

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057423.D
 Acq On : 20 Aug 2019 1:38
 Operator : JC/SP
 Sample : K4386-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(2)

Quant Time: Aug 20 09:17:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

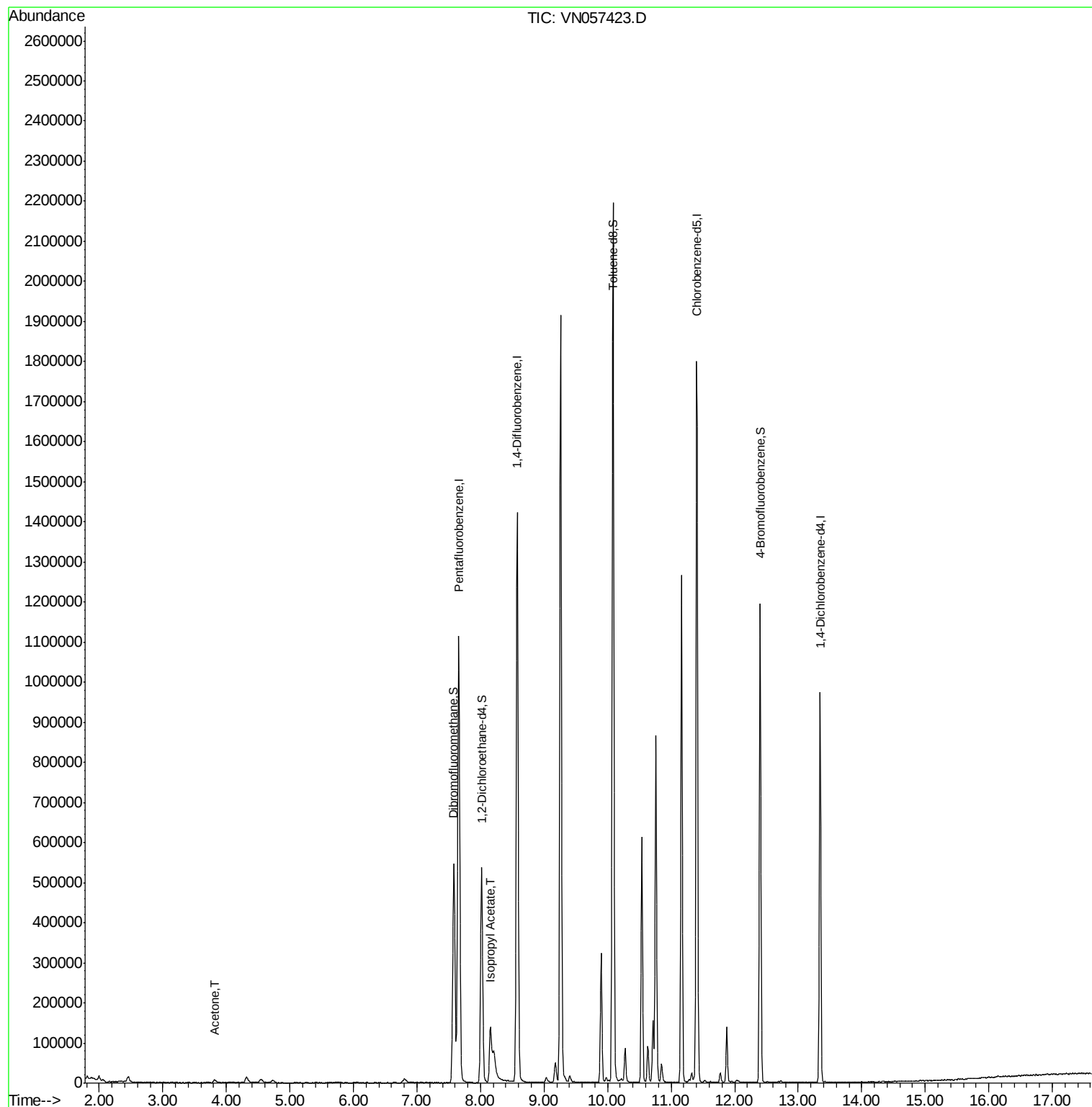
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1013105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1403655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1158818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	457296	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.04%	
35) Dibromofluoromethane	7.58	113	423450	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
50) Toluene-d8	10.09	98	1625346	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	413465	34.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.54%	
Target Compounds						
16) Acetone	3.81	43	11147	2.918	ug/l	90
43) Isopropyl Acetate	8.15	43	166949	8.047	ug/l #	85

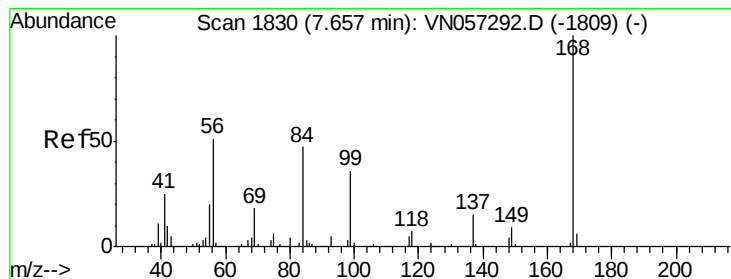
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampled :

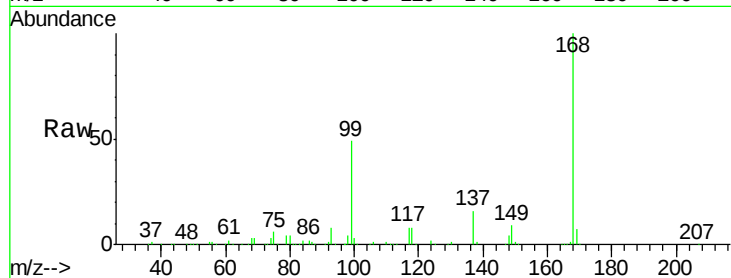
T8-E3-(2)

Tot Ion:168 Resp: 1013105

Ion Ratio Lower Upper

168 100

99 48.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

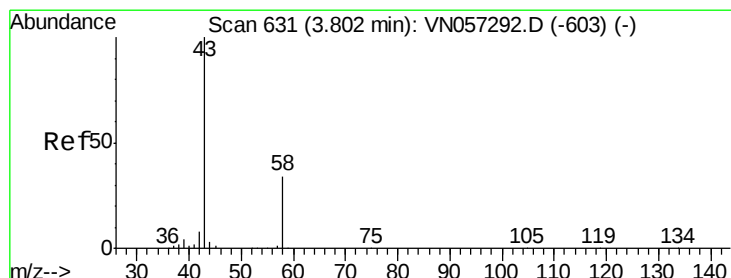
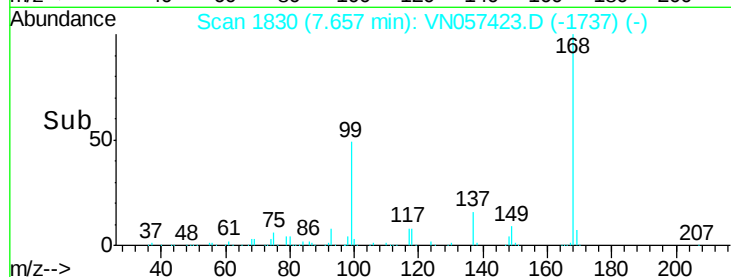
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.918 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057423.D

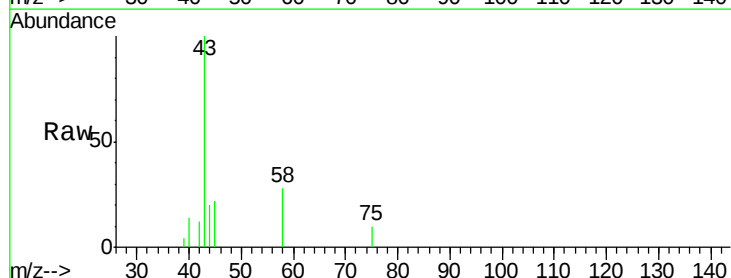
Acq: 20 Aug 2019 1:38

Tgt Ion: 43 Resp: 11147

Ion Ratio Lower Upper

43 100

58 28.0 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

4000

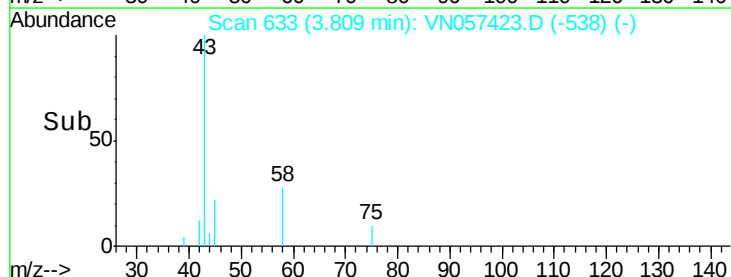
3000

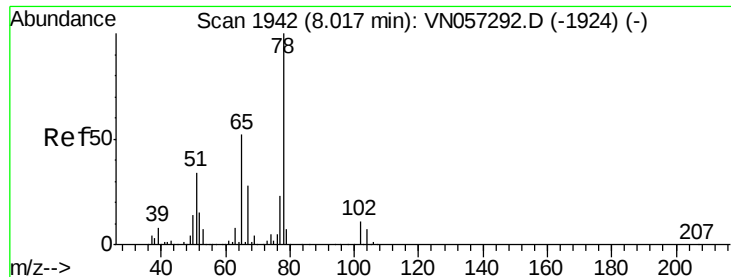
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.521 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

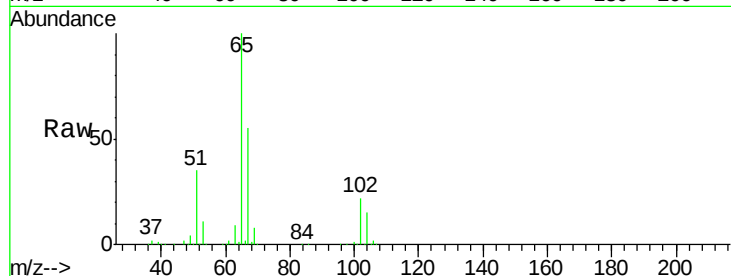
T8-E3-(2)

Tot Ion: 65 Resp: 457296

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057423.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057423.D (-1849) (-)

8.02

200000

150000

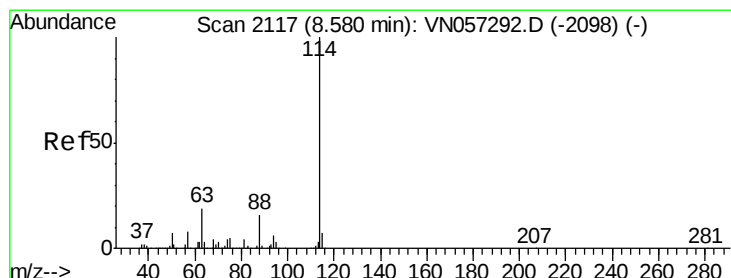
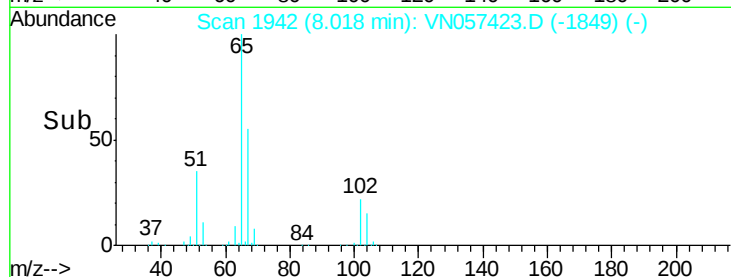
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

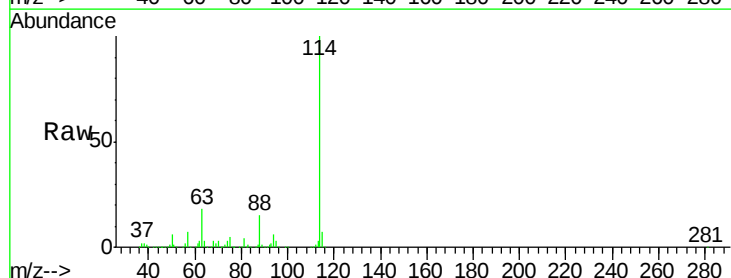
Tgt Ion: 114 Resp: 1403655

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057423.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057423.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057423.D (-2024) (-)

8.58

800000

600000

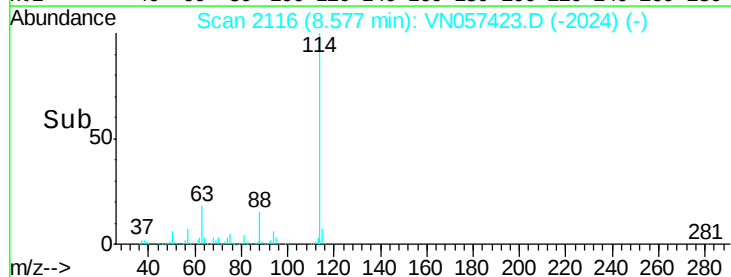
400000

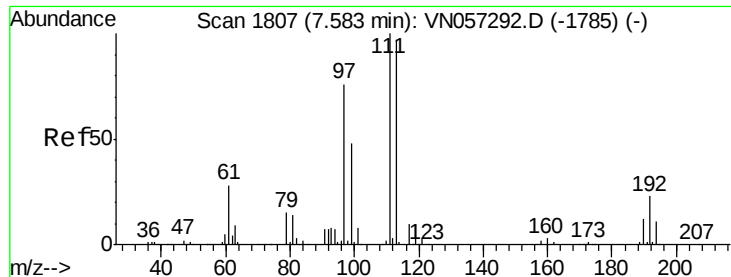
200000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 46.021 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(2)

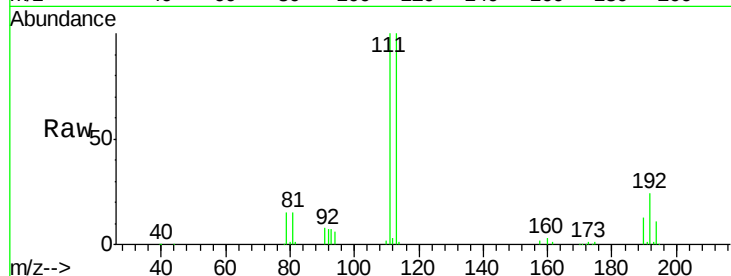
Tot Ion:113 Resp: 423450

Ion Ratio Lower Upper

113 100

111 100.7 82.1 123.1

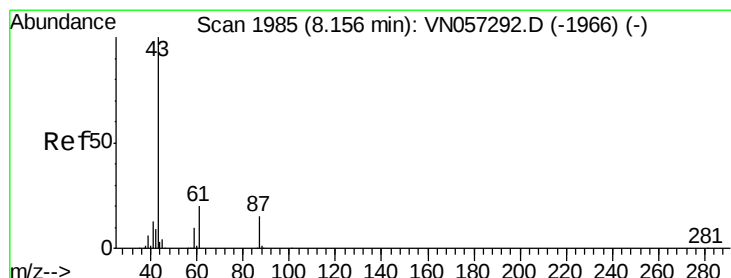
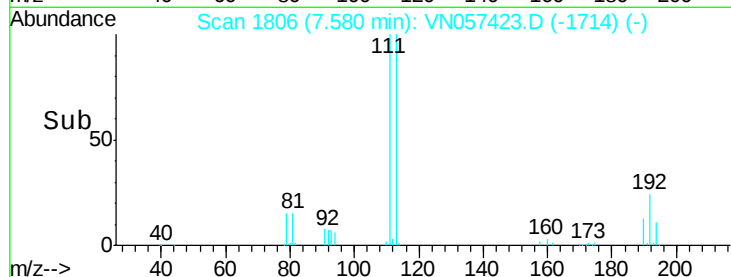
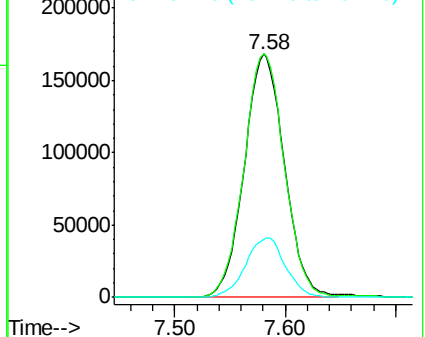
192 24.3 19.3 28.9



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



#43

Isopropyl Acetate

Concen: 8.047 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

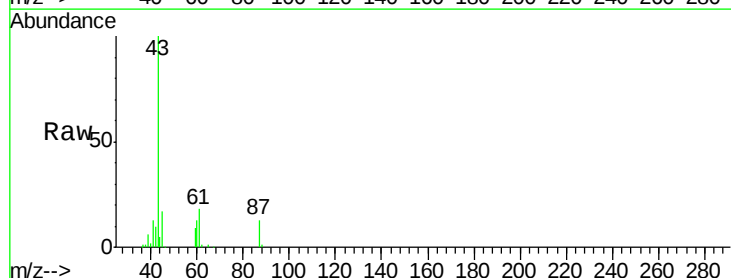
Tgt Ion: 43 Resp: 166949

Ion Ratio Lower Upper

43 100

61 17.3 21.6 32.4#

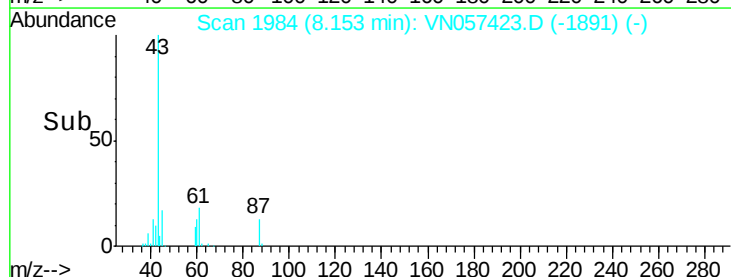
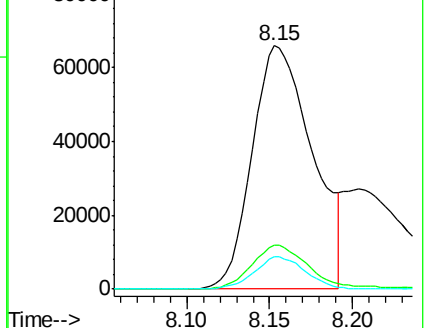
87 11.3 11.4 17.0#

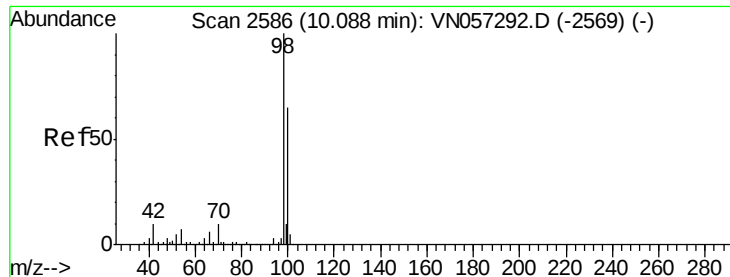


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.296 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

Instrument :

MSVOA_N

ClientSampled :

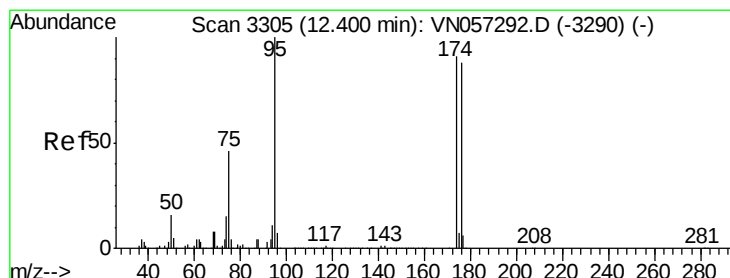
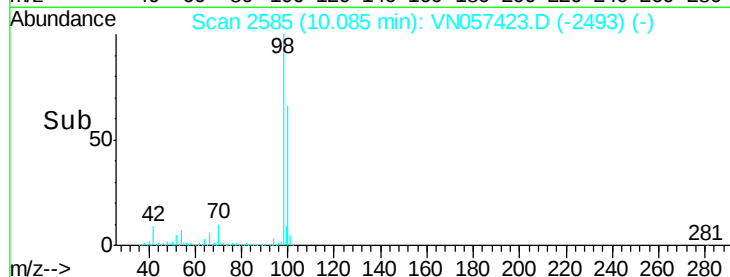
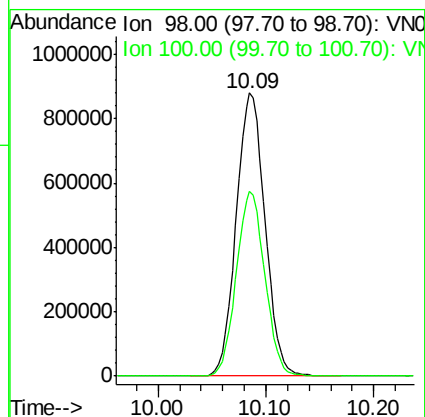
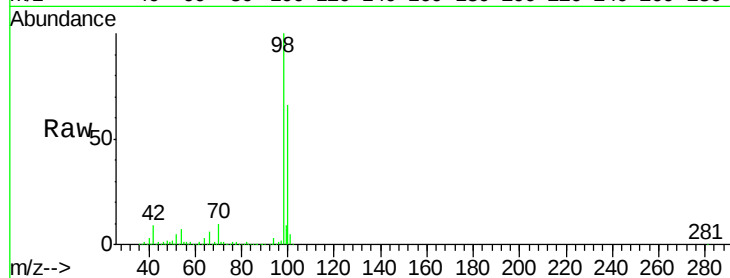
T8-E3-(2)

Tot Ion: 98 Resp: 1625346

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 34.765 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057423.D

Acq: 20 Aug 2019 1:38

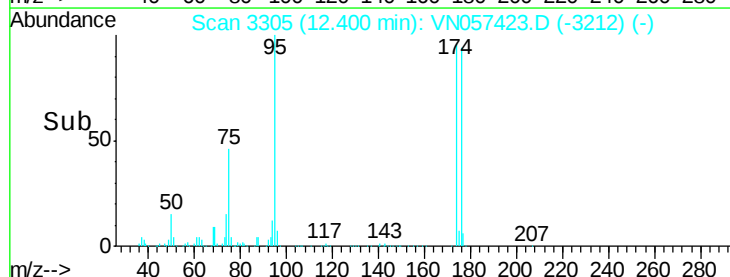
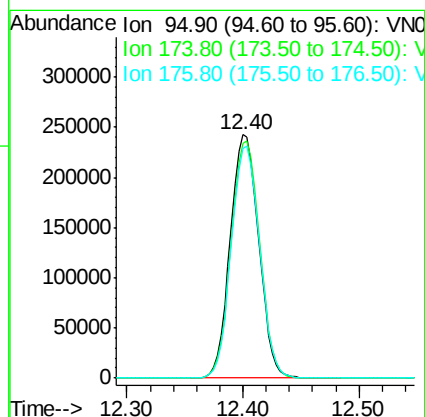
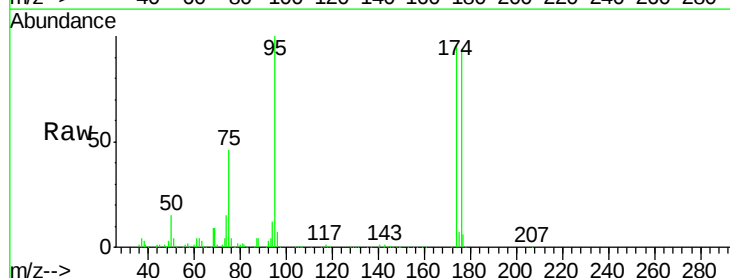
Tgt Ion: 95 Resp: 413465

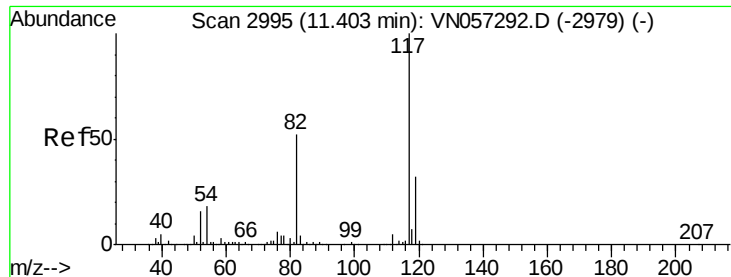
Ion Ratio Lower Upper

95 100

174 97.8 0.0 185.0

176 94.8 0.0 181.0

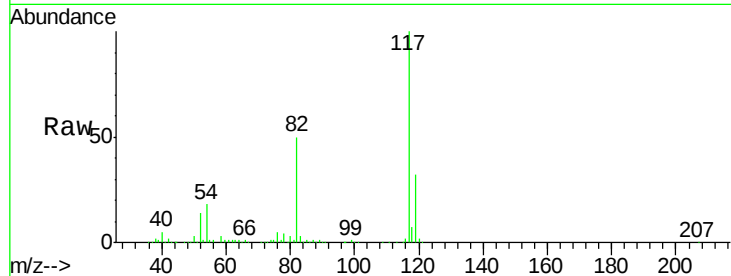




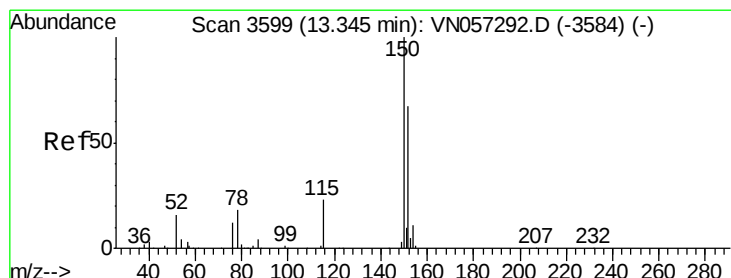
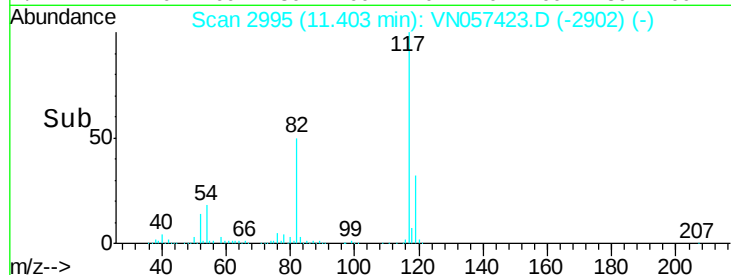
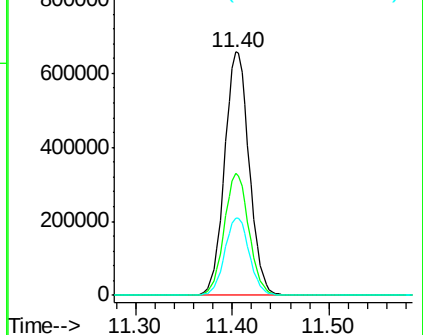
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

Instrument :
MSVOA_N
ClientSampled :
T8-E3-(2)

Tot Ion:117 Resp: 1158818
Ion Ratio Lower Upper
117 100
82 50.1 41.2 61.8
119 31.7 25.8 38.8

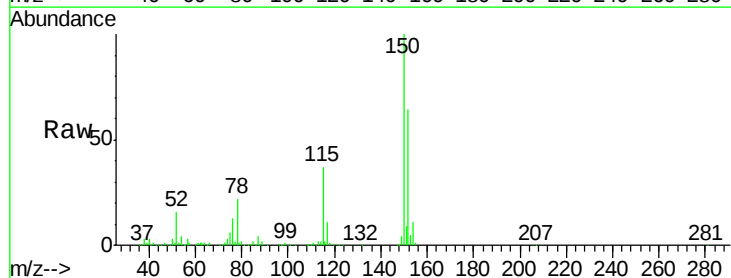


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057423.D
Acq: 20 Aug 2019 1:38

Tgt Ion:152 Resp: 289054
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 155.6 0.0 344.4



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

