

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100919\
 Data File : VN058635.D
 Acq On : 9 Oct 2019 12:02
 Operator : JC/SP
 Sample : K5260-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0016

Quant Time: Oct 10 01:17:51 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	7.65	168	1574375	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2323207	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2077195	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	751177	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	979967	5.21	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	104.20%
5) Dibromofluoromethane	7.57	113	778839	5.32	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	106.40%
6) Toluene-d8	10.08	98	1656354	5.01	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.20%
7) 4-Bromofluorobenzene	12.40	95	744791	4.60	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	92.00%

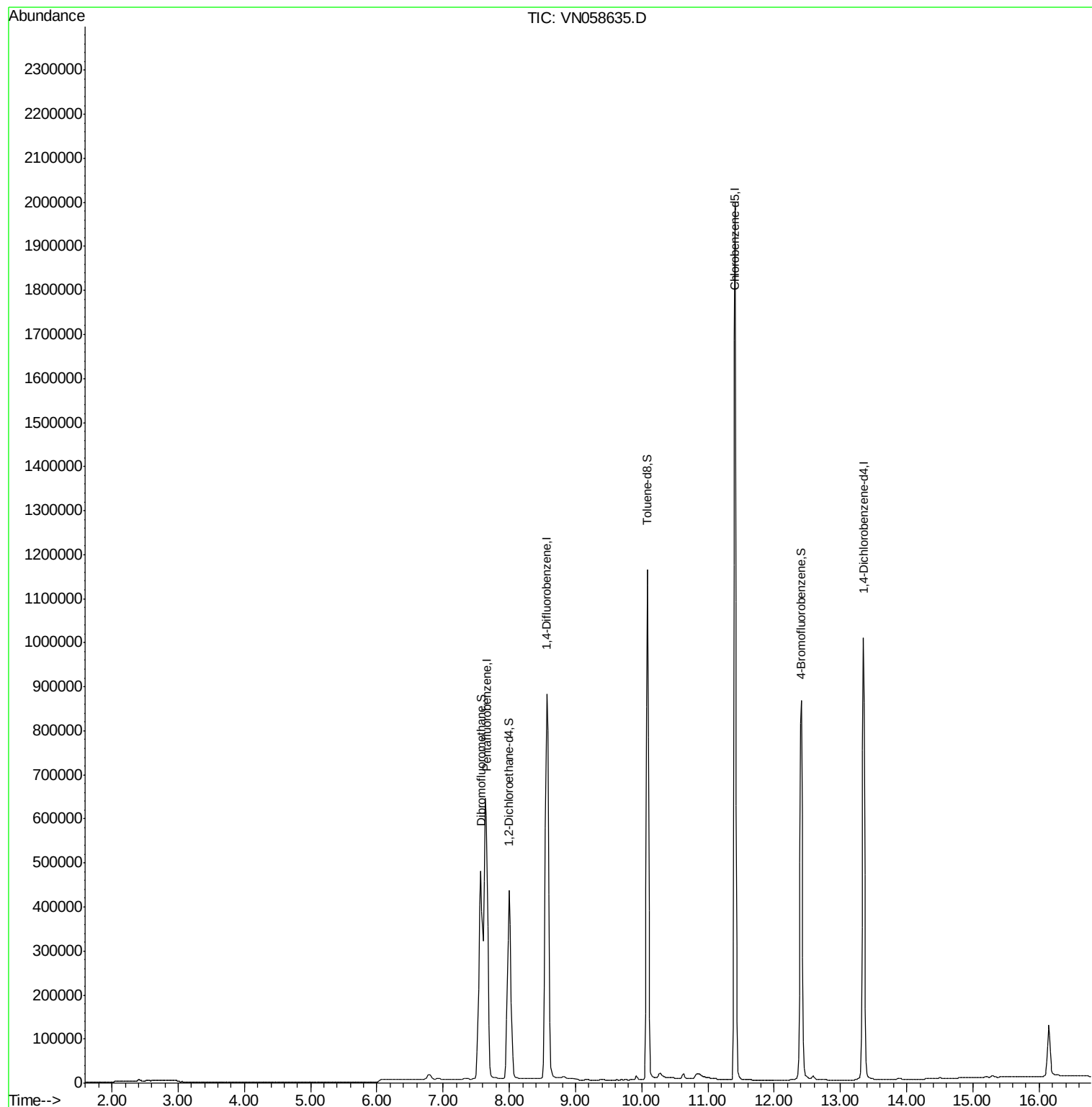
Target Compounds	Qvalue

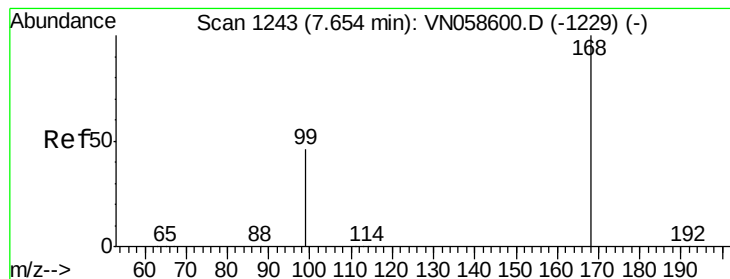
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampled :
FA19-MMW0016

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 04:07:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058635.D

Acq: 9 Oct 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

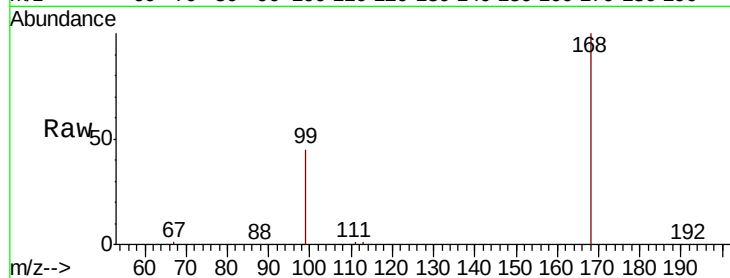
FA19-MMW0016

Tot Ion:168 Resp: 1574375

Ion Ratio Lower Upper

168 100

99 45.0 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.65

400000

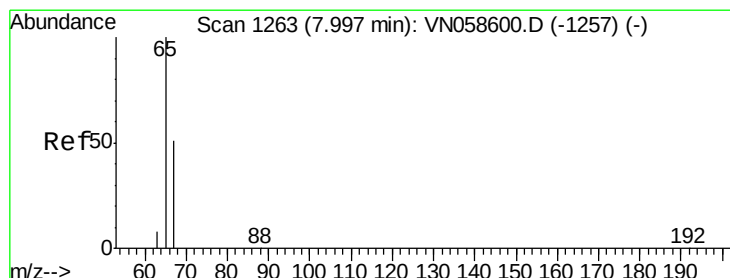
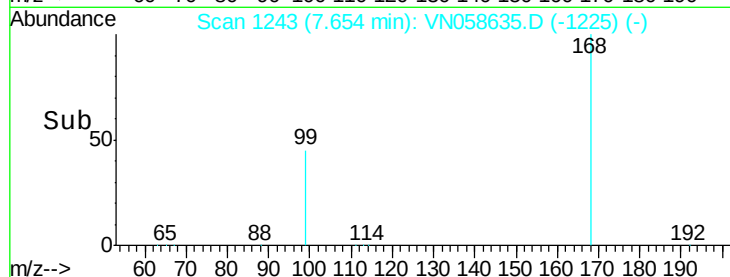
300000

200000

100000

0

Time--> 7.40 7.60 7.80 8.00



#3

1,2-Dichloroethane-d4

Concen: 5.210 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058635.D

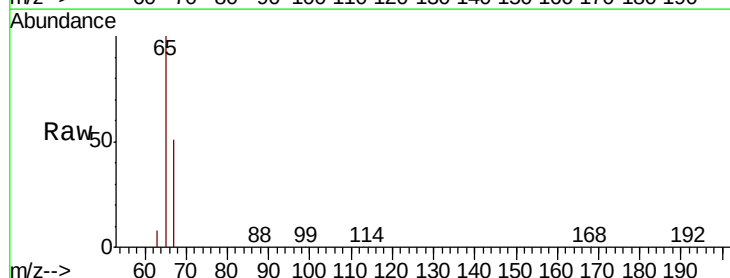
Acq: 9 Oct 2019 12:02

Tgt Ion: 65 Resp: 979967

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN

8.00

300000

250000

200000

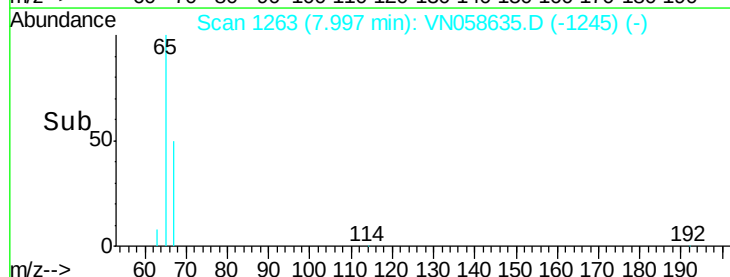
150000

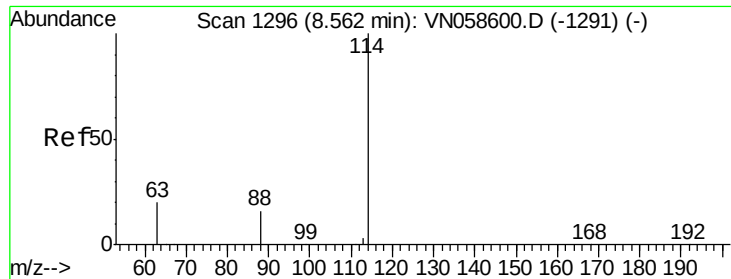
100000

50000

0

Time--> 7.80 8.00 8.20





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058635.D

Acq: 9 Oct 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0016

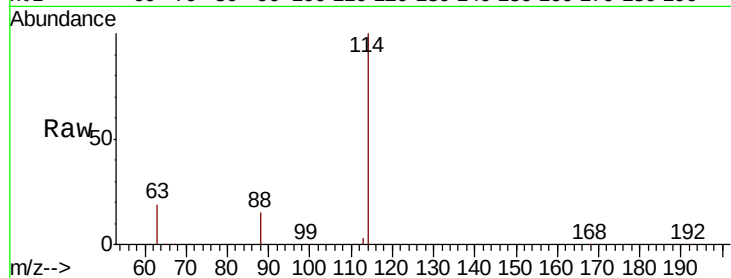
Tot Ion:114 Resp: 2323207

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

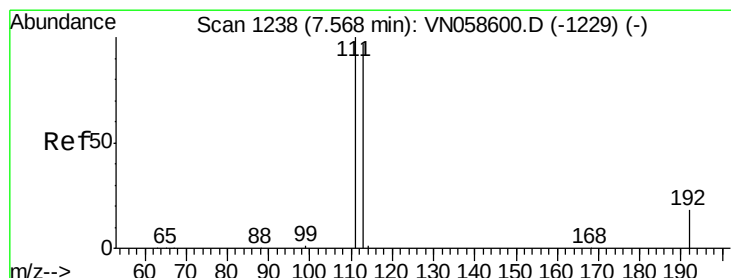
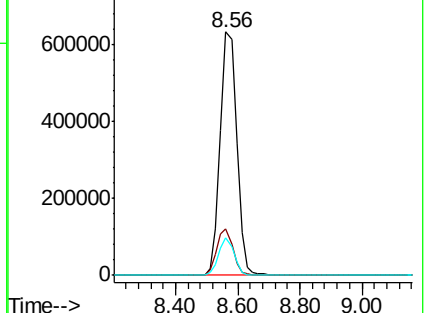
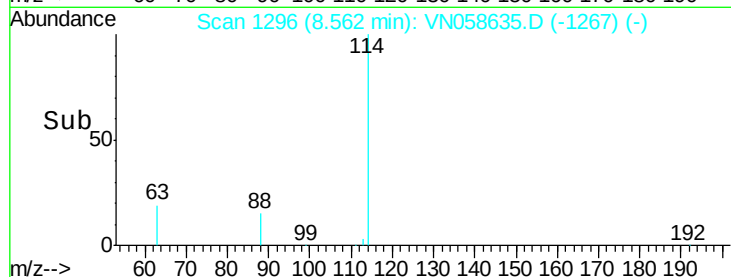
88 15.2 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#5

Dibromofluoromethane

Concen: 5.322 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058635.D

Acq: 9 Oct 2019 12:02

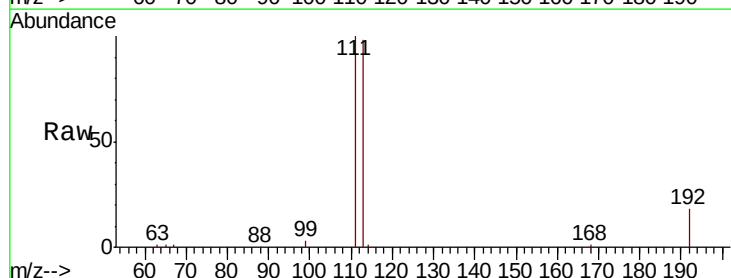
Tgt Ion:113 Resp: 778839

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

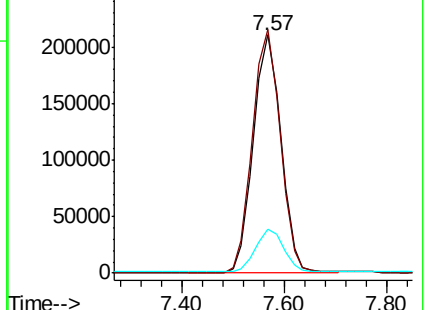
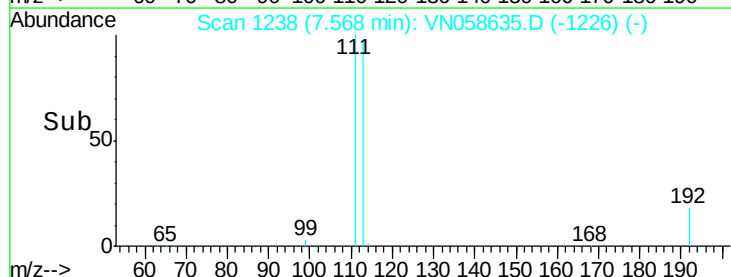
192 18.5 14.9 22.3

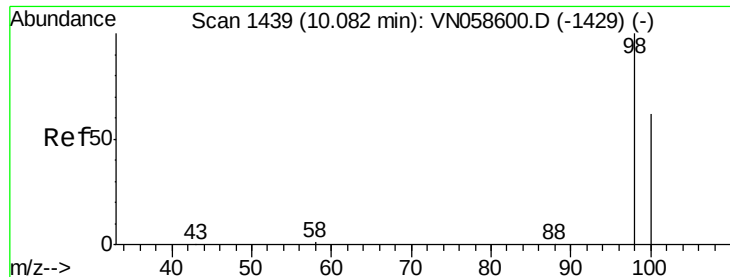


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.009 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058635.D

Acq: 9 Oct 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

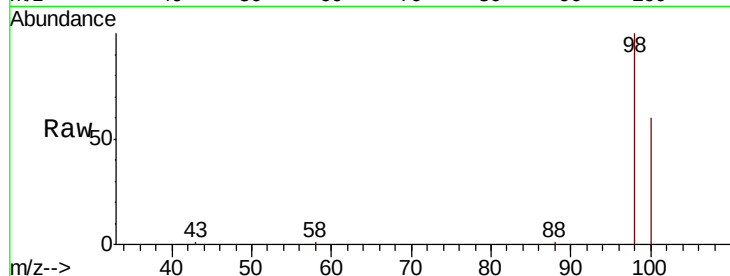
FA19-MMW0016

Tot Ion: 98 Resp: 1656354

Ion Ratio Lower Upper

98 100

100 59.8 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN058635.D (-1416) (-)

Ion 100.00 (99.70 to 100.70): VN058635.D (-1416) (-)

10.08

800000

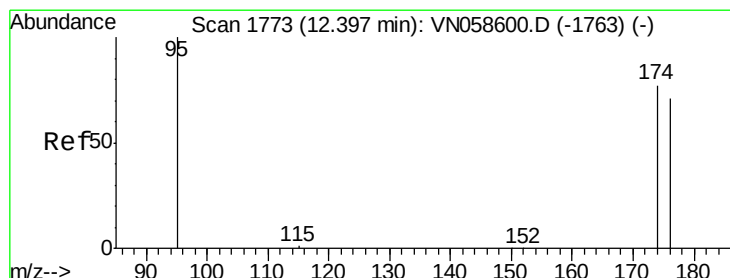
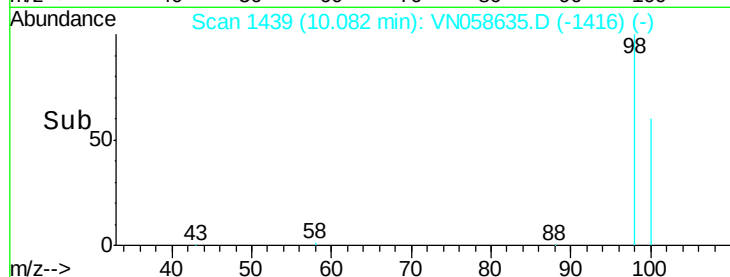
600000

400000

200000

0

Time-->



#7

4-Bromofluorobenzene

Concen: 4.597 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058635.D

Acq: 9 Oct 2019 12:02

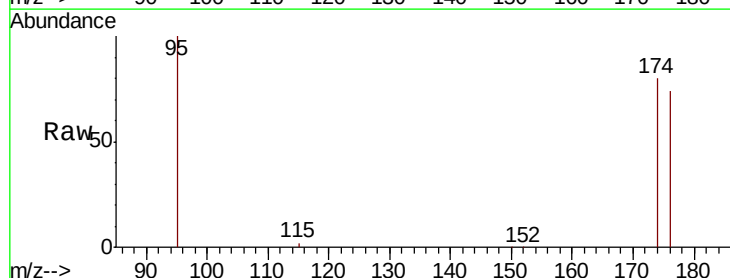
Tgt Ion: 95 Resp: 744791

Ion Ratio Lower Upper

95 100

174 79.7 0.0 153.4

176 73.7 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058635.D (-1754) (-)

Ion 174.00 (173.70 to 174.70): VN058635.D (-1754) (-)

Ion 176.00 (175.70 to 176.70): VN058635.D (-1754) (-)

12.40

400000

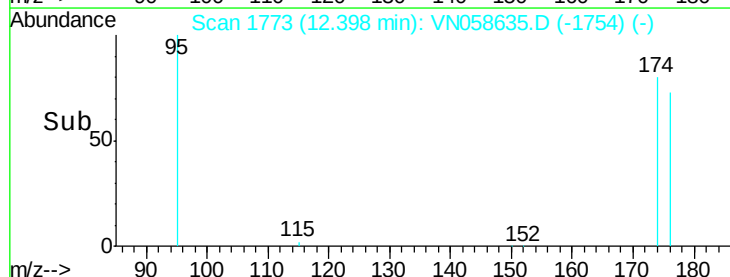
300000

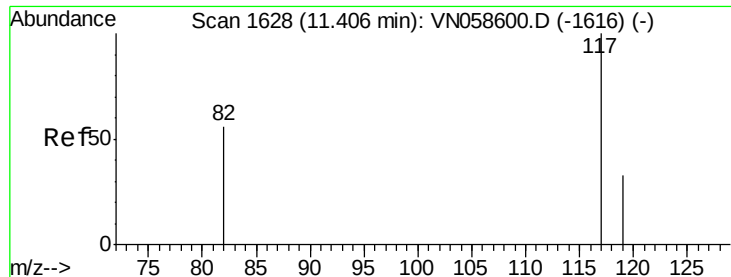
200000

100000

0

Time-->

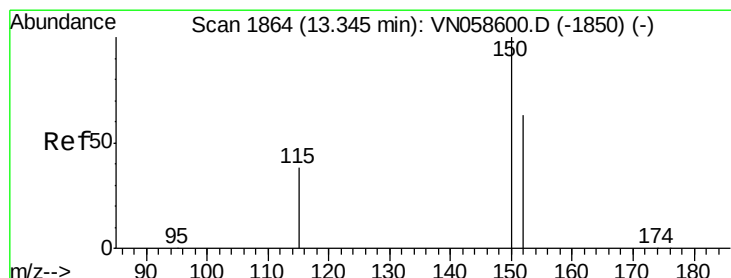
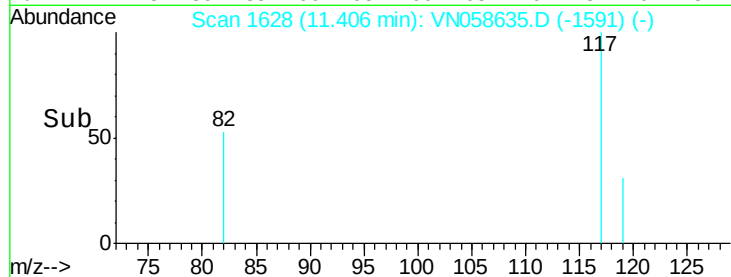
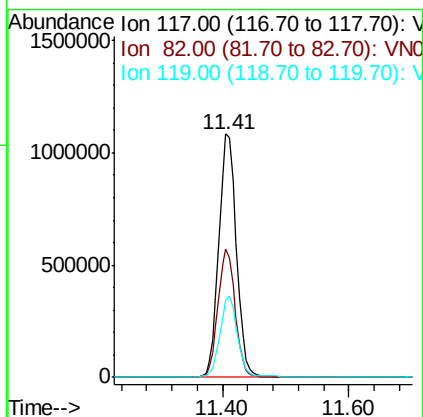
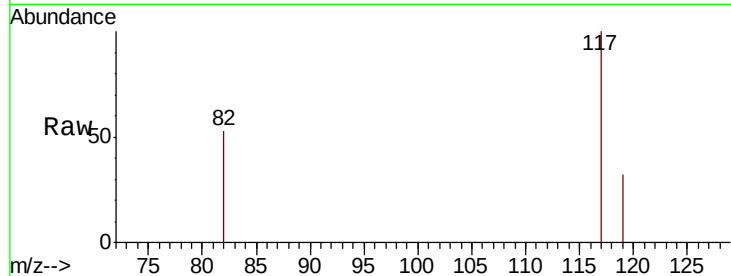




#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.41 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN058635.D
Acq: 9 Oct 2019 12:02

Instrument :
MSVOA_N
ClientSampled :
FA19-MMW0016

Tot Ion:117 Resp: 2077195
Ion Ratio Lower Upper
117 100
82 52.7 44.7 67.1
119 31.6 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: VN058635.D
Acq: 9 Oct 2019 12:02

Tgt Ion:152 Resp: 751177
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.8
150 160.1 0.0 315.8

