

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058624.D
 Acq On : 8 Oct 2019 20:14
 Operator : JC/SP
 Sample : K5234-06MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7106BMS

Quant Time: Oct 09 04:17:57 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	1749508	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2599610	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2370129	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	892064	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1096410	5.25	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	105.00%
5) Dibromofluoromethane	7.57	113	857701	5.24	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	104.80%
6) Toluene-d8	10.08	98	1888924	5.10	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	102.00%
7) 4-Bromofluorobenzene	12.40	95	870903	4.80	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	96.00%

Target Compounds

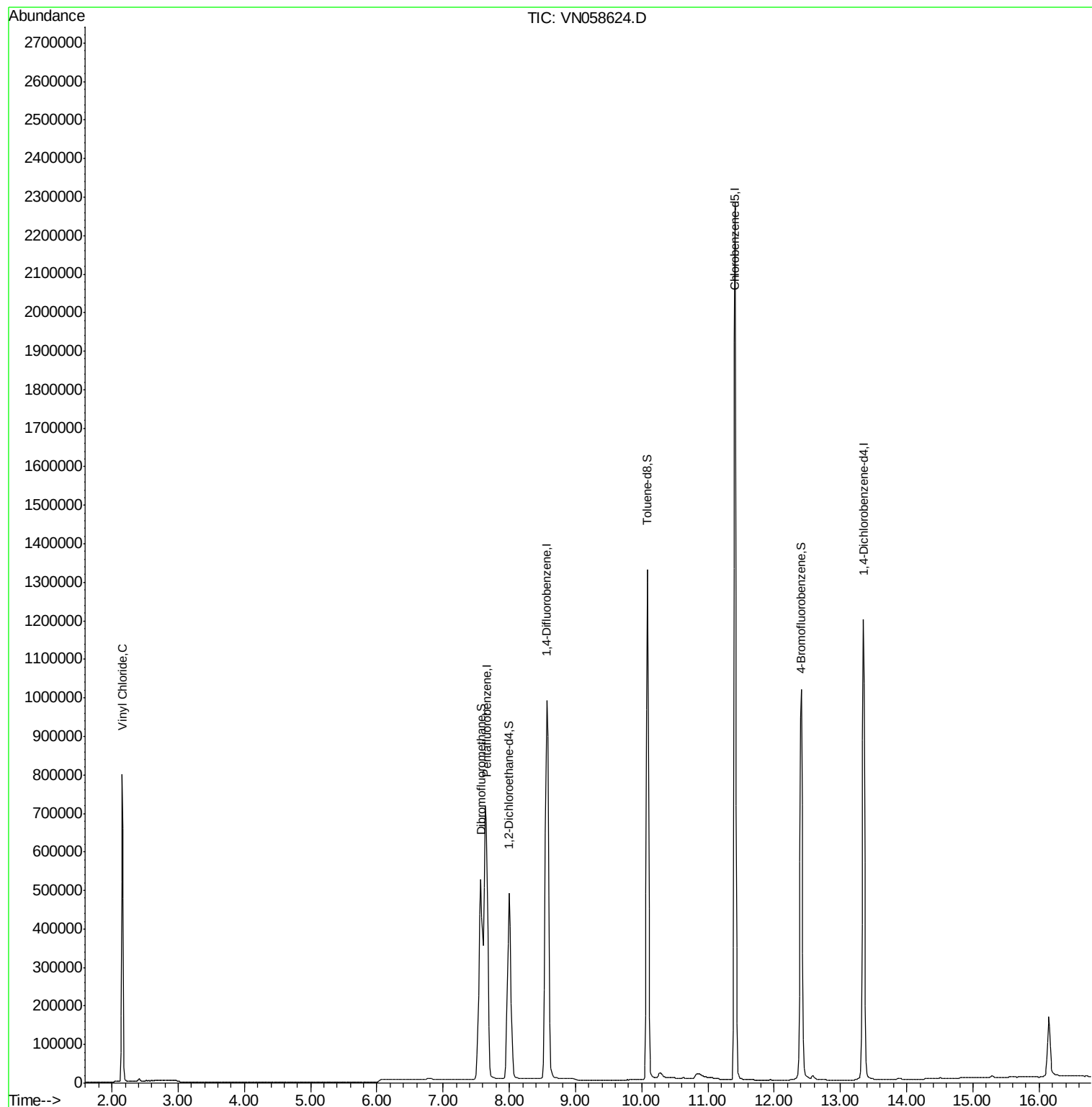
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	899791	5.061	ug/l	99

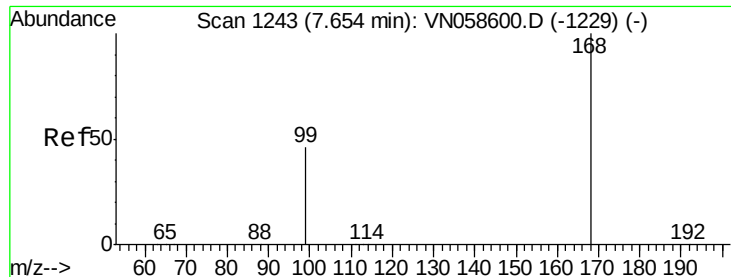
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058624.D

Acq: 8 Oct 2019 20:14

Instrument :

MSVOA_N

ClientSampleId :

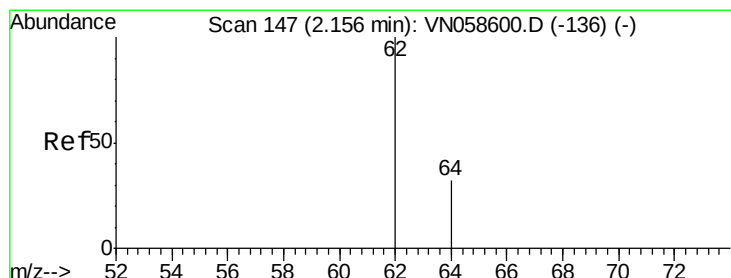
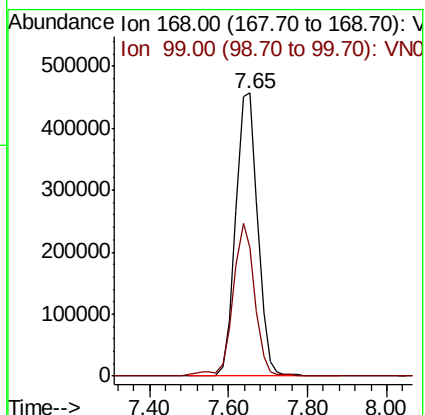
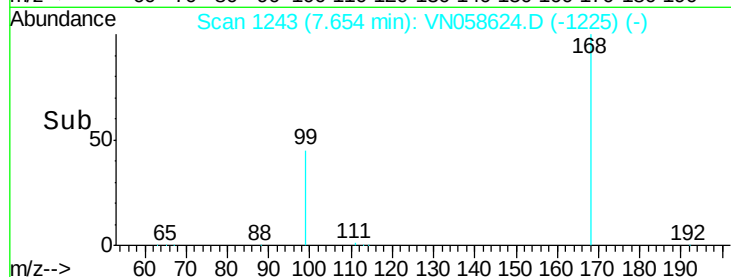
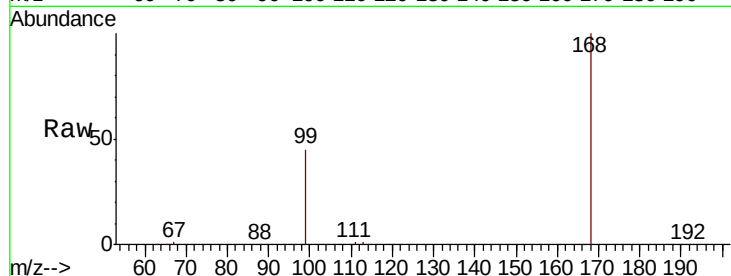
FA19-JBW7106BMS

Tot Ion:168 Resp: 1749508

Ion Ratio Lower Upper

168 100

99 45.2 36.8 55.2



#2

Vinyl Chloride

Concen: 5.061 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058624.D

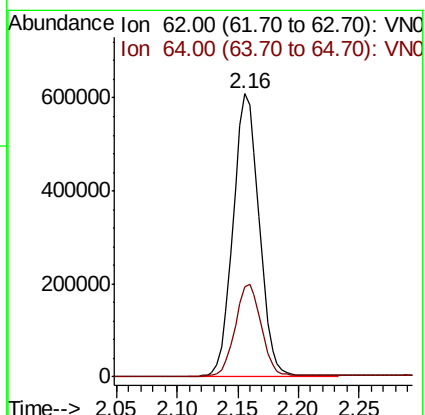
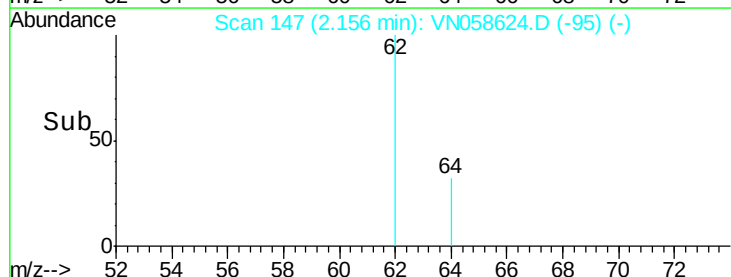
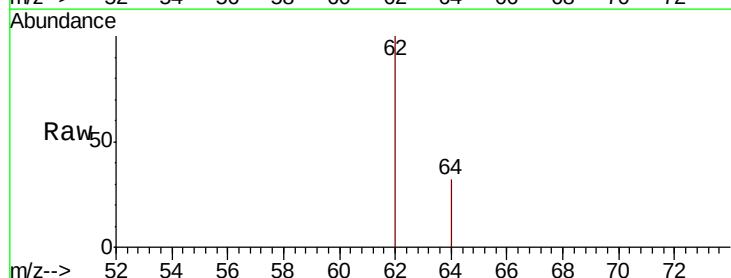
Acq: 8 Oct 2019 20:14

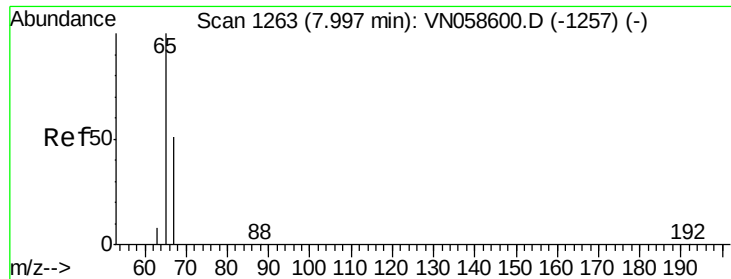
Tgt Ion: 62 Resp: 899791

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.6





#3

1,2-Dichloroethane-d4

Concen: 5.246 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058624.D

Acq: 8 Oct 2019 20:14

Instrument :

MSVOA_N

ClientSampleId :

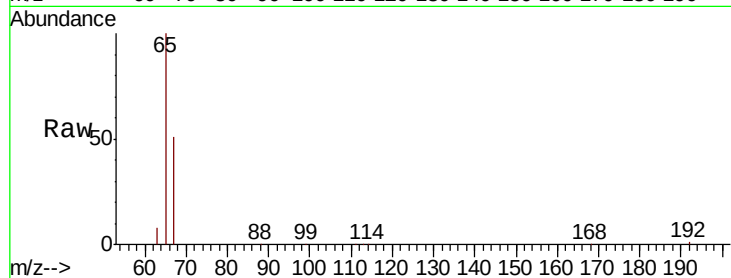
FA19-JBW7106BMS

Tot Ion: 65 Resp: 1096410

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058624.D (-1245) (-)

Ion 67.00 (66.70 to 67.70): VN058624.D (-1245) (-)

8.00

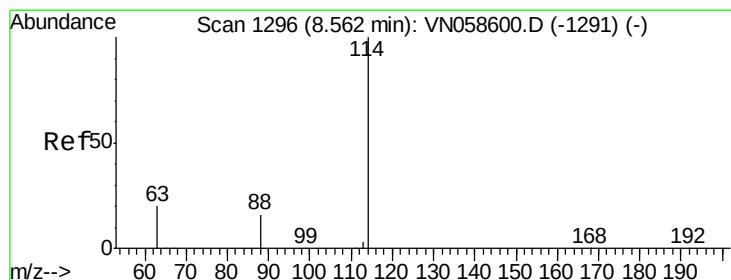
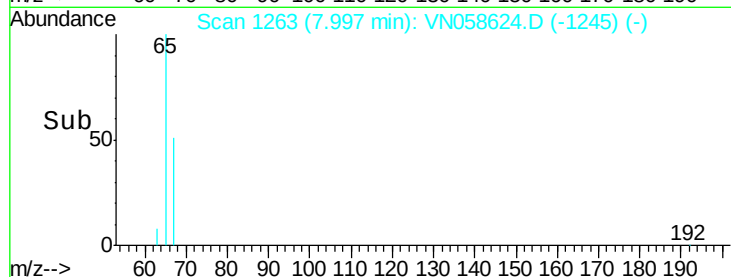
300000

200000

100000

0

Time--> 7.60 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: VN058624.D

Acq: 8 Oct 2019 20:14

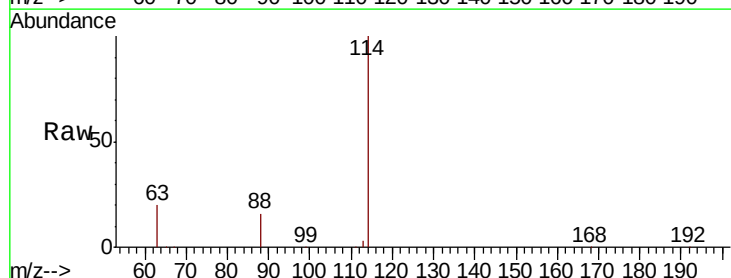
Tgt Ion: 114 Resp: 2599610

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

88 15.5 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058624.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058624.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058624.D (-1267) (-)

8.56

800000

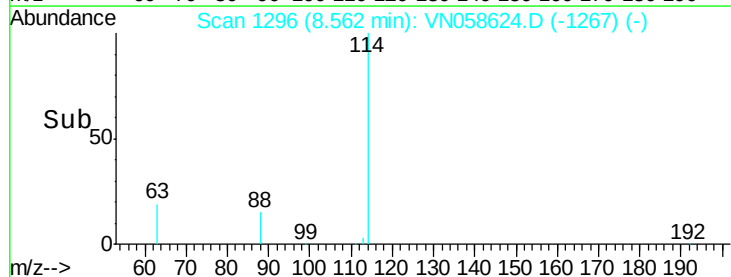
600000

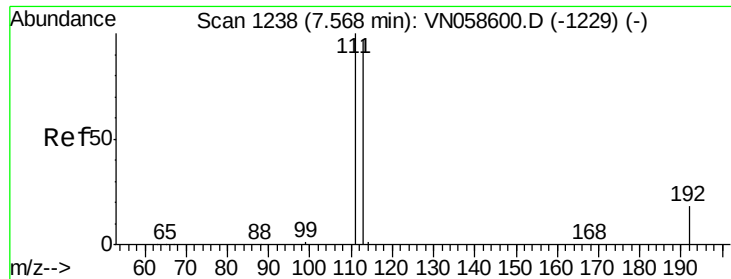
400000

200000

0

Time--> 8.20 8.40 8.60 8.80 9.00





#5

Dibromofluoromethane

Concen: 5.237 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058624.D

Acq: 8 Oct 2019 20:14

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7106BMS

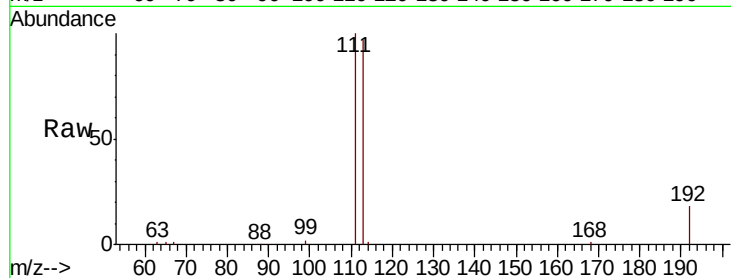
Tot Ion:113 Resp: 857701

Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

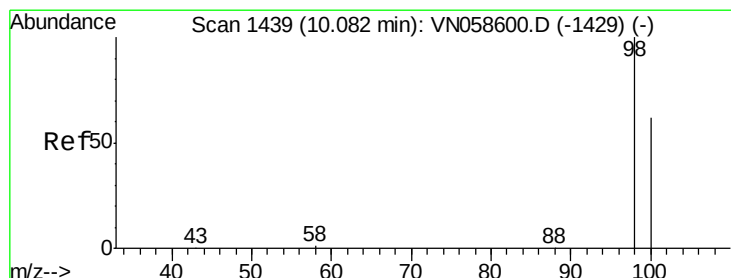
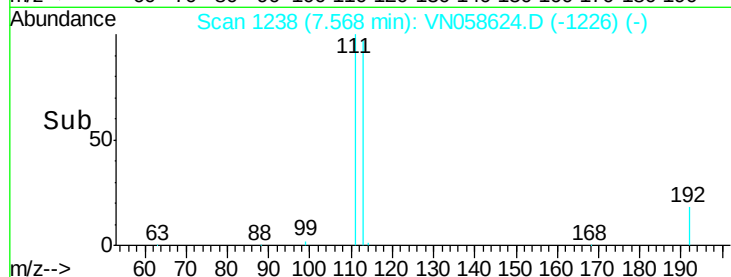
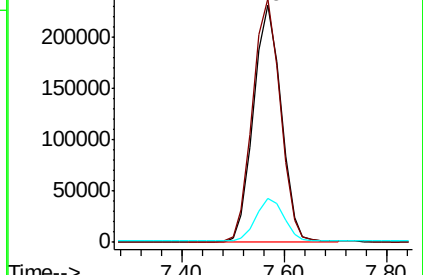
192 18.7 14.9 22.3



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: 5.105 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058624.D

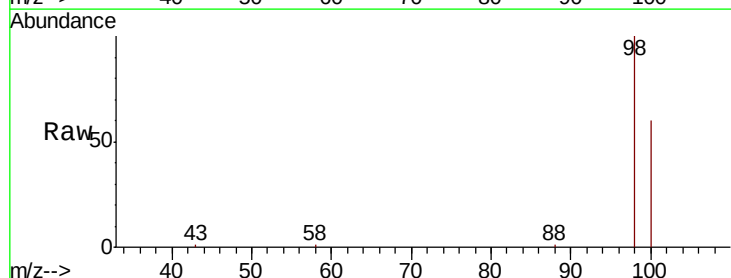
Acq: 8 Oct 2019 20:14

Tgt Ion: 98 Resp: 1888924

Ion Ratio Lower Upper

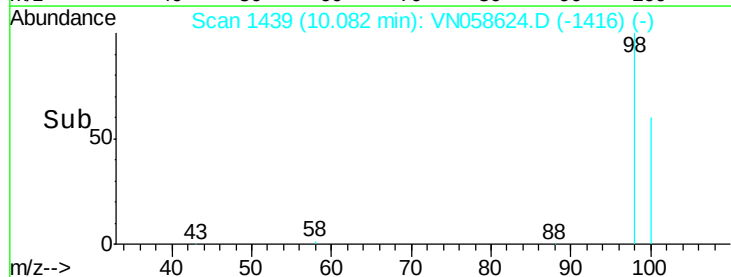
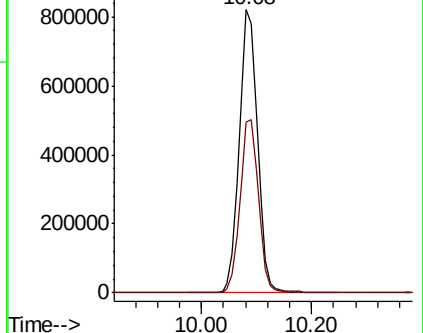
98 100

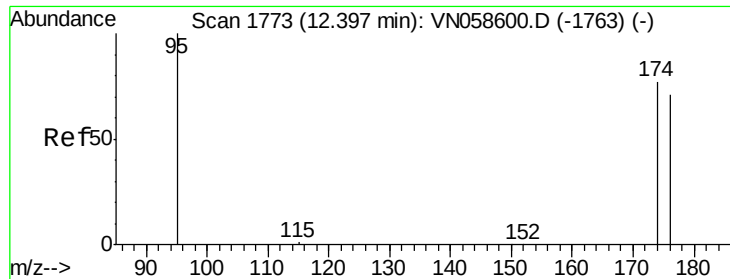
100 60.3 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.804 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058624.D

Acq: 8 Oct 2019 20:14

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7106BMS

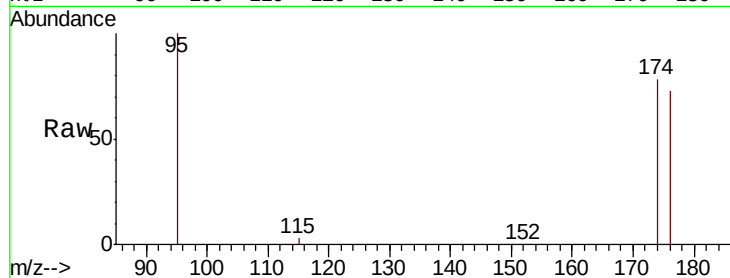
Tot Ion: 95 Resp: 870903

Ion Ratio Lower Upper

95 100

174 78.2 0.0 153.4

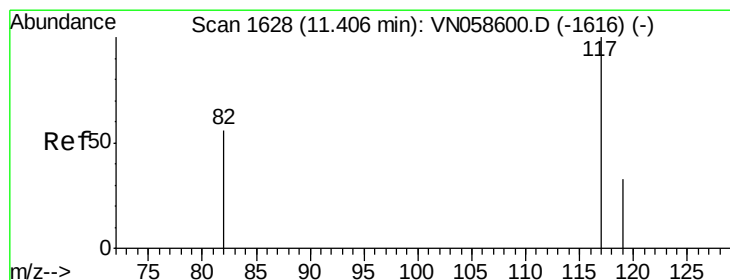
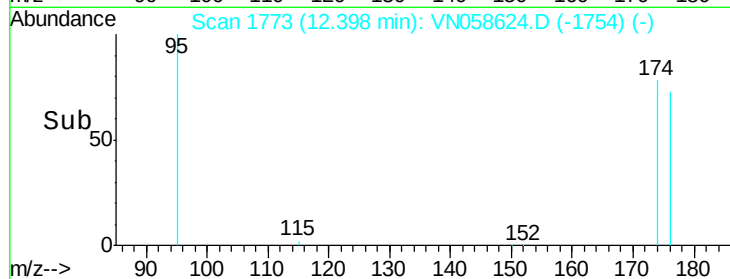
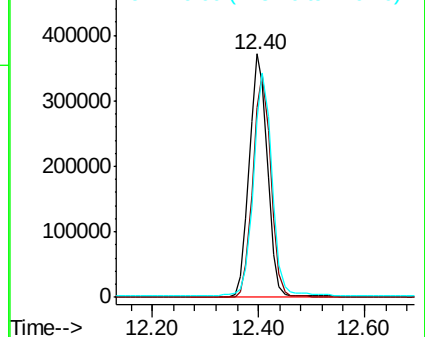
176 73.2 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058600.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058600.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058624.D

Acq: 8 Oct 2019 20:14

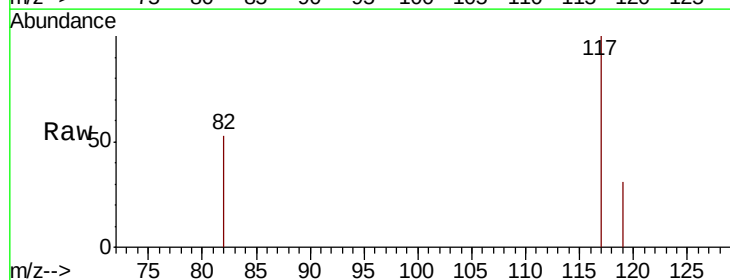
Tgt Ion: 117 Resp: 2370129

Ion Ratio Lower Upper

117 100

82 52.9 44.7 67.1

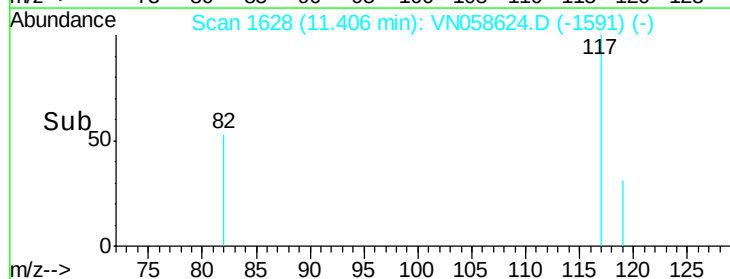
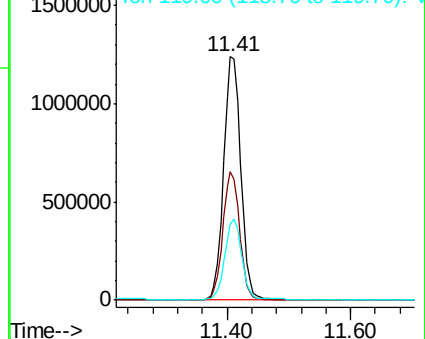
119 31.4 27.0 40.4

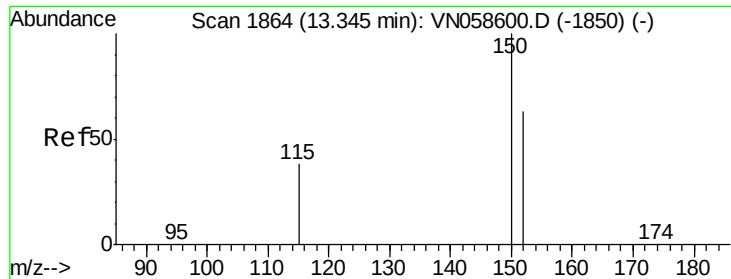


Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058600.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058600.D (-1616) (-)





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN058624.D
 Acq: 8 Oct 2019 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7106BMS

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.9	89.8
150	159.5	0.0	315.8

