

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102219\
 Data File : VN058902.D
 Acq On : 22 Oct 2019 12:00
 Operator : JC/SP
 Sample : VN1022WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD01

Quant Time: Oct 23 04:54:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:07:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	1632620	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	2265298	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2027562	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	631073	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1058746	5.43	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	108.60%
5) Dibromofluoromethane	7.57	113	822838	5.77	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	115.40%
6) Toluene-d8	10.08	98	1714482	5.32	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	106.40%
7) 4-Bromofluorobenzene	12.40	95	683191	4.32	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	86.40%

Target Compounds

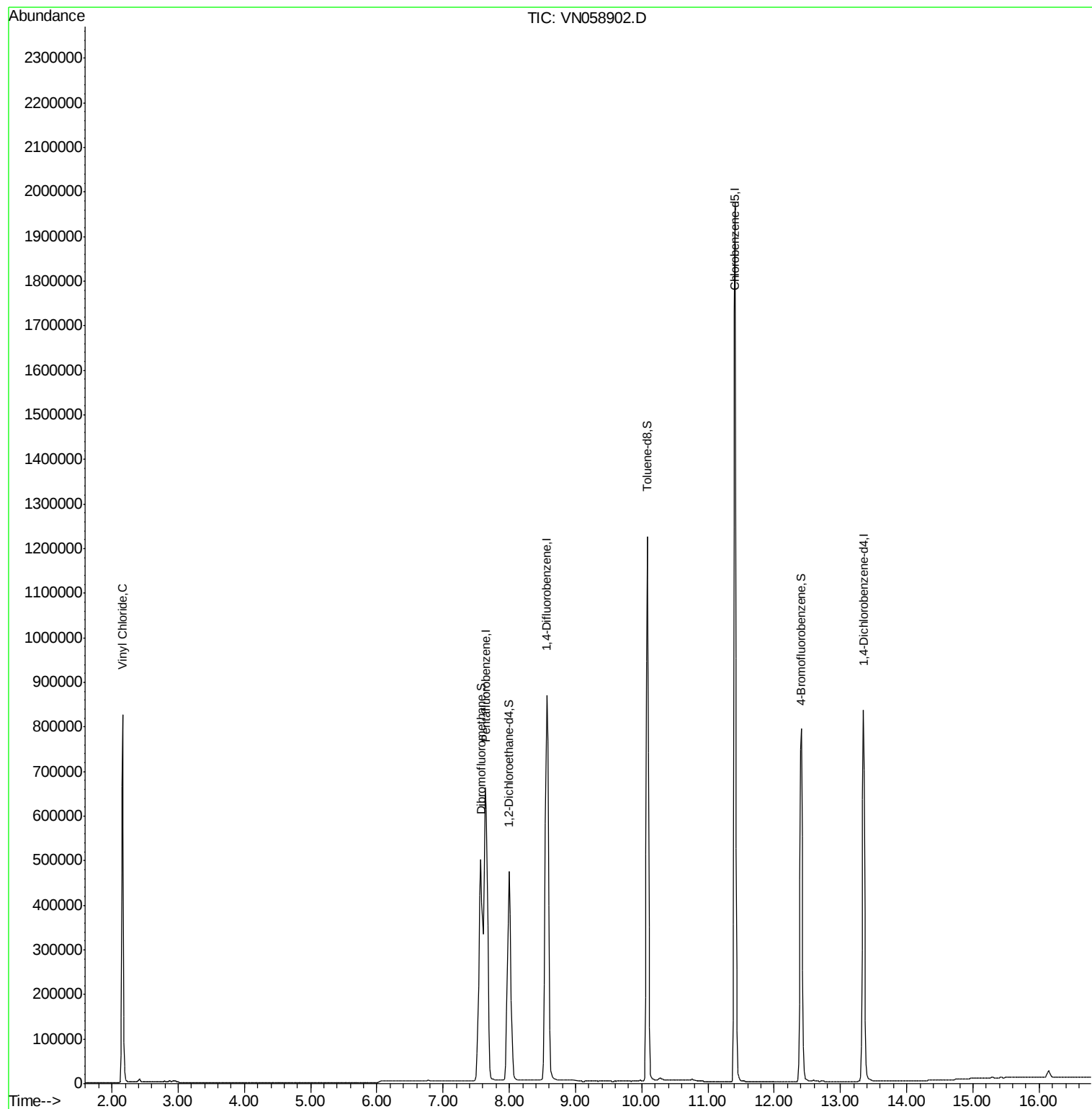
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	984962	5.937	ug/l	99

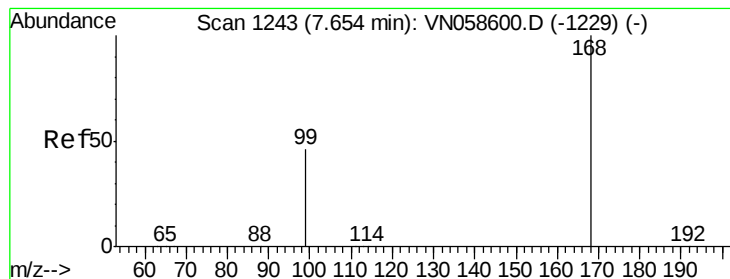
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 04:07:23 2019
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VN058902.D

Acq: 22 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

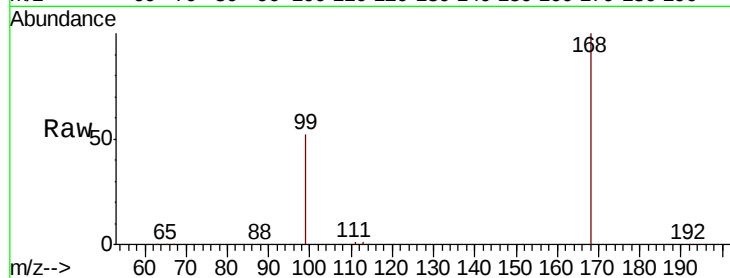
VN1022WBSD01

Tot Ion:168 Resp: 1632620

Ion Ratio Lower Upper

168 100

99 52.1 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.64

400000

300000

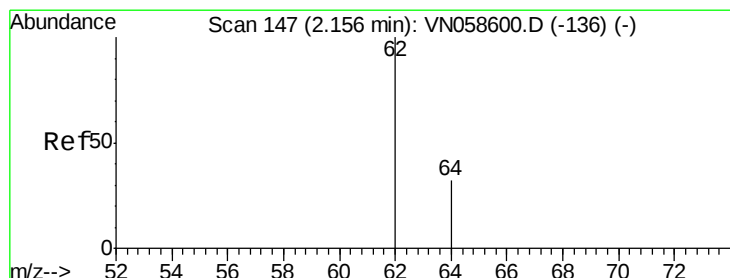
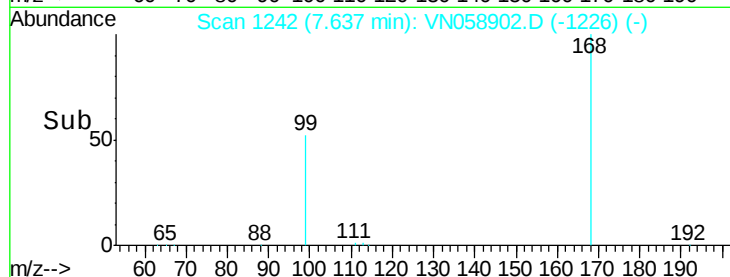
200000

100000

0

Time-->

7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.937 ug/l

RT: 2.16 min Scan# 148

Delta R.T. 0.00 min

Lab File: VN058902.D

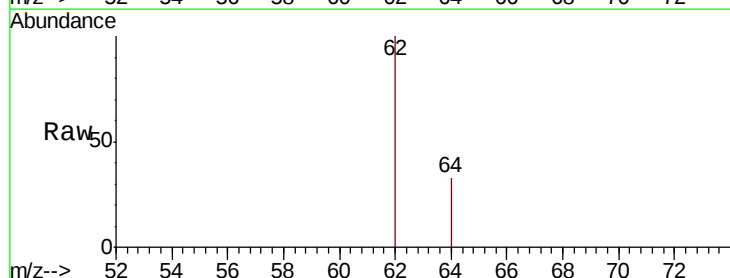
Acq: 22 Oct 2019 12:00

Tgt Ion: 62 Resp: 984962

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN

2.16

600000

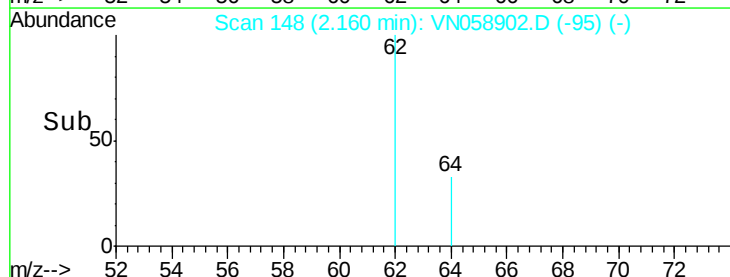
400000

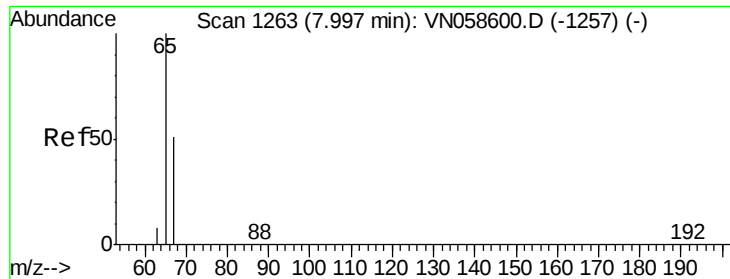
200000

0

Time-->

2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 5.428 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058902.D

Acq: 22 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

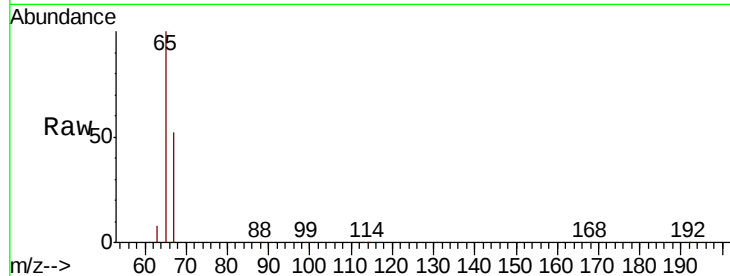
VN1022WBSD01

Tot Ion: 65 Resp: 1058746

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058902.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN058902.D (-1246) (-)

8.00

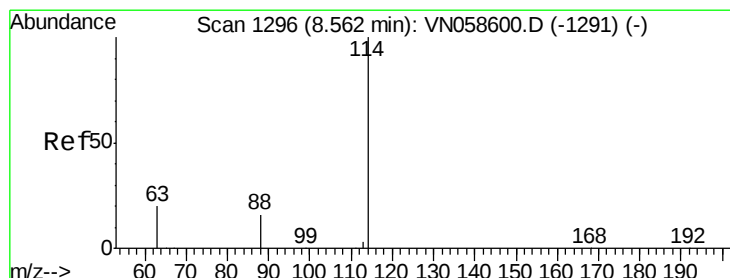
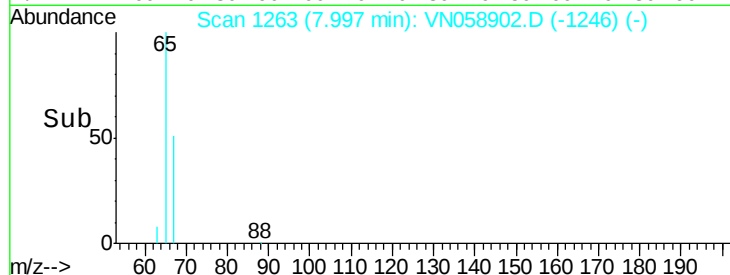
300000

200000

100000

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058902.D

Acq: 22 Oct 2019 12:00

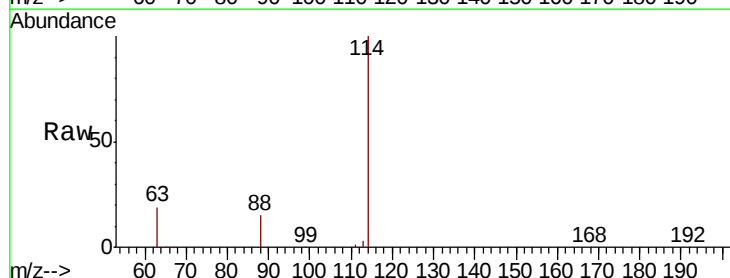
Tgt Ion: 114 Resp: 2265298

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

88 15.1 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058902.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058902.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058902.D (-1267) (-)

8.56

800000

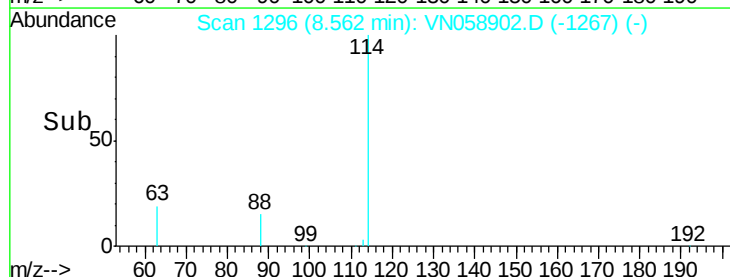
600000

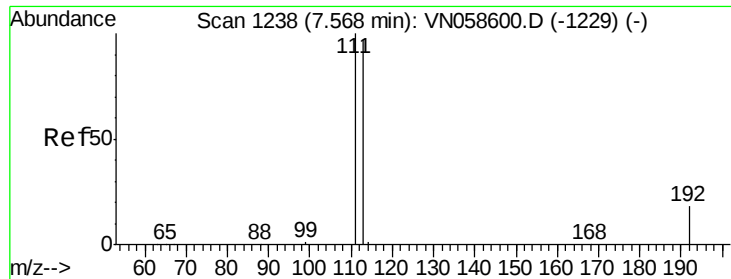
400000

200000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.766 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058902.D

Acq: 22 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD01

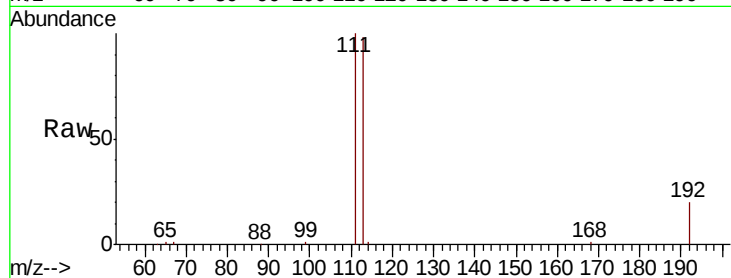
Tot Ion: 113 Resp: 822838

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

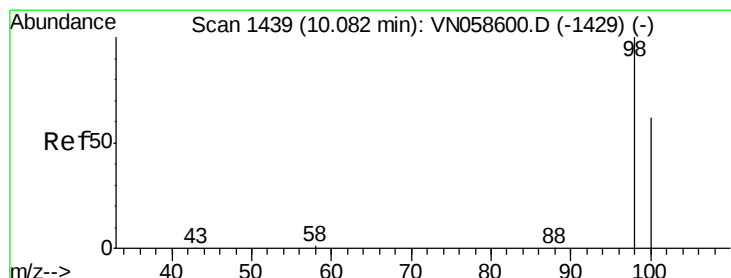
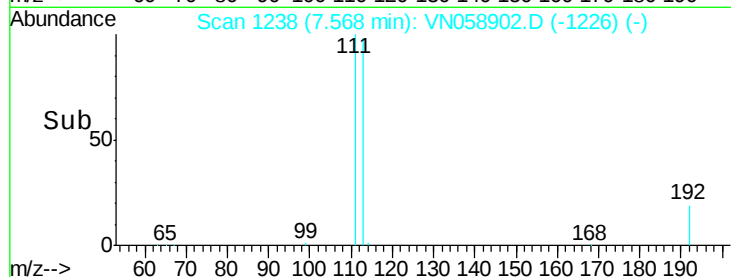
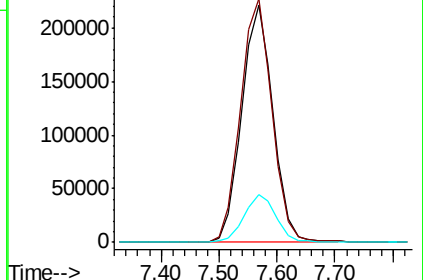
192 20.2 14.9 22.3



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#6

Toluene-d8

Concen: 5.317 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058902.D

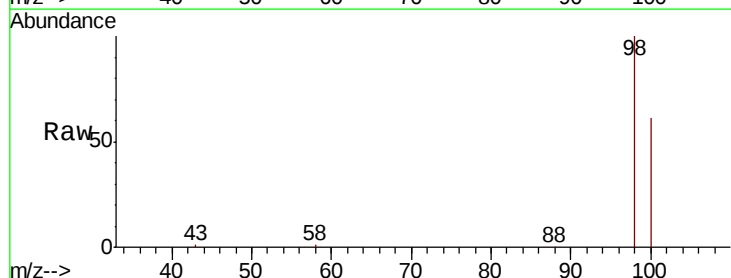
Acq: 22 Oct 2019 12:00

Tgt Ion: 98 Resp: 1714482

Ion Ratio Lower Upper

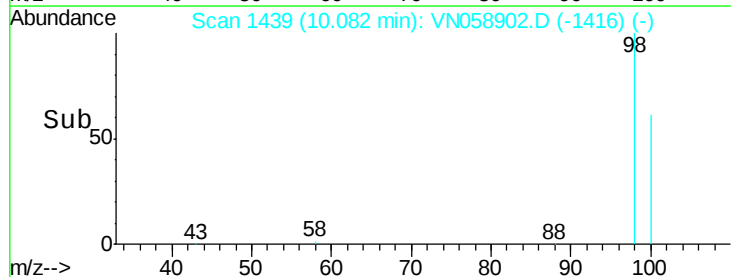
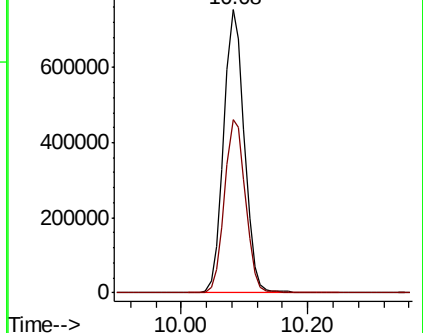
98 100

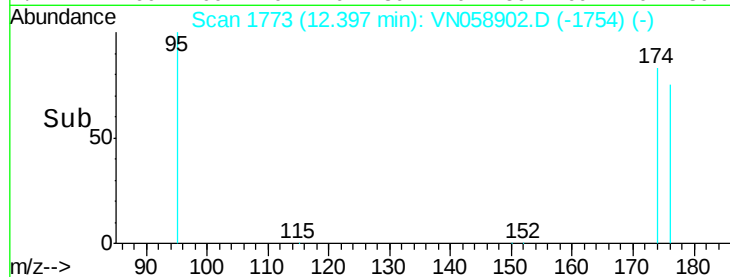
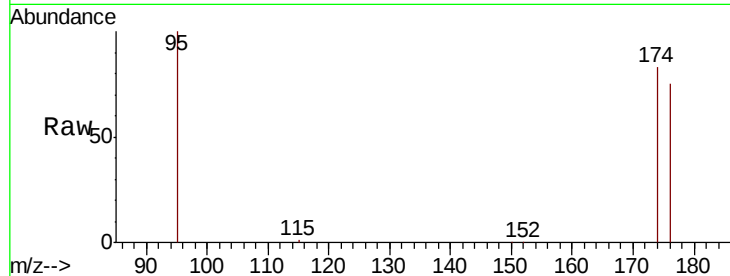
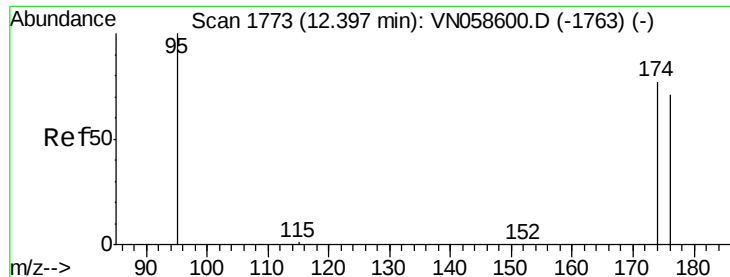
100 61.2 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.324 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058902.D

Acq: 22 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD01

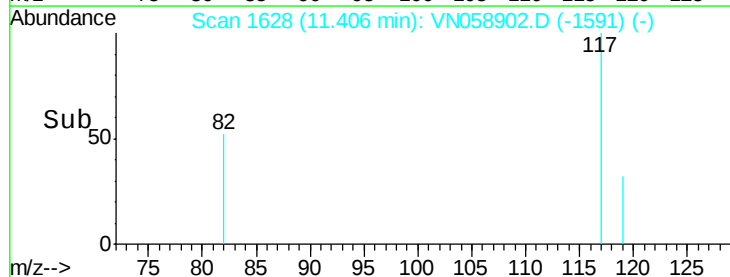
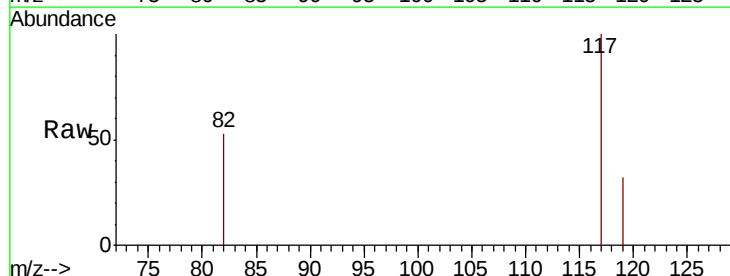
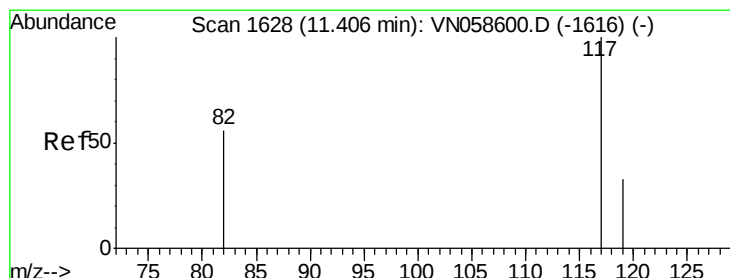
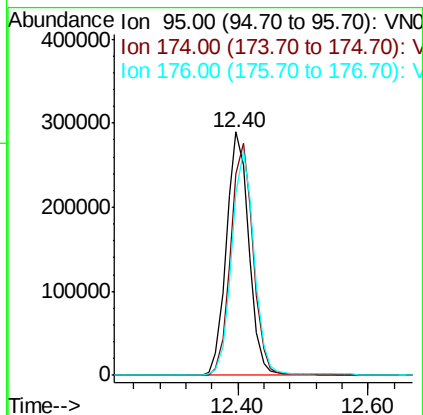
Tot Ion: 95 Resp: 683191

Ion Ratio Lower Upper

95 100

174 82.7 0.0 153.4

176 74.8 0.0 142.2



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058902.D

Acq: 22 Oct 2019 12:00

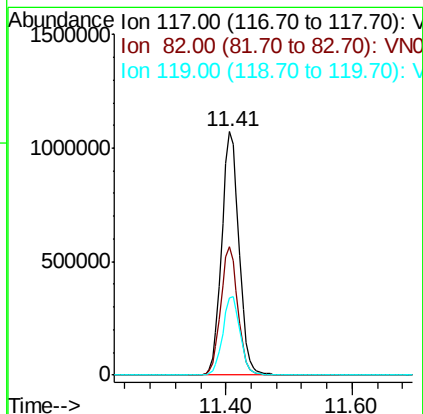
Tgt Ion: 117 Resp: 2027562

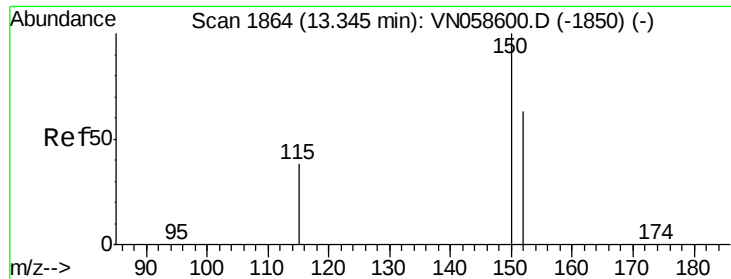
Ion Ratio Lower Upper

117 100

82 52.5 44.7 67.1

119 31.7 27.0 40.4





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN058902.D
 Acq: 22 Oct 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD01

Tot Ion:152 Resp: 631073
 Ion Ratio Lower Upper
 152 100
 115 56.1 29.9 89.8
 150 159.7 0.0 315.8

