

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062719\
 Data File : VN056537.D
 Acq On : 28 Jun 2019 2:41
 Operator : JC/SP
 Sample : K3519-07MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-19-LF2MW2MSD

Quant Time: Jun 28 03:31:40 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	49235	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	88462	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	53500	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	8351	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	31343	5.20	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	104.00%
5) Dibromofluoromethane	7.59	113	23485	4.82	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	96.40%
6) Toluene-d8	10.09	98	52299	4.74	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	94.80%
7) 4-Bromofluorobenzene	12.39	95	13463	4.77	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.40%

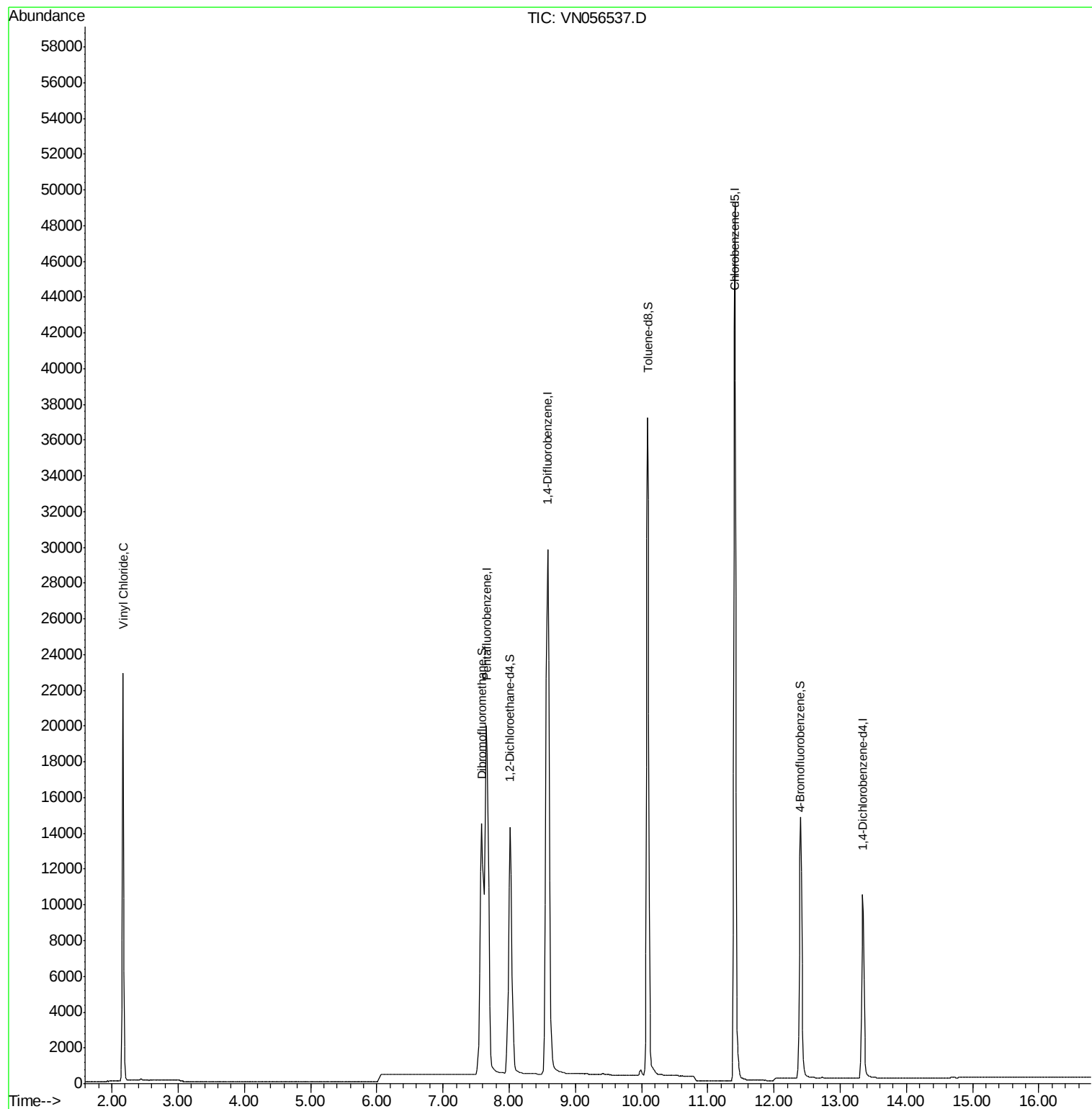
Target Compounds					Qvalue
2) Vinyl Chloride	2.17	62	26398	5.363 ug/l	99

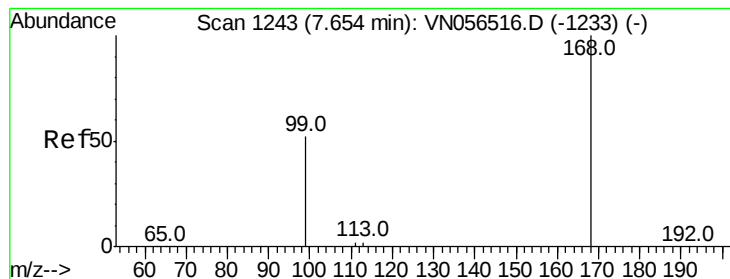
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056537.D

Acq: 28 Jun 2019 2:41

Instrument :

MSVOA_N

ClientSampleId :

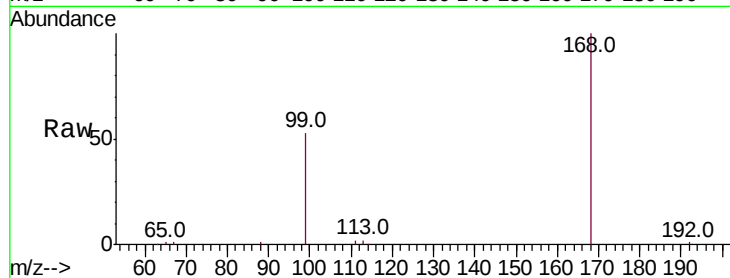
SP-19-LF2MW2MSD

Tot Ion:168 Resp: 49235

Ion Ratio Lower Upper

168 100

99 52.5 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): VN056537.D (-1225) (-)

Ion 99.00 (98.70 to 99.70): VN056537.D (-1225) (-)

7.65

15000

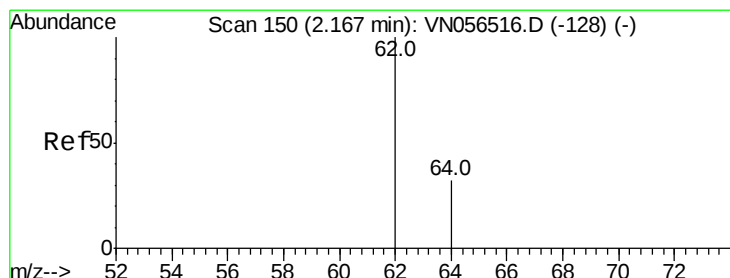
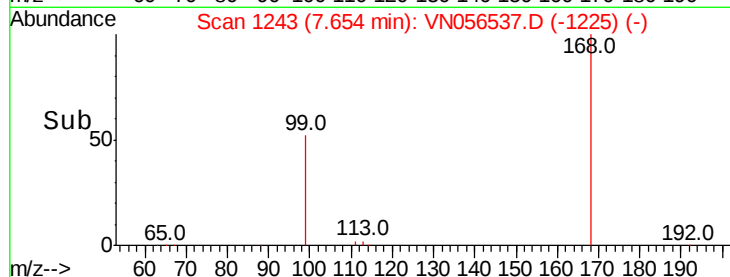
10000

5000

0

Time-->

7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.363 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056537.D

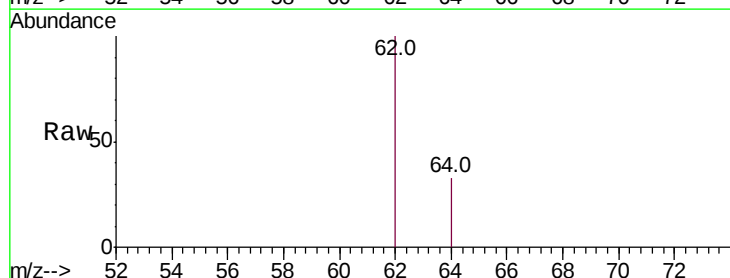
Acq: 28 Jun 2019 2:41

Tgt Ion: 62 Resp: 26398

Ion Ratio Lower Upper

62 100

64 32.9 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VN056537.D (-98) (-)

Ion 64.00 (63.70 to 64.70): VN056537.D (-98) (-)

2.17

20000

15000

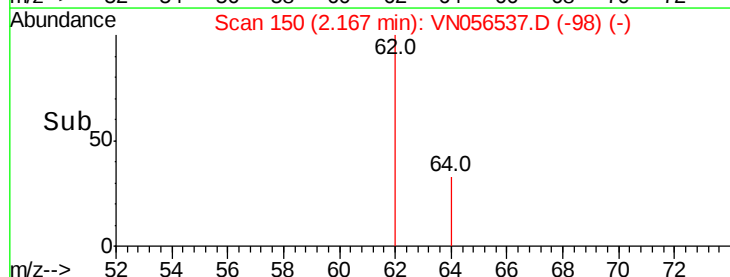
10000

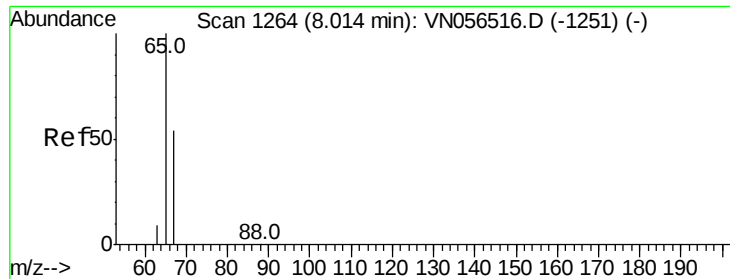
5000

0

Time-->

2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 5.197 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056537.D

Acq: 28 Jun 2019 2:41

Instrument :

MSVOA_N

ClientSampleId :

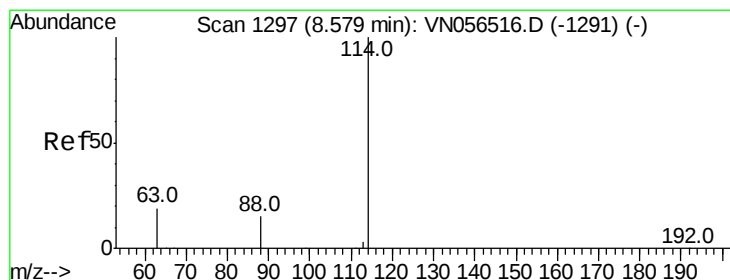
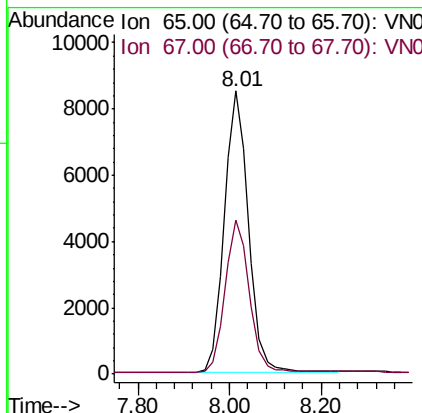
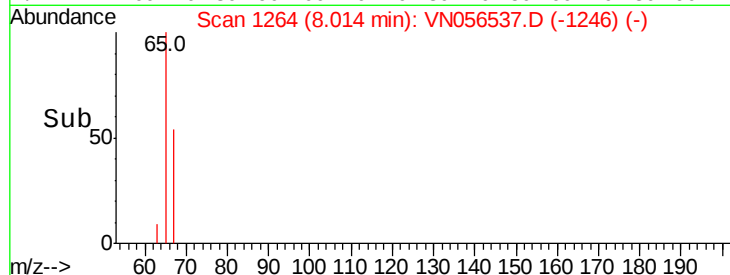
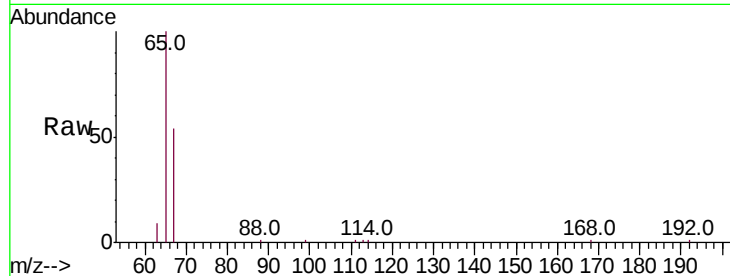
SP-19-LF2MW2MSD

Tot Ion: 65 Resp: 31343

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.8



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056537.D

Acq: 28 Jun 2019 2:41

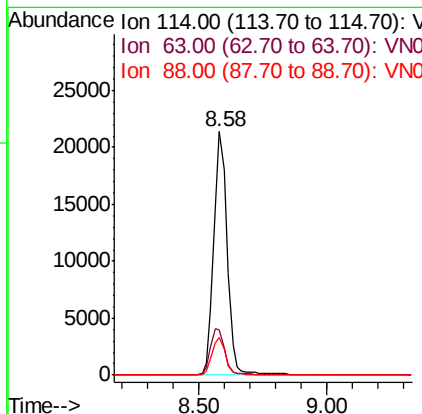
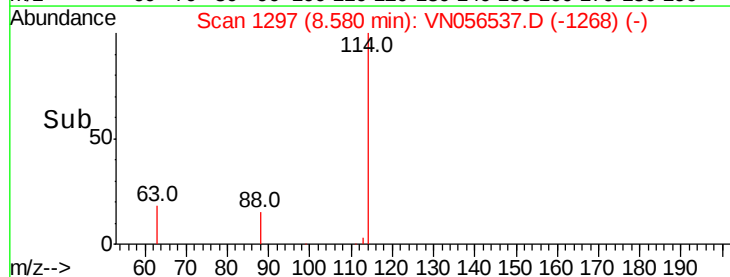
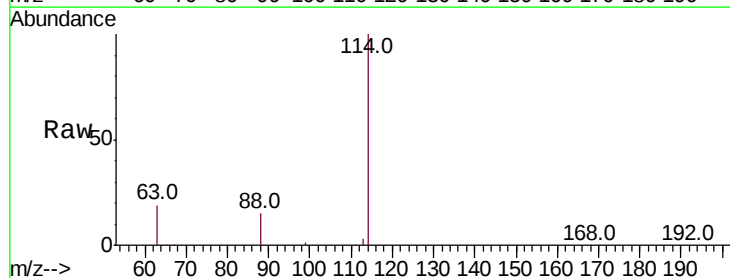
Tgt Ion: 114 Resp: 88462

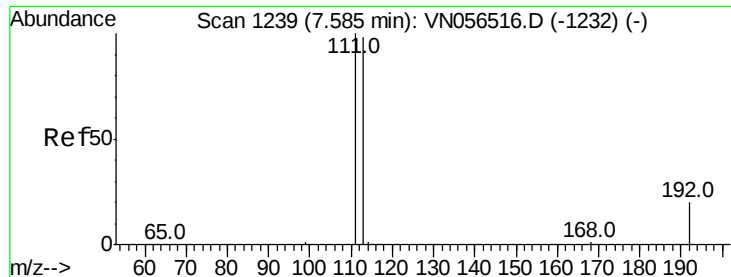
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 15.4 0.0 31.2





#5

Dibromofluoromethane

Concen: 4.816 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056537.D

Acq: 28 Jun 2019 2:41

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW2MSD

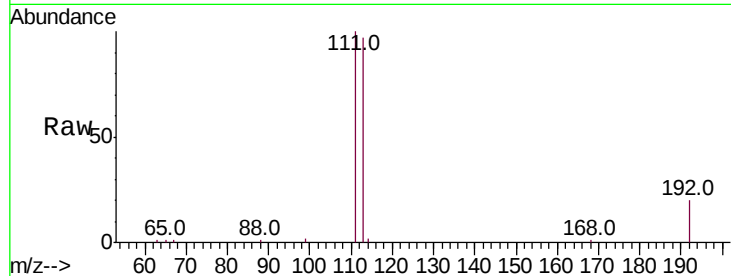
Tot Ion:113 Resp: 23485

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

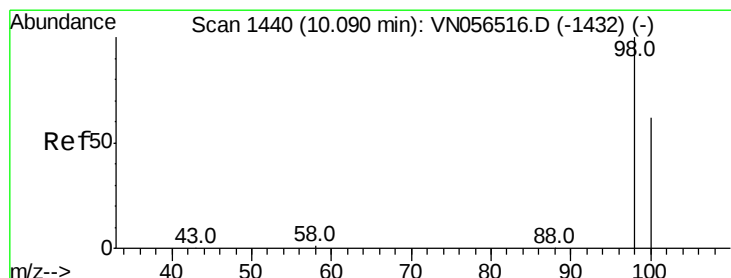
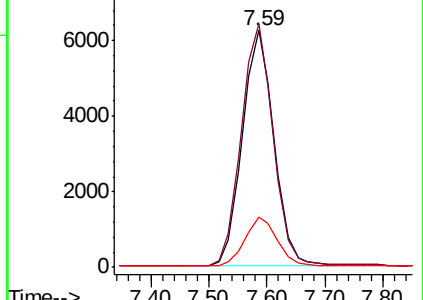
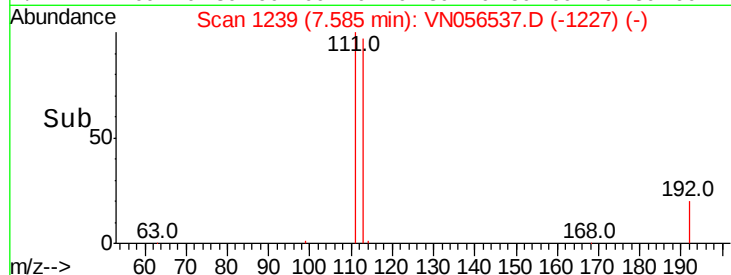
192 21.0 16.9 25.3



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: 4.740 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056537.D

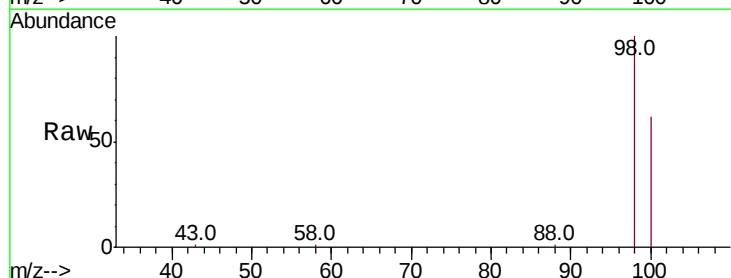
Acq: 28 Jun 2019 2:41

Tgt Ion: 98 Resp: 52299

Ion Ratio Lower Upper

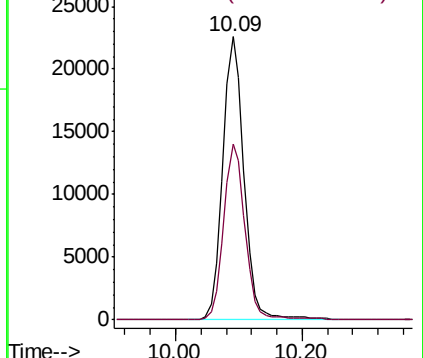
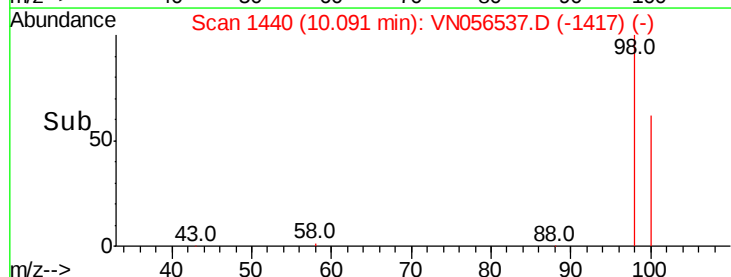
98 100

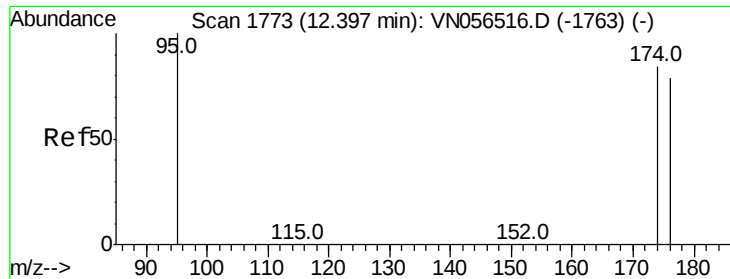
100 62.1 49.7 74.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.770 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056537.D

Acq: 28 Jun 2019 2:41

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW2MSD

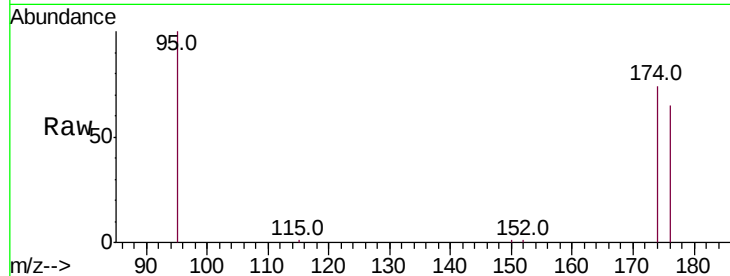
Tot Ion: 95 Resp: 13463

Ion Ratio Lower Upper

95 100

174 73.8 0.0 167.8

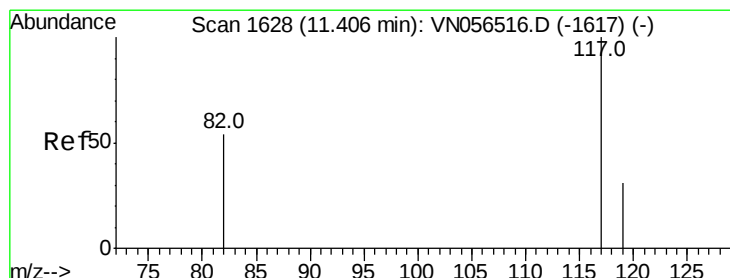
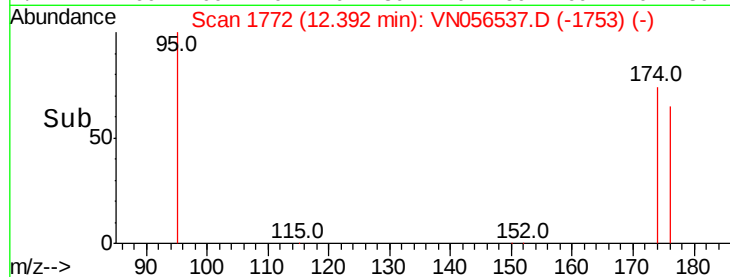
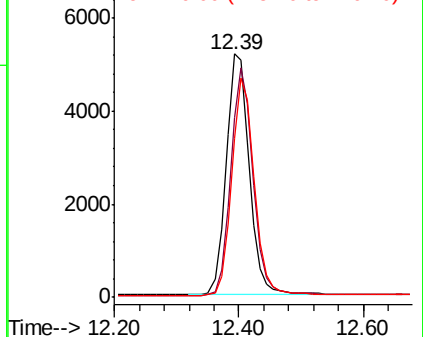
176 65.5 0.0 158.0



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: VN056537.D

Acq: 28 Jun 2019 2:41

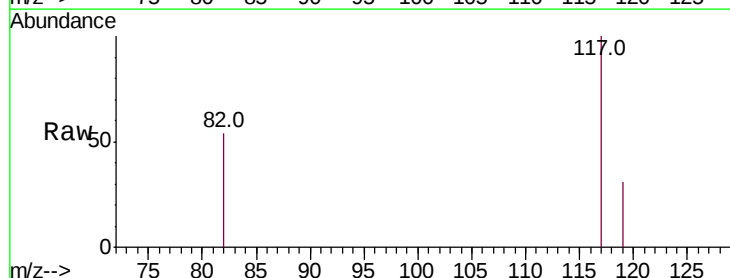
Tgt Ion: 117 Resp: 53500

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

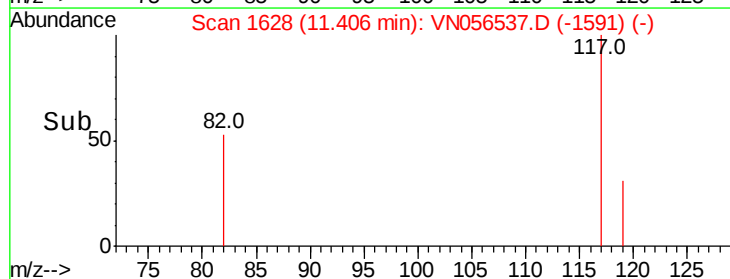
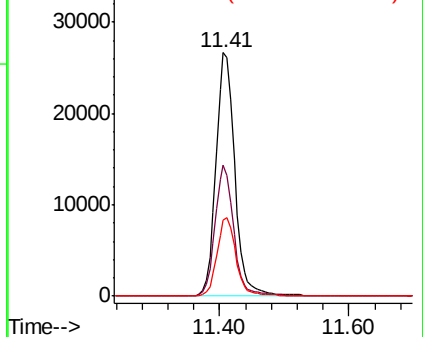
119 31.1 24.7 37.1

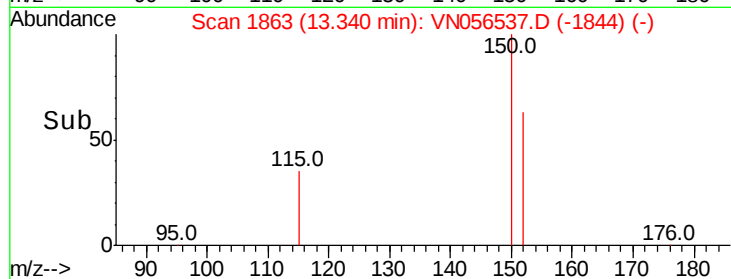
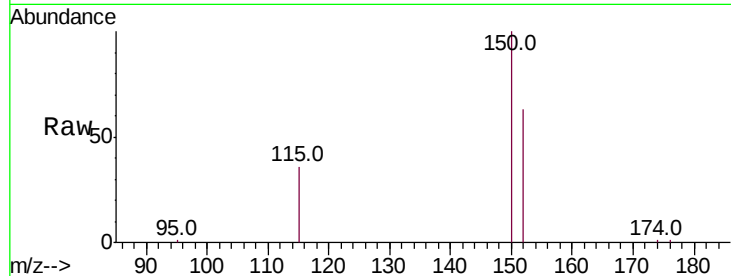
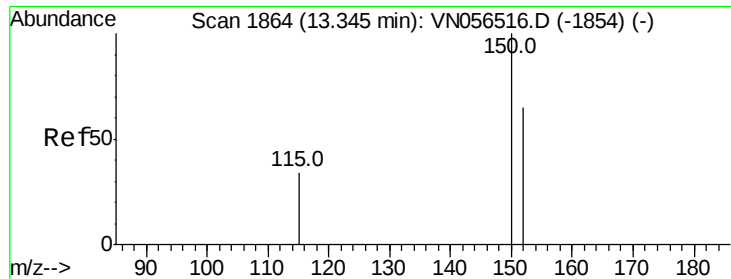


Abundance Ion 117.00 (116.70 to 117.70): VN0

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: 13.34 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056537.D

Acq: 28 Jun 2019 2:41

Instrument :

MSVOA_N

ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:152 Resp: 8351

Ion Ratio Lower Upper

152 100

115 57.4 27.0 80.8

150 158.4 0.0 306.6

