

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056551.D
 Acq On : 28 Jun 2019 13:41
 Operator : JC/SP
 Sample : K3519-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062719SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 03:22:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	46831	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	80614	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	47768	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	6831	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	29985	5.23	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	104.60%
5) Dibromofluoromethane	7.59	113	22808	5.13	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	102.60%
6) Toluene-d8	10.09	98	49755	4.95	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	99.00%
7) 4-Bromofluorobenzene	12.40	95	11922	4.63	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	92.60%

Target Compounds

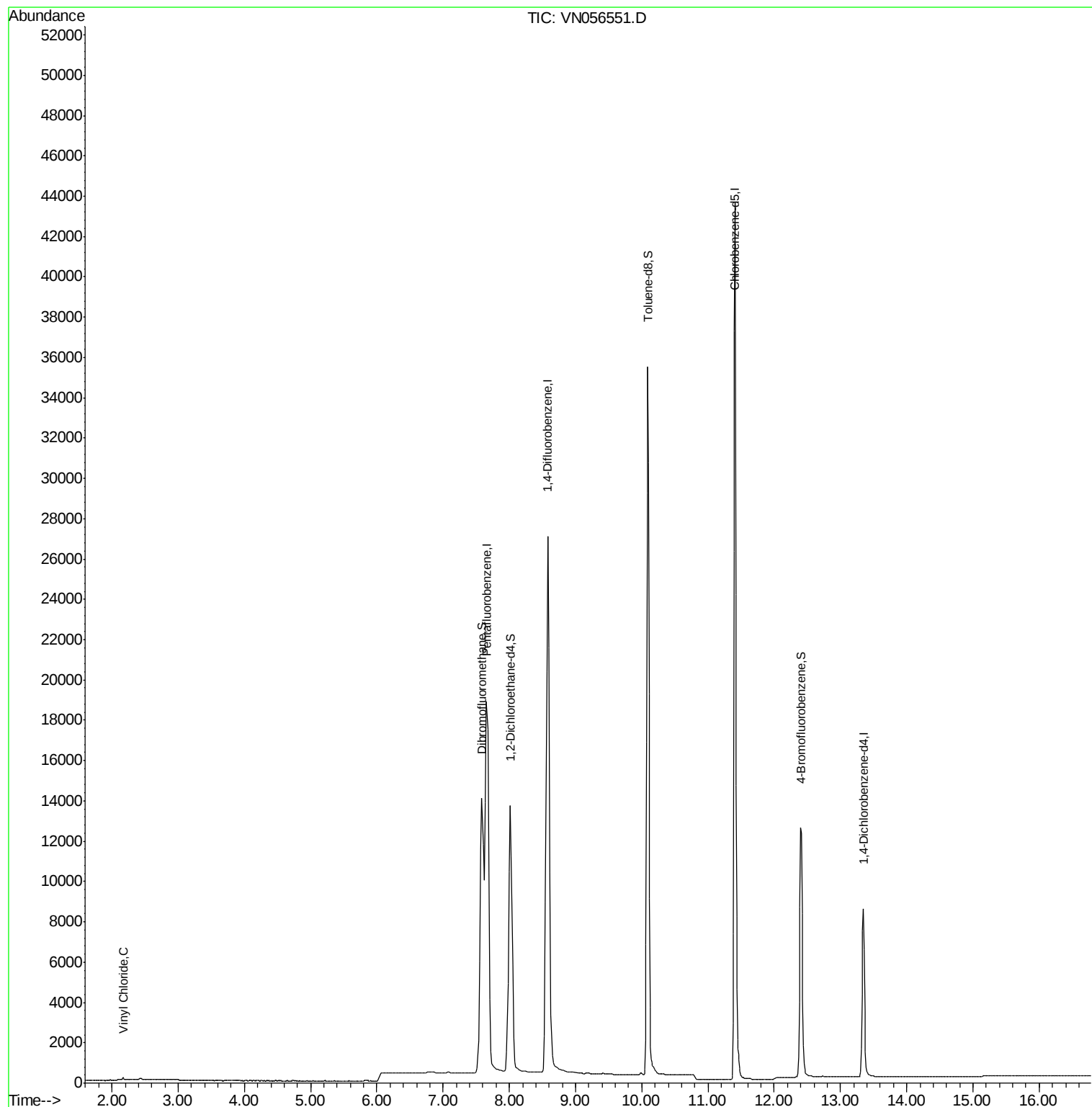
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	120	0.026	ug/l #	20

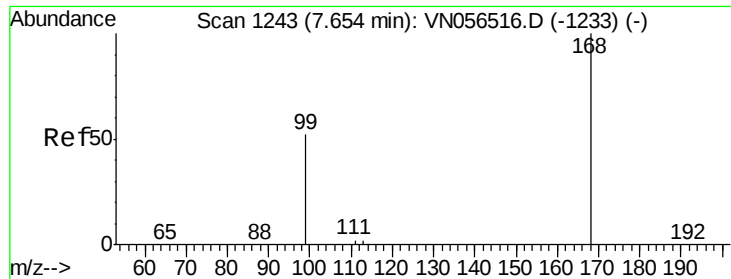
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 03:22:32 2019
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN056551.D

Acq: 28 Jun 2019 13:41

Instrument :

MSVOA_N

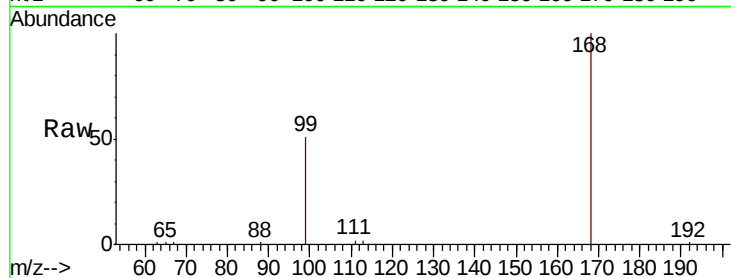
ClientSampleId :

Tot Ion:168 Resp: 46831

Ion Ratio Lower Upper

168 100

99 51.4 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): VN056551.D (-1233) (-)

Ion 99.00 (98.70 to 99.70): VN056551.D (-1233) (-)

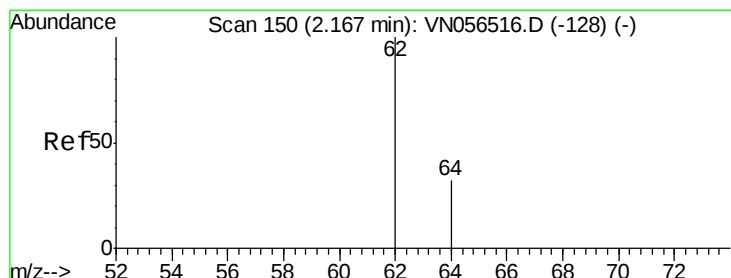
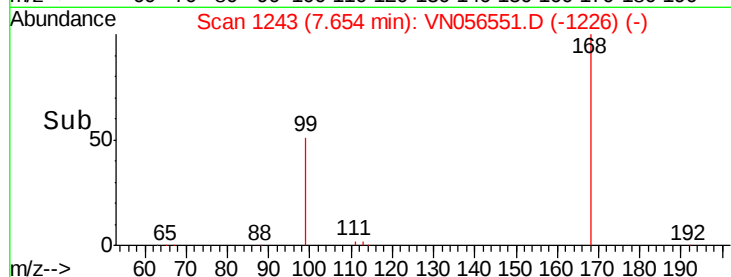
7.65

10000

5000

0

Time-->



#2

Vinyl Chloride

Concen: 0.026 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056551.D

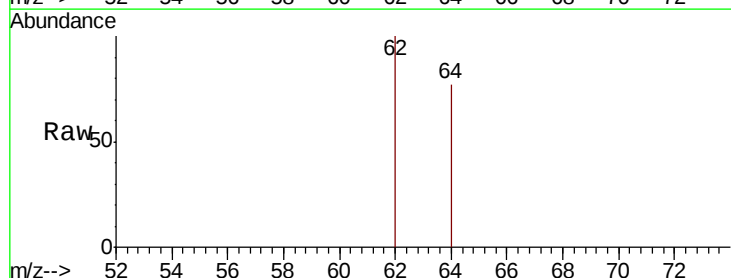
Acq: 28 Jun 2019 13:41

Tgt Ion: 62 Resp: 120

Ion Ratio Lower Upper

62 100

64 77.3 26.1 39.1#



Abundance Ion 62.00 (61.70 to 62.70): VN056551.D (-128) (-)

Ion 64.00 (63.70 to 64.70): VN056551.D (-128) (-)

2.17

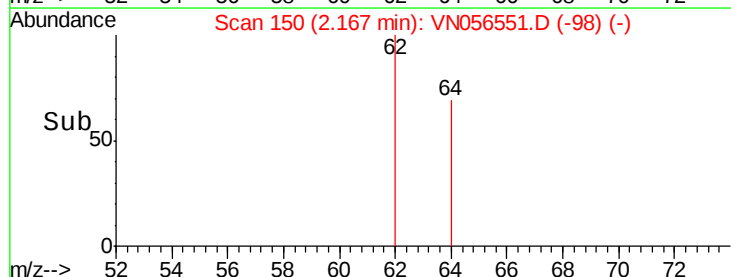
150

100

50

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.227 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056551.D

Acq: 28 Jun 2019 13:41

Instrument :

MSVOA_N

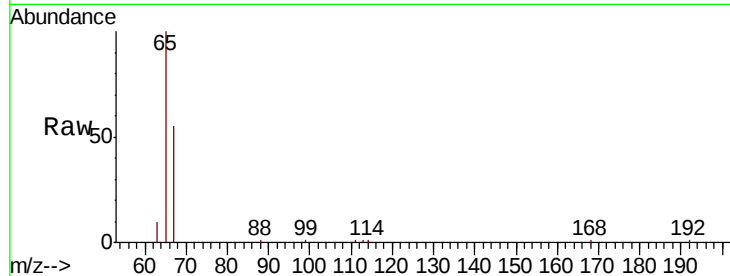
ClientSampleId :

Tot Ion: 65 Resp: 29985

Ion Ratio Lower Upper

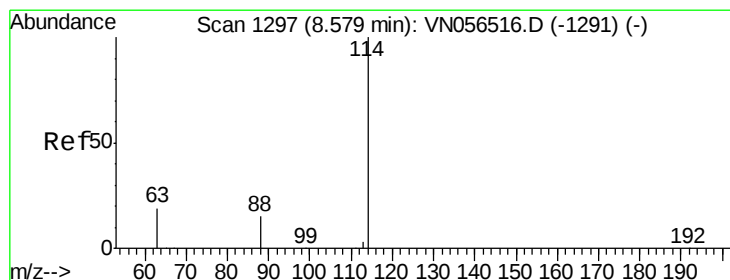
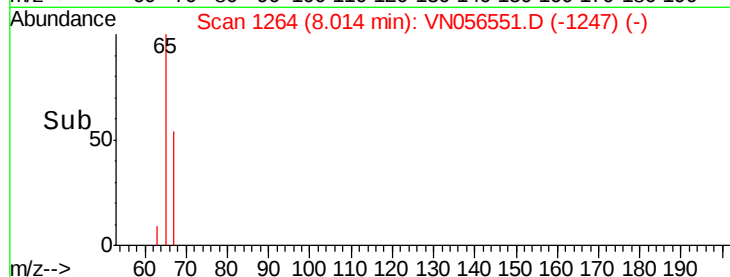
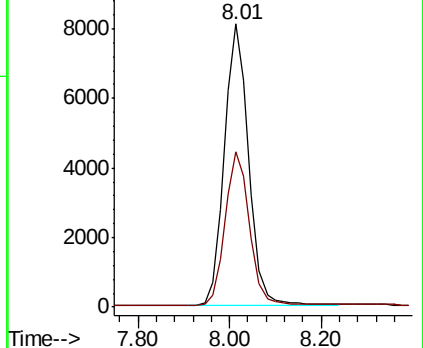
65 100

67 54.8 0.0 108.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056551.D

Acq: 28 Jun 2019 13:41

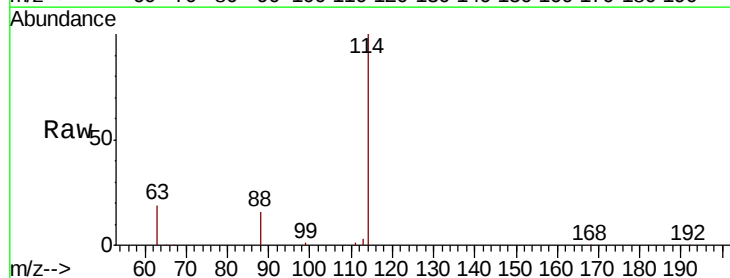
Tgt Ion: 114 Resp: 80614

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

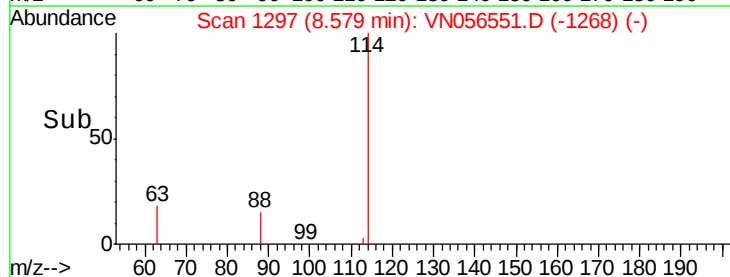
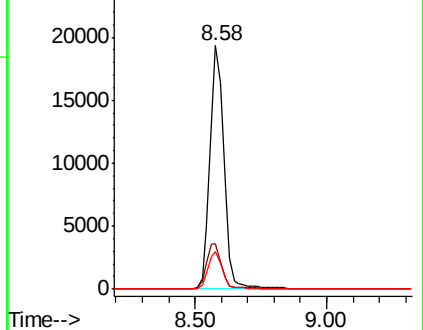
88 15.6 0.0 31.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

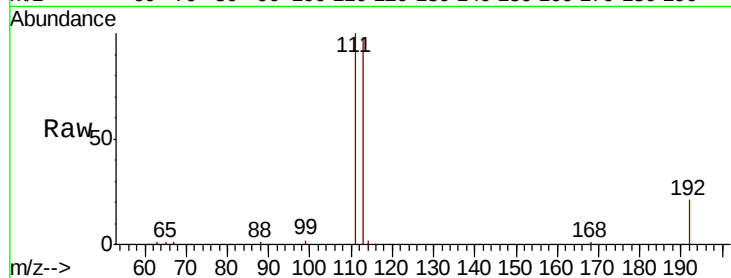




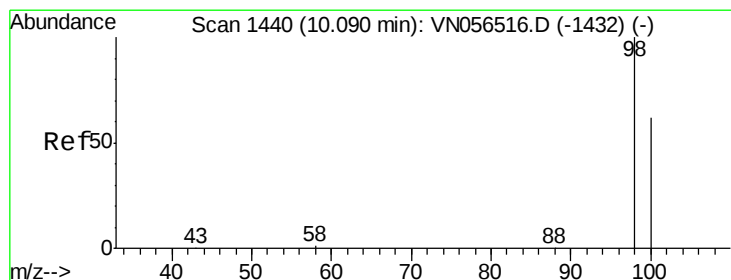
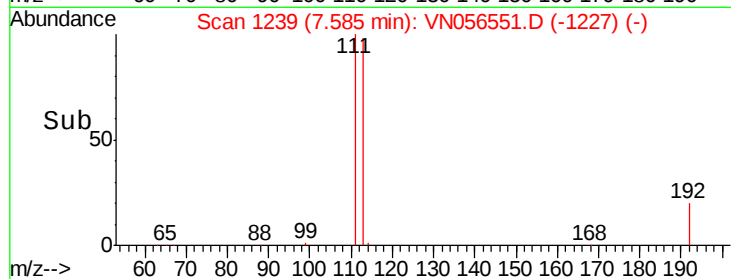
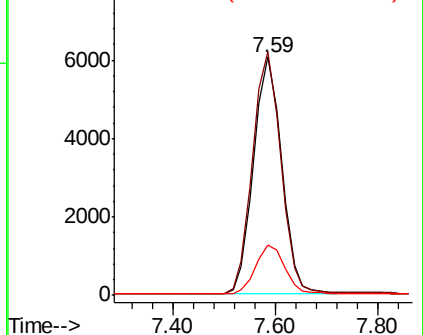
#5
Dibromofluoromethane
Concen: 5.132 ug/l
RT: 7.59 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VN056551.D
Acq: 28 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 22808
Ion Ratio Lower Upper
113 100
111 102.2 81.7 122.5
192 21.3 16.9 25.3

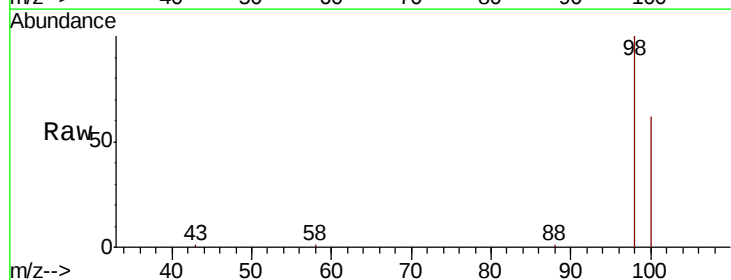


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

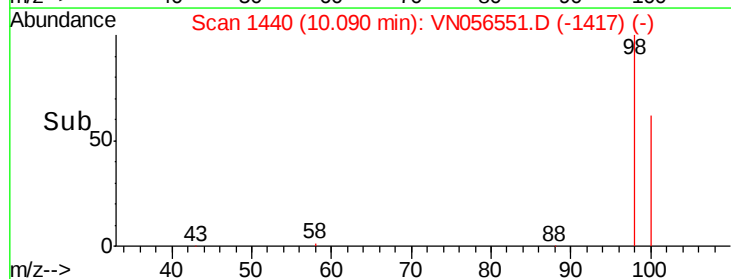
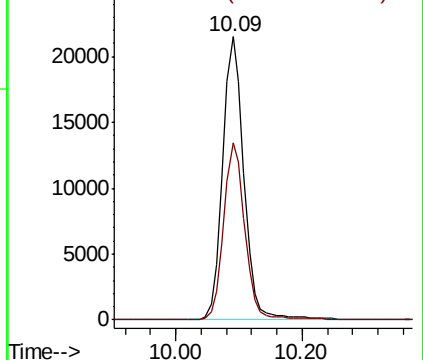


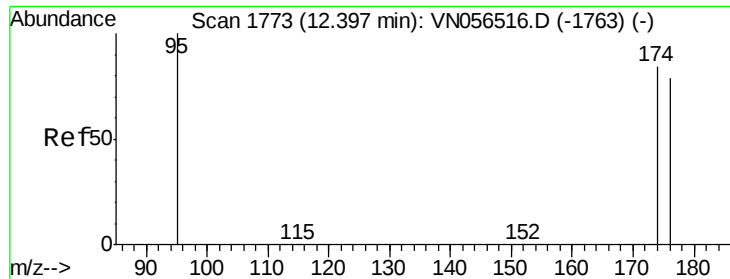
#6
Toluene-d8
Concen: 4.948 ug/l
RT: 10.09 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VN056551.D
Acq: 28 Jun 2019 13:41

Tgt Ion: 98 Resp: 49755
Ion Ratio Lower Upper
98 100
100 62.4 49.7 74.5



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.635 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056551.D

Acq: 28 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

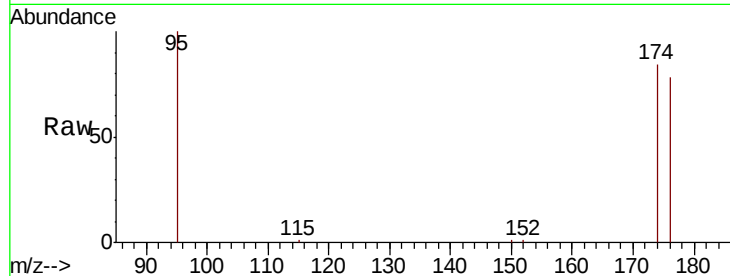
Tot Ion: 95 Resp: 11922

Ion Ratio Lower Upper

95 100

174 84.3 0.0 167.8

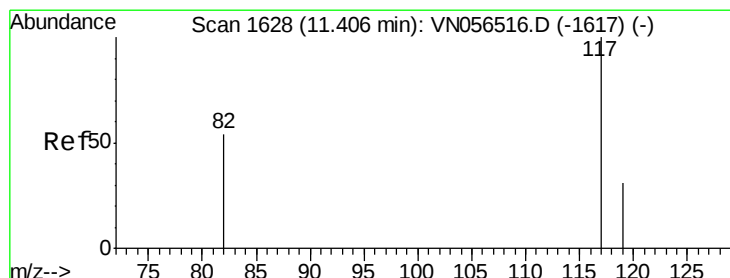
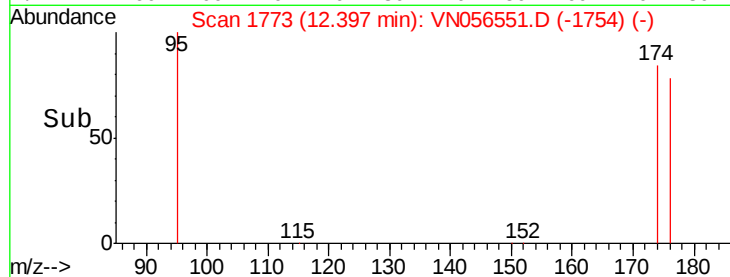
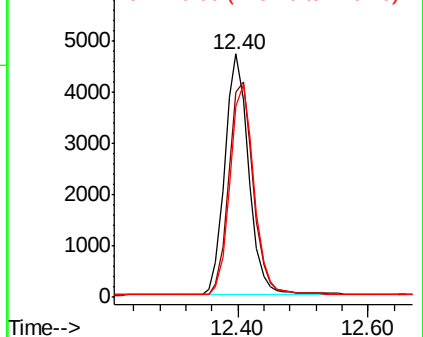
176 78.3 0.0 158.0



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056551.D

Acq: 28 Jun 2019 13:41

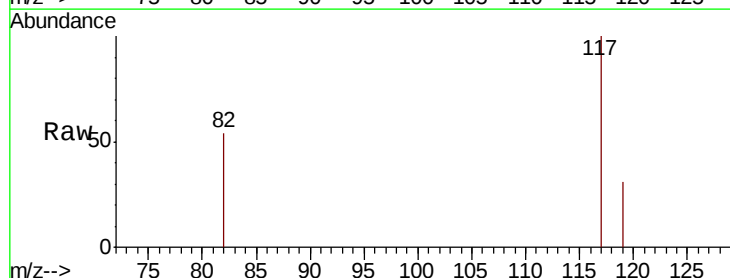
Tgt Ion: 117 Resp: 47768

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

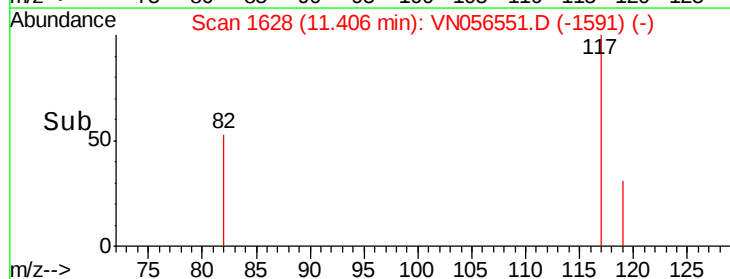
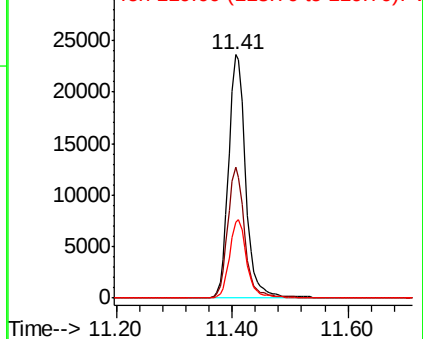
119 31.3 24.7 37.1



Abundance Ion 117.00 (116.70 to 117.70): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): VN0





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056551.D

Acq: 28 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 6831

Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	80.8
150	153.5	0.0	306.6

