

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057256.D
 Acq On : 13 Aug 2019 19:24
 Operator : JC/SP
 Sample : K4290-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP-1

Quant Time: Aug 14 12:21:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

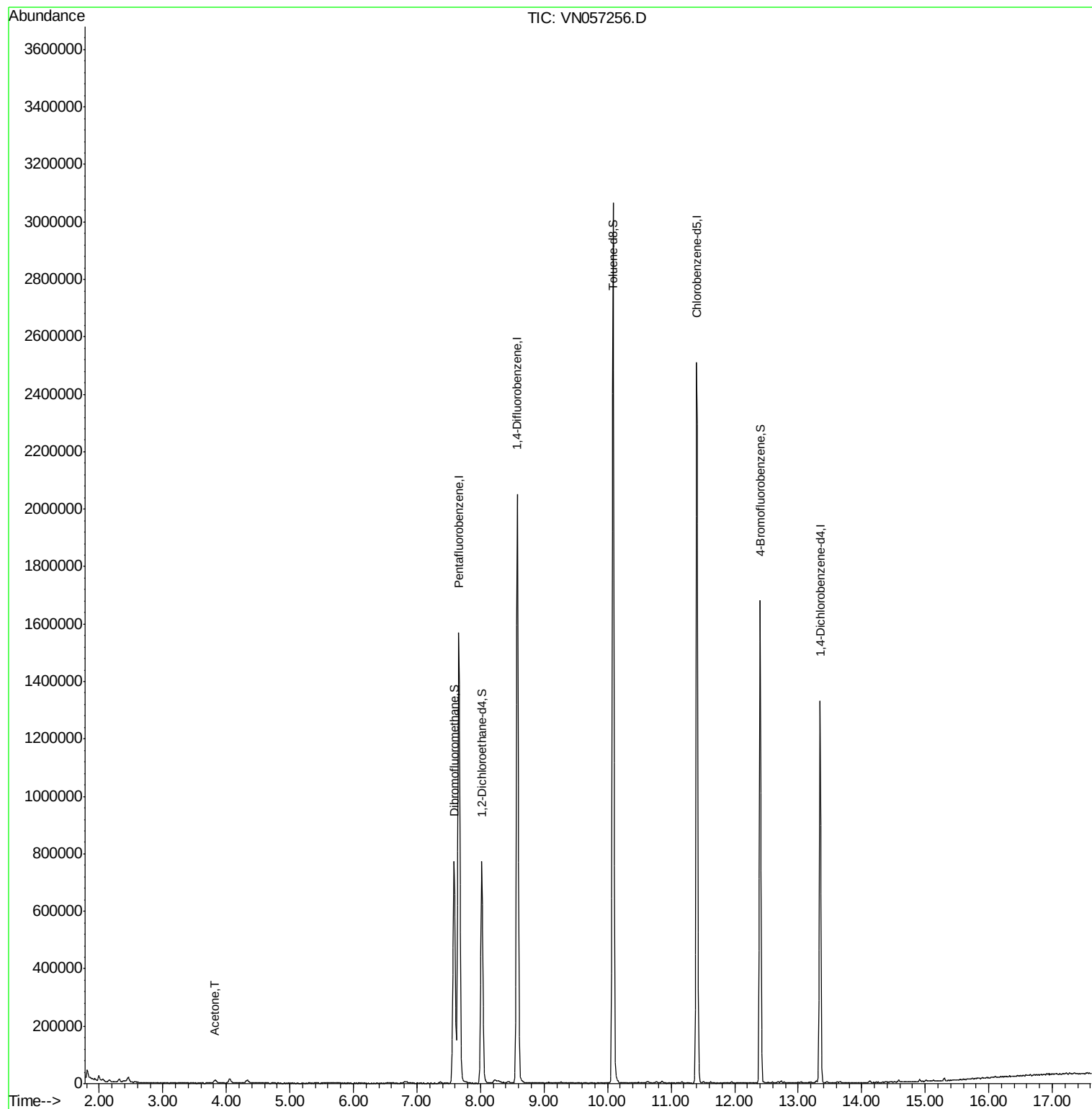
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1429581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1977981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1577791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	392551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	657706	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	7.58	113	593039	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	2243190	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	585774	37.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.16%	
Target Compounds						
16) Acetone	3.82	43	16614	3.360	ug/l	Qvalue 99

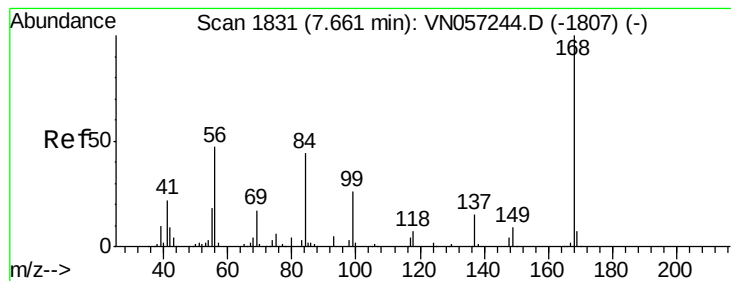
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057256.D

Acq: 13 Aug 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

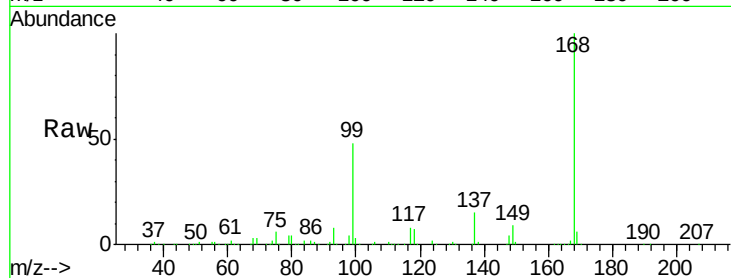
WP-1

Tot Ion:168 Resp: 1429581

Ion Ratio Lower Upper

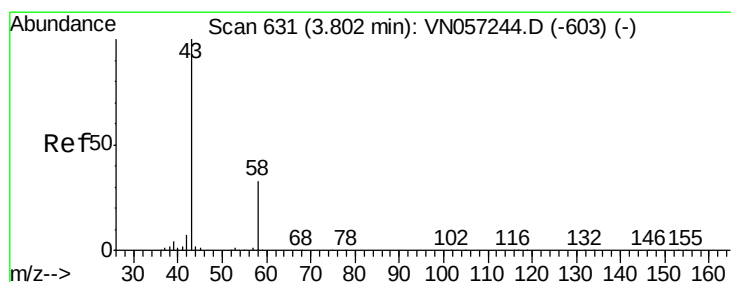
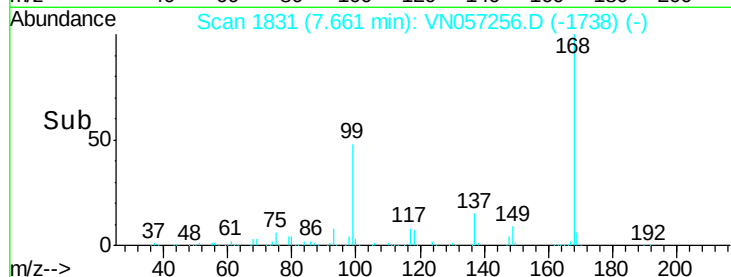
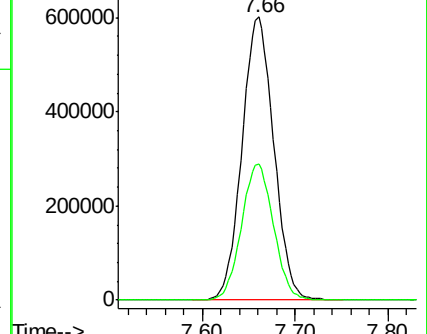
168 100

99 48.2 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.360 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.02 min

Lab File: VN057256.D

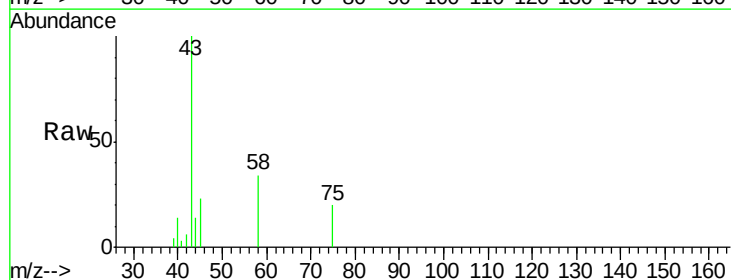
Acq: 13 Aug 2019 19:24

Tgt Ion: 43 Resp: 16614

Ion Ratio Lower Upper

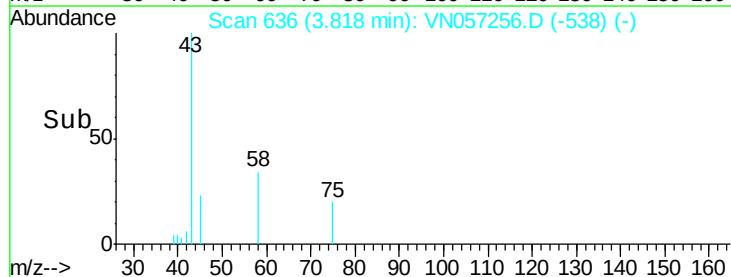
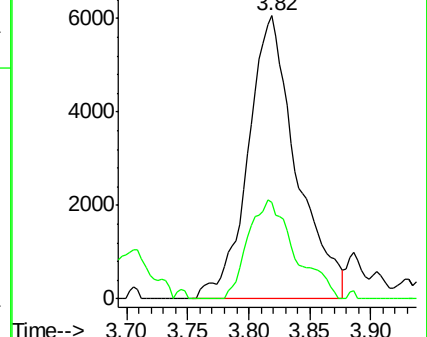
43 100

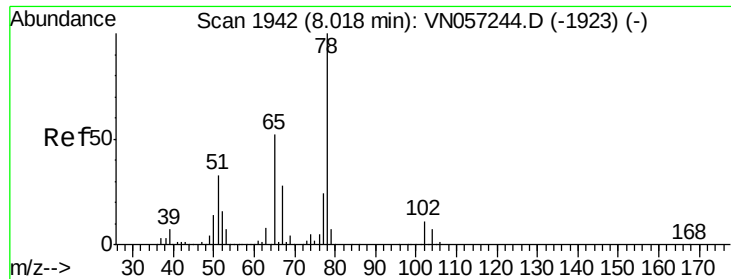
58 34.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

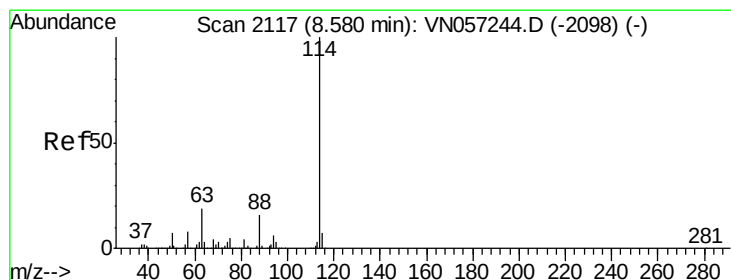
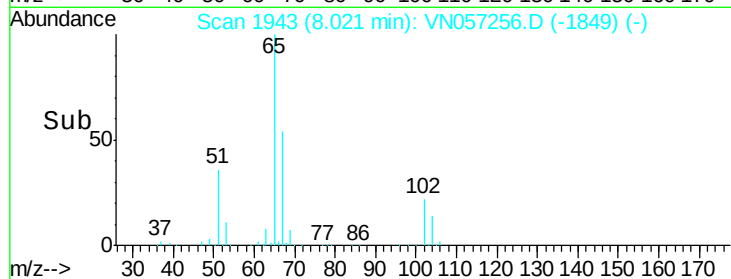
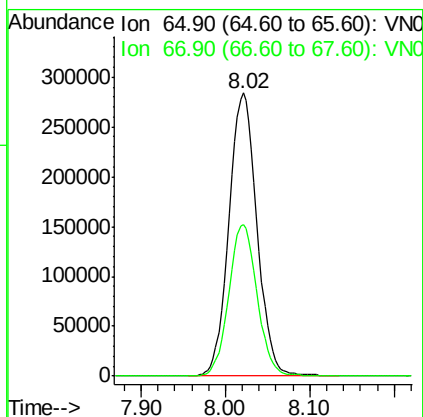
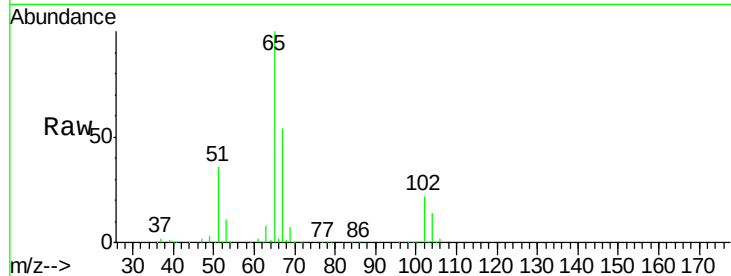




#33
 1,2-Dichloroethane-d4
 Concen: 45.607 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057256.D
 Acq: 13 Aug 2019 19:24

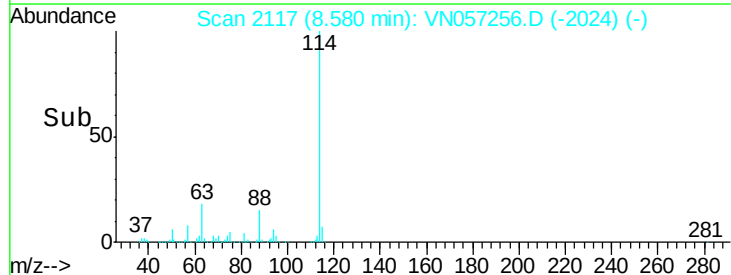
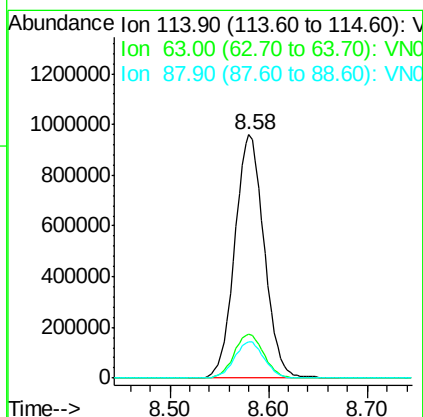
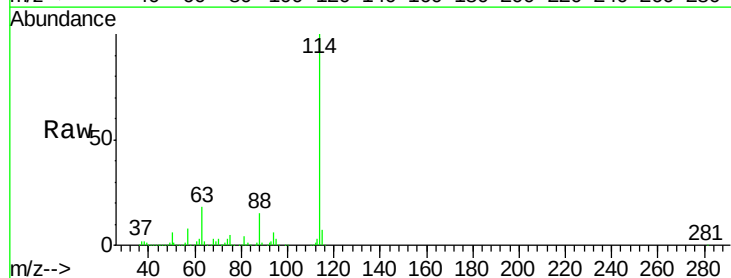
Instrument :
 MSVOA_N
 ClientSampled :
 WP-1

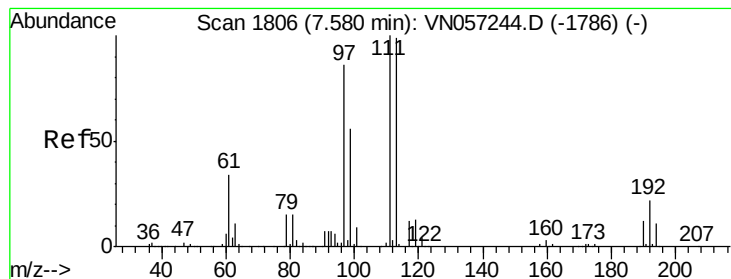
Tot Ion: 65 Resp: 657706
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057256.D
 Acq: 13 Aug 2019 19:24

Tgt Ion: 114 Resp: 1977981
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.0
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.956 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057256.D

Acq: 13 Aug 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

WP-1

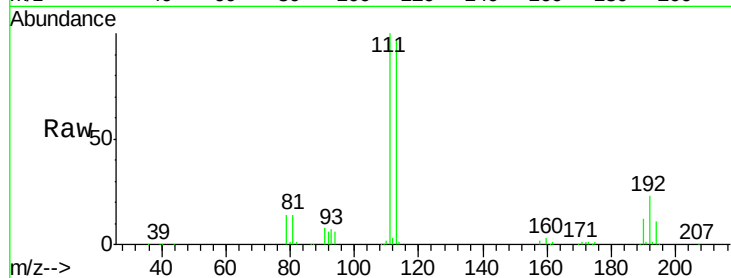
Tot Ion:113 Resp: 593039

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

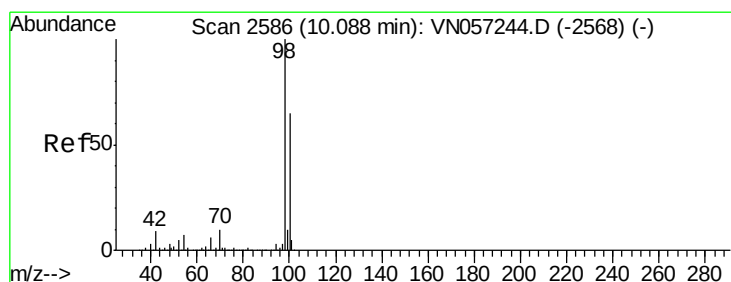
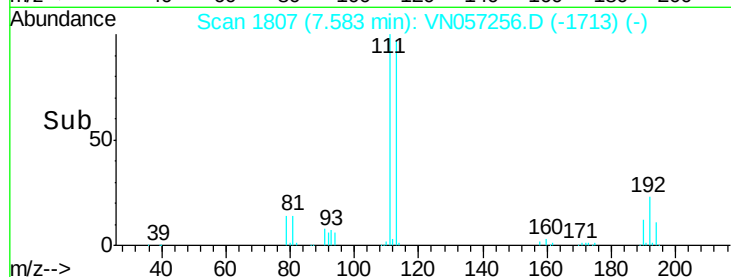
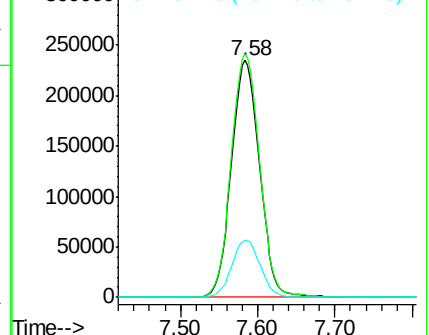
192 24.4 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 48.695 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057256.D

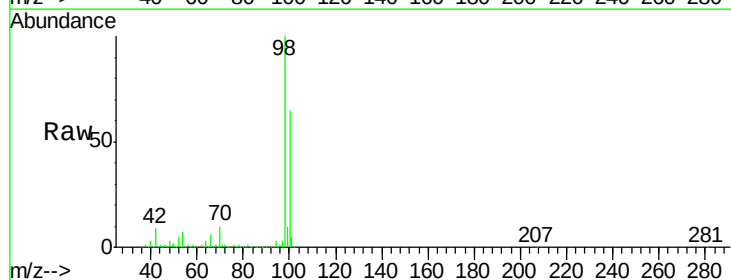
Acq: 13 Aug 2019 19:24

Tgt Ion: 98 Resp: 2243190

Ion Ratio Lower Upper

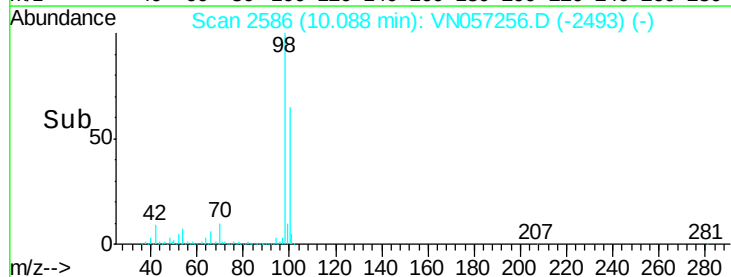
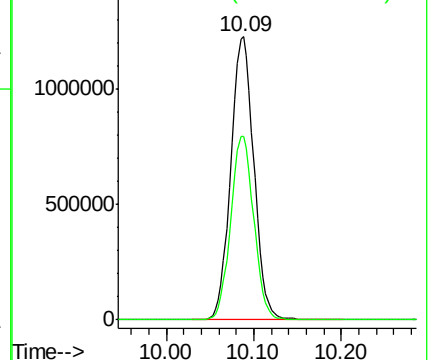
98 100

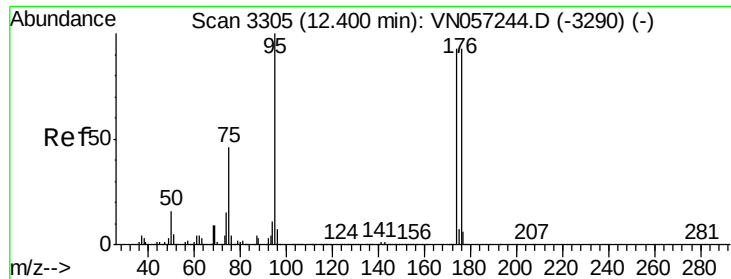
100 65.0 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.079 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057256.D

Acq: 13 Aug 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

WP-1

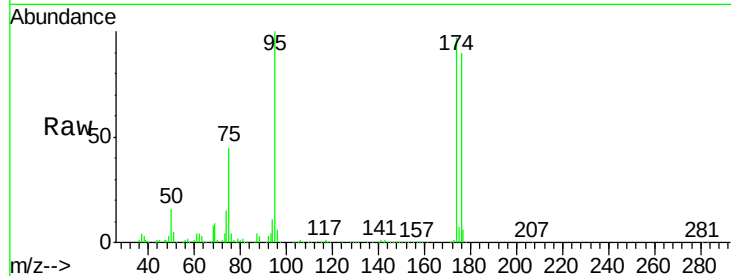
Tot Ion: 95 Resp: 585774

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.6

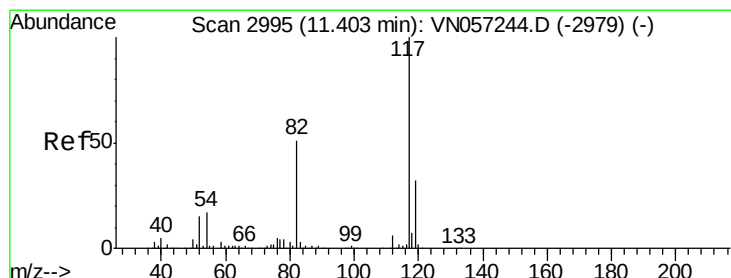
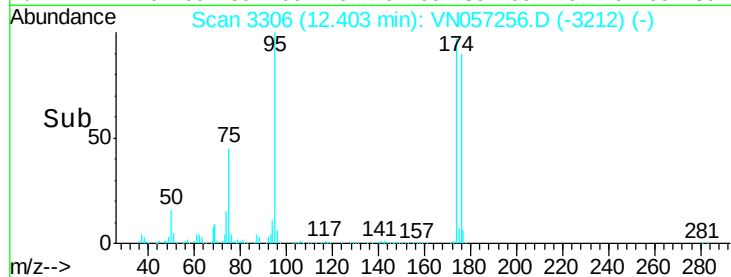
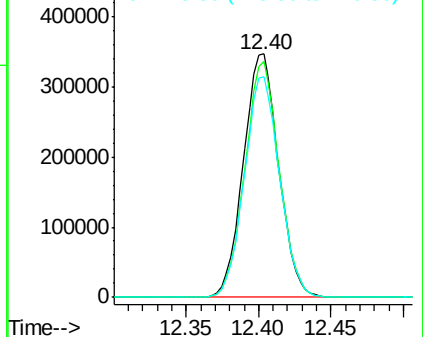
176 90.7 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057256.D

Acq: 13 Aug 2019 19:24

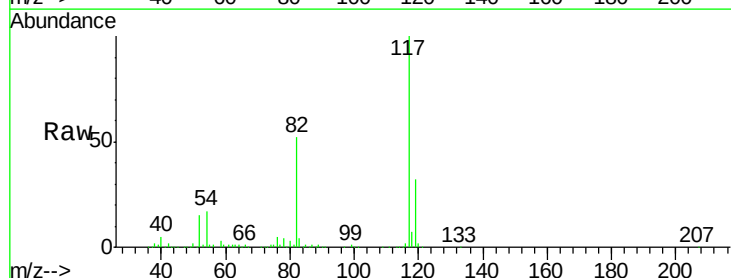
Tgt Ion: 117 Resp: 1577791

Ion Ratio Lower Upper

117 100

82 52.4 40.9 61.3

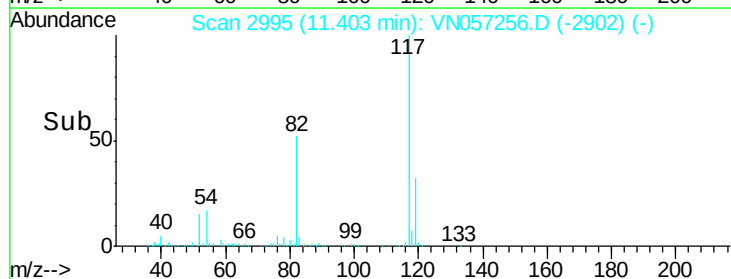
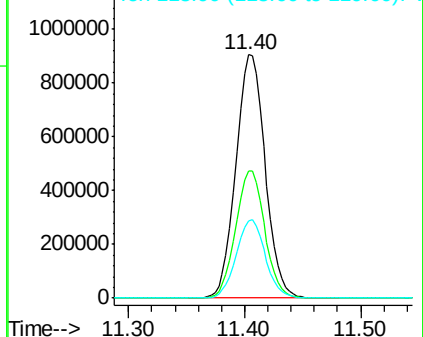
119 31.9 25.4 38.2

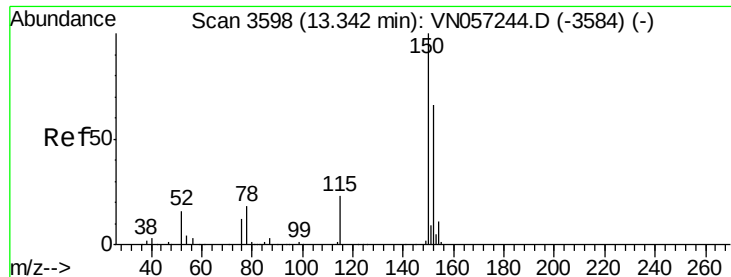


Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057244.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057244.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057256.D

Acq: 13 Aug 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

WP-1

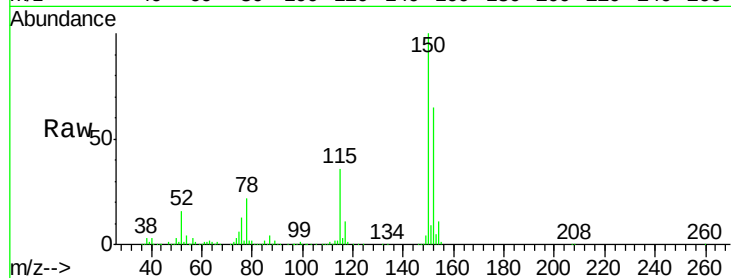
Tot Ion:152 Resp: 392551

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

150 157.4 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

