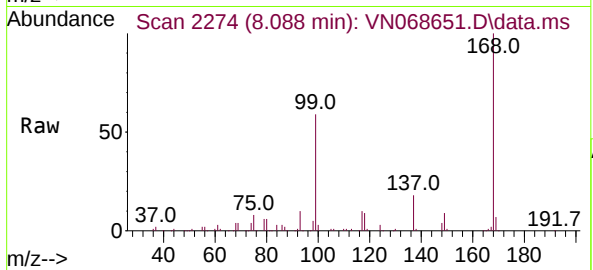
Acq: 24 Sep 2021 20:24

Tgt Ion:168 Resp: 461510

Ion Ratio Lower Upper

168 100

99 59.1 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.858 min Scan# 324

Delta R.T. 0.021 min

Lab File: VN068651.D

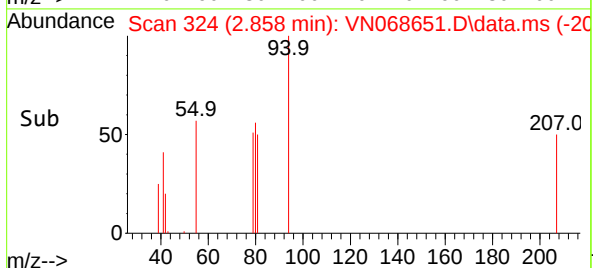
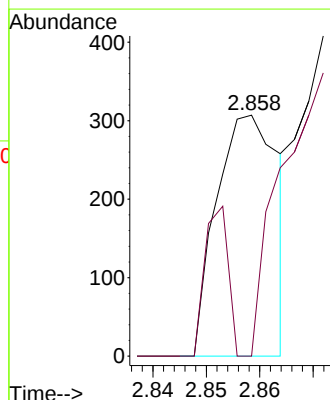
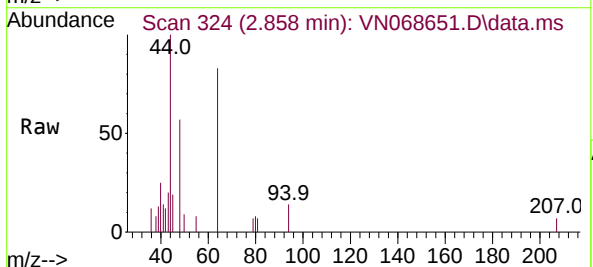
Acq: 24 Sep 2021 20:24

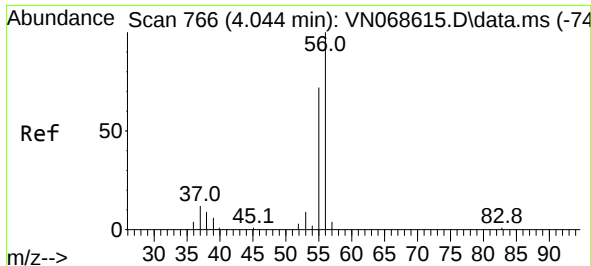
Tgt Ion: 94 Resp: 245

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#

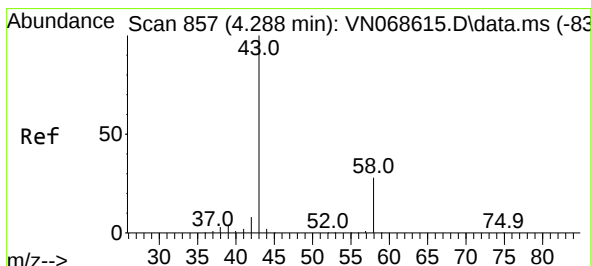
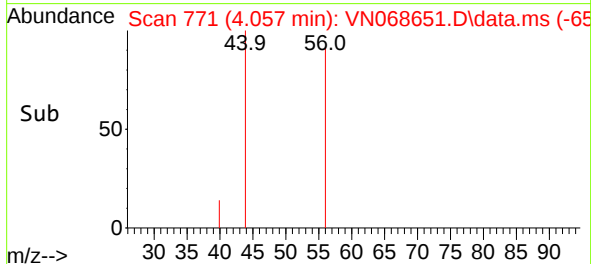
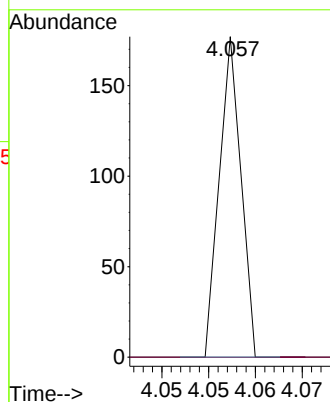
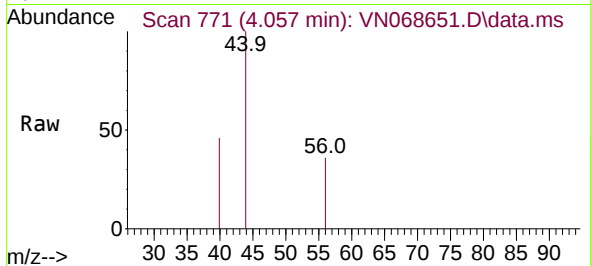




#13
Acrolein
Concen: 6.903 ug/l
RT: 4.057 min Scan# 771
Delta R.T. 0.013 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

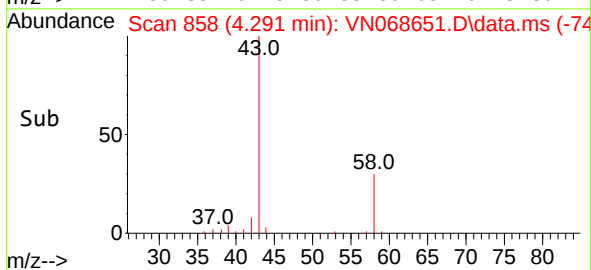
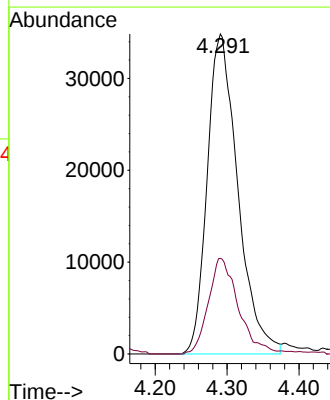
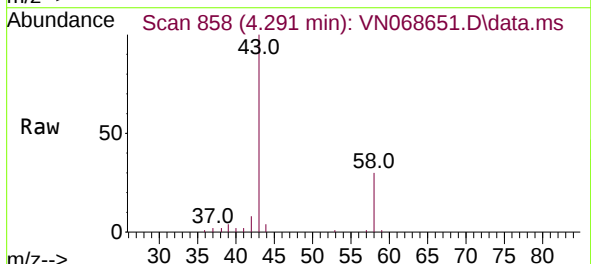
Instrument :
MSVOA_N
ClientSampled :
TP-C

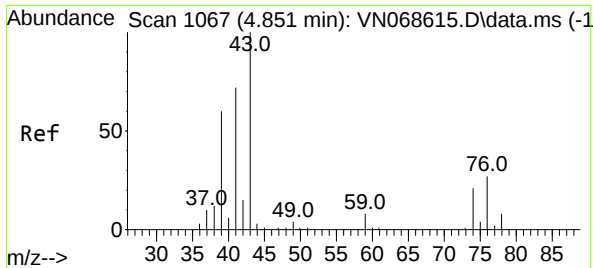
Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 29.326 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 43 Resp: 103094
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8





#18

Methyl Acetate

Concen: 0.671 ug/l

RT: 4.867 min Scan# 1073

Delta R.T. 0.016 min

Lab File: VN068651.D

Acq: 24 Sep 2021 20:24

Instrument :

MSVOA_N

ClientSampled :

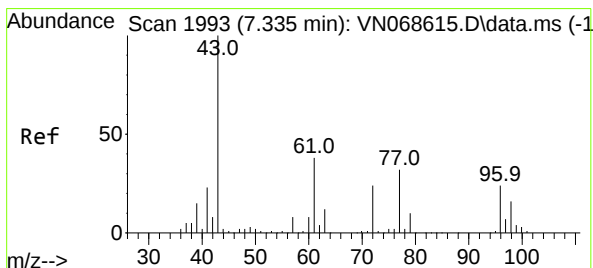
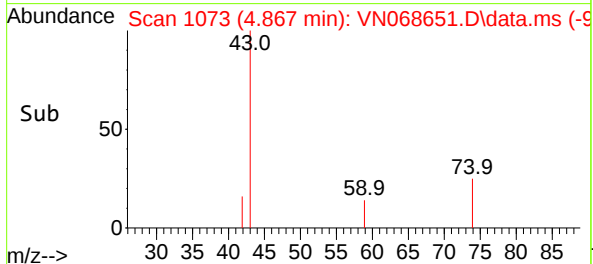
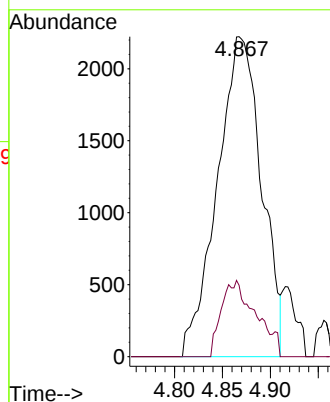
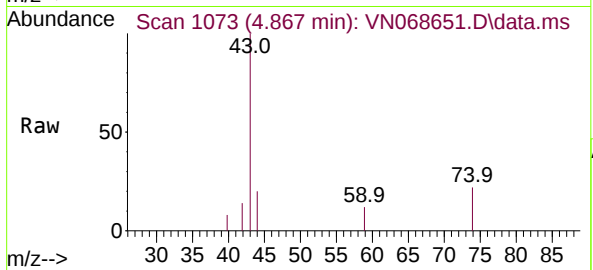
TP-C

Tgt Ion: 43 Resp: 7108

Ion Ratio Lower Upper

43 100

74 18.6 17.4 26.0



#25

2-Butanone

Concen: 5.520 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.010 min

Lab File: VN068651.D

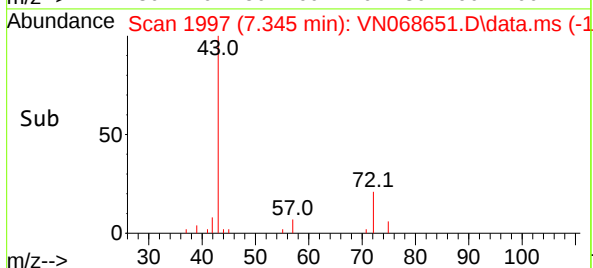
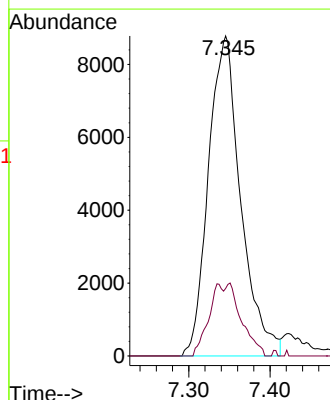
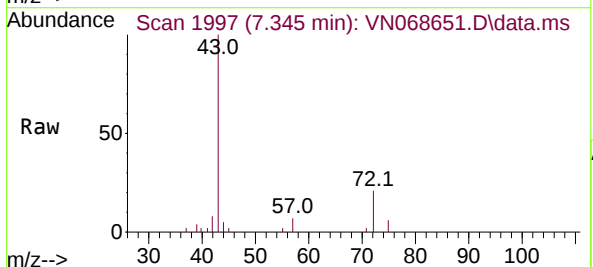
Acq: 24 Sep 2021 20:24

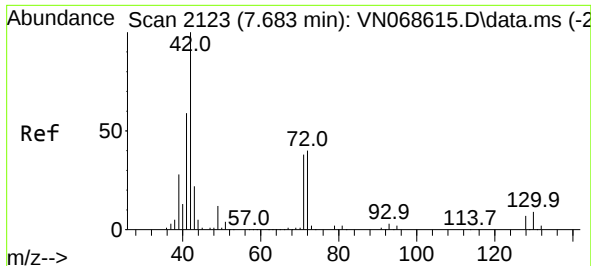
Tgt Ion: 43 Resp: 24244

Ion Ratio Lower Upper

43 100

72 21.1 19.7 29.5





#29

Tetrahydrofuran

Concen: 0.404 ug/l

RT: 7.694 min Scan# 2127

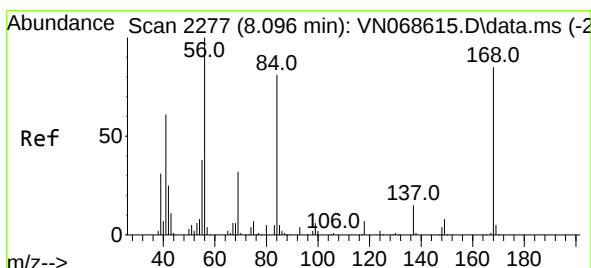
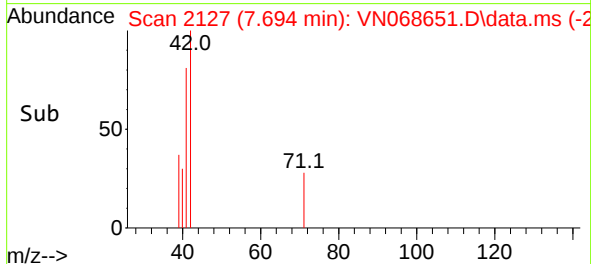
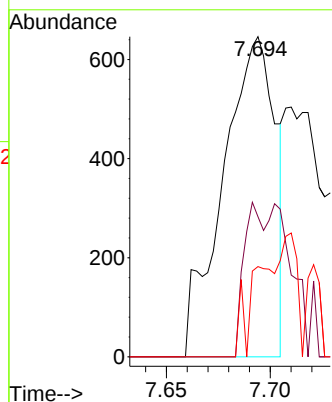
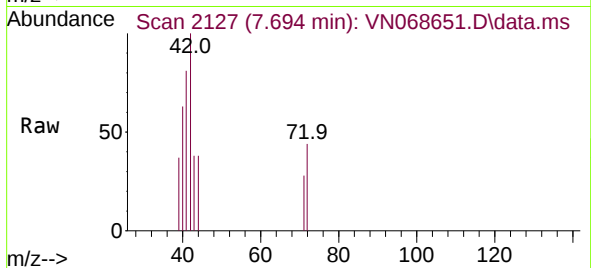
Delta R.T. 0.011 min

Lab File: VN068651.D

Acq: 24 Sep 2021 20:24

Tgt Ion: 42 Resp: 1127

Ion	Ratio	Lower	Upper
42	100		
72	18.2	32.8	49.2#
71	14.7	31.2	46.8#



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 8.083 min Scan# 2272

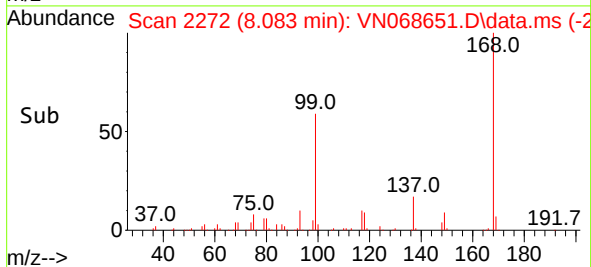
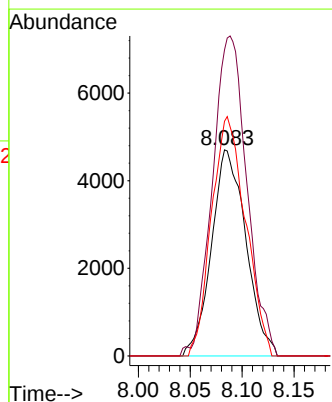
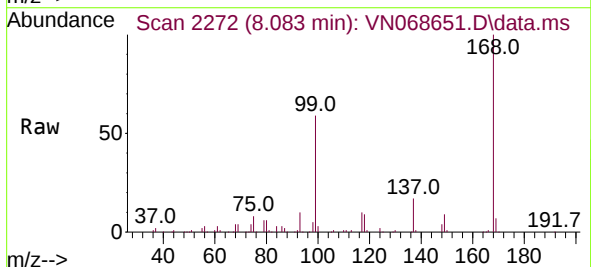
Delta R.T. -0.013 min

Lab File: VN068651.D

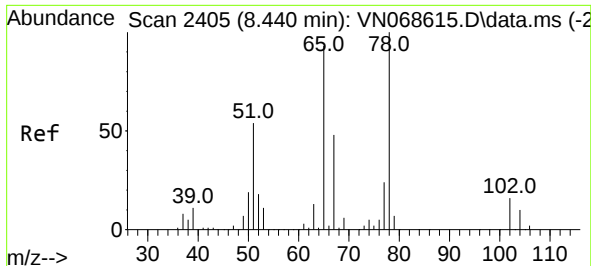
Acq: 24 Sep 2021 20:24

Tgt Ion: 56 Resp: 10834

Ion	Ratio	Lower	Upper
56	100		
69	148.5	27.3	40.9#
84	113.9	64.9	97.3#



Instrument :
MSVOA_N
ClientSampled :
TP-C

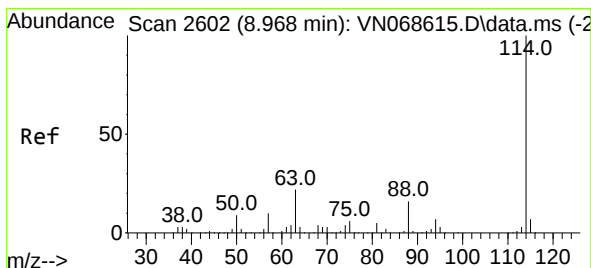
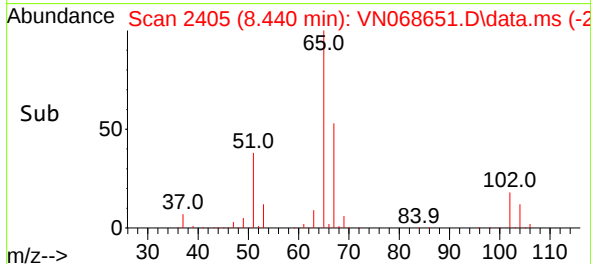
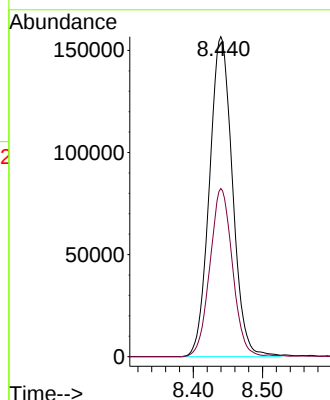
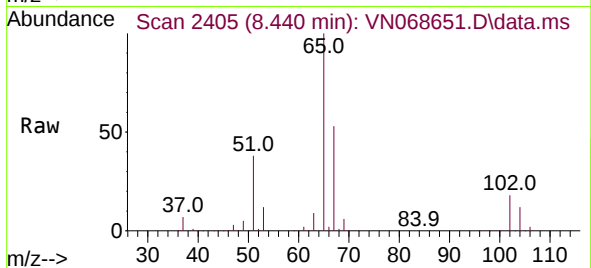


#33

1,2-Dichloroethane-d4
Concen: 50.307 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Instrument :
MSVOA_N
ClientSampled :
TP-C

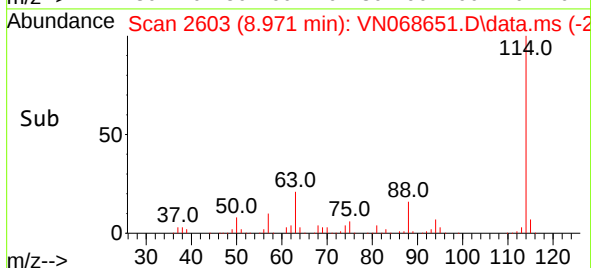
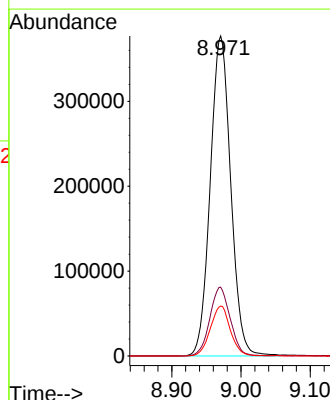
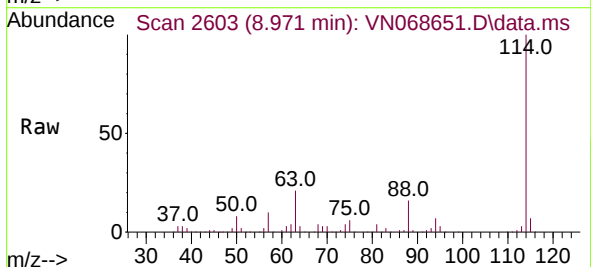
Tgt Ion: 65 Resp: 362234
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

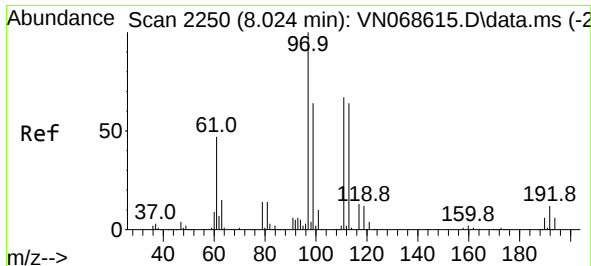


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 114 Resp: 775099
Ion Ratio Lower Upper
114 100
63 21.5 0.0 49.0
88 15.6 0.0 36.6

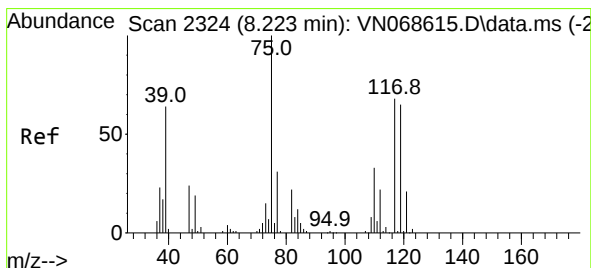
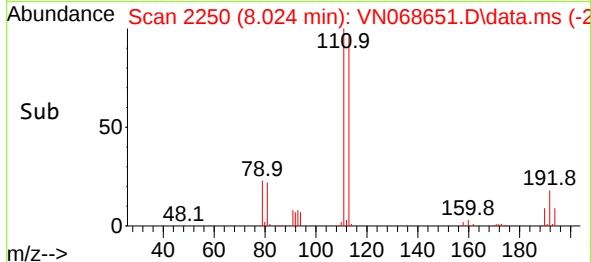
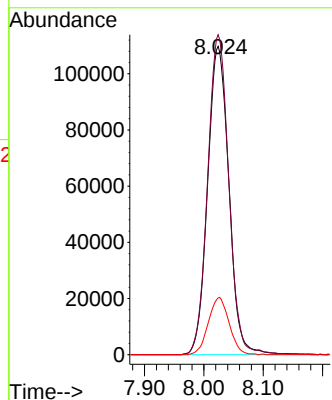
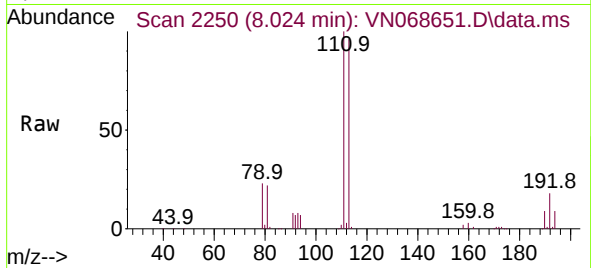




#35
Dibromofluoromethane
Concen: 52.688 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

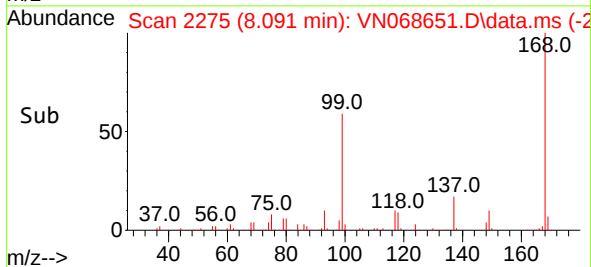
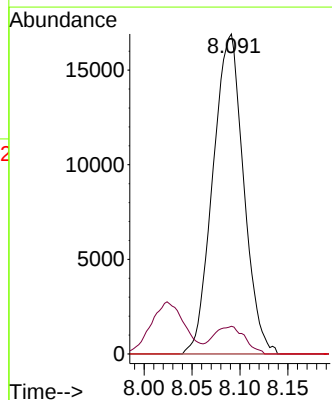
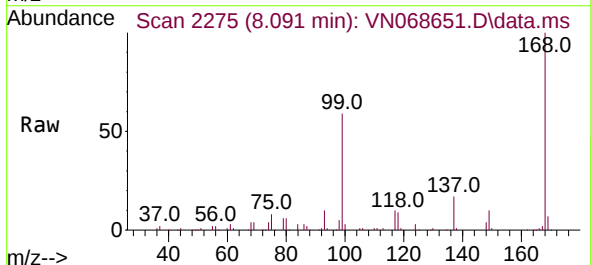
Instrument :
MSVOA_N
ClientSampled :
TP-C

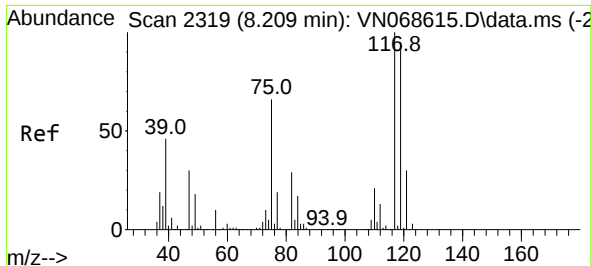
Tgt Ion:113 Resp: 273140
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 18.1 13.4 20.0



#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.132 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 75 Resp: 37682
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#

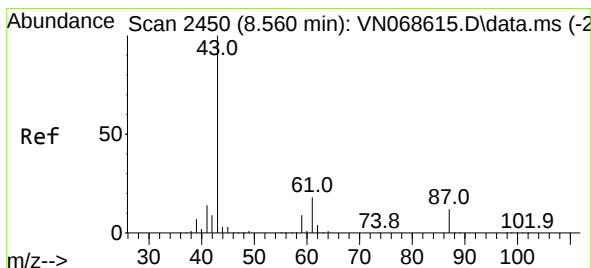
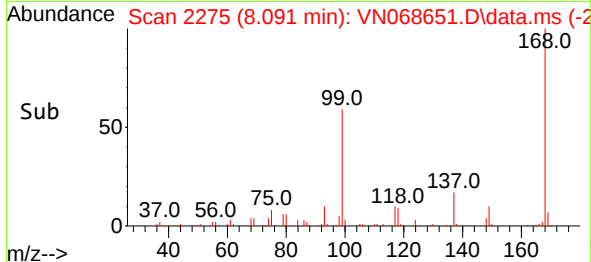
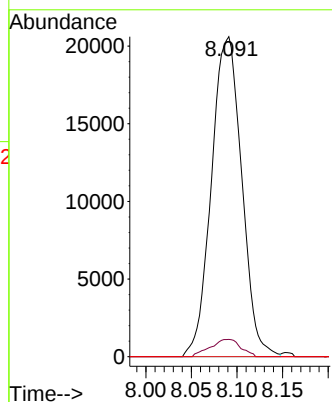
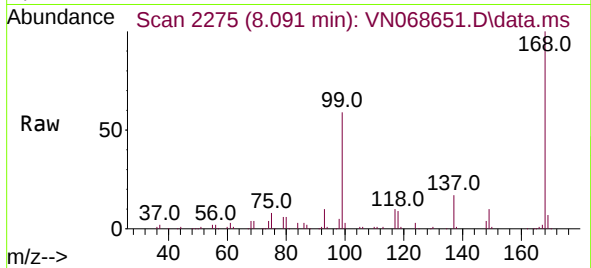




#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

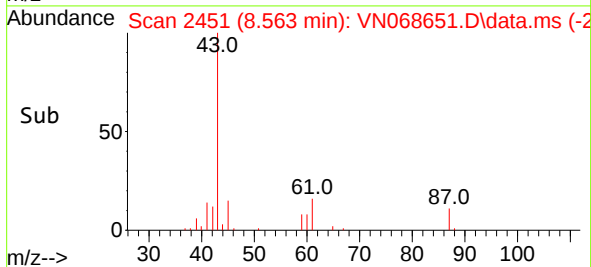
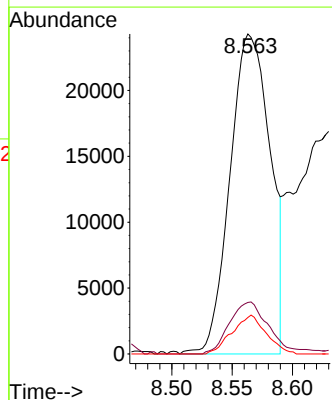
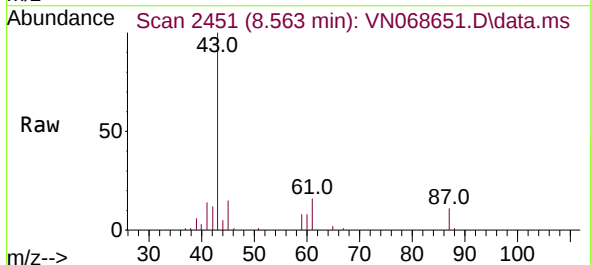
Instrument :
MSVOA_N
ClientSampled :
TP-C

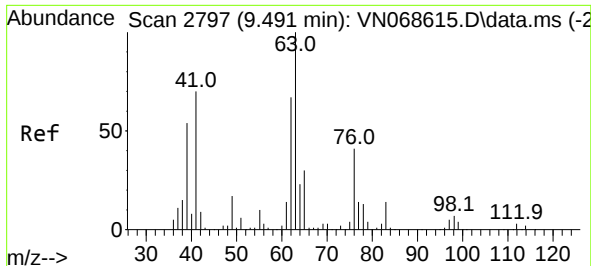
Tgt Ion:117 Resp: 47673
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 3.703 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 43 Resp: 56294
Ion Ratio Lower Upper
43 100
61 16.3 19.0 28.4#
87 10.3 9.5 14.3



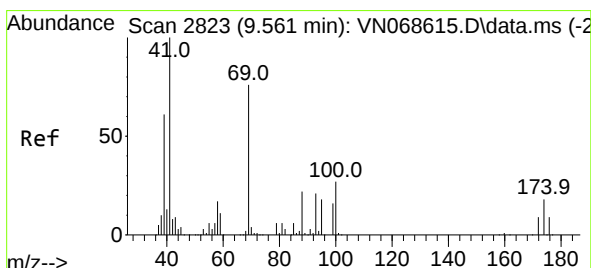
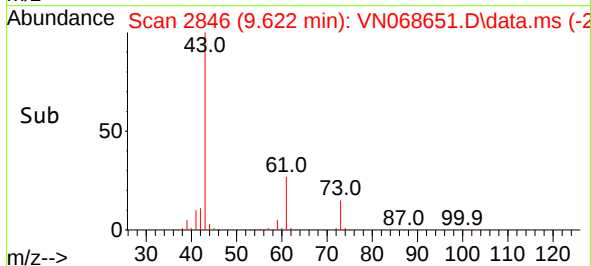
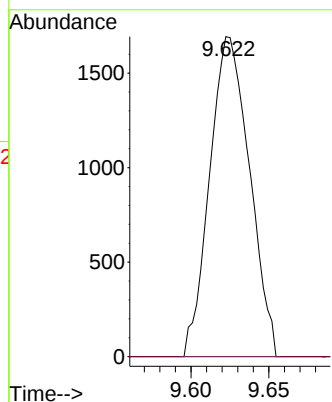
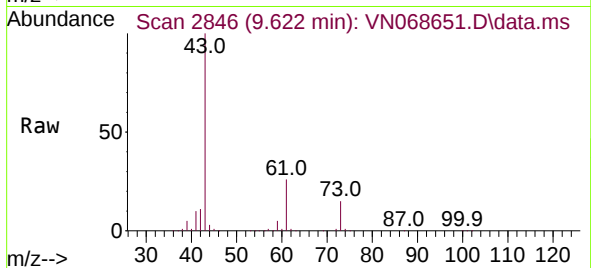


#45

1,2-Dichloropropane
Concen: 0.498 ug/l
RT: 9.622 min Scan# 2846
Delta R.T. 0.131 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Instrument :
MSVOA_N
ClientSampled :
TP-C

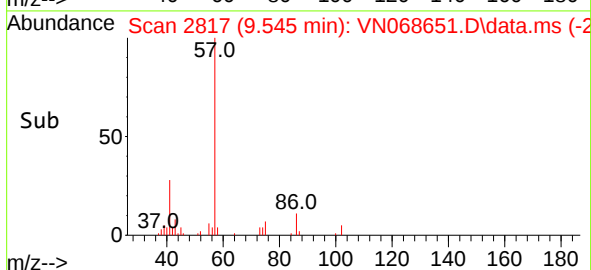
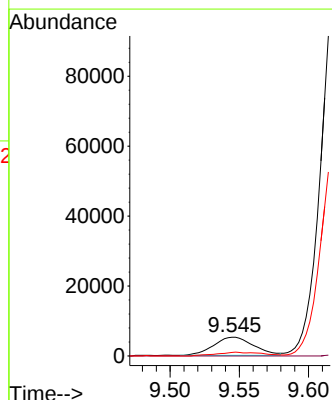
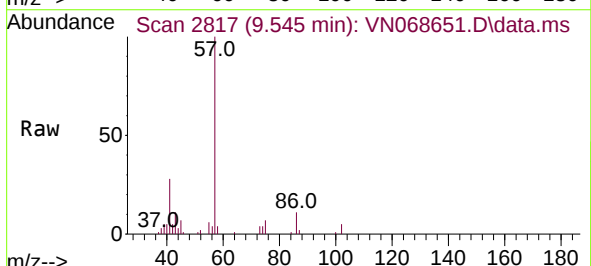
Tgt Ion: 63 Resp: 3011
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#

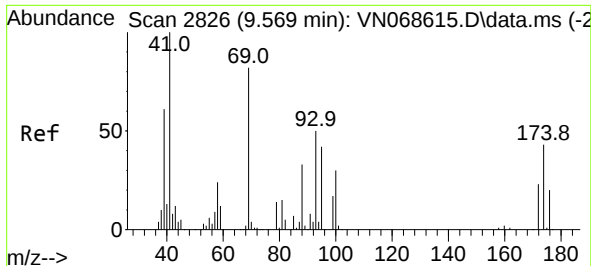


#48

Methyl methacrylate
Concen: 1.501 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 41 Resp: 10423
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#





#49

1,4-Dioxane

Concen: 1.106 ug/l

RT: 9.617 min Scan# 2844

Delta R.T. 0.048 min

Lab File: VN068651.D

Acq: 24 Sep 2021 20:24

Tgt Ion: 88 Resp: 112

Ion Ratio Lower Upper

88 100

43 0.0 28.8 43.2#

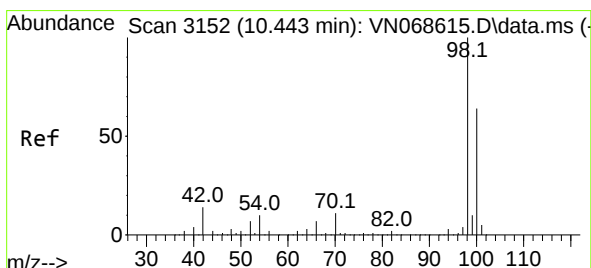
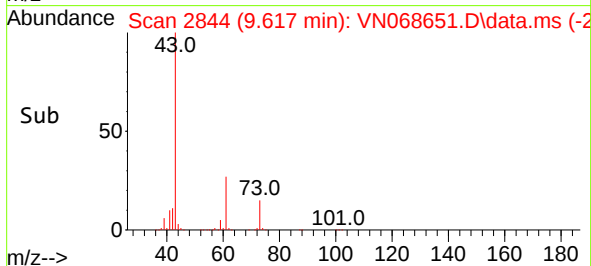
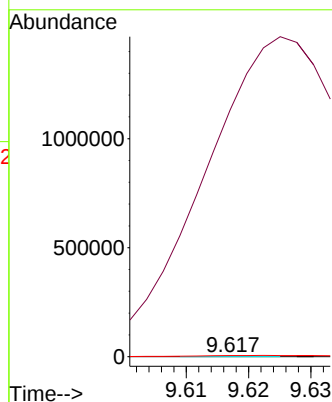
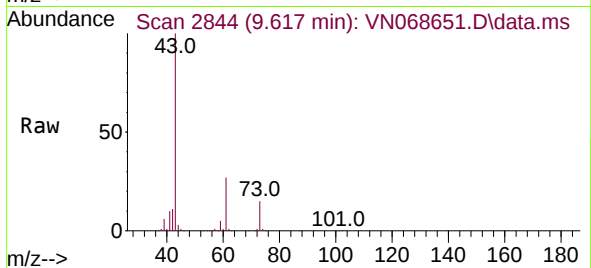
58 0.0 60.4 90.6#

Instrument :

MSVOA_N

ClientSampleId :

TP-C



#50

Toluene-d8

Concen: 49.975 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VN068651.D

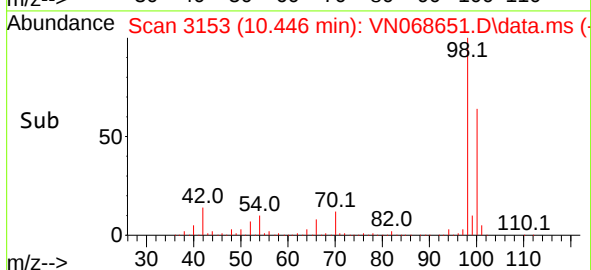
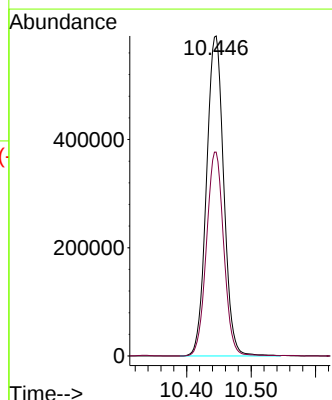
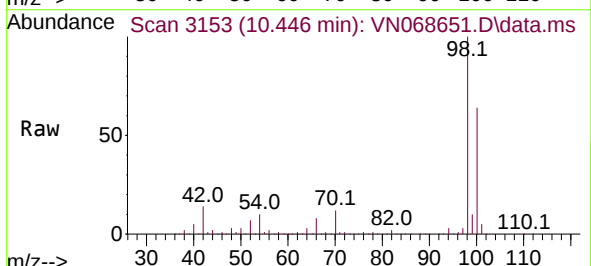
Acq: 24 Sep 2021 20:24

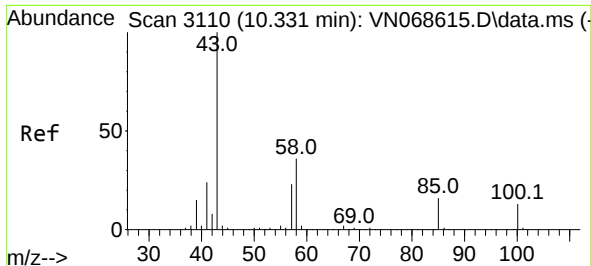
Tgt Ion: 98 Resp: 1098581

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5

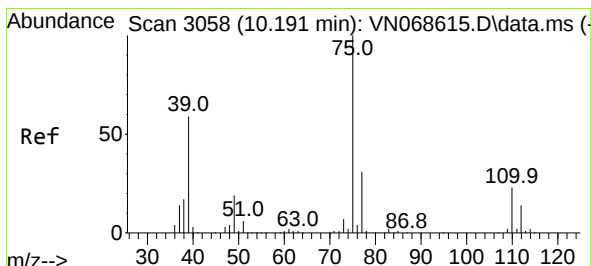
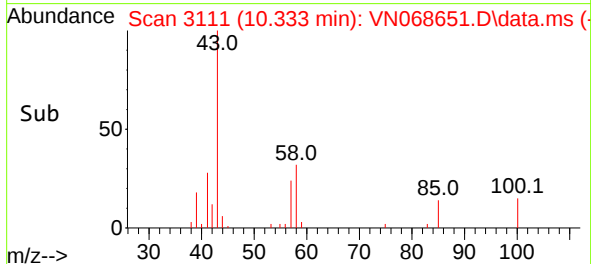
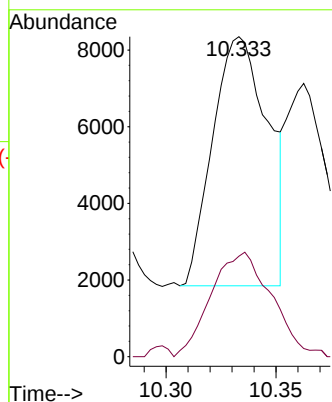
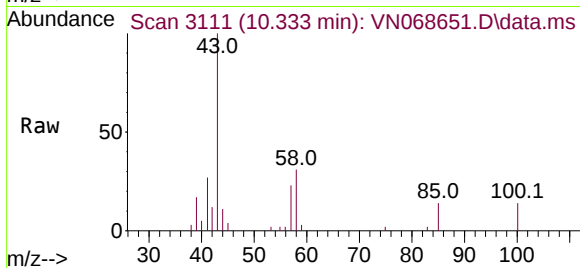




#51
4-Methyl-2-Pentanone
Concen: 1.228 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

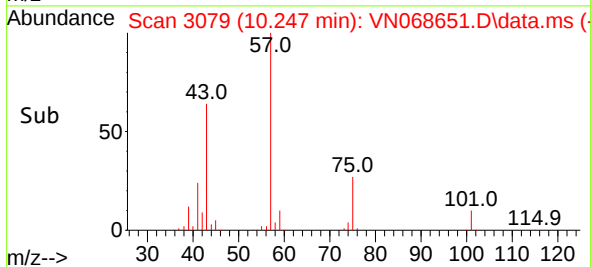
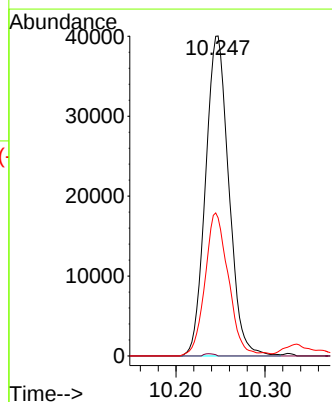
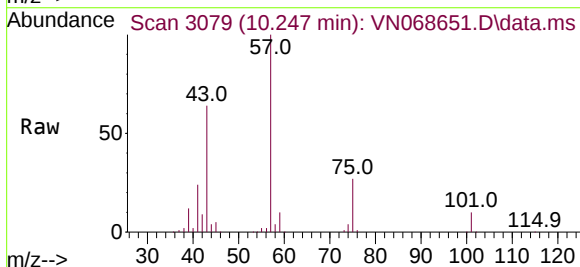
Instrument :
MSVOA_N
ClientSampled :
TP-C

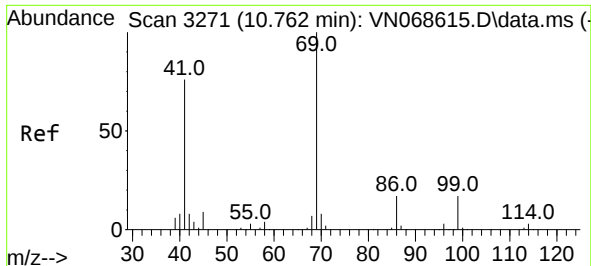
Tgt Ion: 43 Resp: 11295
Ion Ratio Lower Upper
43 100
58 46.3 28.6 43.0#



#54
cis-1,3-Dichloropropene
Concen: 7.620 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 75 Resp: 72830
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 43.2 50.7 76.1#

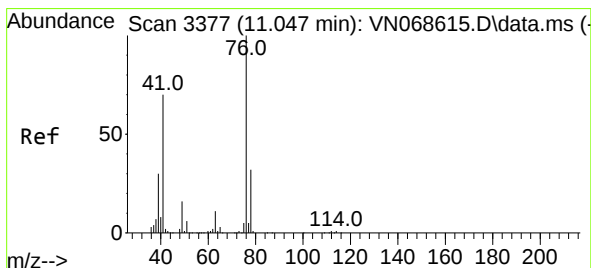
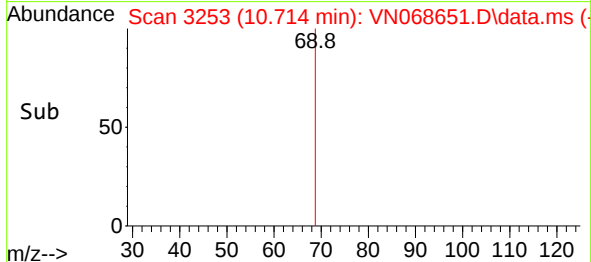
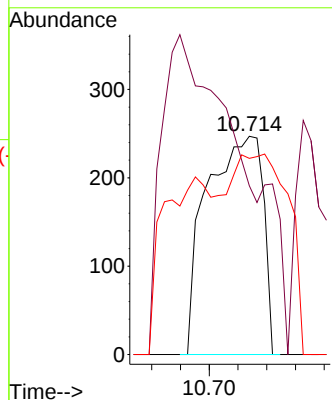
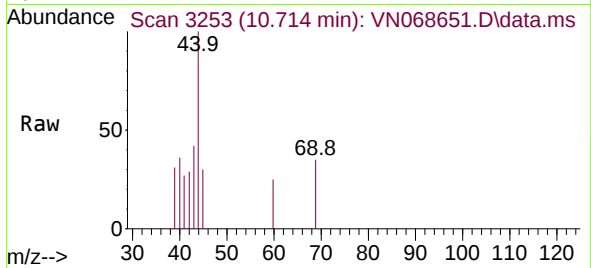




#56
Ethyl methacrylate
Concen: 0.738 ug/l
RT: 10.714 min Scan# 3253
Delta R.T. -0.048 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

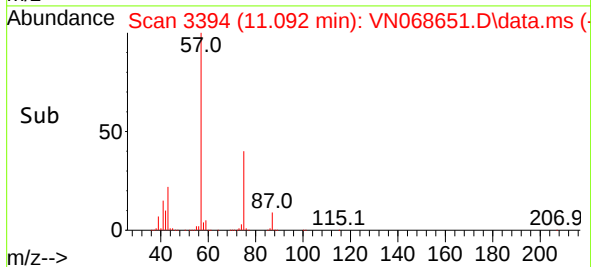
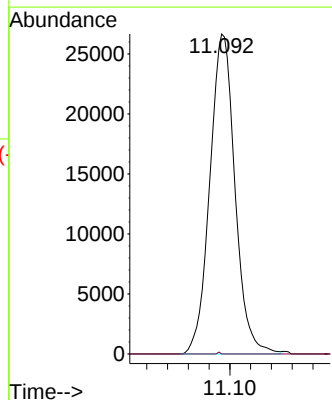
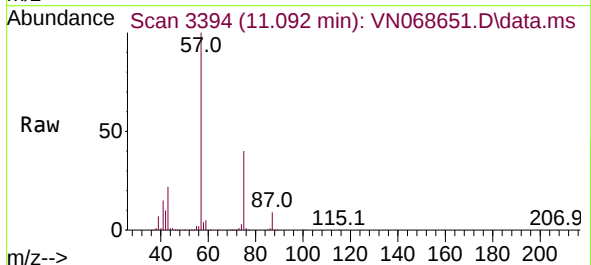
Instrument :
MSVOA_N
ClientSampled :
TP-C

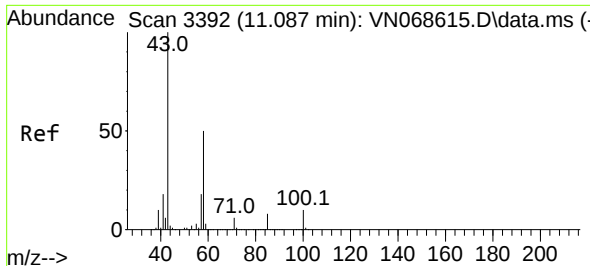
Tgt Ion: 69 Resp: 335
Ion Ratio Lower Upper
69 100
41 0.0 58.6 88.0#
39 0.0 38.3 57.5#



#57
1,3-Dichloropropane
Concen: 4.553 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.045 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 76 Resp: 44867
Ion Ratio Lower Upper
76 100
78 0.1 25.7 38.5#

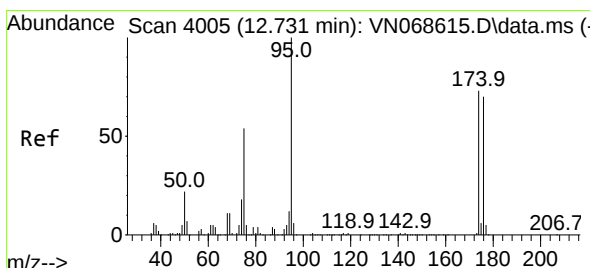
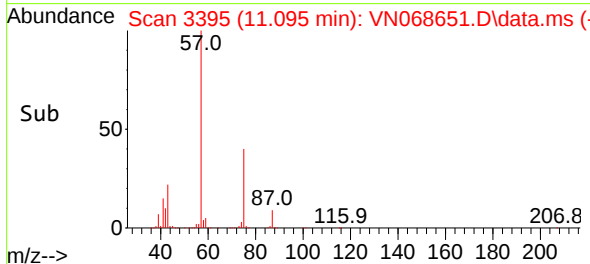
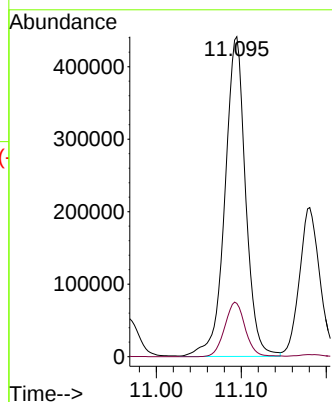
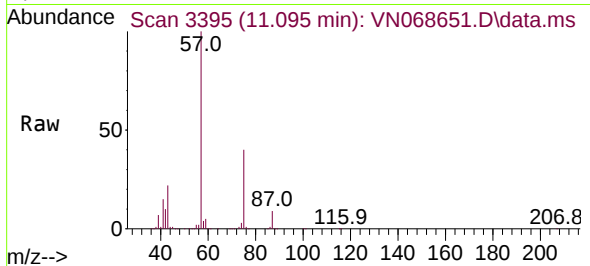




#59
2-Hexanone
Concen: 112.902 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

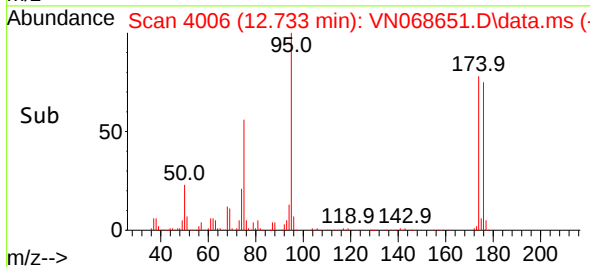
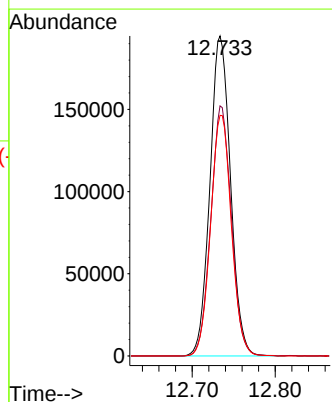
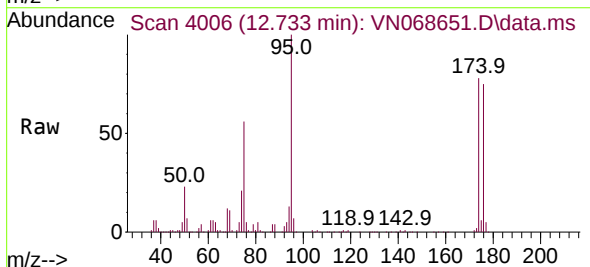
Instrument :
MSVOA_N
ClientSampled :
TP-C

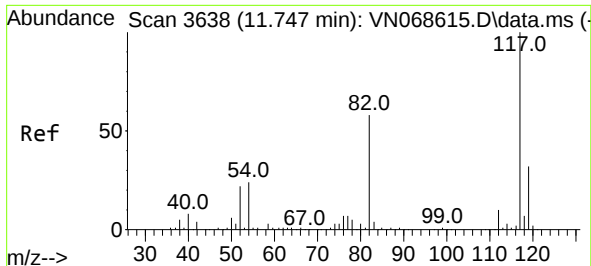
Tgt Ion: 43 Resp: 746480
Ion Ratio Lower Upper
43 100
58 17.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 44.579 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 95 Resp: 335144
Ion Ratio Lower Upper
95 100
174 78.0 0.0 122.0
176 75.9 0.0 117.6

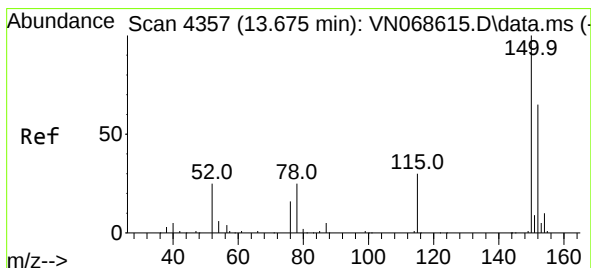
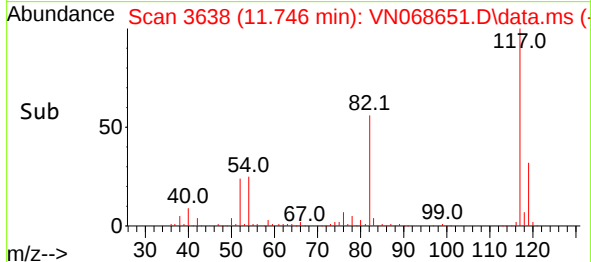
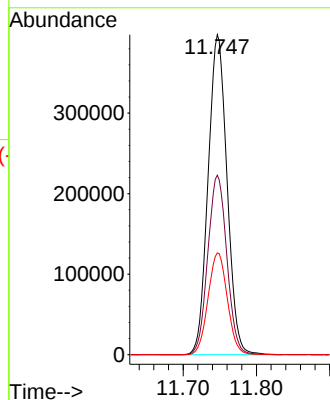
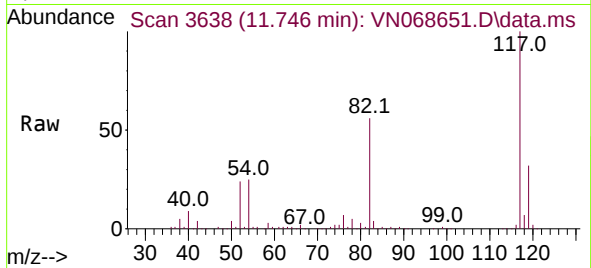




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

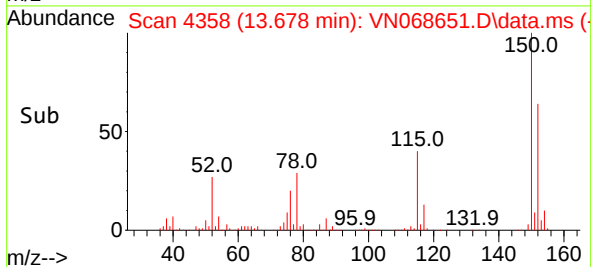
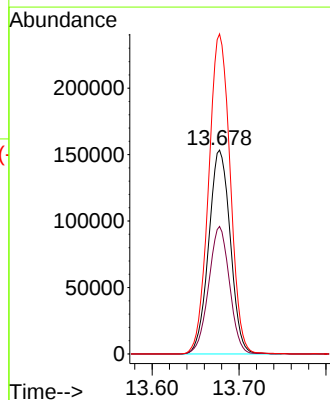
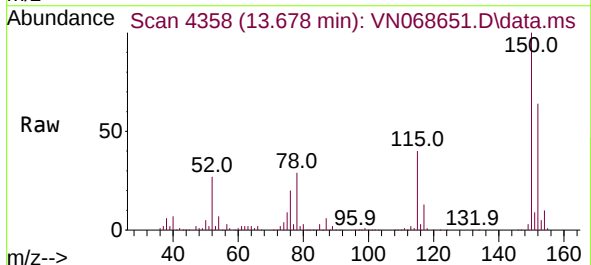
Instrument :
MSVOA_N
ClientSampled :
TP-C

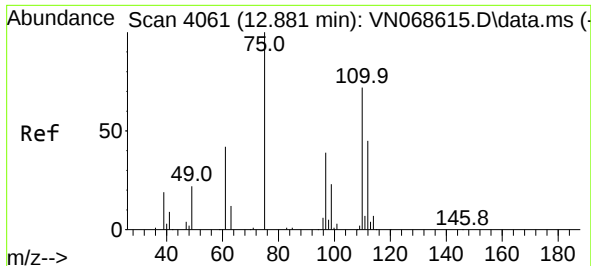
Tgt Ion:117 Resp: 712447
Ion Ratio Lower Upper
117 100
82 56.1 53.1 79.7
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Tgt Ion:152 Resp: 264652
Ion Ratio Lower Upper
152 100
115 60.5 36.1 108.5
150 156.5 0.0 351.8

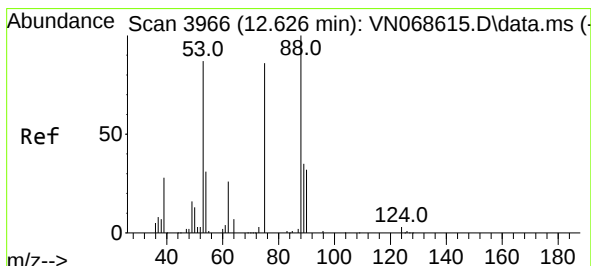
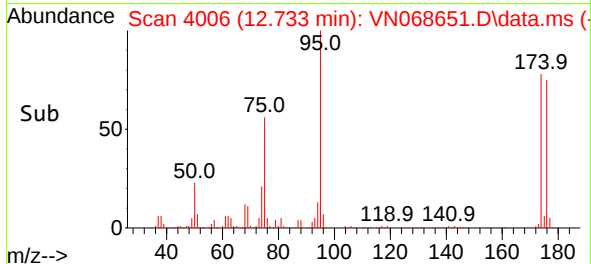
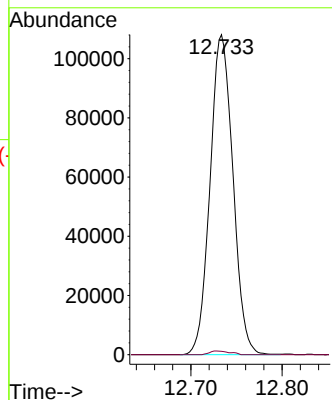
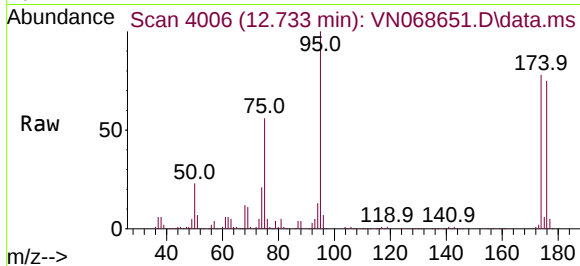




#76
1,2,3-Trichloropropane
Concen: 28.744 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

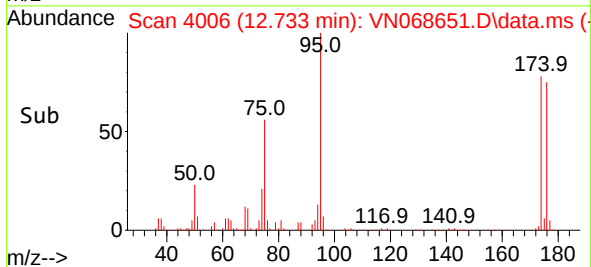
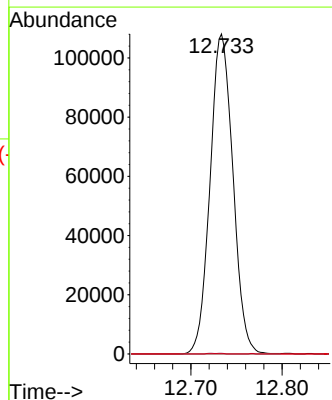
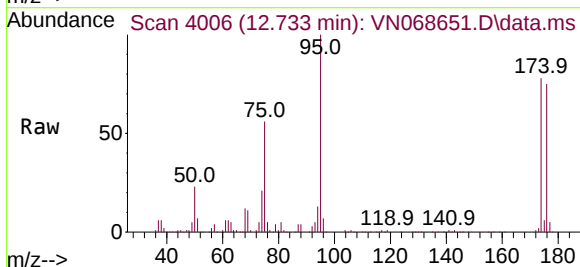
Instrument :
MSVOA_N
ClientSampled :
TP-C

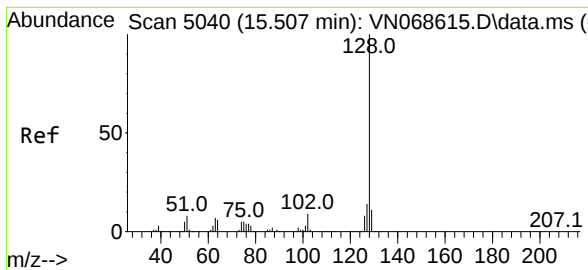
Tgt Ion: 75 Resp: 188094
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.195 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

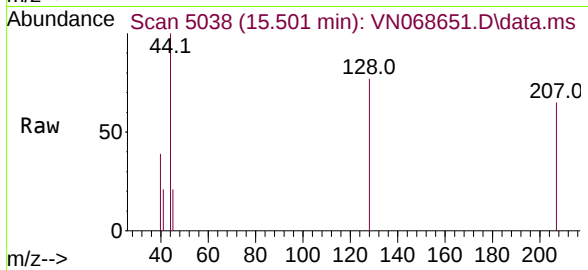
Tgt Ion: 75 Resp: 188094
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.638 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN068651.D
Acq: 24 Sep 2021 20:24

Instrument :
MSVOA_N
ClientSampleId :
TP-C



Tgt Ion:128 Resp: 541
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

