

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057431.D
 Acq On : 20 Aug 2019 4:52
 Operator : JC/SP
 Sample : K4386-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(2)

Quant Time: Aug 20 09:36:25 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

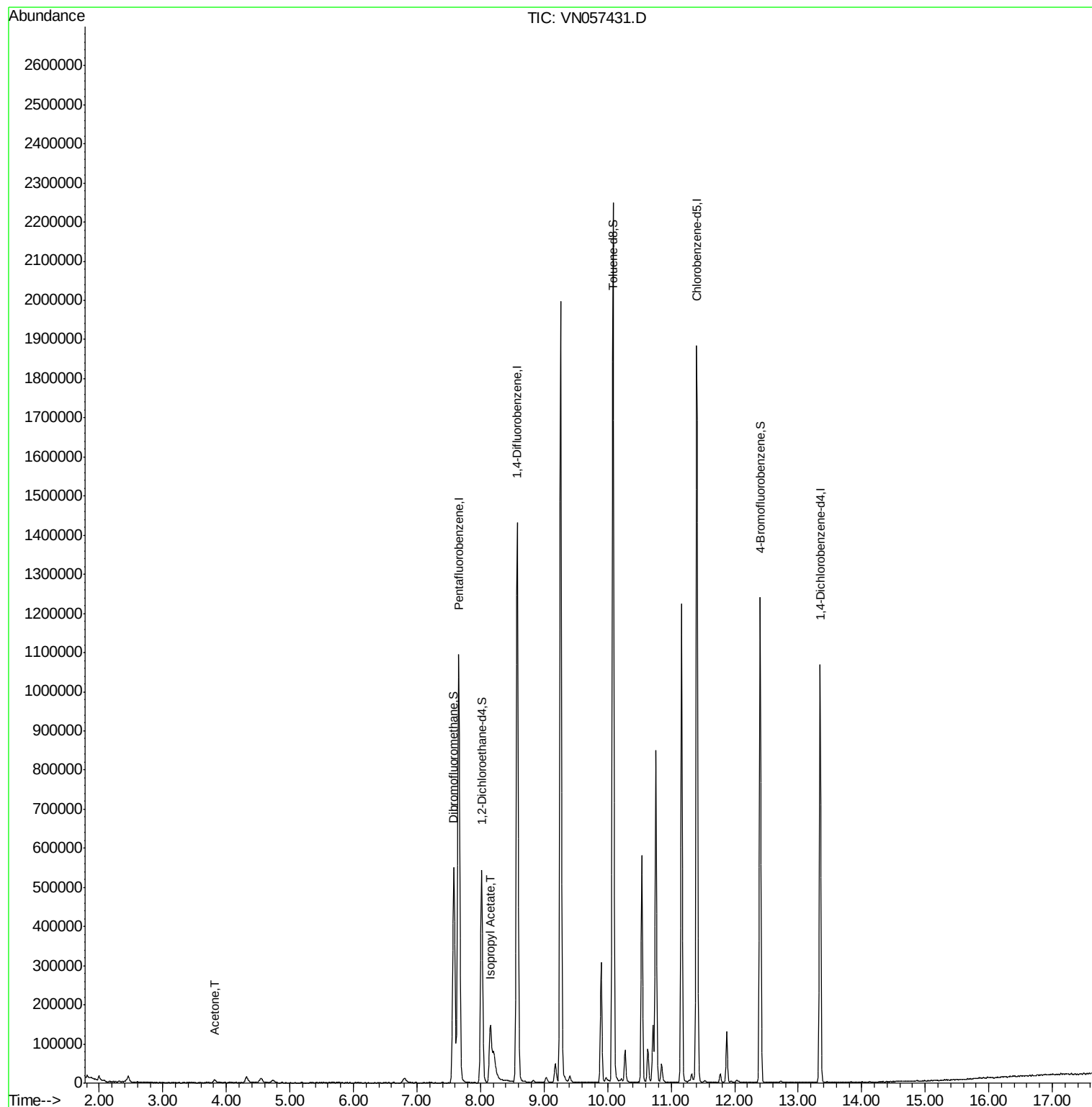
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1013142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1410167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1185752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	470671	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
35) Dibromofluoromethane	7.58	113	428136	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
50) Toluene-d8	10.09	98	1610413	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	12.40	95	440886	36.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.80%	
Target Compounds						
16) Acetone	3.81	43	10953	2.867	ug/l	90
43) Isopropyl Acetate	8.16	43	270631	13.692	ug/l #	72

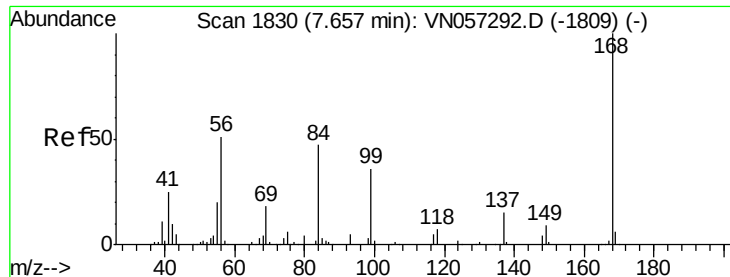
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057431.D

Acq: 20 Aug 2019 4:52

Instrument :

MSVOA_N

ClientSampleId :

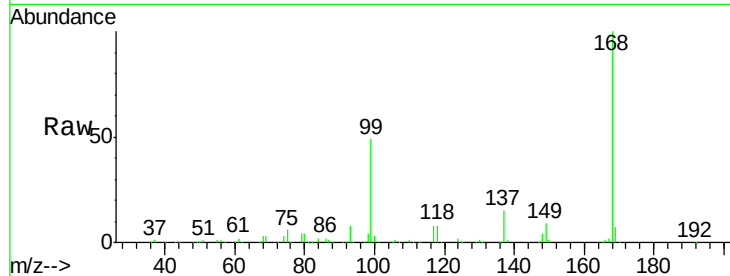
T6-A1-(2)

Tot Ion:168 Resp: 1013142

Ion Ratio Lower Upper

168 100

99 48.5 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

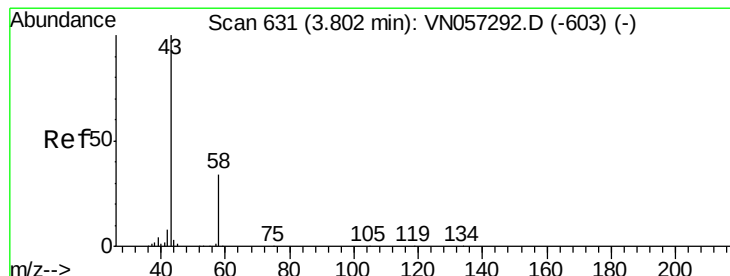
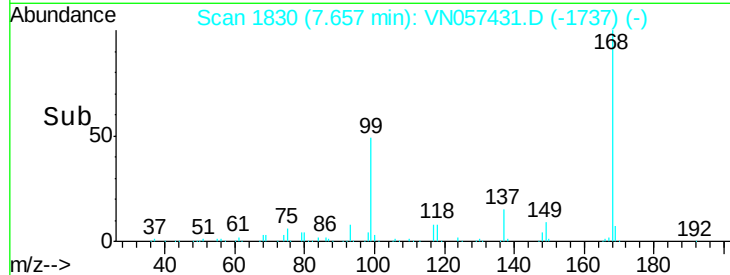
Time-->

7.50

7.60

7.70

7.80



#16

Acetone

Concen: 2.867 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057431.D

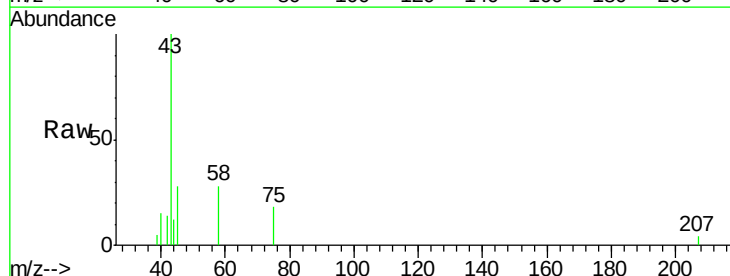
Acq: 20 Aug 2019 4:52

Tgt Ion: 43 Resp: 10953

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

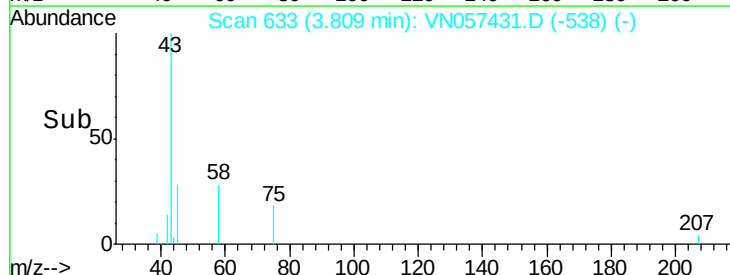
Time-->

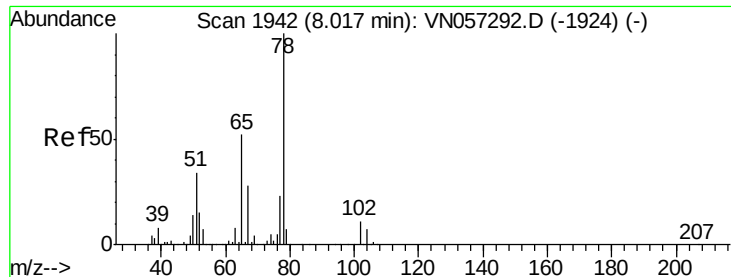
3.75

3.80

3.85

3.90

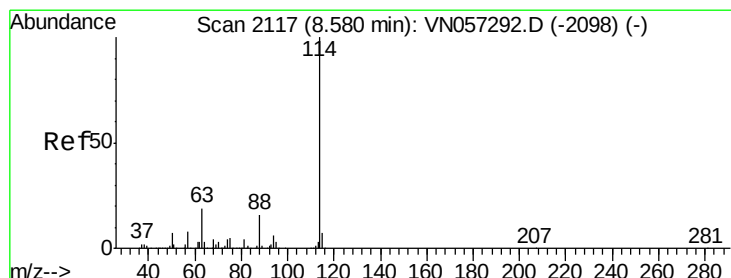
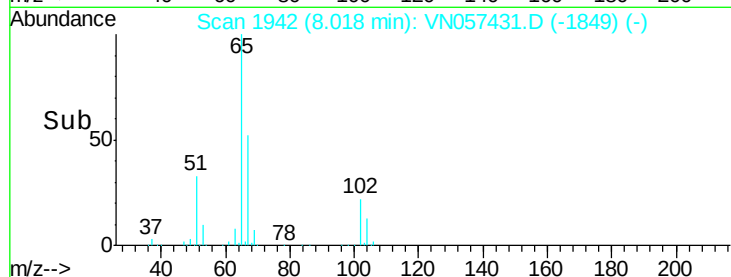
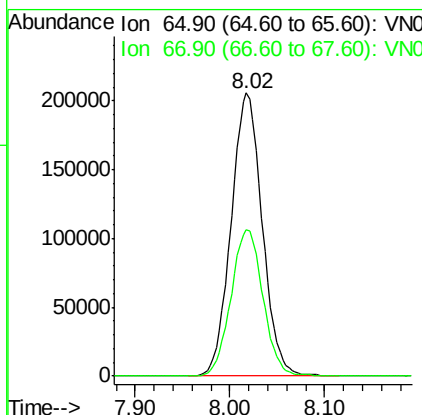
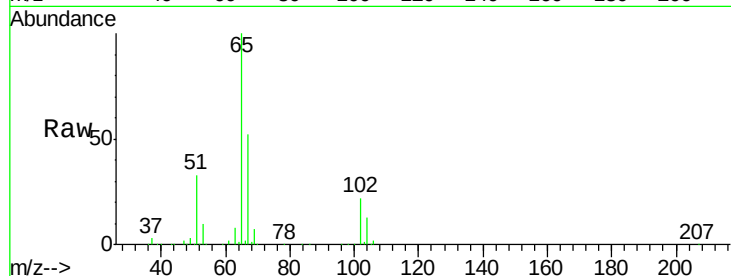




#33
 1,2-Dichloroethane-d4
 Concen: 42.734 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057431.D
 Acq: 20 Aug 2019 4:52

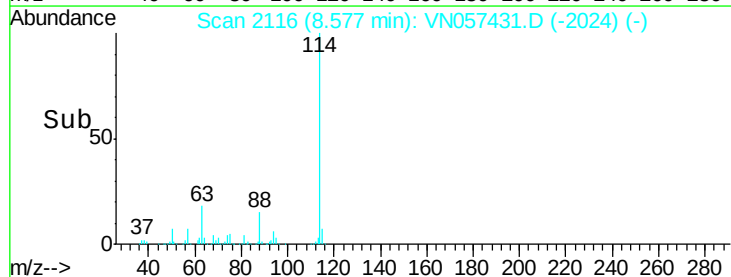
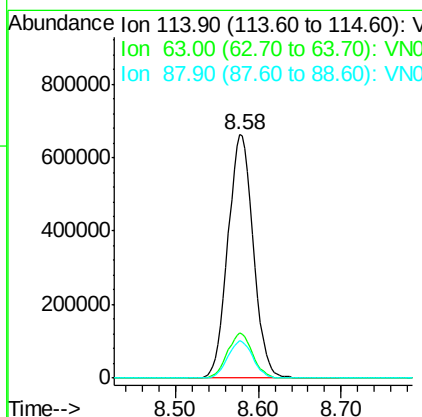
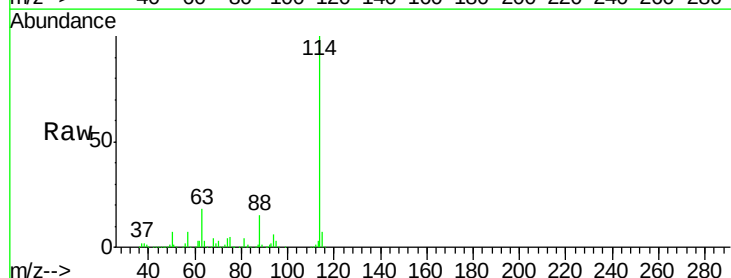
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(2)

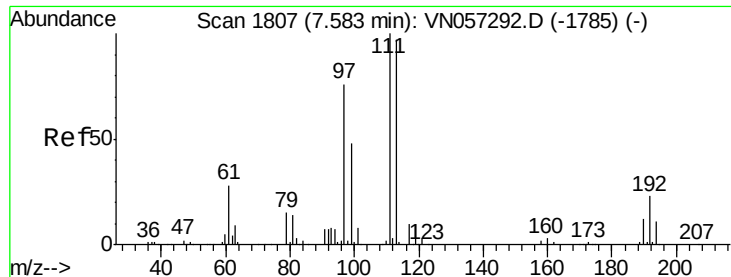
Tot Ion: 65 Resp: 470671
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057431.D
 Acq: 20 Aug 2019 4:52

Tgt Ion: 114 Resp: 1410167
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.315 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057431.D

Acq: 20 Aug 2019 4:52

Instrument :

MSVOA_N

ClientSampleId :

T6-A1-(2)

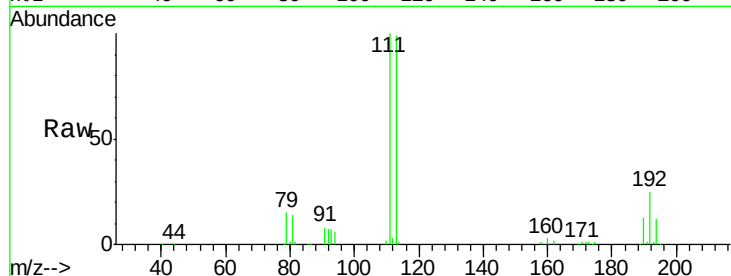
Tot Ion:113 Resp: 428136

Ion Ratio Lower Upper

113 100

111 100.4 82.1 123.1

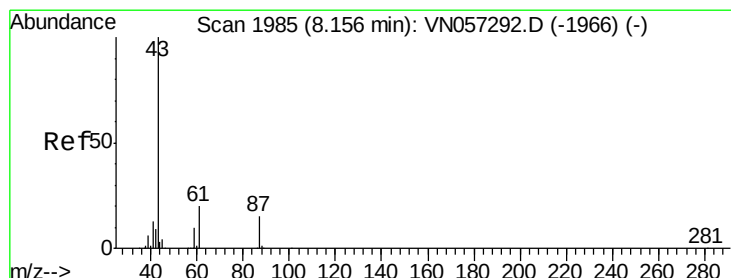
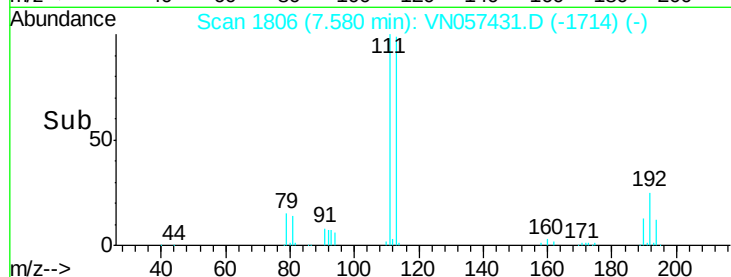
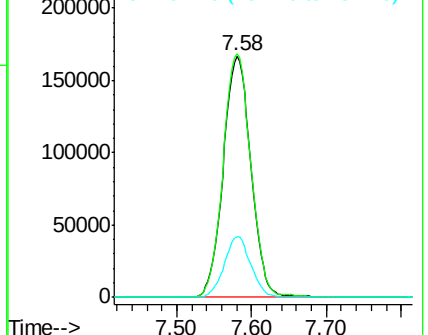
192 24.2 19.3 28.9



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: 13.692 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057431.D

Acq: 20 Aug 2019 4:52

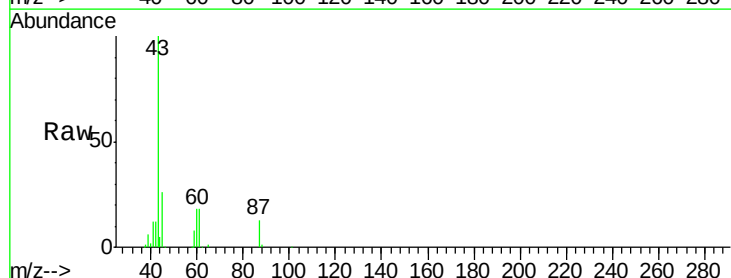
Tgt Ion: 43 Resp: 270631

Ion Ratio Lower Upper

43 100

61 10.1 21.6 32.4#

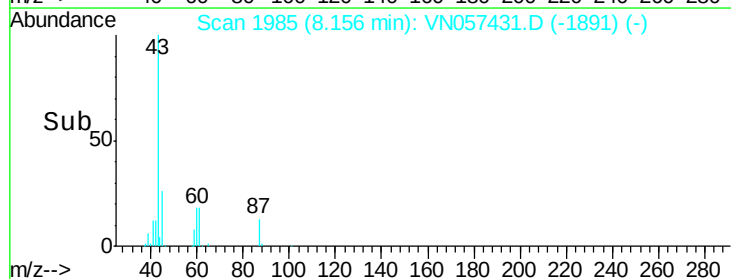
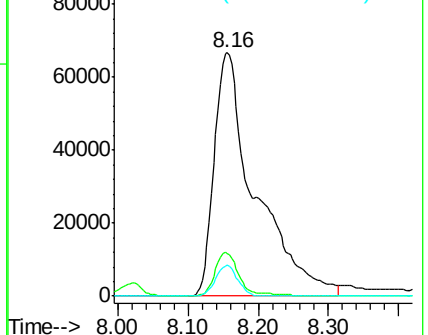
87 6.8 11.4 17.0#

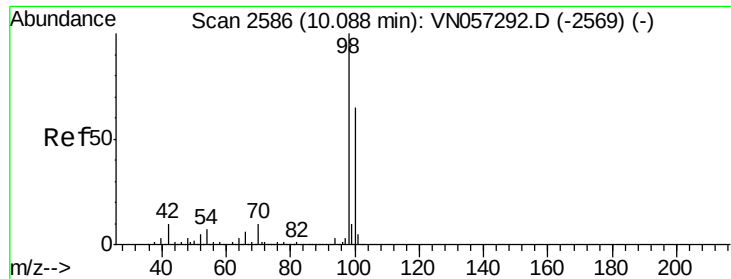


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 47.631 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057431.D

Acq: 20 Aug 2019 4:52

Instrument :

MSVOA_N

ClientSampled :

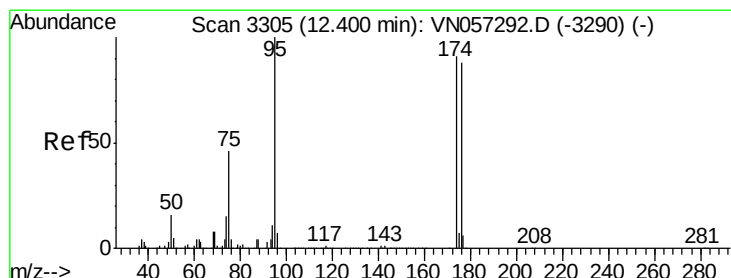
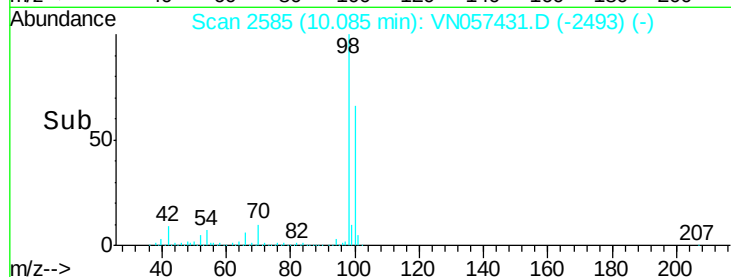
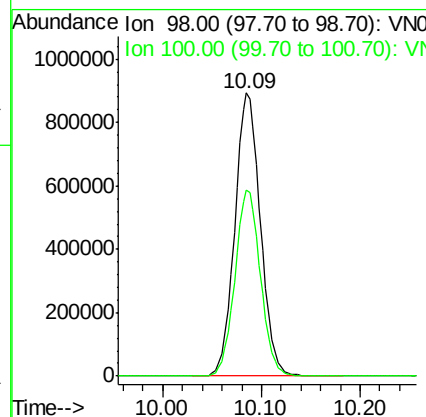
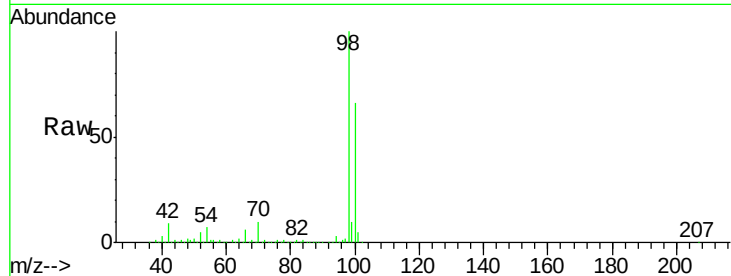
T6-A1-(2)

Tot Ion: 98 Resp: 1610413

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.900 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057431.D

Acq: 20 Aug 2019 4:52

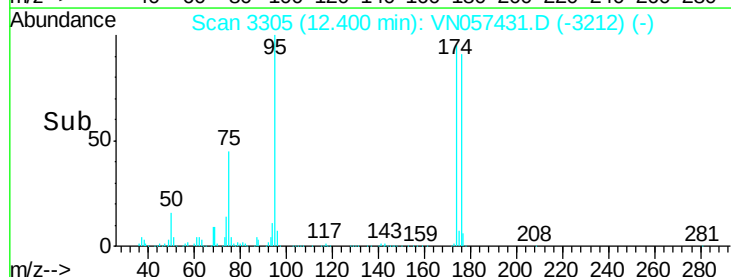
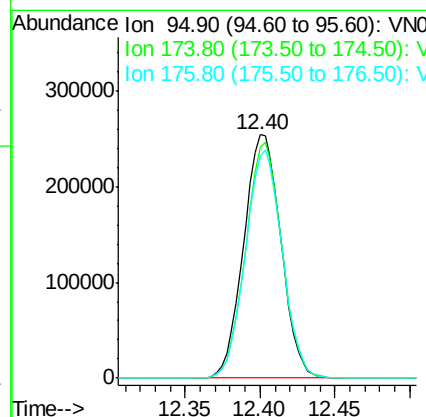
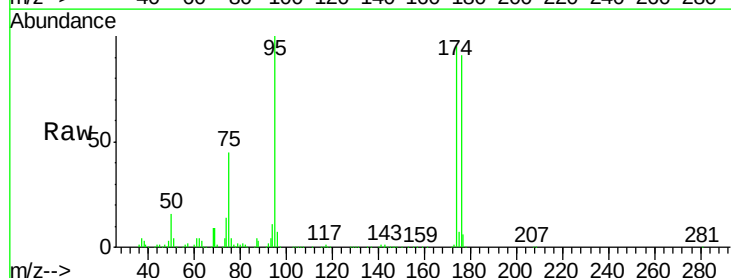
Tgt Ion: 95 Resp: 440886

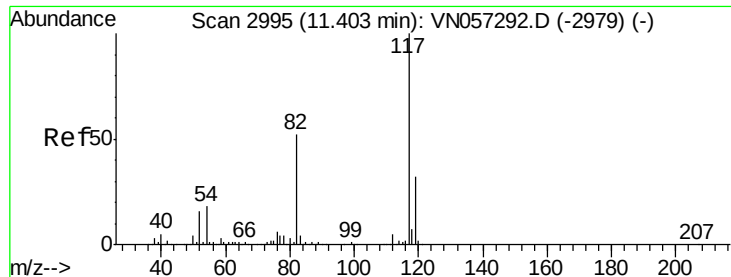
Ion Ratio Lower Upper

95 100

174 94.1 0.0 185.0

176 92.3 0.0 181.0

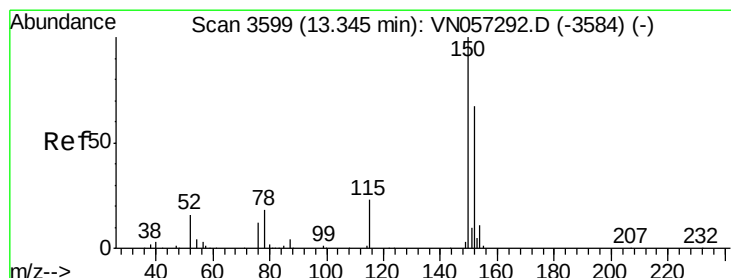
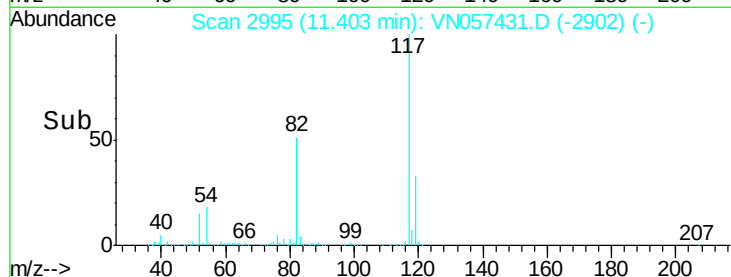
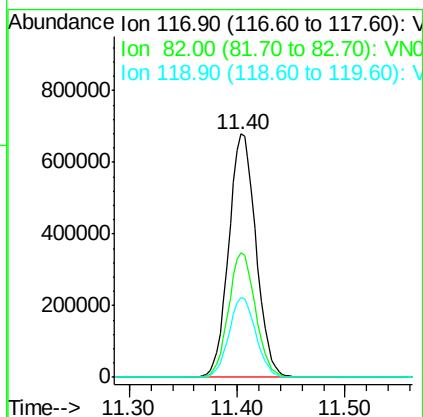
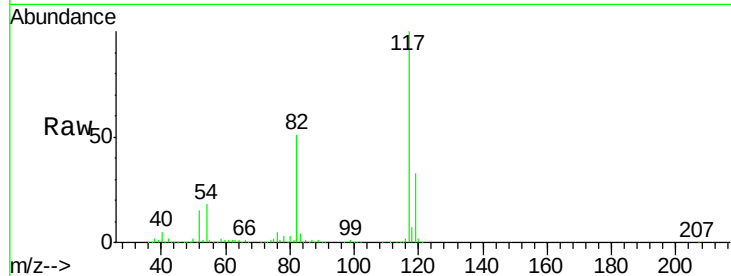




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057431.D
Acq: 20 Aug 2019 4:52

Instrument :
MSVOA_N
ClientSampled :
T6-A1-(2)

Tot Ion:117 Resp: 1185752
Ion Ratio Lower Upper
117 100
82 51.2 41.2 61.8
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057431.D
Acq: 20 Aug 2019 4:52

Tgt Ion:152 Resp: 320763
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 155.5 0.0 344.4

