

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062615.D
 Acq On : 27 Jul 2020 21:52
 Operator : JC/MD
 Sample : L3434-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 11986

Quant Time: Jul 28 07:45:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

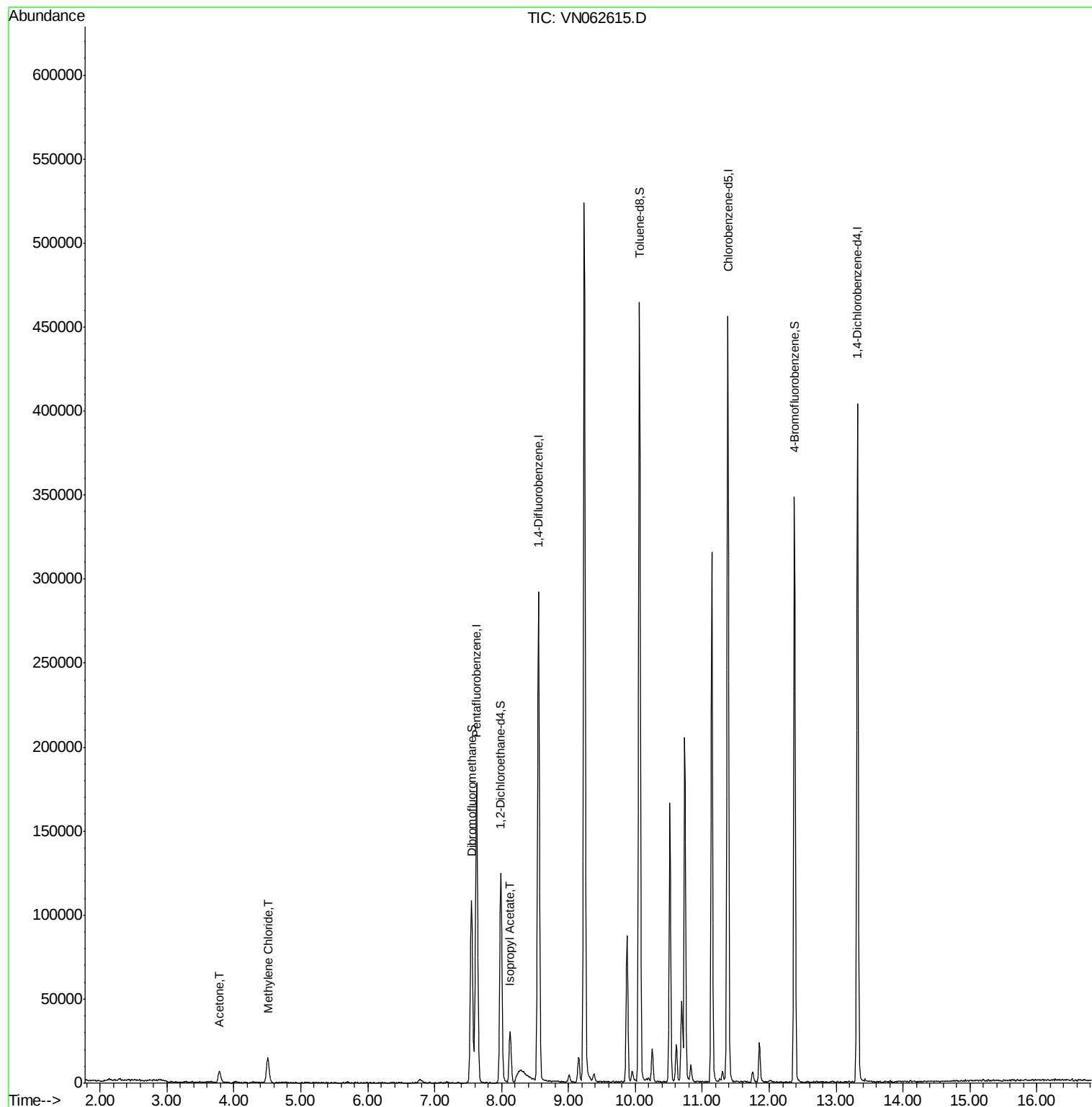
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	133950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	114217	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	7.55	113	82347	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.06	98	317980	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.38	95	122680	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
Target Compounds						
16) Acetone	3.78	43	12548	16.025	ug/l	98
20) Methylene Chloride	4.51	84	10780	5.740	ug/l	91
43) Isopropyl Acetate	8.13	43	36546	8.117	ug/l #	90

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 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: VN062615.D

Acq: 27 Jul 2020 21:52

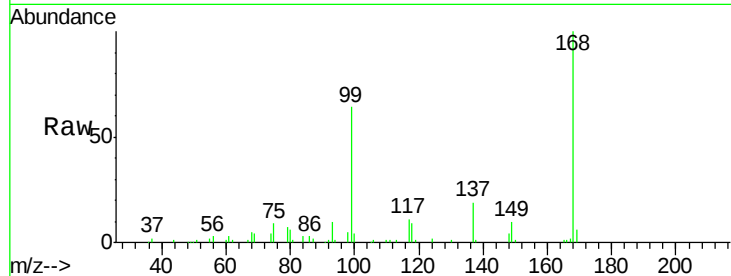
Instrument :
MSVOA_N
ClientSampled :
11986

Tot Ion:168 Resp: 133950

Ion Ratio Lower Upper

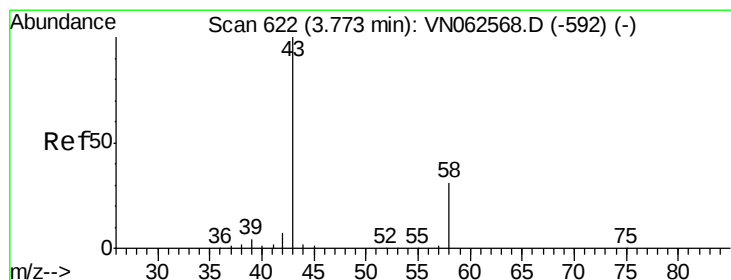
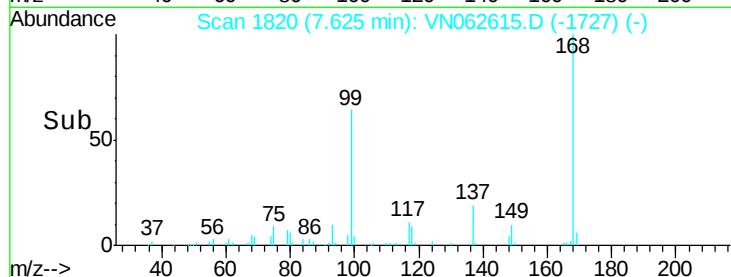
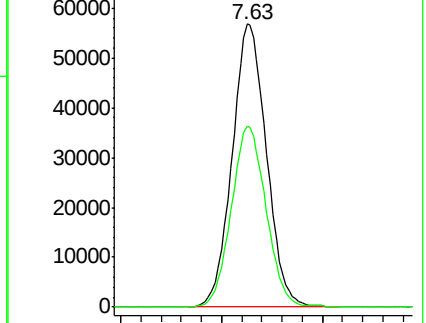
168 100

99 64.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 16.025 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062615.D

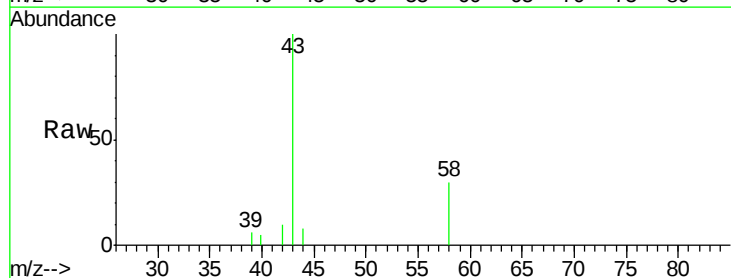
Acq: 27 Jul 2020 21:52

Tgt Ion: 43 Resp: 12548

Ion Ratio Lower Upper

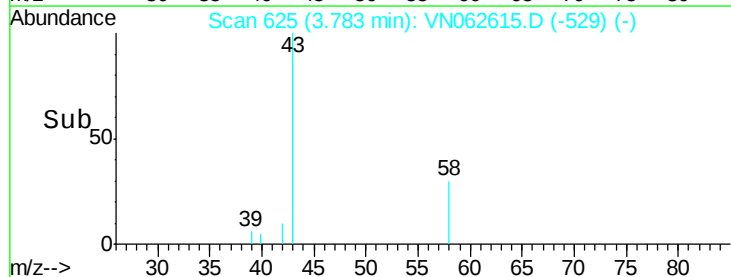
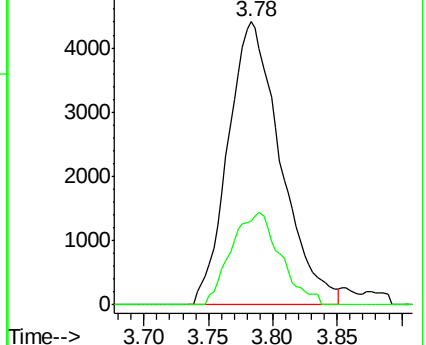
43 100

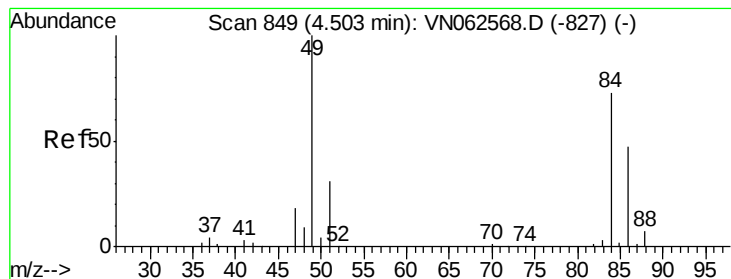
58 29.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 5.740 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN062615.D

Acq: 27 Jul 2020 21:52

Instrument :

MSVOA_N

ClientSampled :

11986

Tot Ion: 84 Resp: 10780

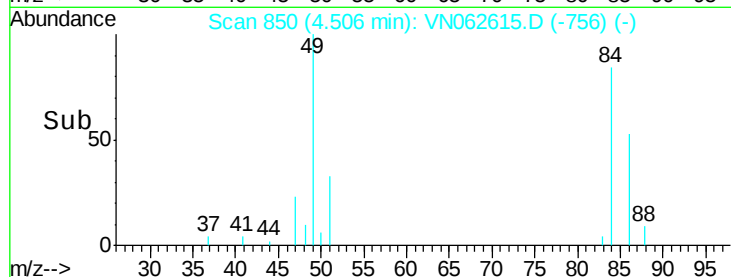
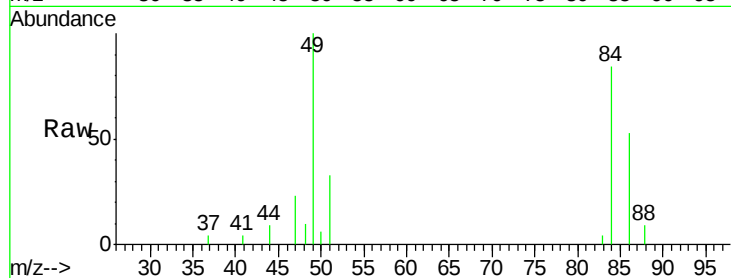
Ion Ratio Lower Upper

84 100

49 119.6 109.4 164.0

51 39.2 33.6 50.4

86 63.1 51.4 77.2

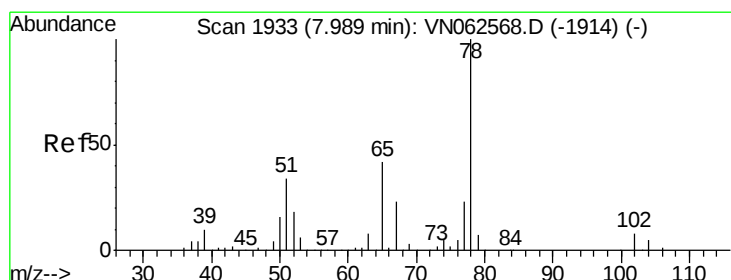
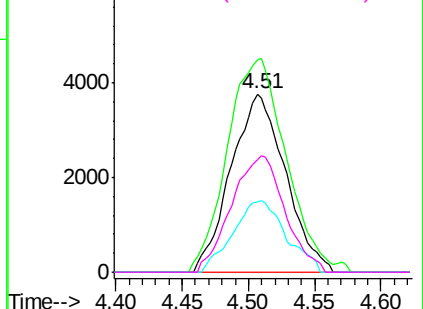


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.890 ug/l

RT: 7.99 min Scan# 1934

Delta R.T. 0.00 min

Lab File: VN062615.D

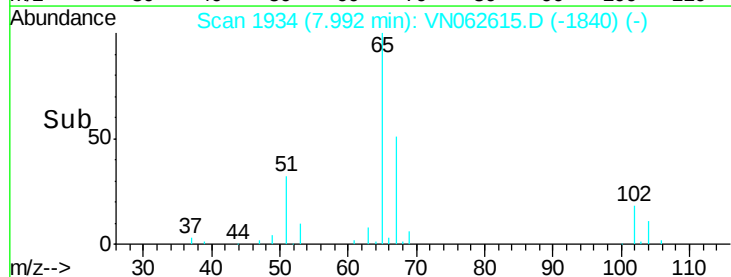
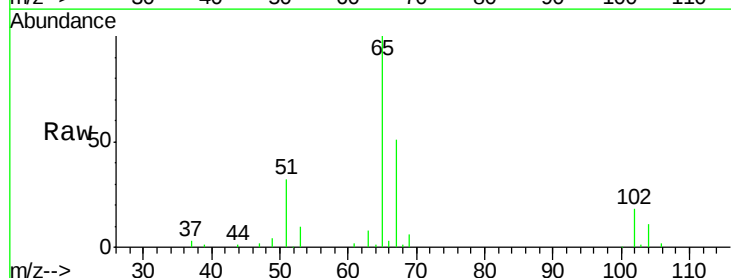
Acq: 27 Jul 2020 21:52

Tgt Ion: 65 Resp: 114217

Ion Ratio Lower Upper

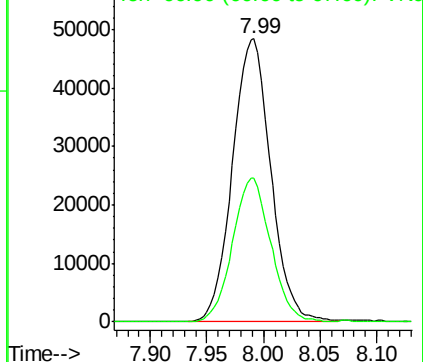
65 100

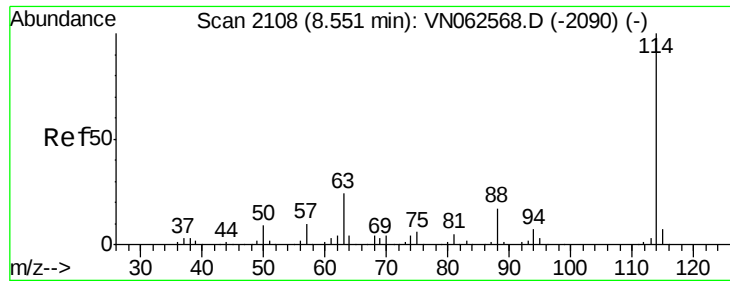
67 50.7 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

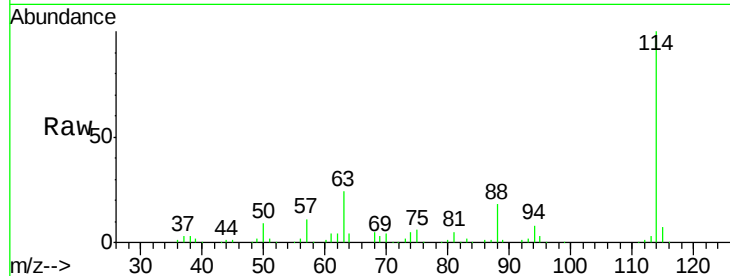




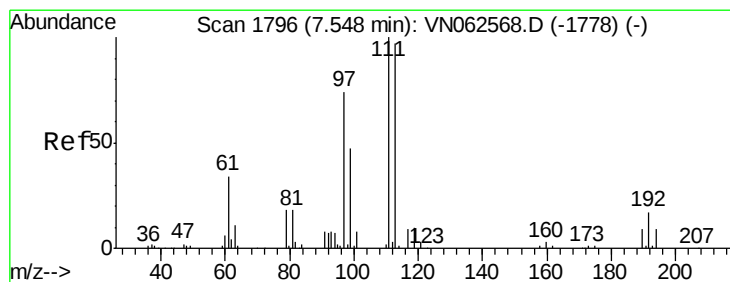
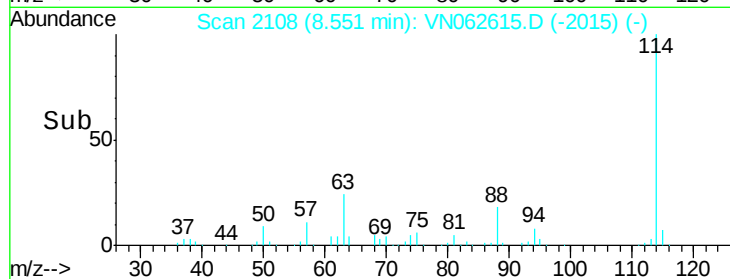
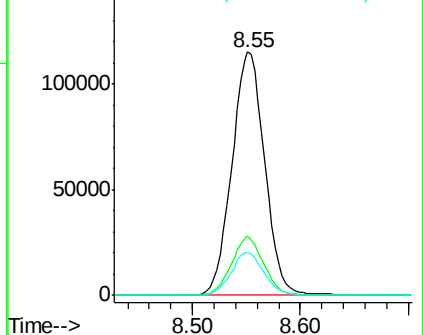
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062615.D
 Acq: 27 Jul 2020 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 11986

Tot Ion:114 Resp: 243071
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.4
 88 17.7 0.0 33.8

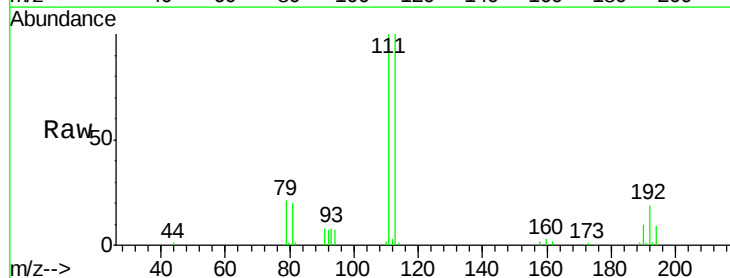


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

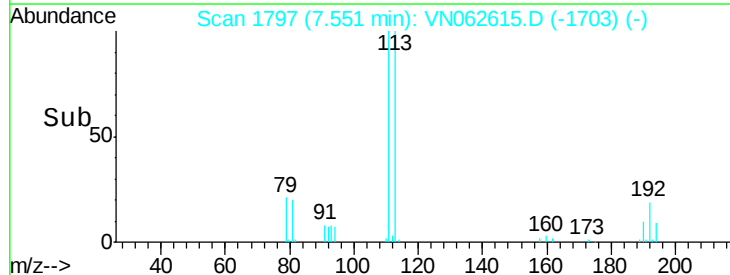
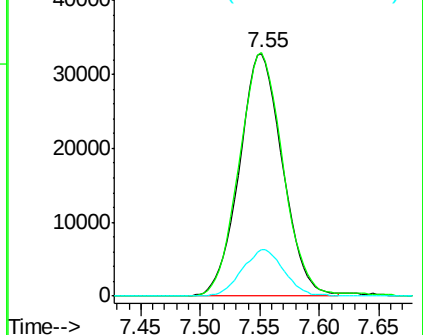


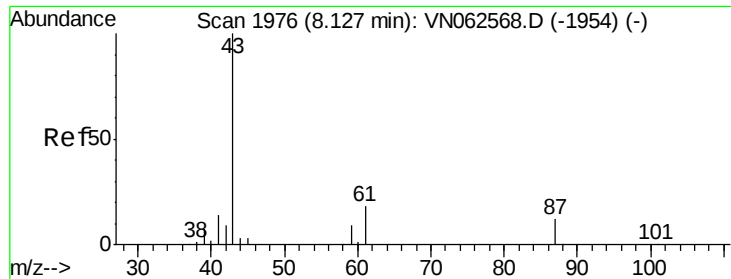
#35
 Dibromofluoromethane
 Concen: 51.576 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062615.D
 Acq: 27 Jul 2020 21:52

Tgt Ion:113 Resp: 82347
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.7 124.1
 192 18.6 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.117 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062615.D

Acq: 27 Jul 2020 21:52

Instrument :

MSVOA_N

ClientSampleId :

11986

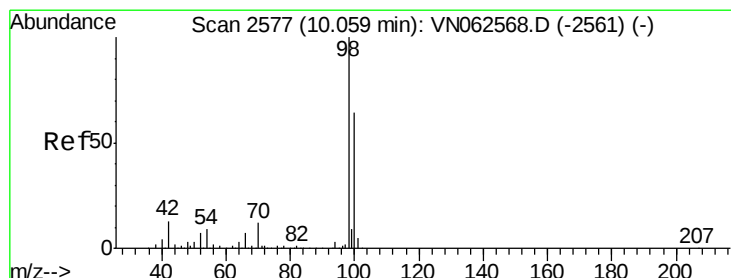
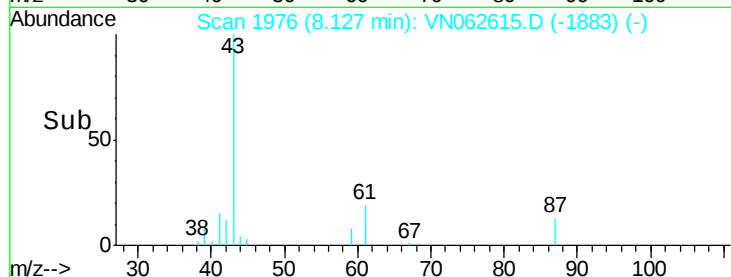
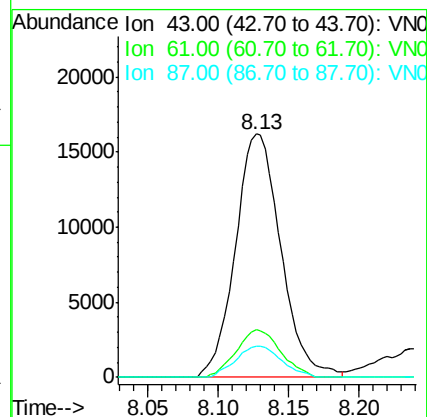
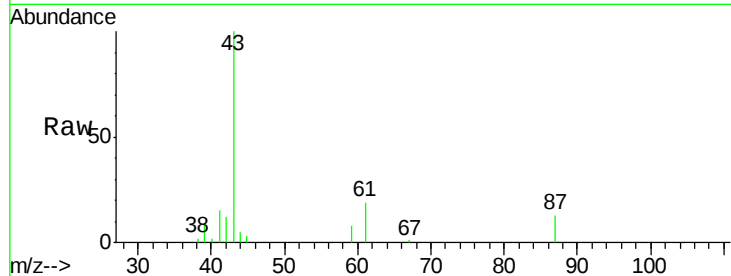
Tot Ion: 43 Resp: 36546

Ion Ratio Lower Upper

43 100

61 19.1 20.8 31.2#

87 12.9 9.2 13.8



#50

Toluene-d8

Concen: 49.915 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062615.D

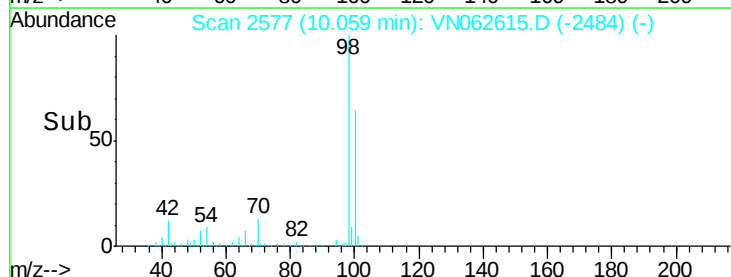
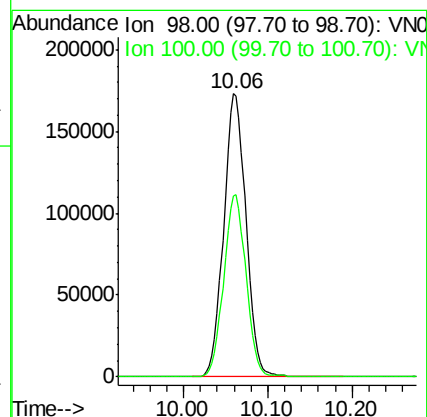
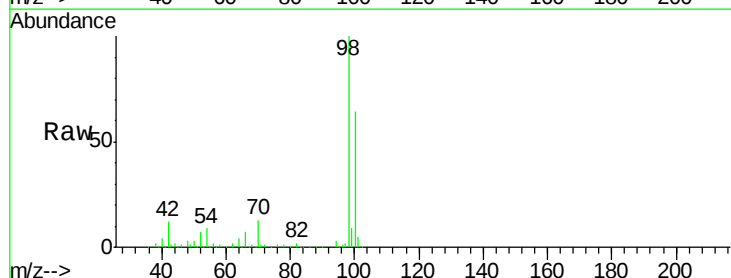
Acq: 27 Jul 2020 21:52

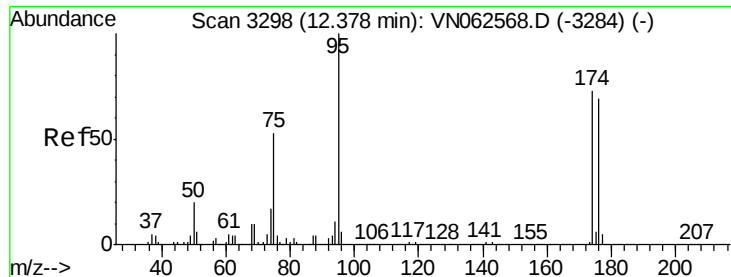
Tgt Ion: 98 Resp: 317980

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3

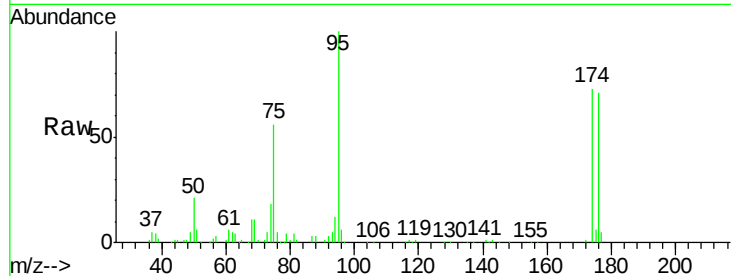




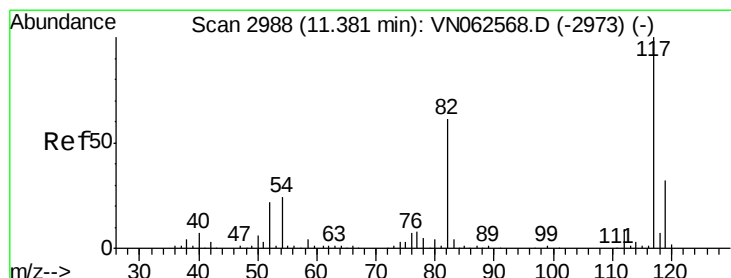
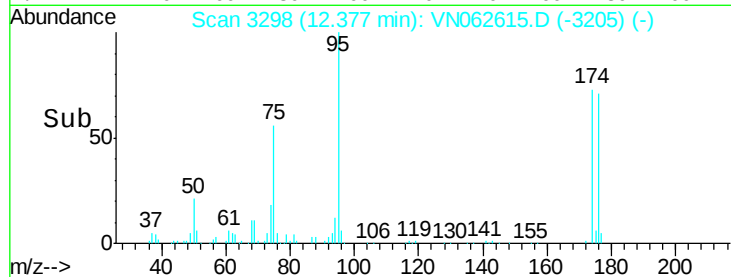
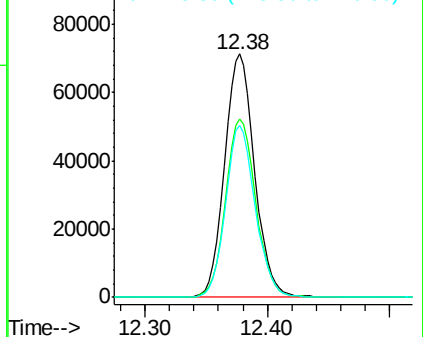
#62
4-Bromofluorobenzene
Concen: 52.668 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062615.D
Acq: 27 Jul 2020 21:52

Instrument :
MSVOA_N
ClientSampleId :
11986

Tot Ion: 95 Resp: 122680
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 70.1 0.0 139.4

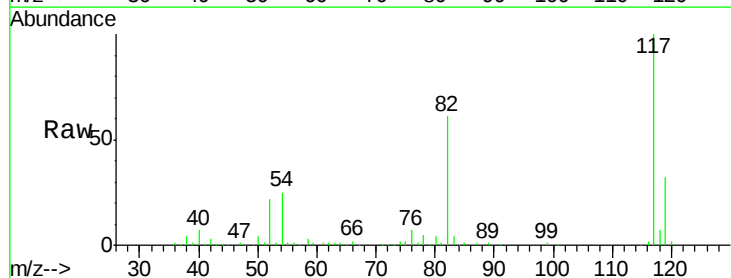


Abundance Ion 94.90 (94.60 to 95.60): VN062568.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN062568.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN062568.D (-3284) (-)

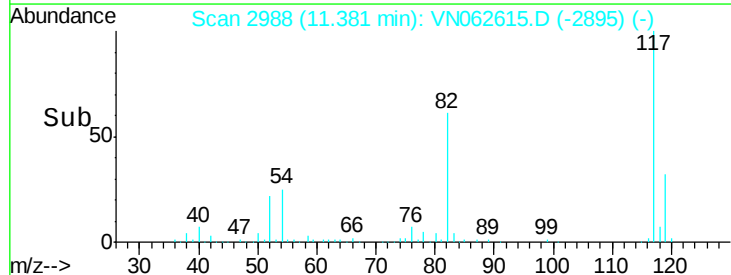
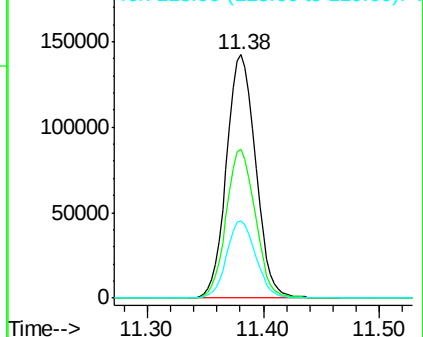


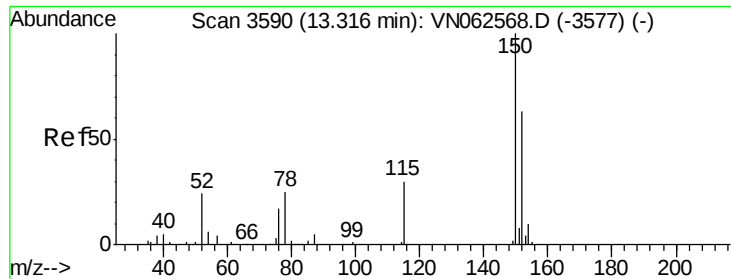
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062615.D
Acq: 27 Jul 2020 21:52

Tgt Ion: 117 Resp: 248594
Ion Ratio Lower Upper
117 100
82 61.1 49.0 73.6
119 31.8 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN062568.D (-2973) (-)
Ion 82.00 (81.70 to 82.70): VN062568.D (-2973) (-)
Ion 118.90 (118.60 to 119.60): VN062568.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062615.D

Acq: 27 Jul 2020 21:52

Instrument :

MSVOA_N

ClientSampleId :

11986

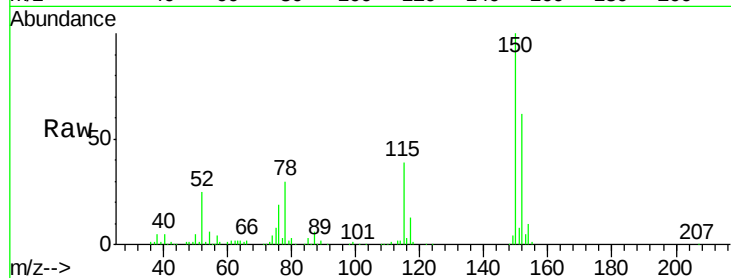
Tot Ion:152 Resp: 104342

Ion Ratio Lower Upper

152 100

115 62.4 31.8 95.4

150 158.6 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

