

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062114.D
 Acq On : 25 Jun 2020 16:29
 Operator : JC/MD
 Sample : L3071-10 100X
 Misc : 4.98g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1.5

Quant Time: Jun 26 01:48:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	229732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	155559	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	7.55	113	132533	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	10.06	98	533248	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.37	95	168688	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	

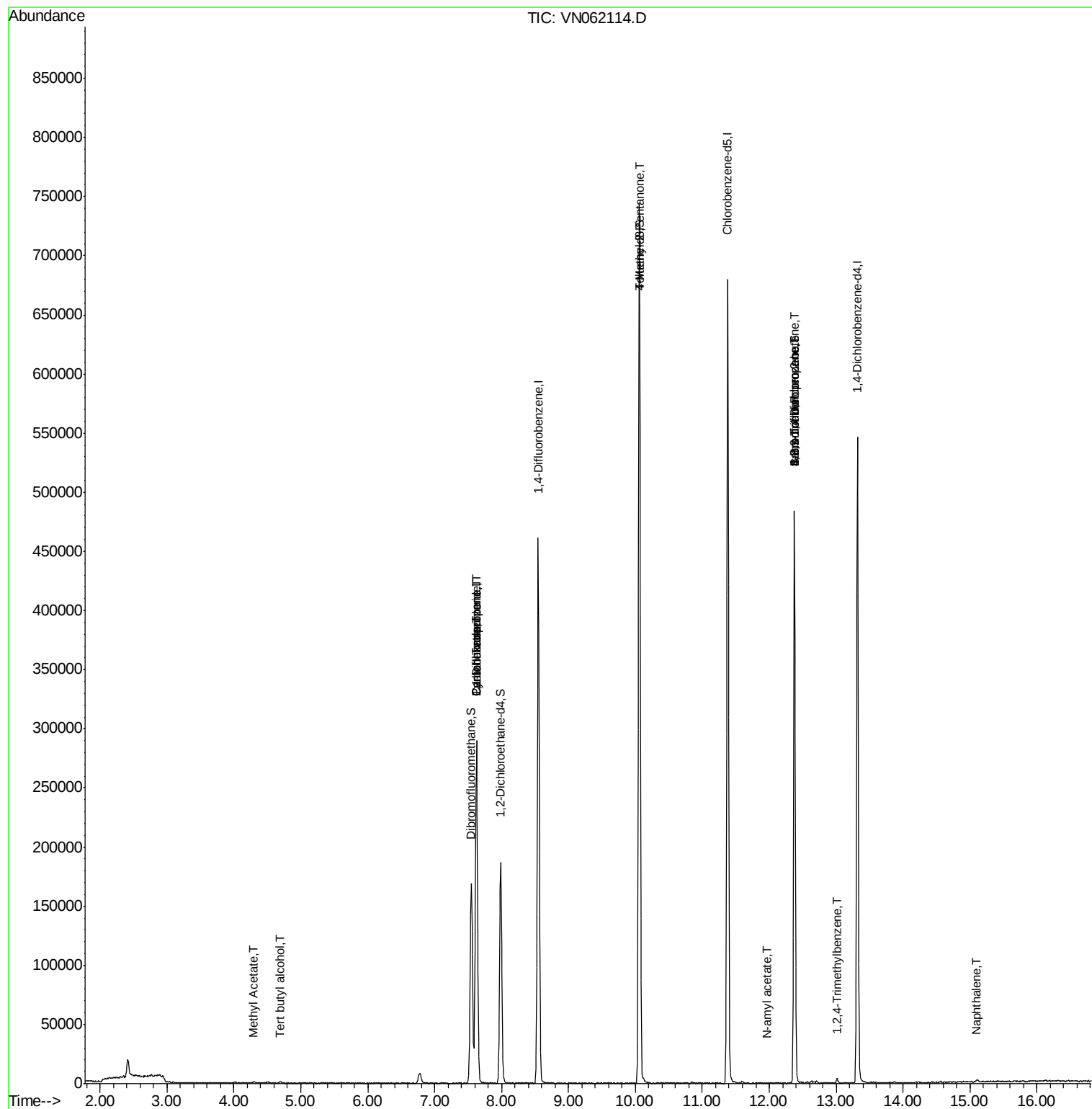
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	247	Below Cal	#	41
11) Tert butyl alcohol	4.71	59	279	0.603	ug/l #	72
16) Acetone	3.77	43	539	Below Cal	#	40
18) Methyl Acetate	4.30	43	954	0.372	ug/l #	46
20) Methylene Chloride	4.50	84	640	Below Cal	#	28
31) Cyclohexane	7.62	56	4907	1.102	ug/l #	25
36) 1,1-Dichloropropene	7.63	75	18545	4.344	ug/l #	48
38) Carbon Tetrachloride	7.63	117	22688	5.637	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2204	0.655	ug/l #	1
71) Bromoform	12.38	173	1497	0.693	ug/l #	1
74) N-amyl acetate	11.97	43	98	3.365	ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	86271	24.525	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	86271	71.621	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.02	105	2579	0.275	ug/l	80
95) Naphthalene	15.11	128	2567	4.326	ug/l #	79

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
Data File : VN062114.D
Acq On : 25 Jun 2020 16:29
Operator : JC/MD
Sample : L3071-10 100X
Misc : 4.98g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1.5

Quant Time: Jun 26 01:48:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

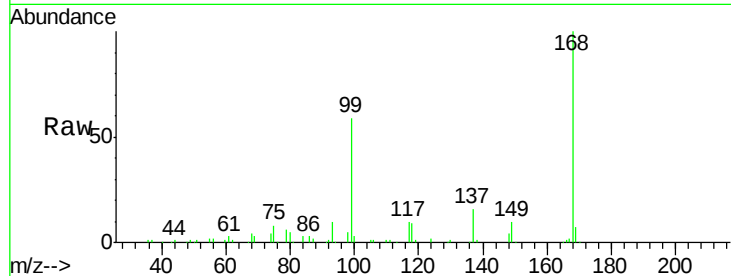
TW-1.5

Tgt Ion:168 Resp: 229732

Ion Ratio Lower Upper

168 100

99 59.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

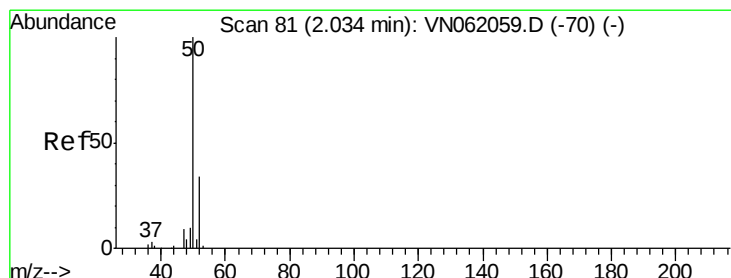
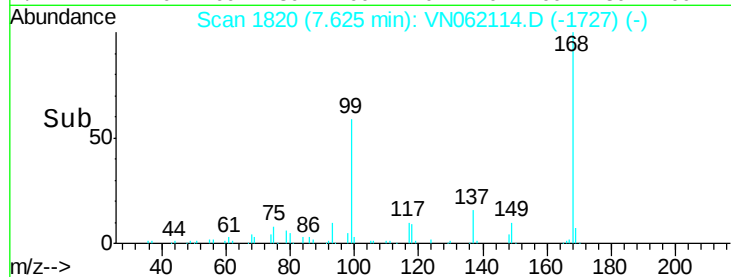
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062114.D

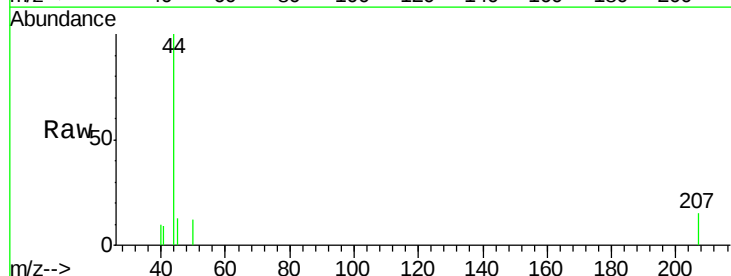
Acq: 25 Jun 2020 16:29

Tgt Ion: 50 Resp: 247

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

250

200

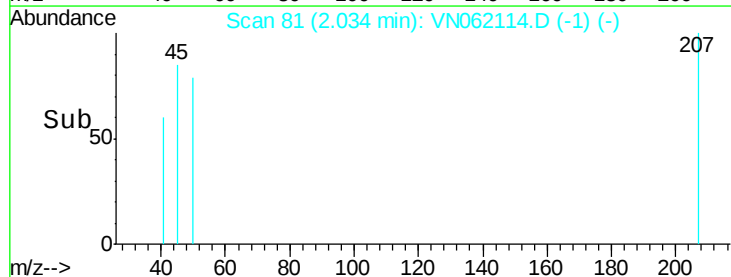
150

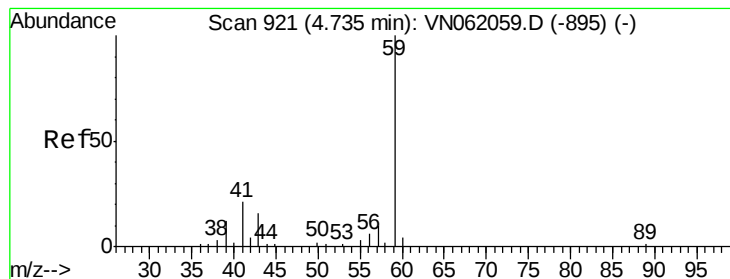
100

50

0

Time--> 2.02 2.04 2.06



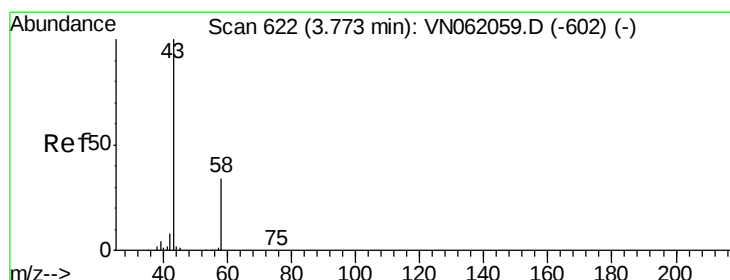
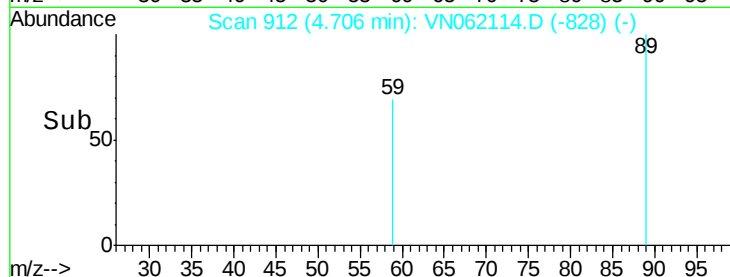
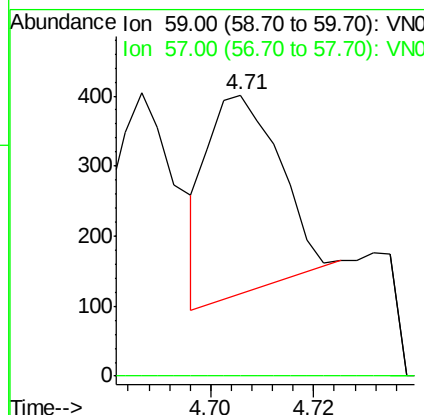
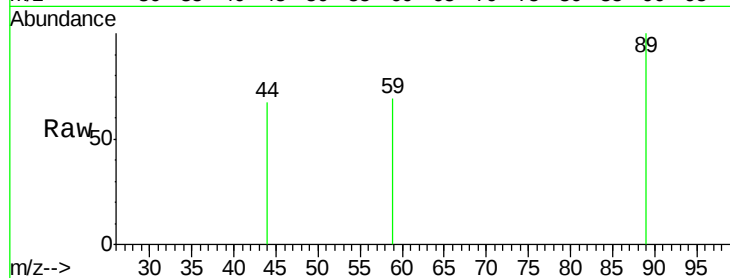


#11

Tert butyl alcohol
 Concen: 0.603 ug/l
 RT: 4.71 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Instrument :
 MSVOA_N
 ClientSampled :
 TW-1.5

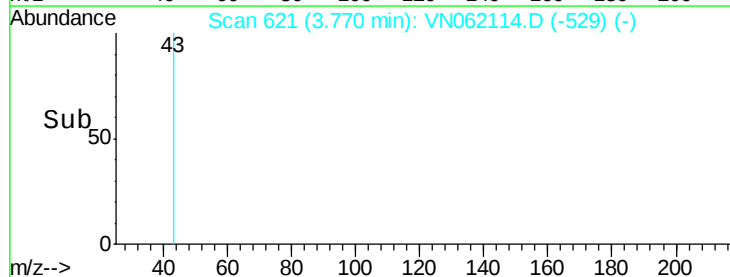
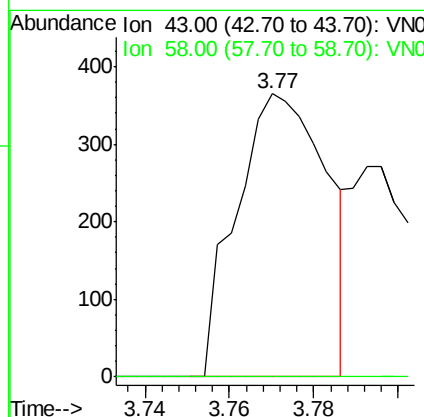
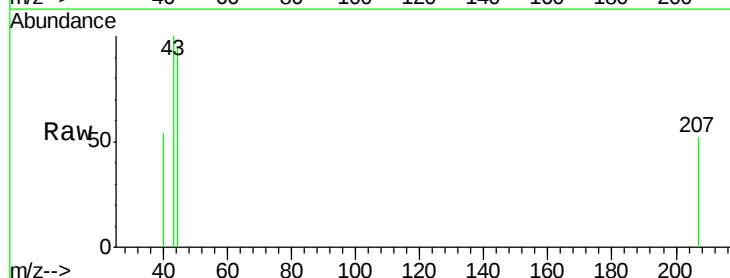
Tgt Ion: 59 Resp: 279
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

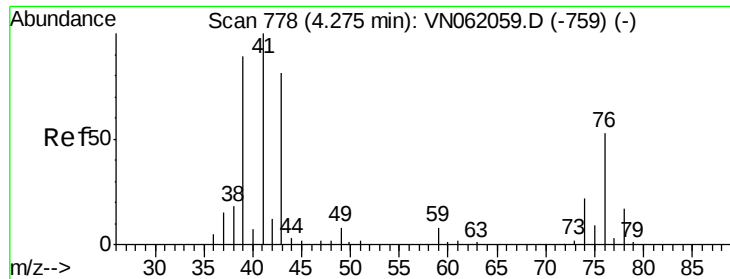


#16

Acetone
 Concen: Below Cal
 RT: 3.77 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Tgt Ion: 43 Resp: 539
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.5 41.3#

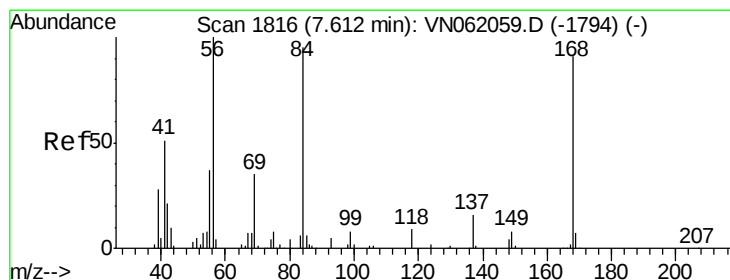
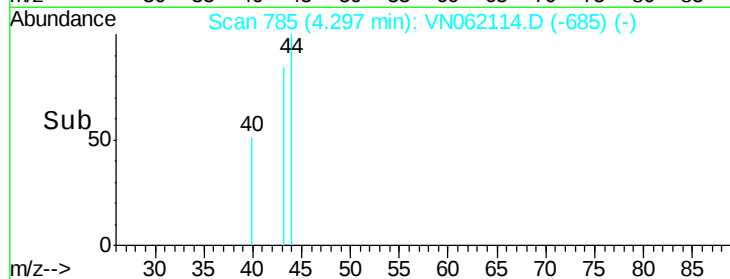
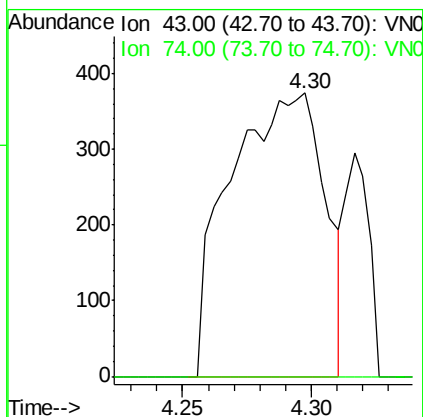
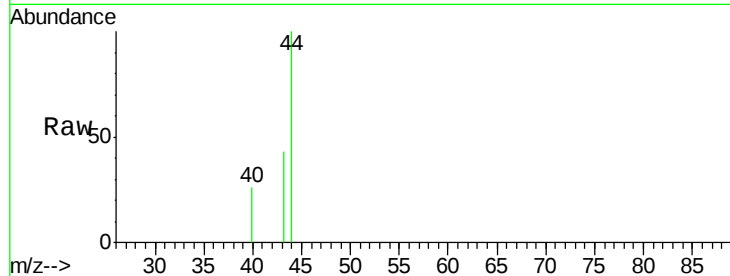




#18
Methyl Acetate
Concen: 0.372 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.02 min
Lab File: VN062114.D
Acq: 25 Jun 2020 16:29

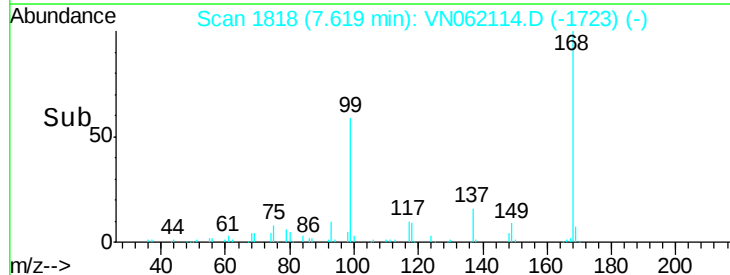
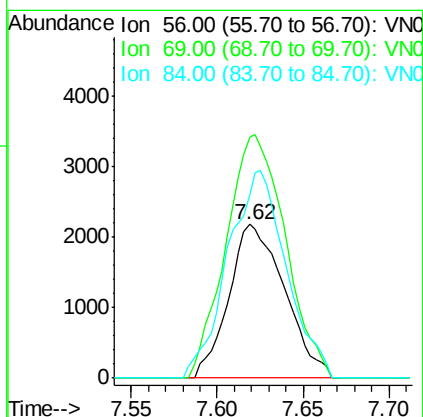
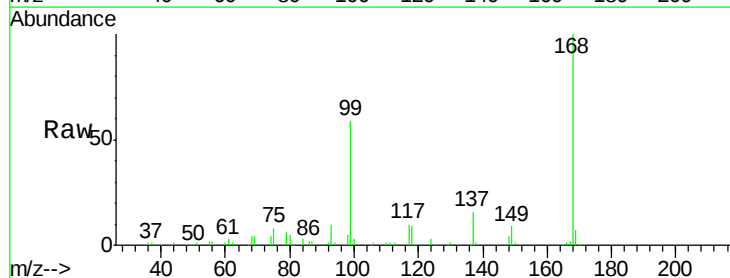
Instrument :
MSVOA_N
ClientSampled :
TW-1.5

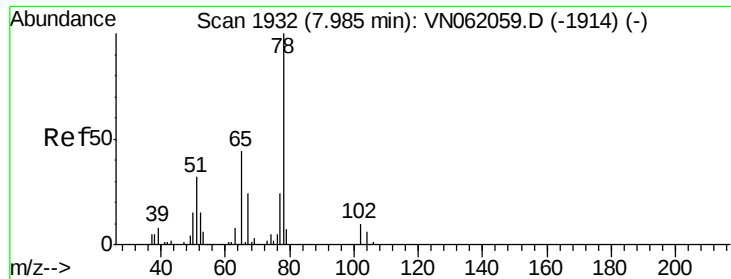
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
74 0.0 22.9 34.3#



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062114.D
Acq: 25 Jun 2020 16:29

Tgt Ion: 56 Resp: 4907
Ion Ratio Lower Upper
56 100
69 156.8 28.0 42.0#
84 119.2 76.1 114.1#

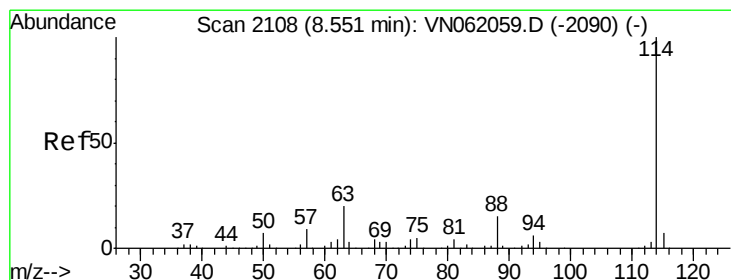
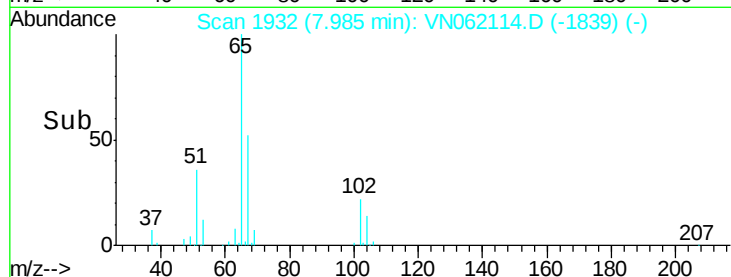
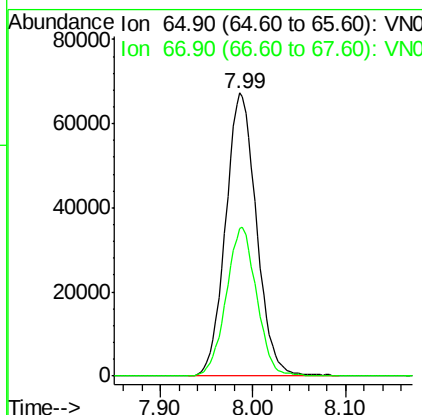
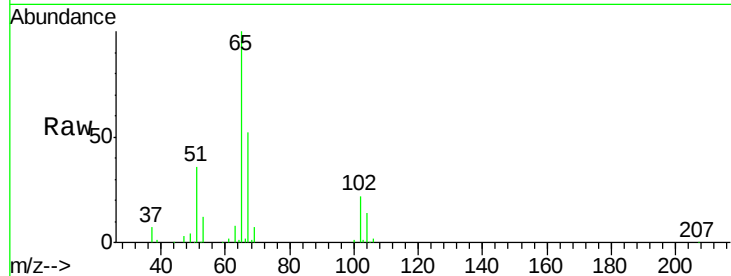




#33
 1,2-Dichloroethane-d4
 Concen: 48.252 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

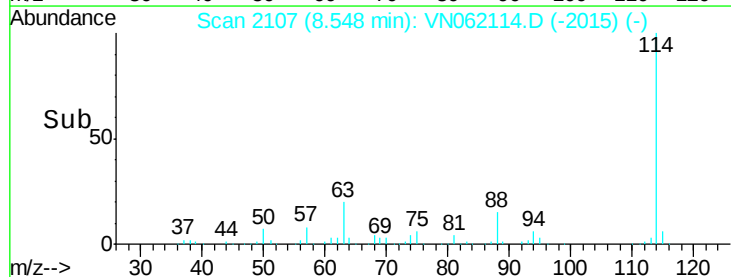
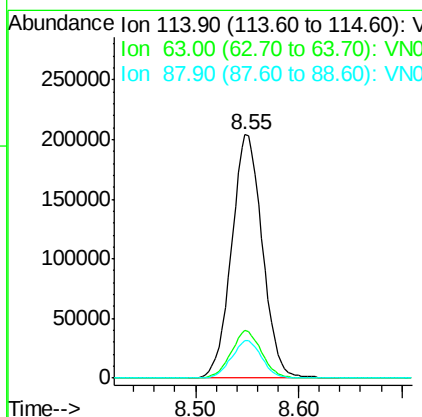
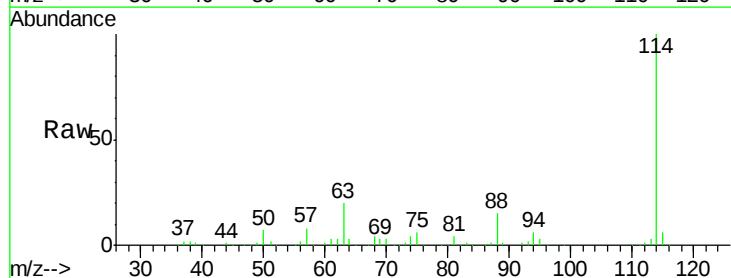
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1.5

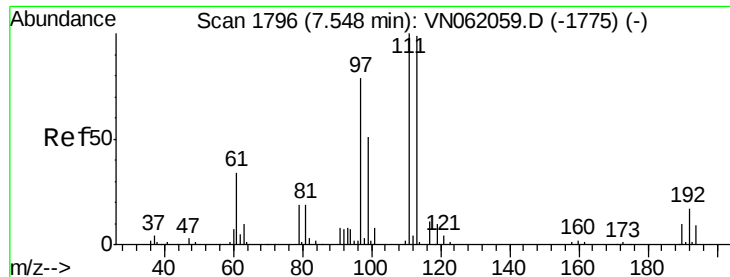
Tgt Ion: 65 Resp: 155559
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Tgt Ion: 114 Resp: 424742
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.3 0.0 30.8

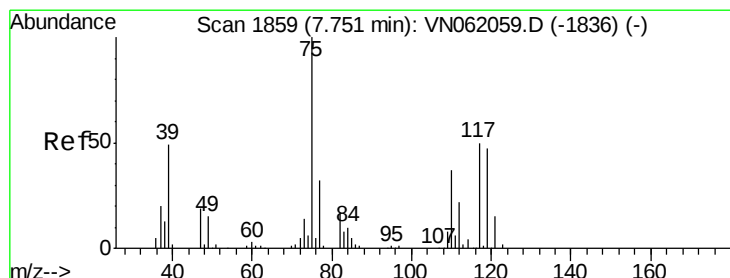
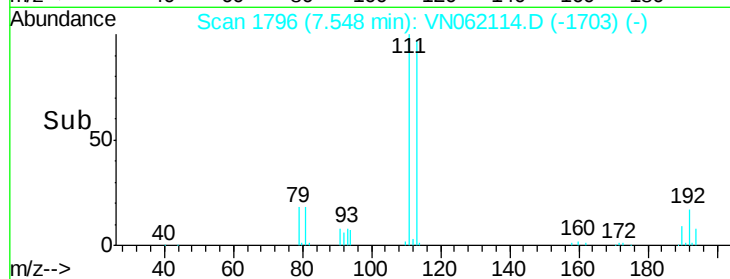
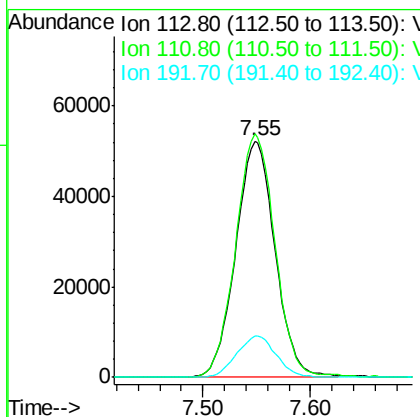
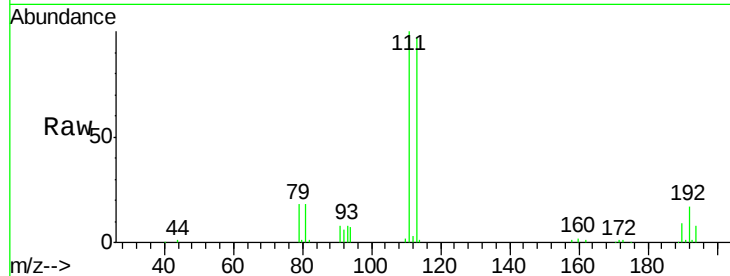




#35
 Dibromofluoromethane
 Concen: 48.637 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

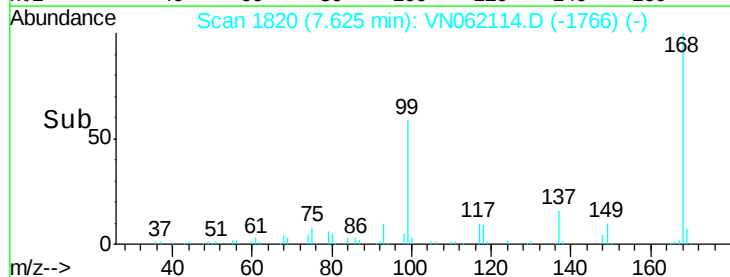
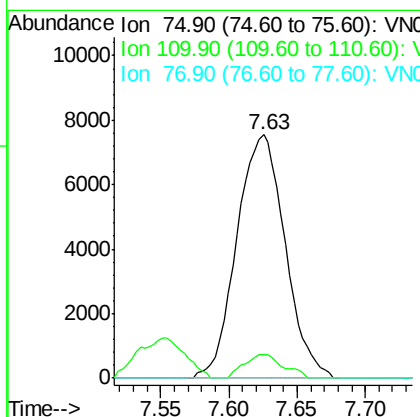
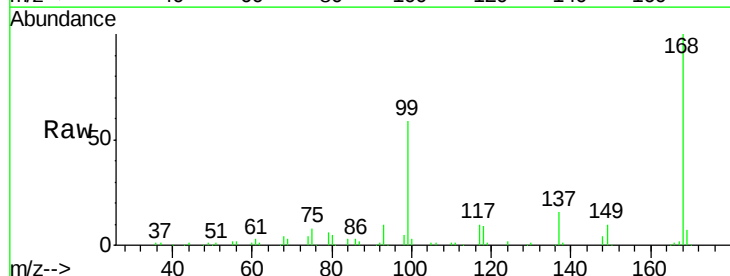
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1.5

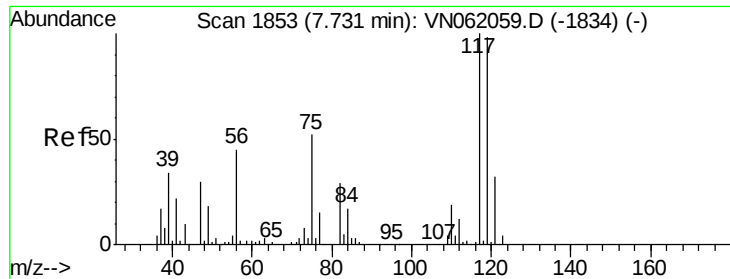
Tgt Ion:113 Resp: 132533
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 17.6 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 4.344 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Tgt Ion: 75 Resp: 18545
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.9 53.8#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.637 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

Instrument :

MSVOA_N

ClientSampled :

TW-1.5

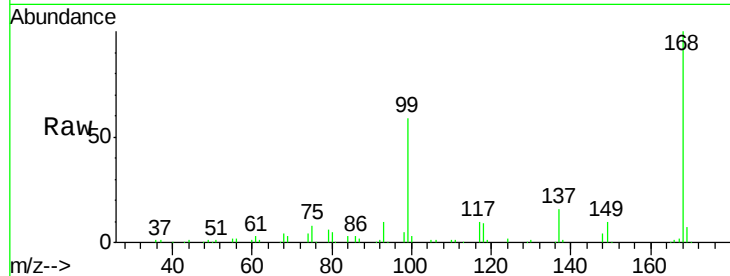
Tgt Ion:117 Resp: 22688

Ion Ratio Lower Upper

117 100

119 5.6 78.2 117.2#

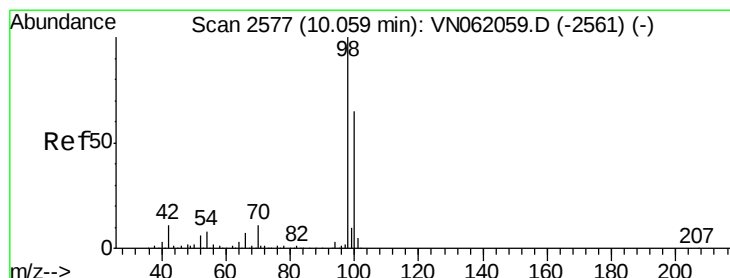
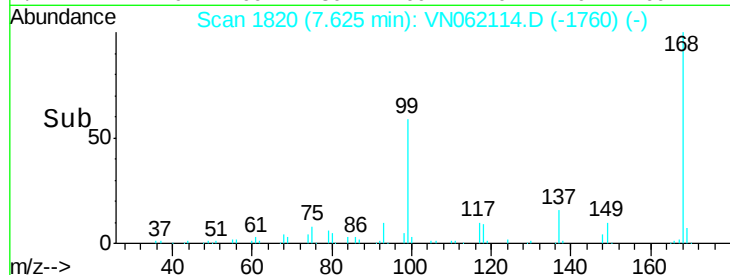
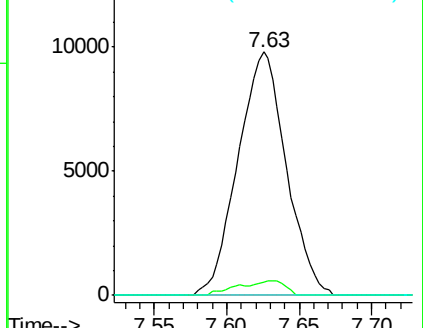
121 0.0 25.8 38.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.956 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062114.D

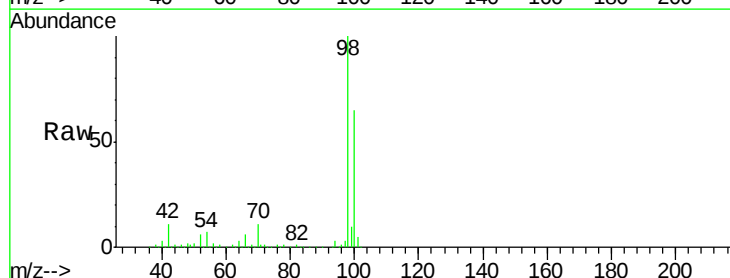
Acq: 25 Jun 2020 16:29

Tgt Ion: 98 Resp: 533248

Ion Ratio Lower Upper

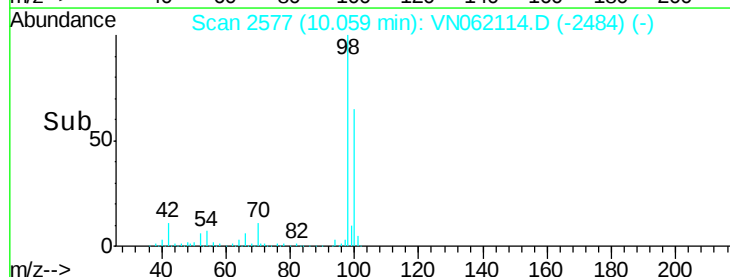
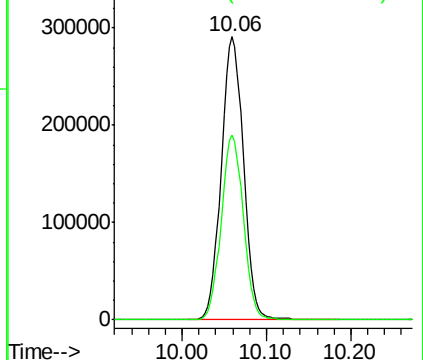
98 100

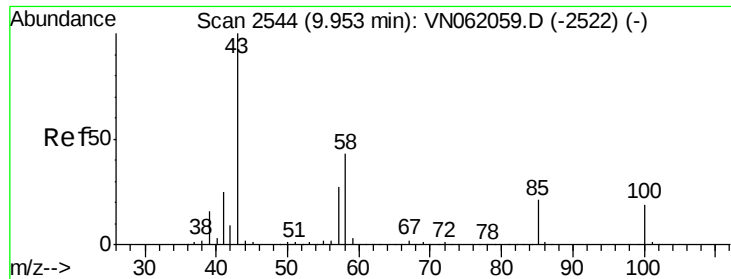
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

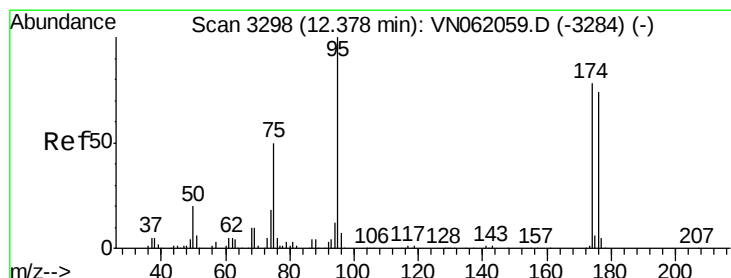
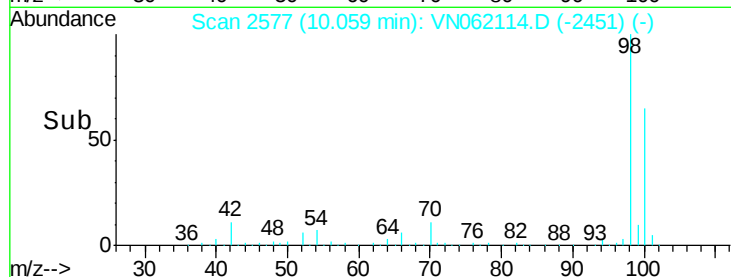
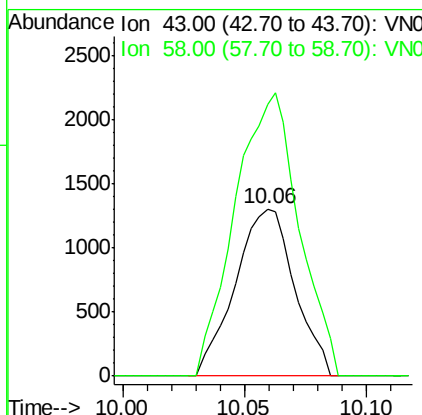
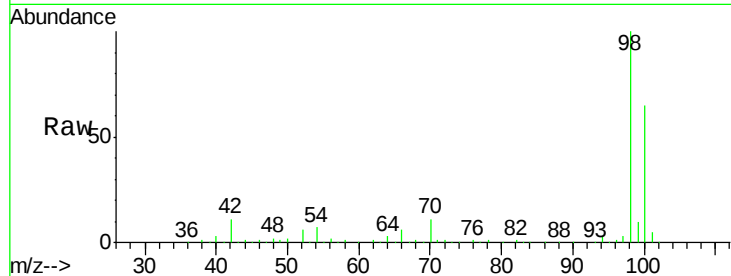




#51
 4-Methyl-2-Pentanone
 Concen: 0.655 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.11 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

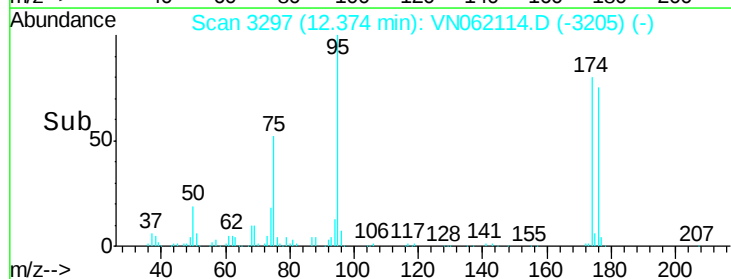
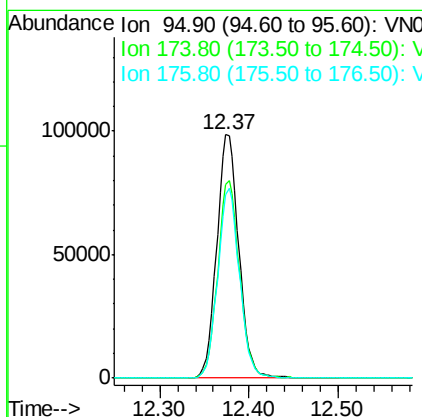
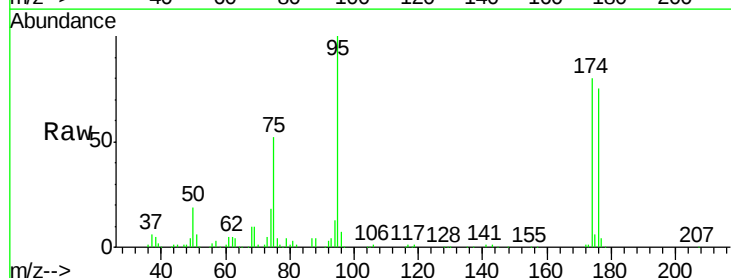
Instrument :
 MSVOA_N
 ClientSampled :
 TW-1.5

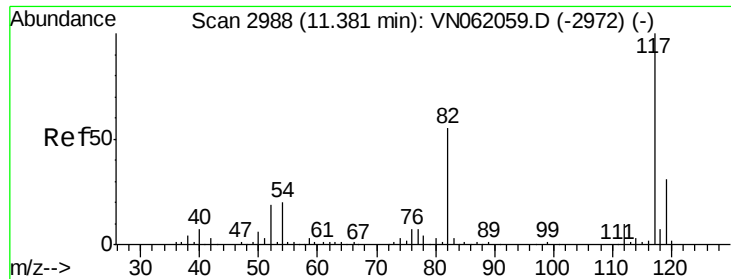
Tgt Ion: 43 Resp: 2204
 Ion Ratio Lower Upper
 43 100
 58 182.6 34.2 51.2#



#62
 4-Bromofluorobenzene
 Concen: 45.838 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Tgt Ion: 95 Resp: 168688
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 154.8
 176 76.7 0.0 147.4

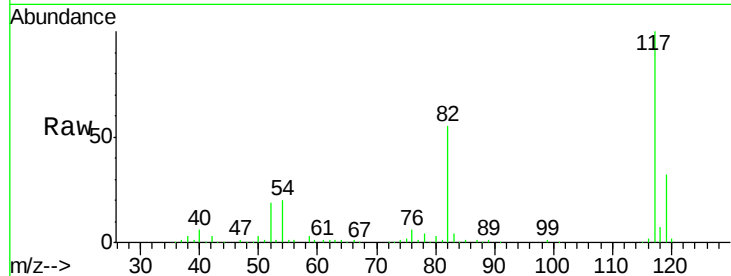




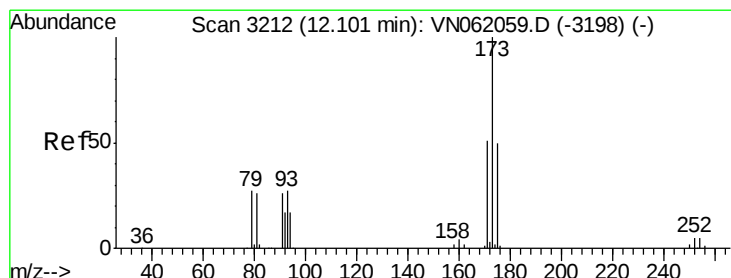
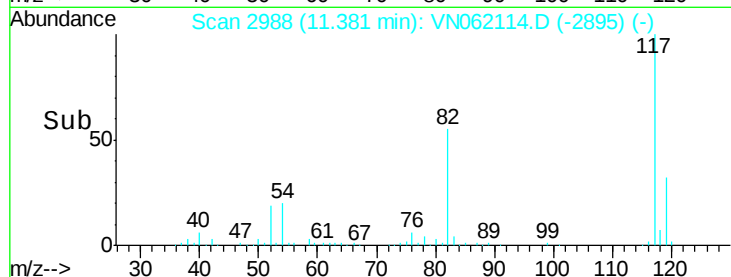
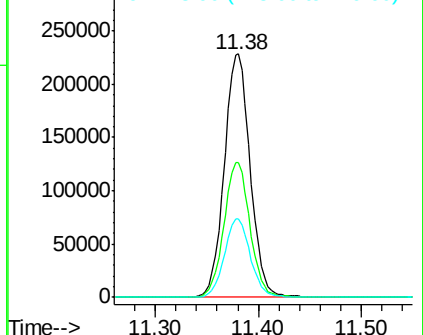
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062114.D
Acq: 25 Jun 2020 16:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1.5

Tgt Ion:117 Resp: 399822
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.3 25.2 37.8

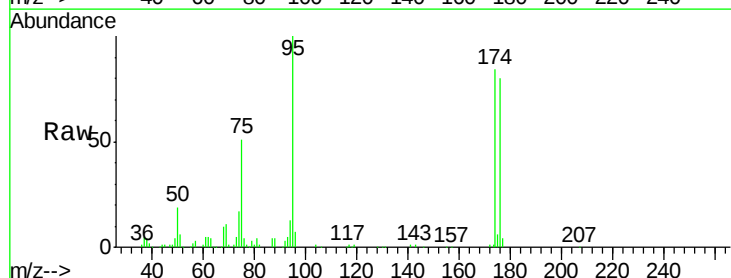


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

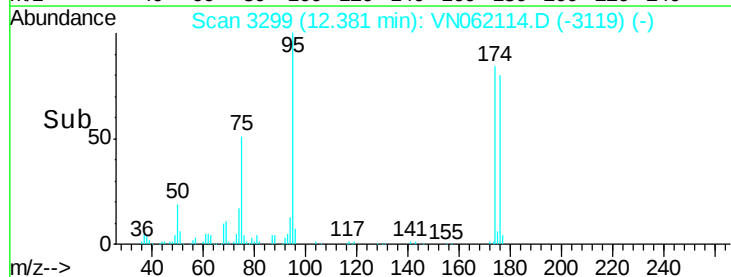
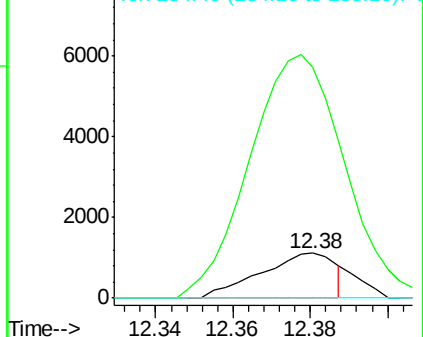


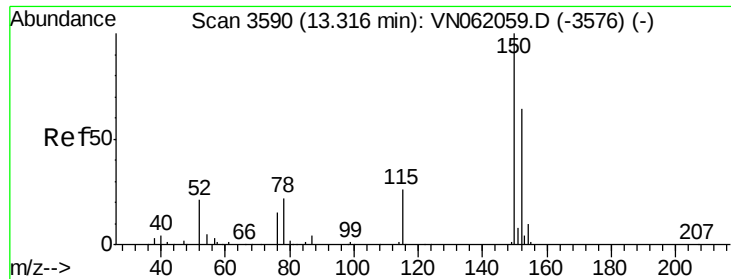
#71
Bromoform
Concen: 0.693 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN062114.D
Acq: 25 Jun 2020 16:29

Tgt Ion:173 Resp: 1497
Ion Ratio Lower Upper
173 100
175 590.6 24.7 74.1#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1.5

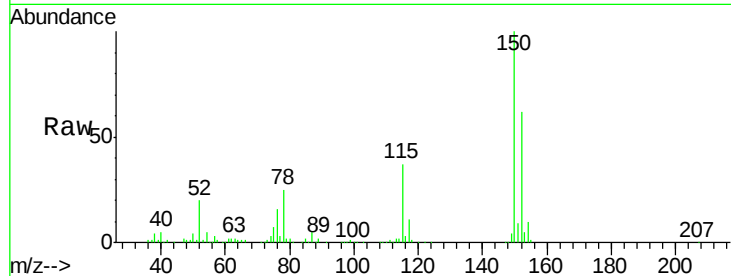
Tgt Ion:152 Resp: 149431

Ion Ratio Lower Upper

152 100

115 58.5 29.5 88.5

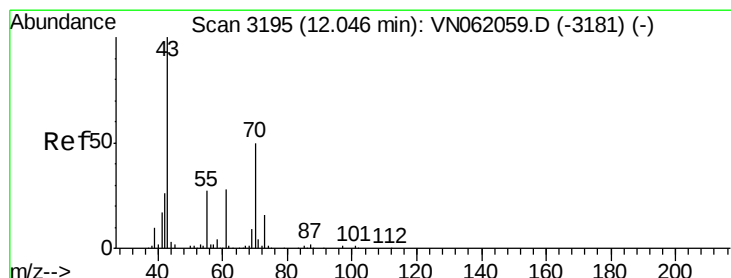
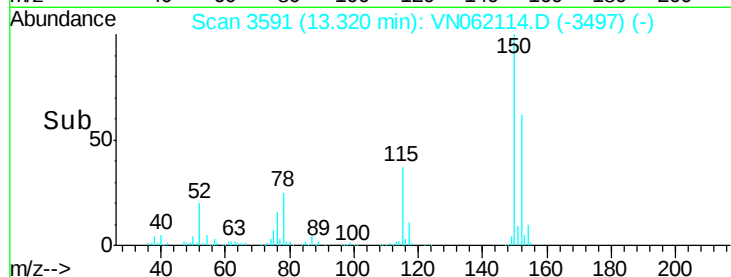
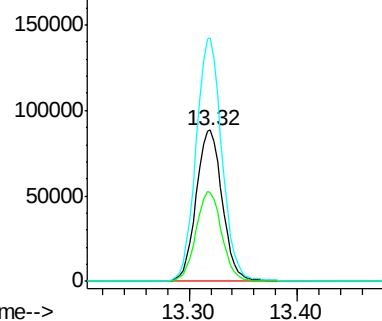
150 159.5 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 3.365 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. -0.08 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

Tgt Ion: 43 Resp: 98

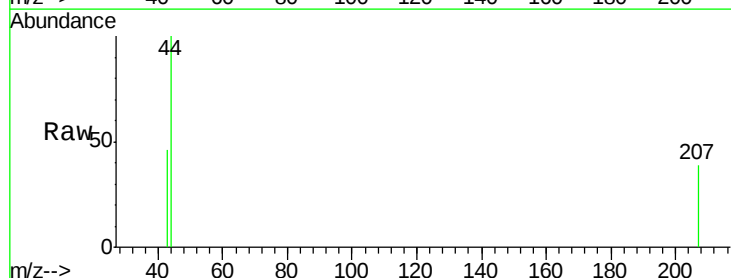
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

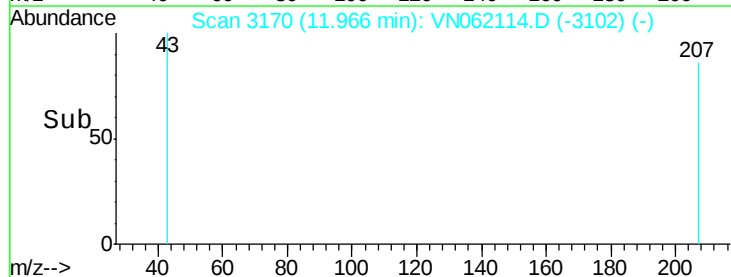
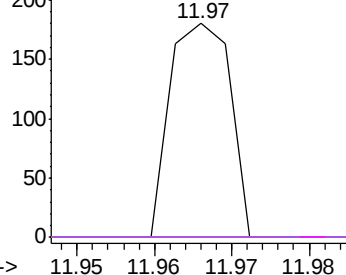


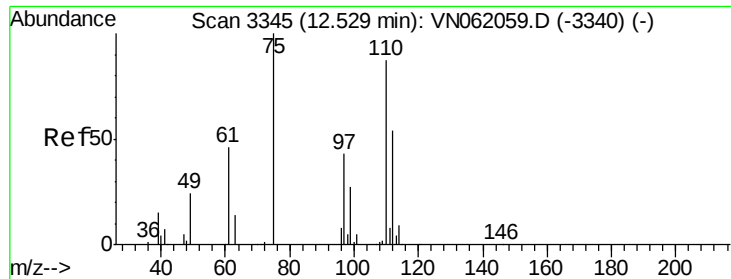
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 24.525 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

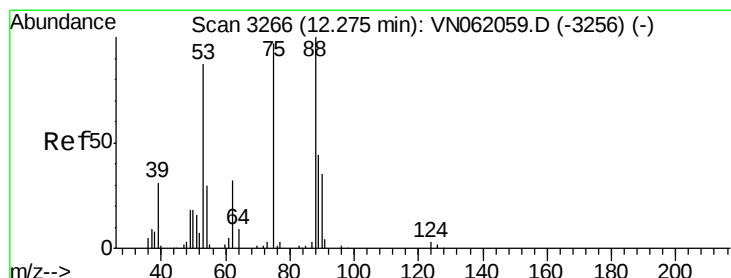
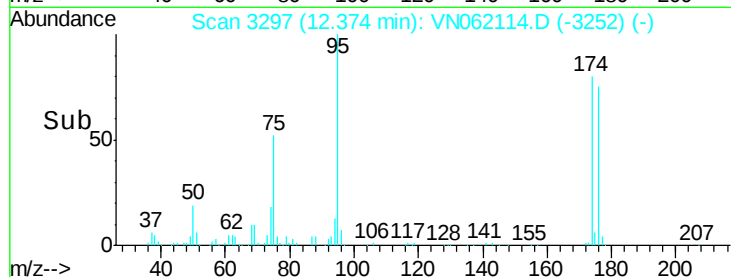
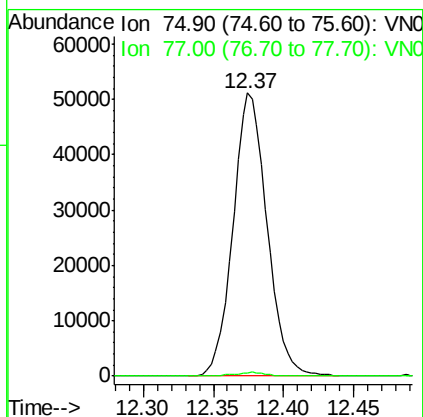
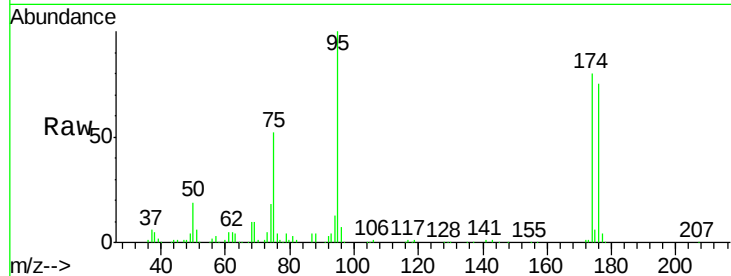
TW-1.5

Tgt Ion: 75 Resp: 86271

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.621 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

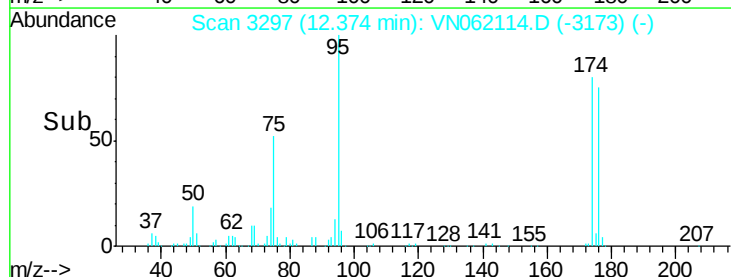
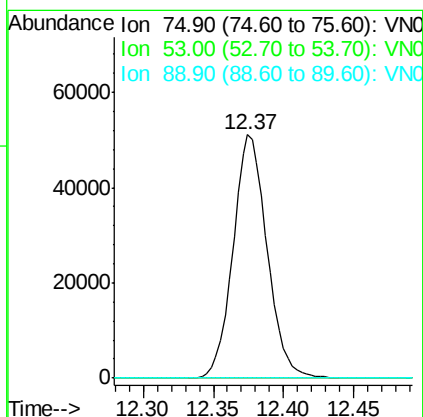
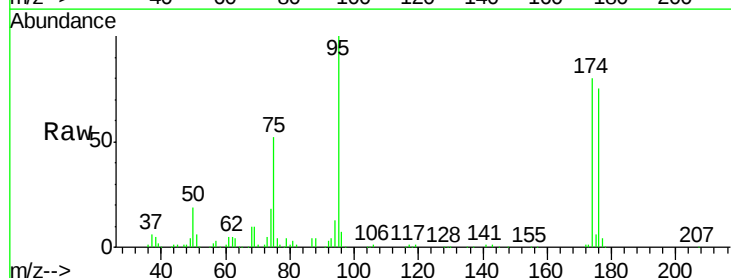
Tgt Ion: 75 Resp: 86271

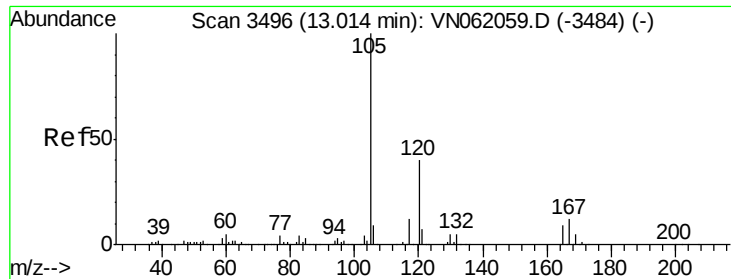
Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 36.9 55.3#

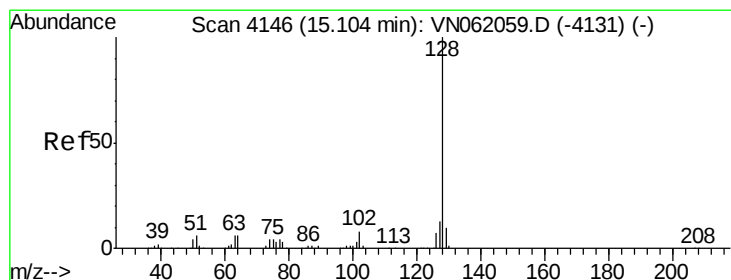
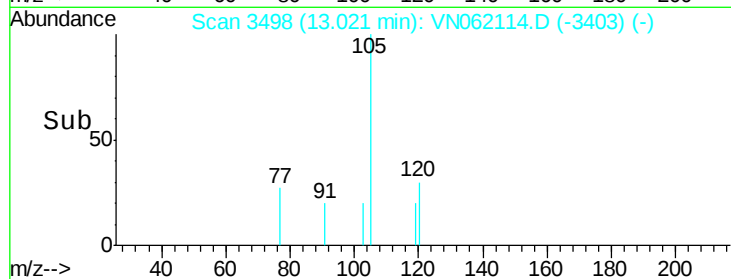
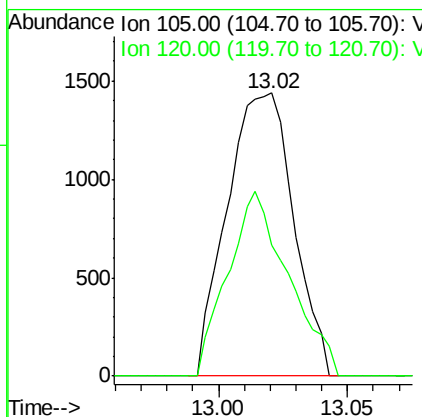
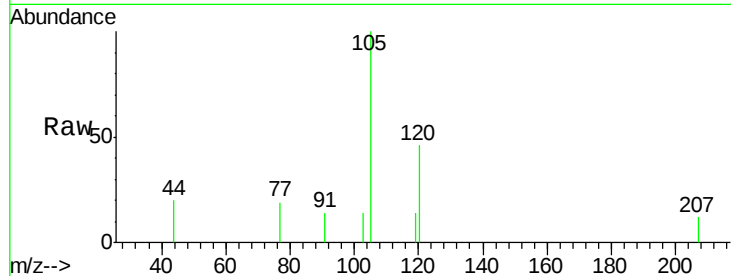




#84
 1,2,4-Trimethylbenzene
 Concen: 0.275 ug/l
 RT: 13.02 min Scan# 3498
 Delta R.T. 0.01 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1.5

Tgt Ion:105 Resp: 2579
 Ion Ratio Lower Upper
 105 100
 120 59.5 23.2 69.5



#95
 Naphthalene
 Concen: 4.326 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Tgt Ion:128 Resp: 2567
 Ion Ratio Lower Upper
 128 100
 127 5.1 10.5 15.7#
 129 2.7 8.6 13.0#

