

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056975.D
 Acq On : 30 Jul 2019 14:48
 Operator : JC/SP
 Sample : K4019-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU19-MSW0321

Quant Time: Jul 31 04:15:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 01:50:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	34650	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	55942	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	32440	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	4553	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	21710	5.06	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	101.20%
5) Dibromofluoromethane	7.57	113	18278	4.81	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	96.20%
6) Toluene-d8	10.08	98	35960	4.64	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	92.80%
7) 4-Bromofluorobenzene	12.39	95	8215	4.54	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	90.80%

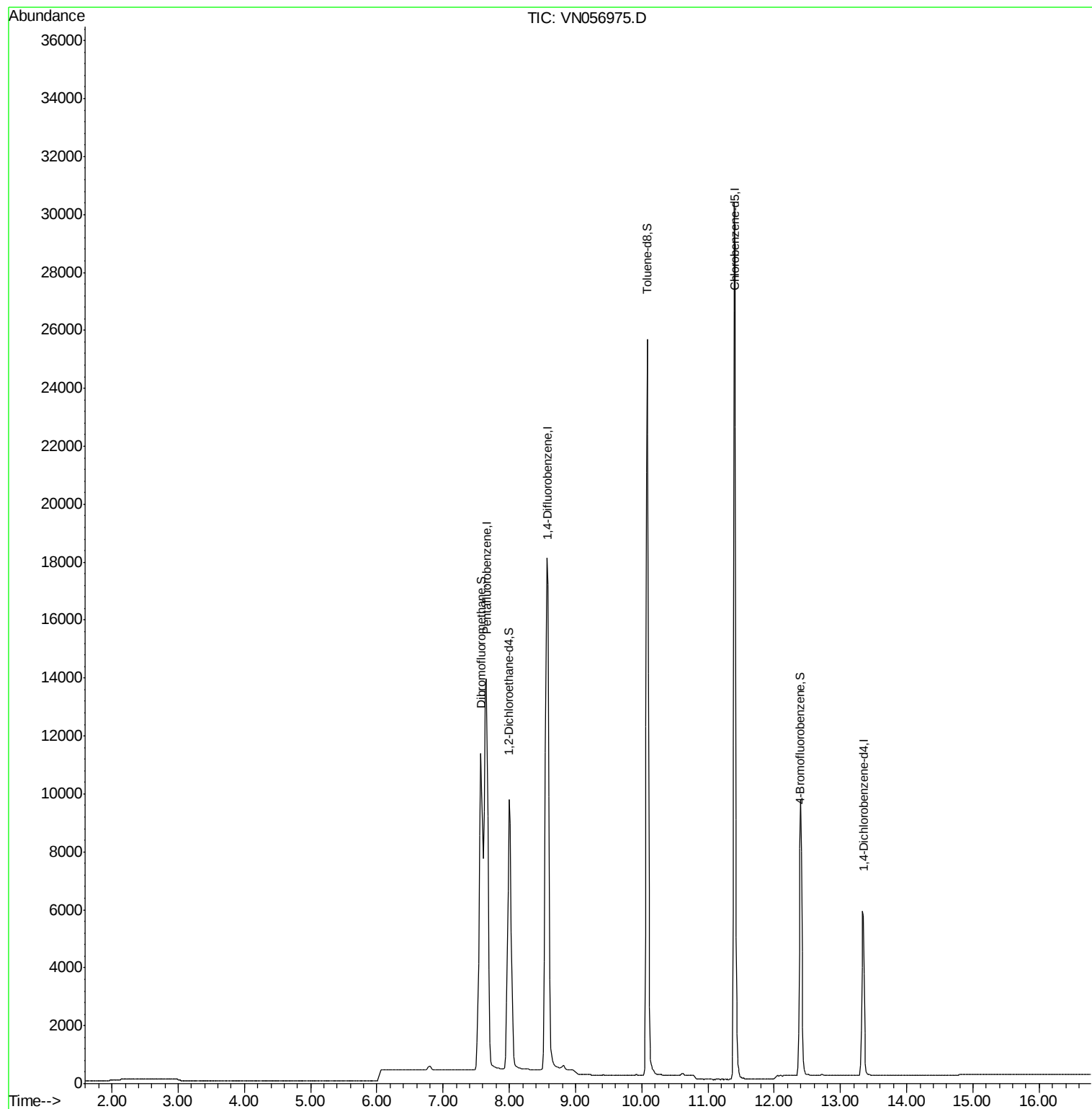
Target Compounds	Qvalue
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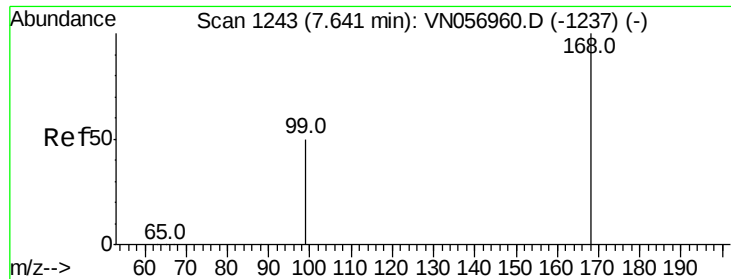
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VN056975.D

Acq: 30 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

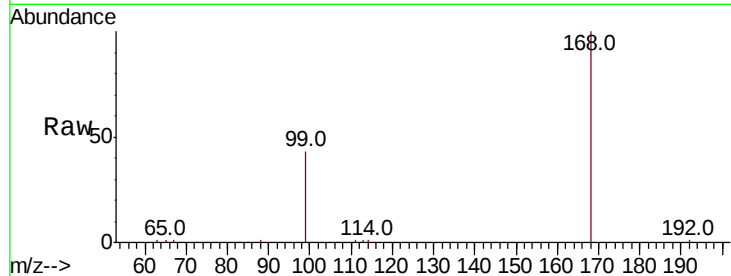
SU19-MSW0321

Tot Ion:168 Resp: 34650

Ion Ratio Lower Upper

168 100

99 43.2 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056975.D (-1243) (-)

Ion 99.00 (98.70 to 99.70): VN056975.D (-1243) (-)

7.65

10000

8000

6000

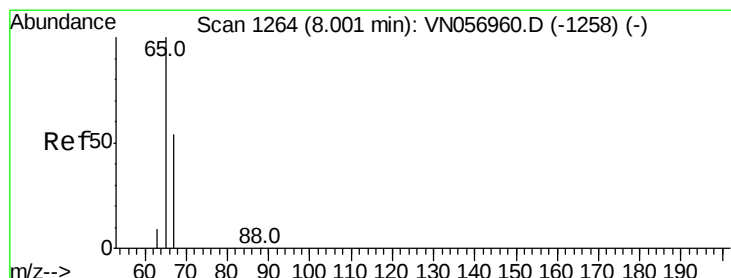
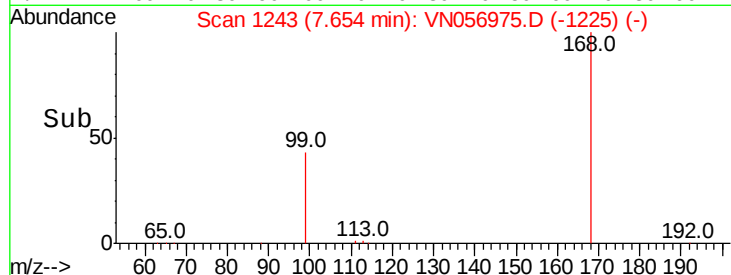
4000

2000

0

7.40 7.60 7.80 8.00

Time-->



#3

1,2-Dichloroethane-d4

Concen: 5.055 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056975.D

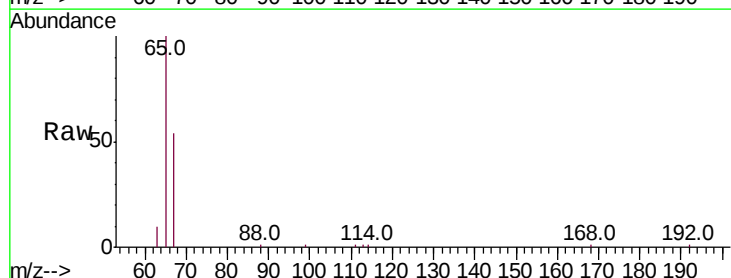
Acq: 30 Jul 2019 14:48

Tgt Ion: 65 Resp: 21710

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN056975.D (-1264) (-)

Ion 67.00 (66.70 to 67.70): VN056975.D (-1264) (-)

8.00

6000

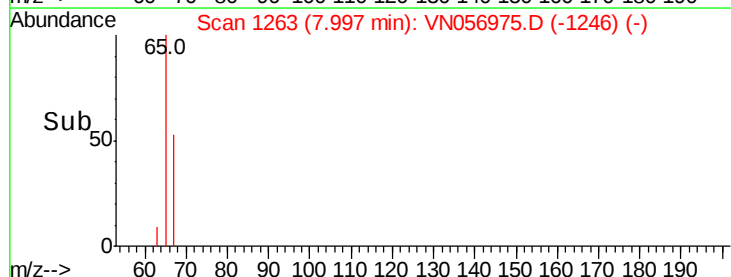
4000

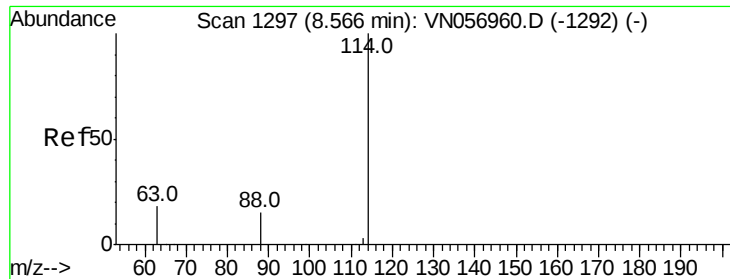
2000

0

7.80 8.00 8.20

Time-->





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN056975.D

Acq: 30 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0321

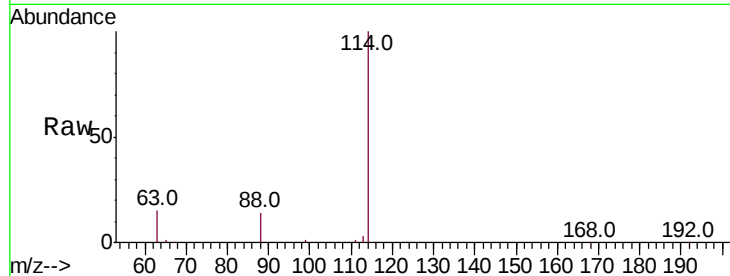
Tot Ion:114 Resp: 55942

Ion Ratio Lower Upper

114 100

63 14.6 0.0 37.6

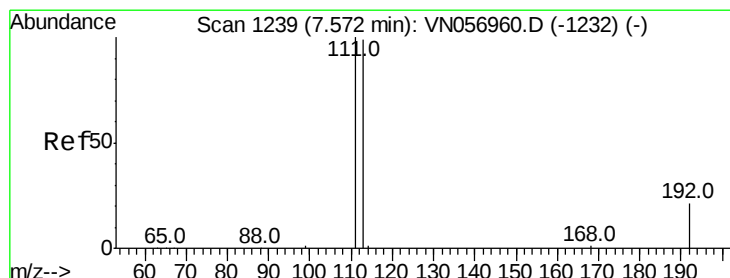
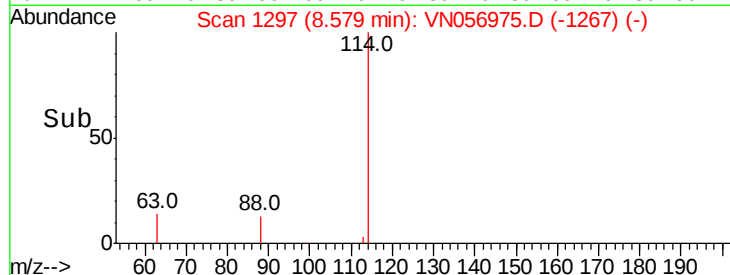
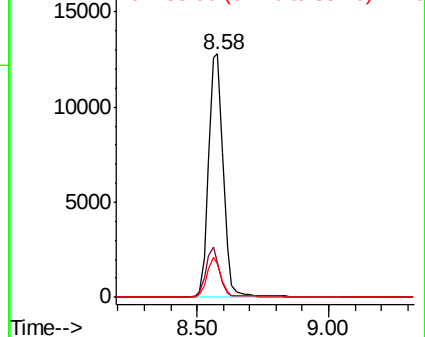
88 13.7 0.0 31.0



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: 4.810 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056975.D

Acq: 30 Jul 2019 14:48

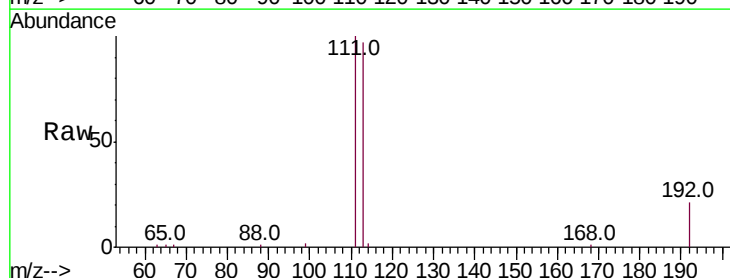
Tgt Ion:113 Resp: 18278

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

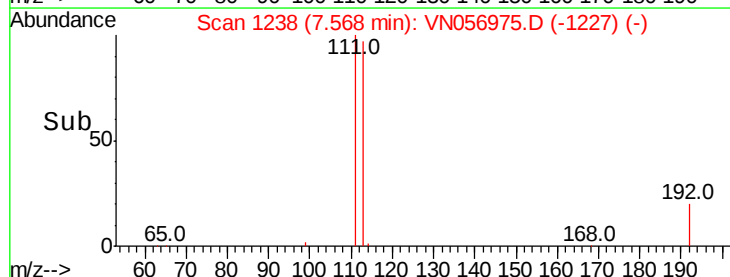
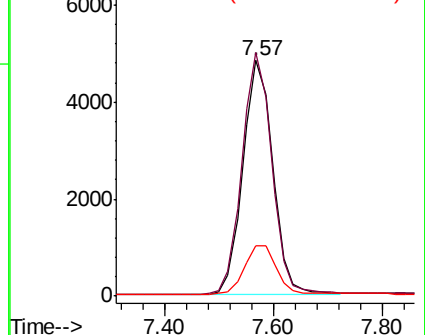
192 21.6 17.9 26.9

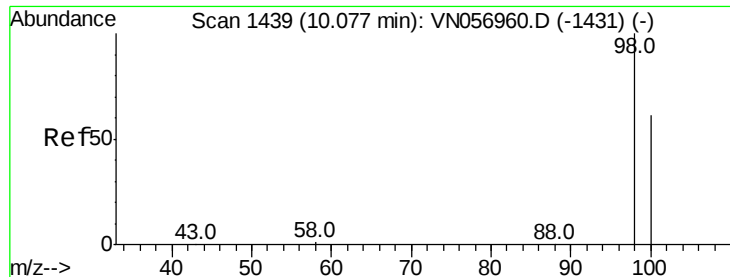


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 4.637 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056975.D

Acq: 30 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

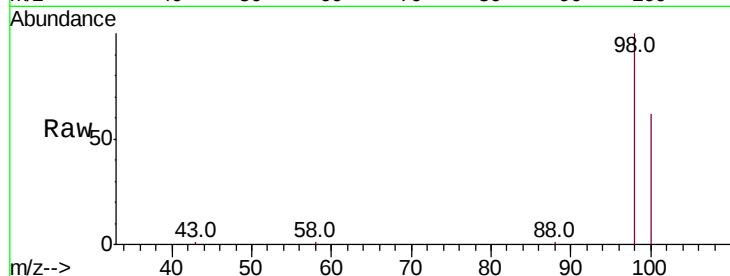
SU19-MSW0321

Tot Ion: 98 Resp: 35960

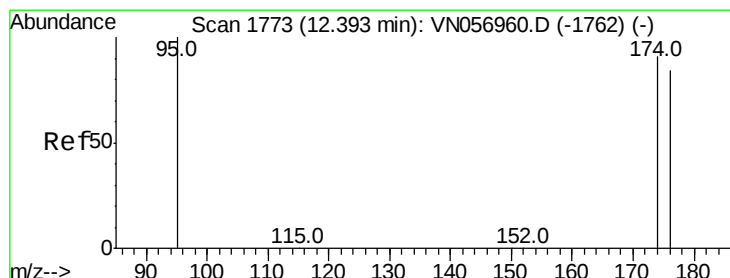
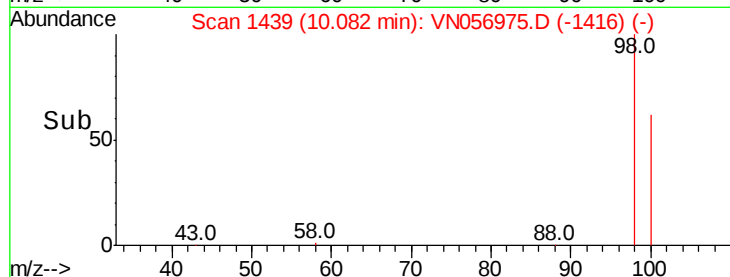
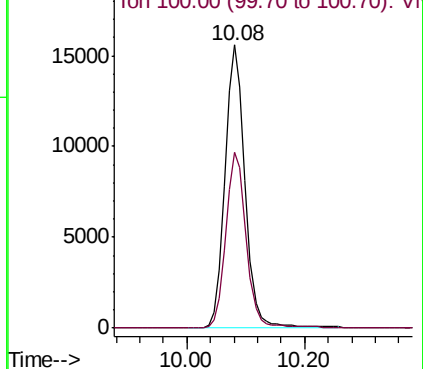
Ion Ratio Lower Upper

98 100

100 62.3 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN056960.D (-1431) (-)



#7

4-Bromofluorobenzene

Concen: 4.538 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056975.D

Acq: 30 Jul 2019 14:48

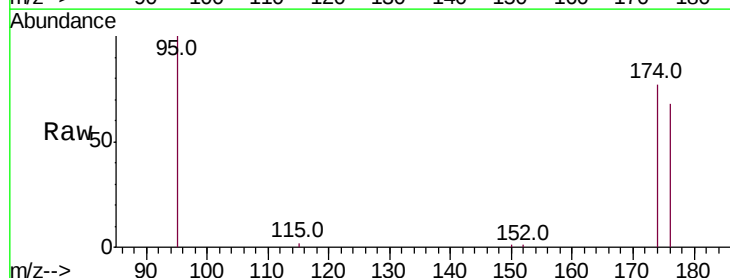
Tgt Ion: 95 Resp: 8215

Ion Ratio Lower Upper

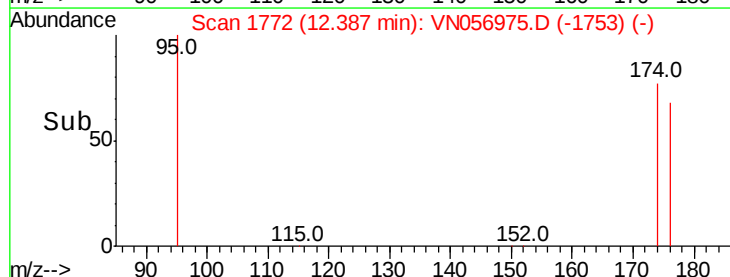
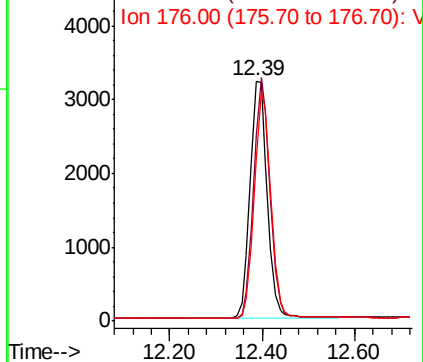
95 100

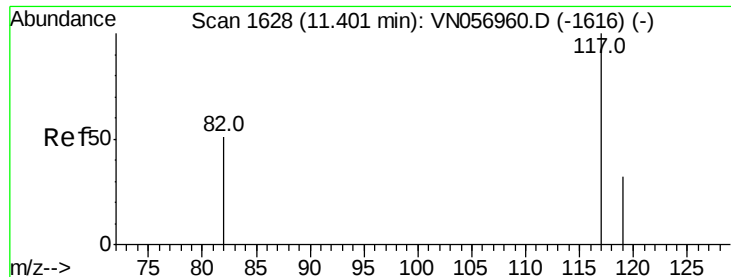
174 77.3 0.0 181.4

176 68.2 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056960.D (-1762) (-)





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056975.D

Acq: 30 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0321

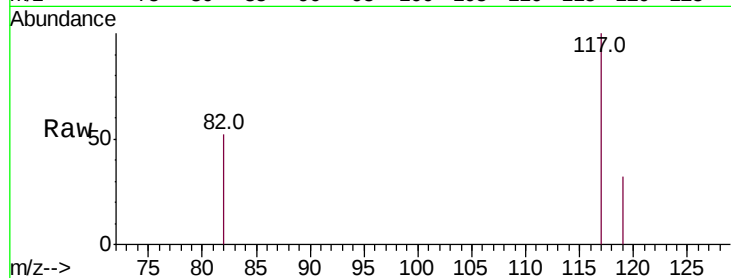
Tot Ion:117 Resp: 32440

Ion Ratio Lower Upper

117 100

82 52.1 40.7 61.1

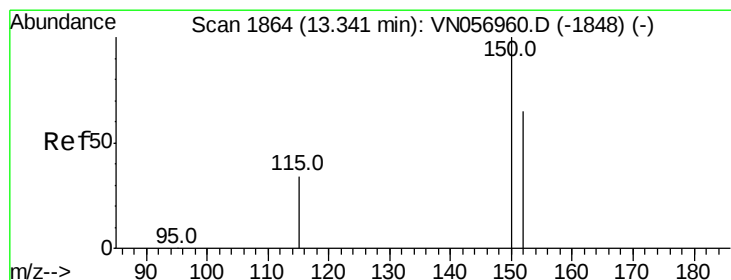
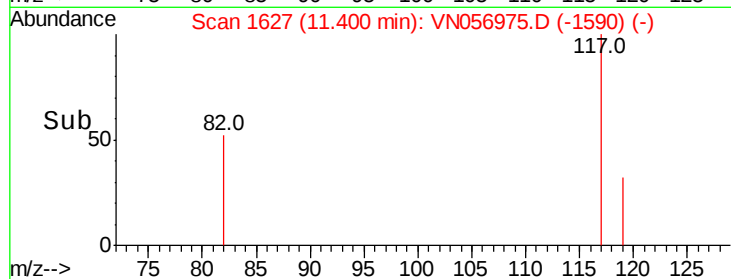
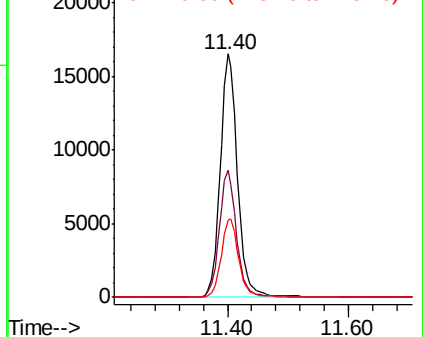
119 31.8 25.6 38.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056975.D

Acq: 30 Jul 2019 14:48

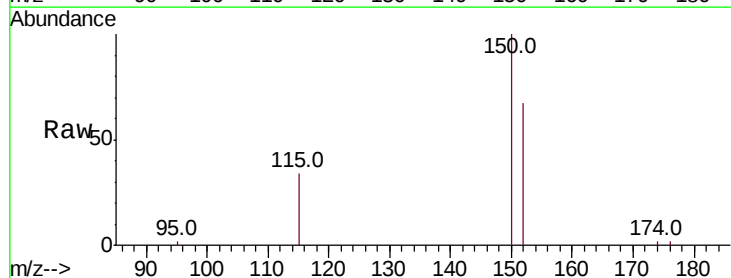
Tgt Ion:152 Resp: 4553

Ion Ratio Lower Upper

152 100

115 51.3 27.0 80.8

150 149.8 0.0 306.8



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

