

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064663.D
 Acq On : 16 Nov 2020 16:24
 Operator : JC/MD
 Sample : L4772-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-111620

Quant Time: Nov 17 04:46:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

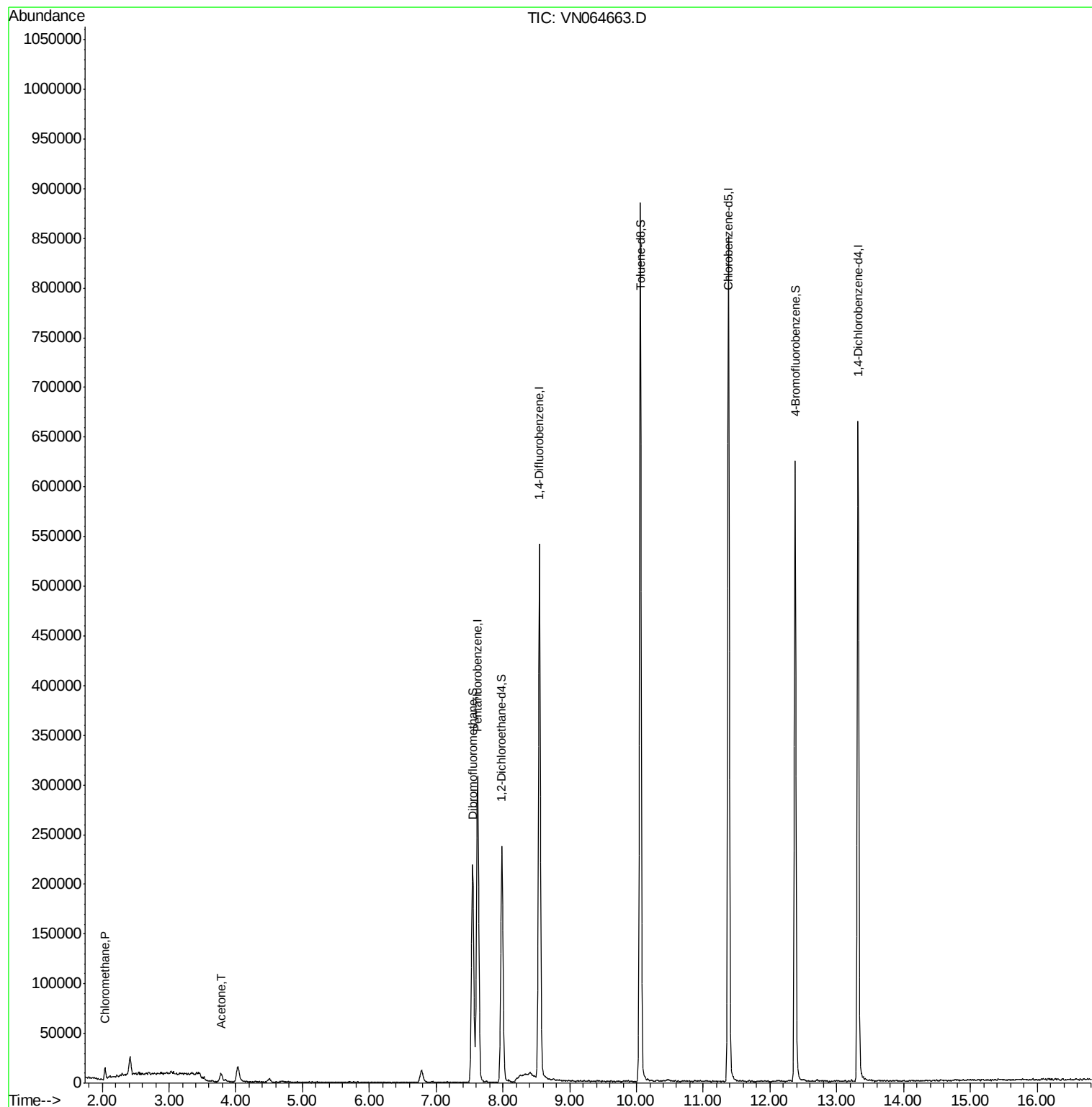
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	219091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	218251	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
35) Dibromofluoromethane	7.55	113	159641	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	10.06	98	573967	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.37	95	214432	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
Target Compounds						
3) Chloromethane	2.04	50	8140	2.350	ug/l	92
16) Acetone	3.78	43	13496	9.284	ug/l	97

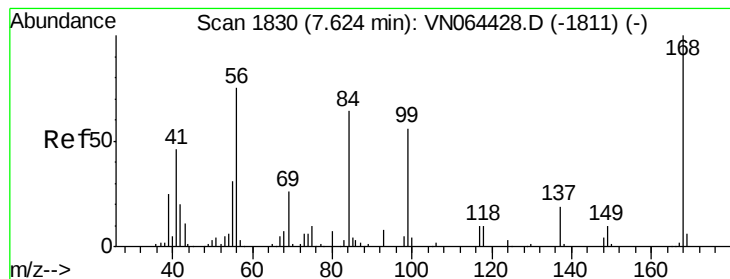
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064663.D

Acq: 16 Nov 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

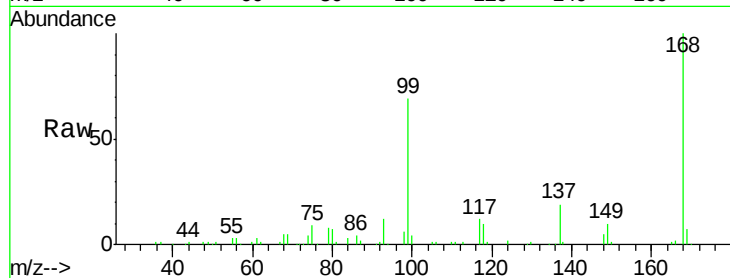
TB-111620

Tot Ion:168 Resp: 219091

Ion Ratio Lower Upper

168 100

99 68.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

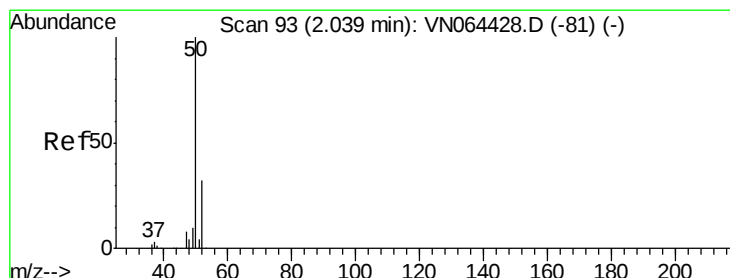
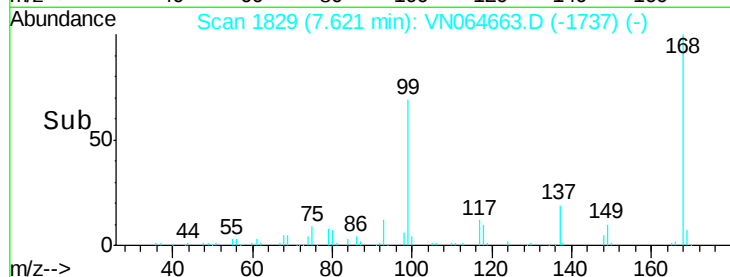
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 2.350 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064663.D

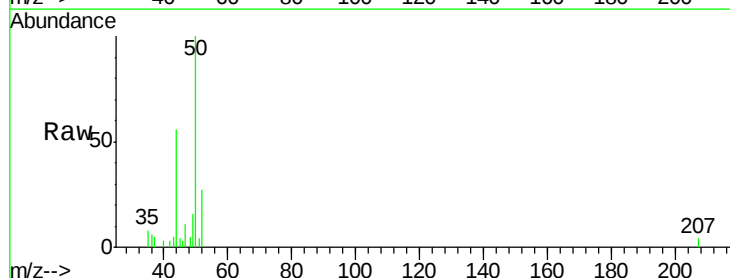
Acq: 16 Nov 2020 16:24

Tgt Ion: 50 Resp: 8140

Ion Ratio Lower Upper

50 100

52 27.3 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

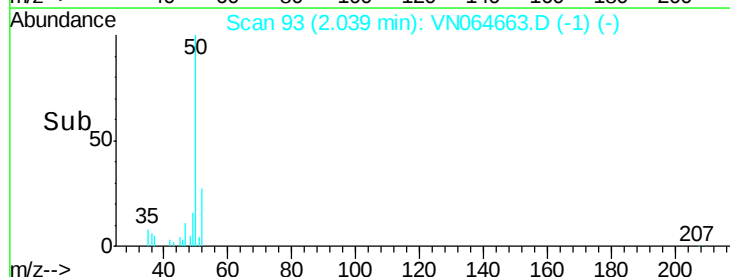
6000

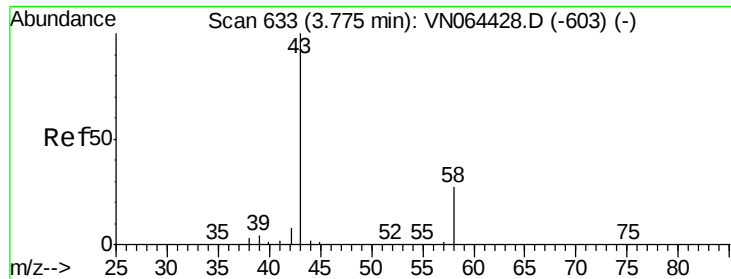
4000

2000

0

Time--> 2.00 2.05

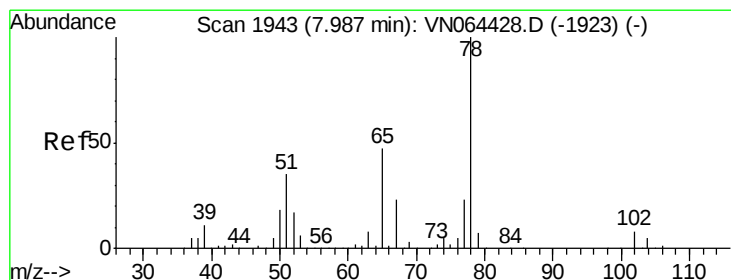
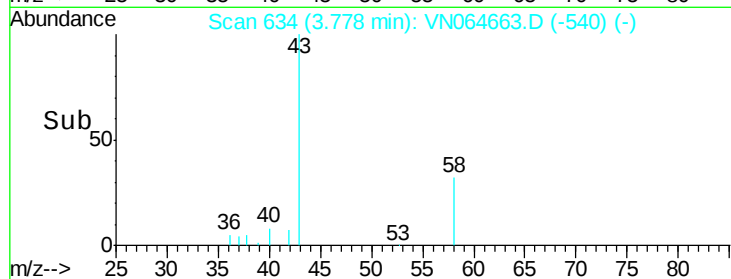
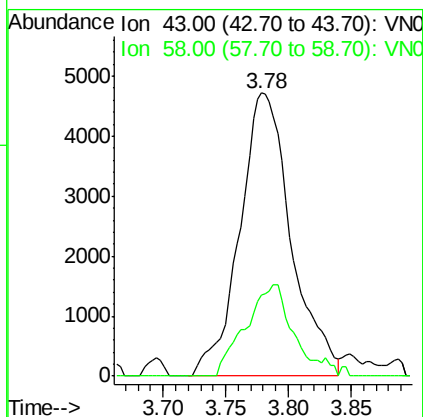
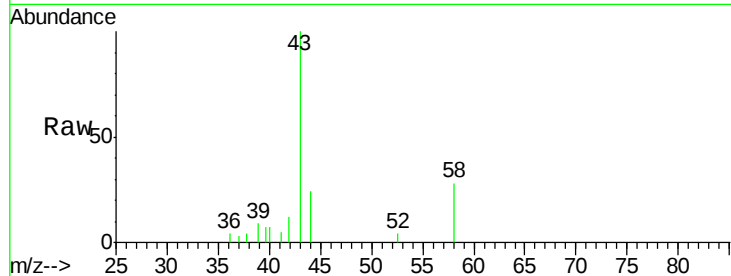




#16
Acetone
Concen: 9.284 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064663.D
Acq: 16 Nov 2020 16:24

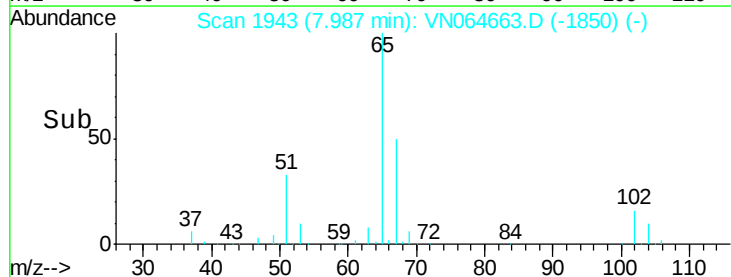
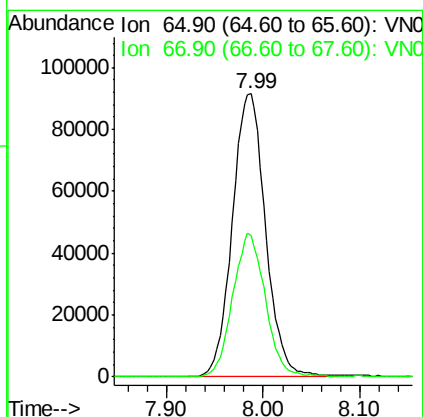
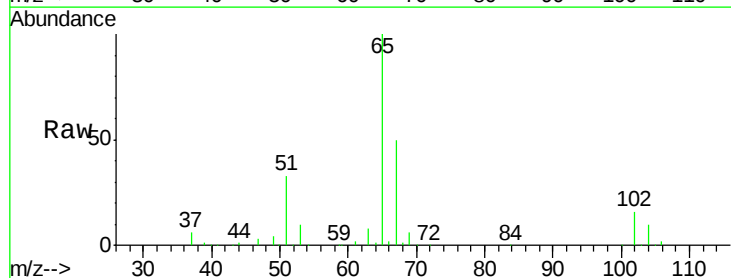
Instrument :
MSVOA_N
ClientSampled :
TB-111620

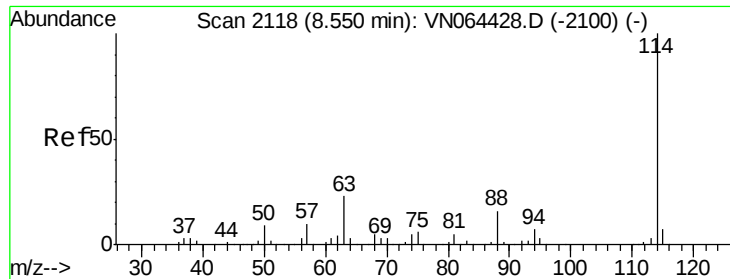
Tot Ion: 43 Resp: 13496
Ion Ratio Lower Upper
43 100
58 28.5 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 57.190 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064663.D
Acq: 16 Nov 2020 16:24

Tgt Ion: 65 Resp: 218251
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064663.D

Acq: 16 Nov 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

TB-111620

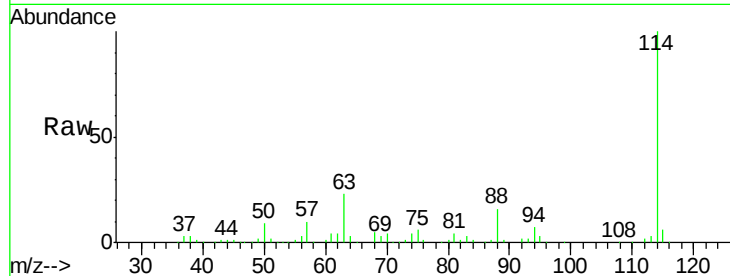
Tot Ion:114 Resp: 444761

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

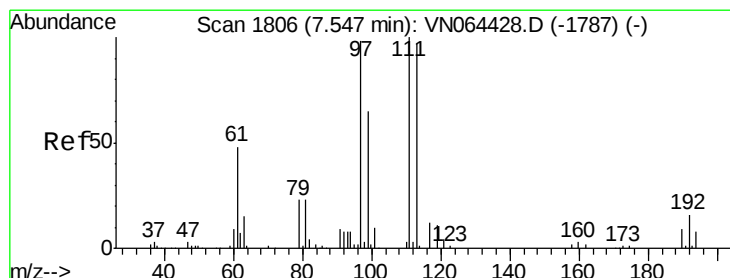
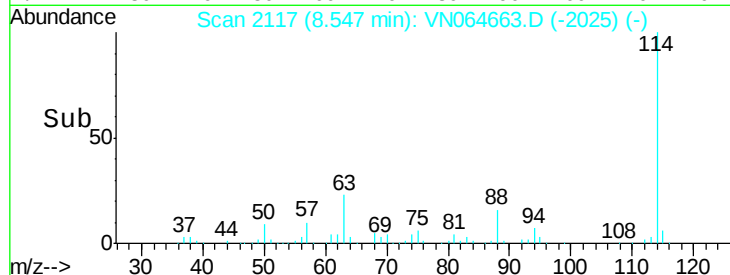
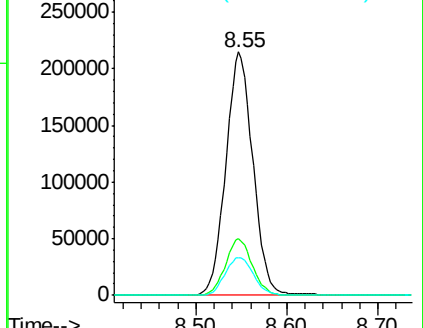
88 15.6 0.0 32.8



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: 52.718 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064663.D

Acq: 16 Nov 2020 16:24

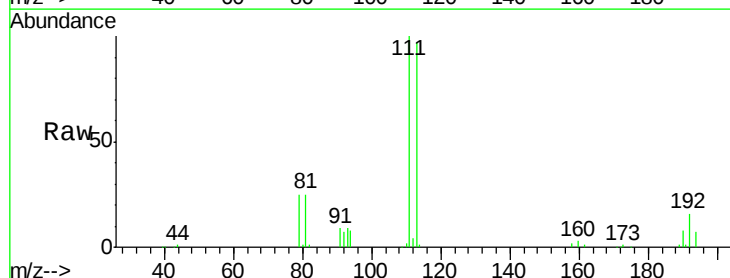
Tgt Ion:113 Resp: 159641

Ion Ratio Lower Upper

113 100

111 105.0 81.1 121.7

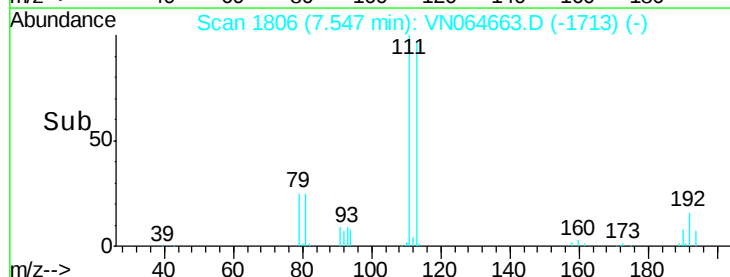
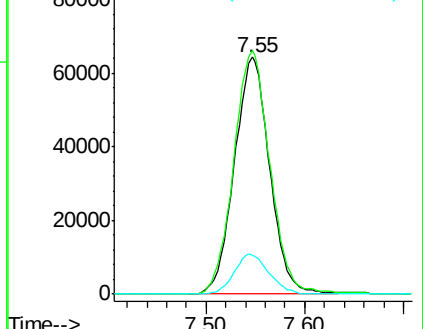
192 16.5 12.8 19.2

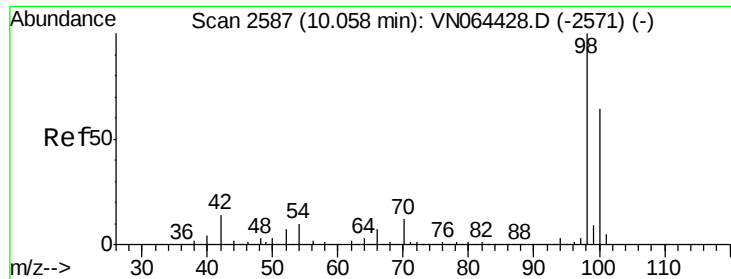


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.040 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064663.D

Acq: 16 Nov 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

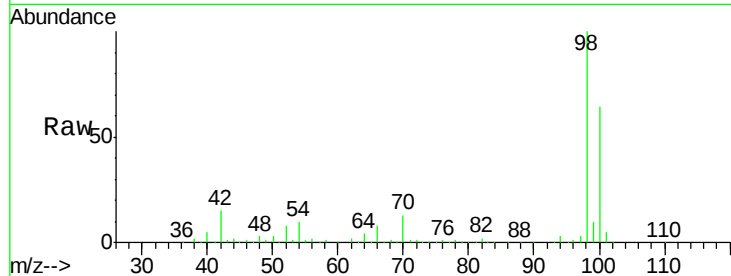
TB-111620

Tot Ion: 98 Resp: 573967

Ion Ratio Lower Upper

98 100

100 62.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

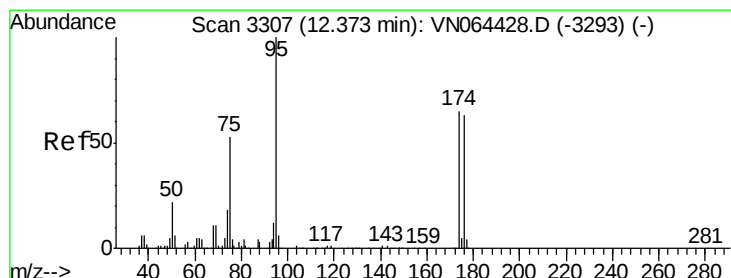
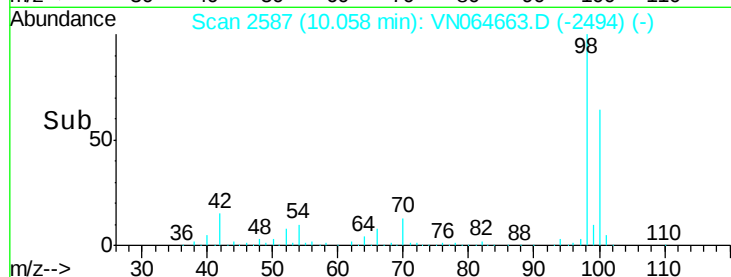
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.445 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064663.D

Acq: 16 Nov 2020 16:24

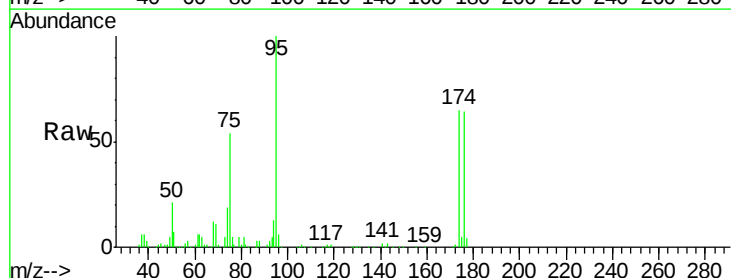
Tgt Ion: 95 Resp: 214432

Ion Ratio Lower Upper

95 100

174 70.0 0.0 132.6

176 66.5 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.37

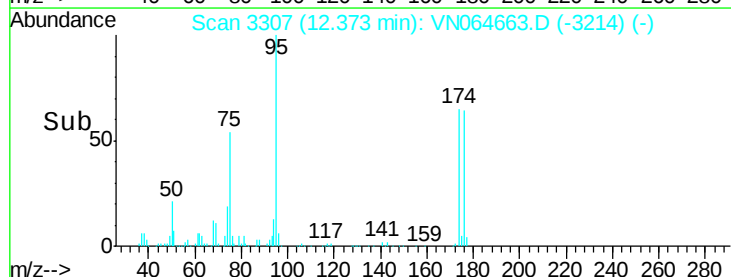
150000

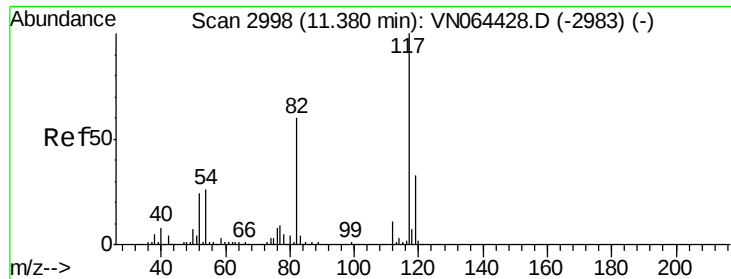
100000

50000

0

Time-->

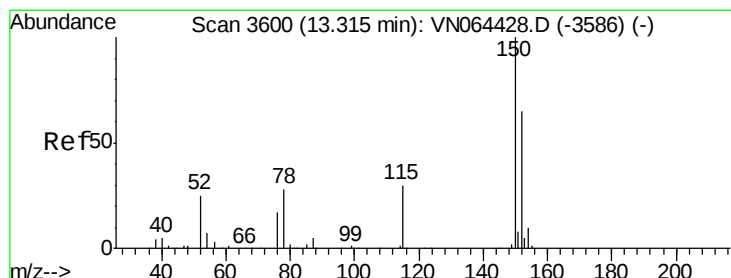
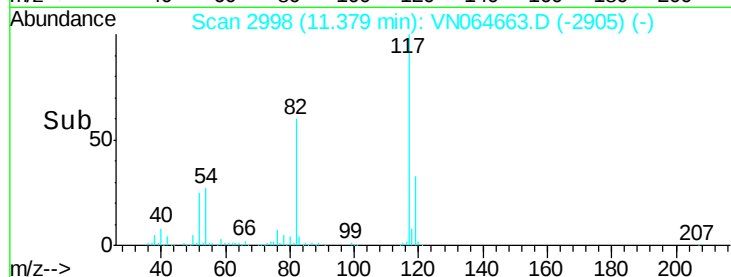
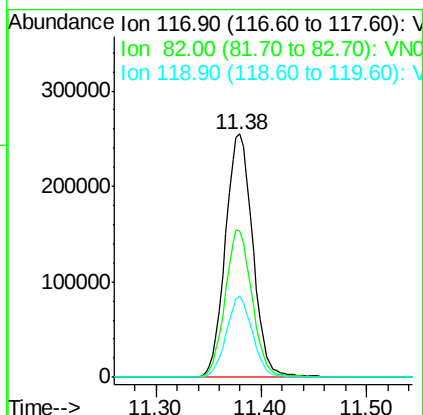
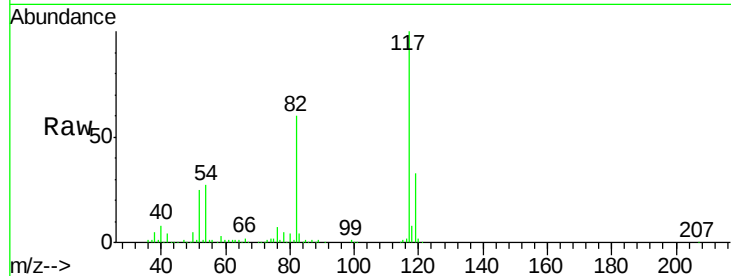




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064663.D
Acq: 16 Nov 2020 16:24

Instrument :
MSVOA_N
ClientSampleId :
TB-111620

Tot Ion:117 Resp: 458876
Ion Ratio Lower Upper
117 100
82 60.1 48.1 72.1
119 33.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064663.D
Acq: 16 Nov 2020 16:24

Tgt Ion:152 Resp: 164998
Ion Ratio Lower Upper
152 100
115 65.5 32.0 96.0
150 159.4 0.0 353.8

