

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057421.D
 Acq On : 20 Aug 2019 00:49
 Operator : JC/SP
 Sample : K4386-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E1-(2)

Quant Time: Aug 20 09:12:40 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

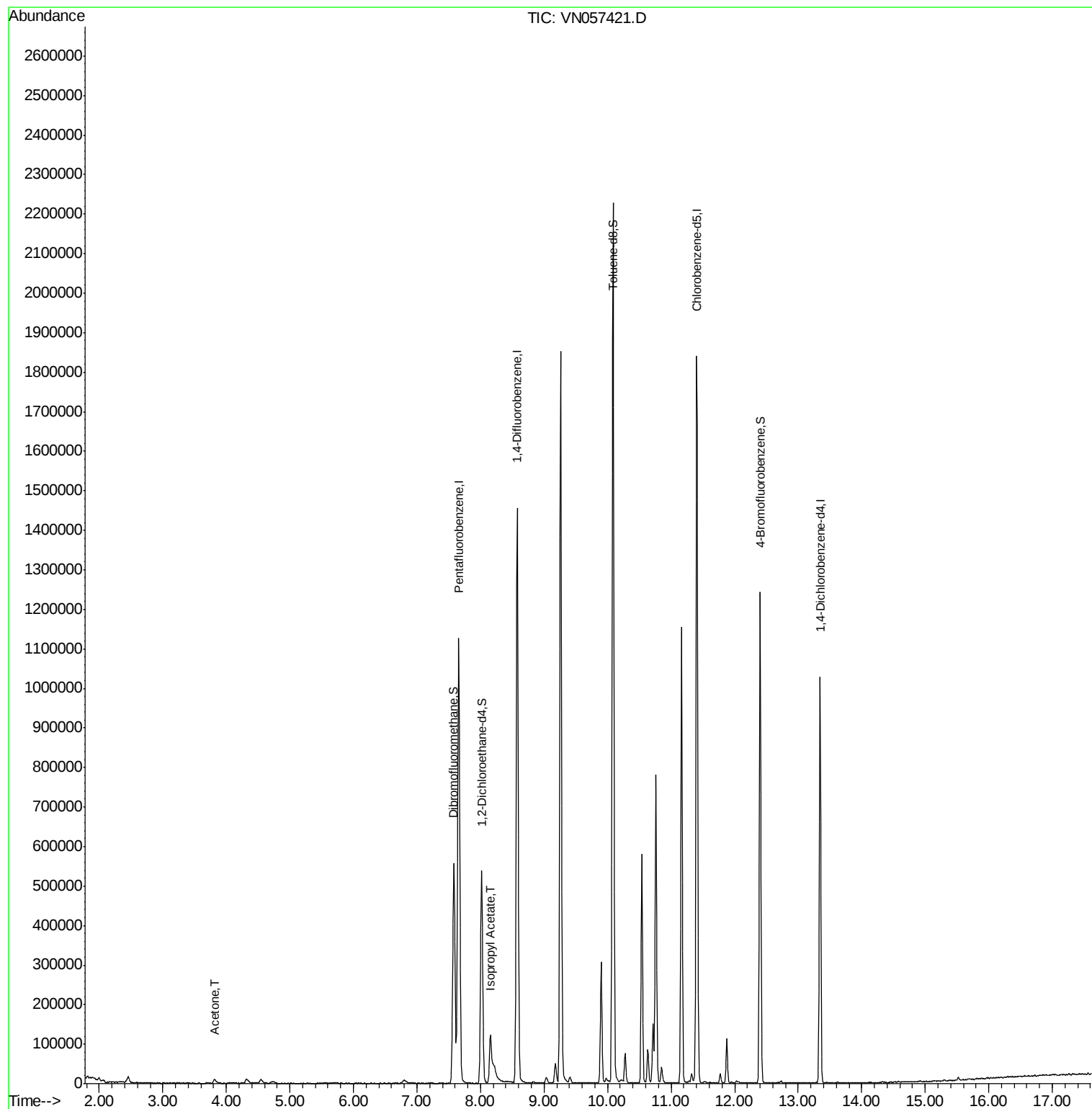
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1037414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1429310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1172037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	472138	41.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.72%	
35) Dibromofluoromethane	7.58	113	430782	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
50) Toluene-d8	10.09	98	1640047	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.40	95	428513	35.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.76%	
Target Compounds						
16) Acetone	3.81	43	12512	3.198	ug/l	96
43) Isopropyl Acetate	8.16	43	203427	9.856	ug/l #	78

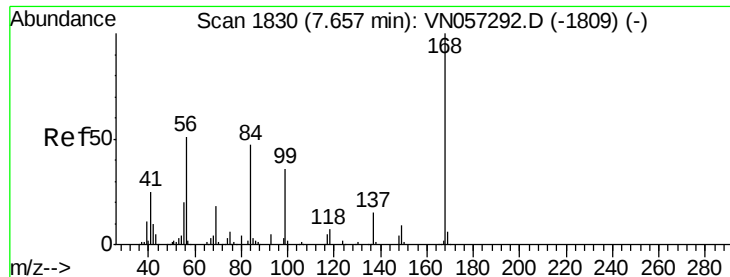
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

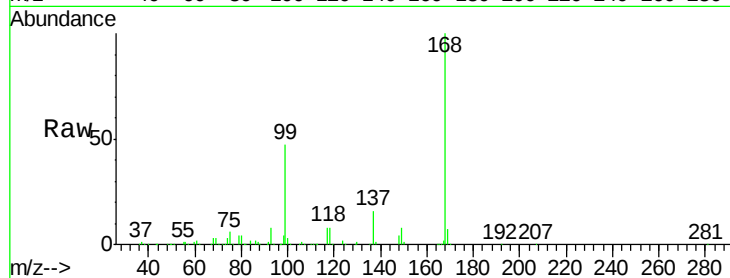
T8-E1-(2)

Tot Ion:168 Resp: 1037414

Ion Ratio Lower Upper

168 100

99 47.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

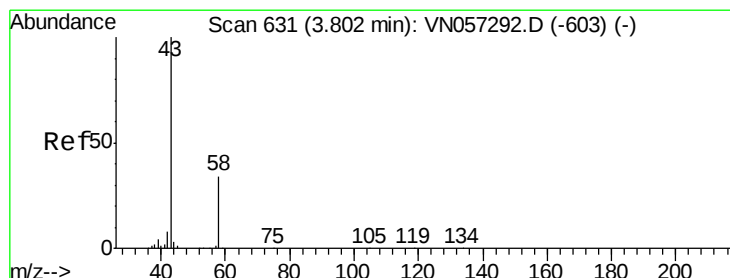
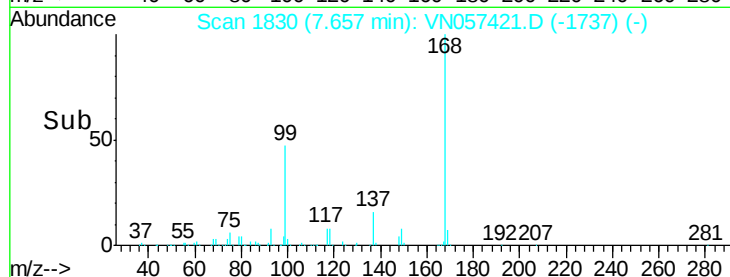
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 3.198 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057421.D

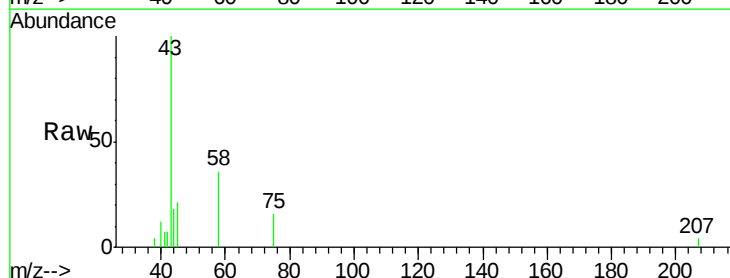
Acq: 20 Aug 2019 00:49

Tgt Ion: 43 Resp: 12512

Ion Ratio Lower Upper

43 100

58 36.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

5000

4000

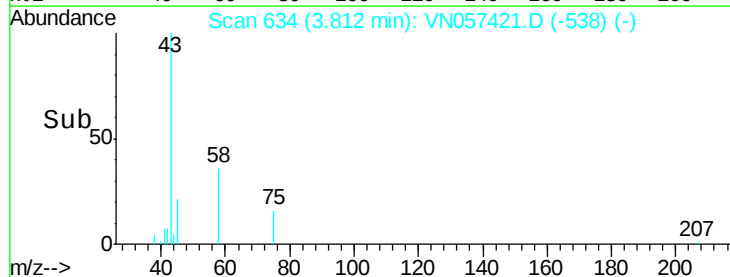
3000

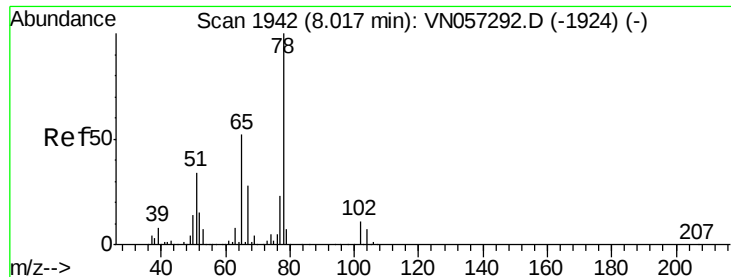
2000

1000

0

Time--> 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 41.864 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

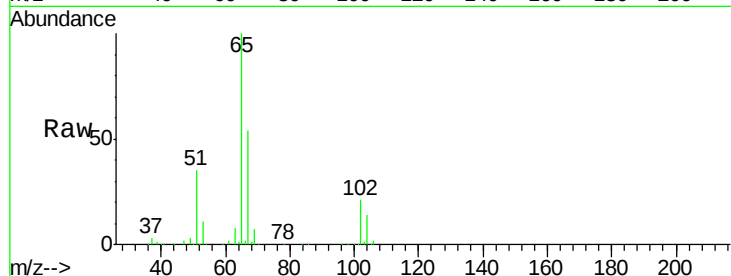
T8-E1-(2)

Tot Ion: 65 Resp: 472138

Ion Ratio Lower Upper

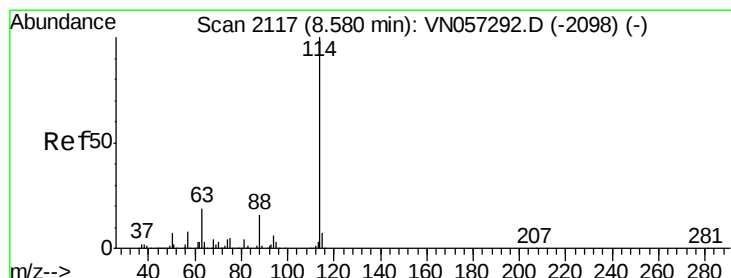
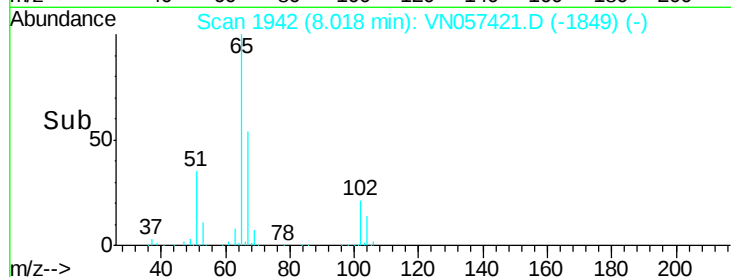
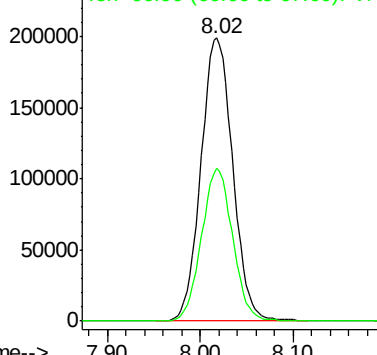
65 100

67 52.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

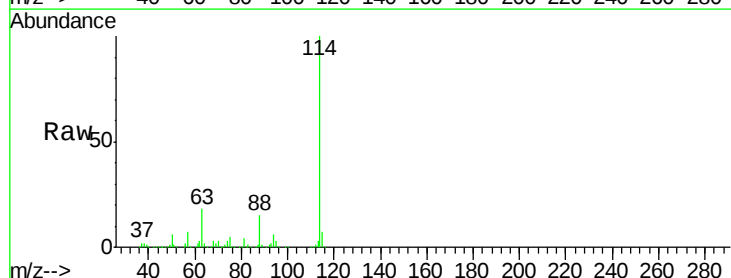
Tgt Ion: 114 Resp: 1429310

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.8

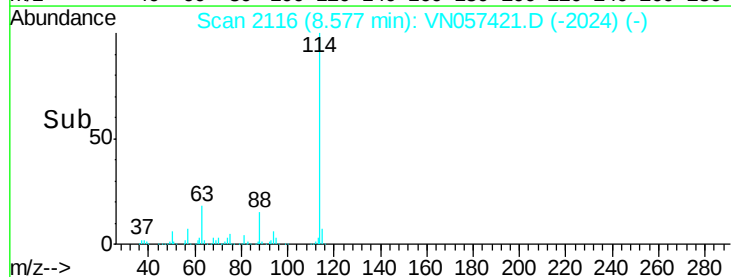
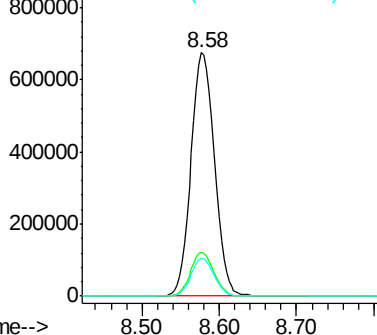
88 15.5 0.0 31.4

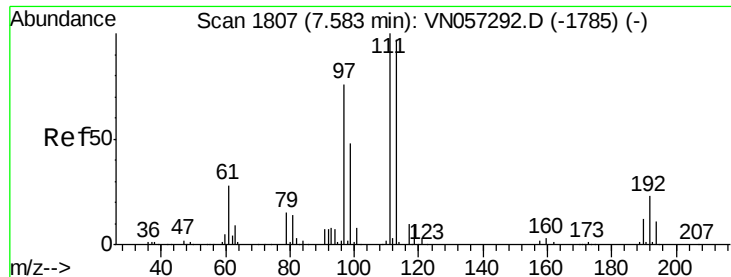


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

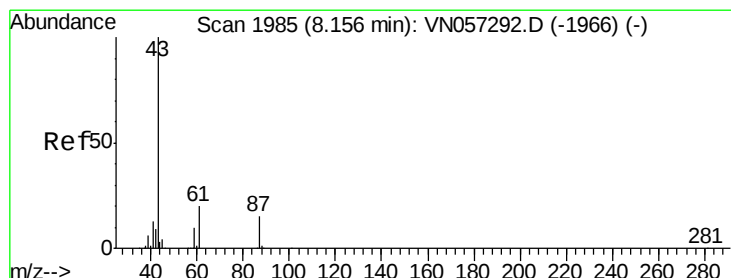
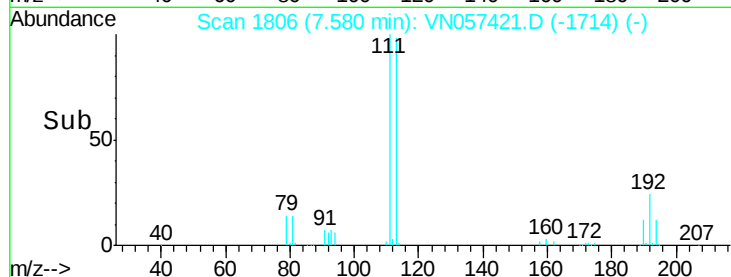
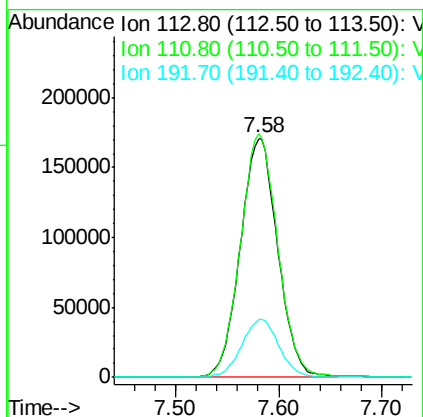
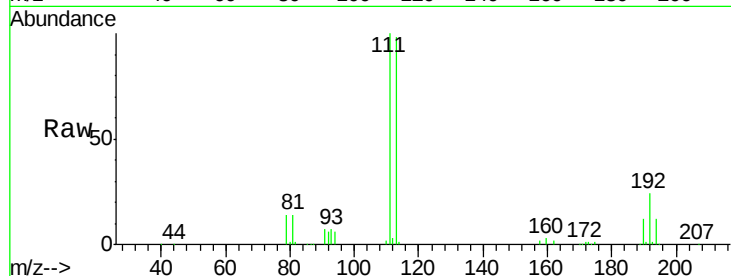




#35
Dibromofluoromethane
Concen: 45.977 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

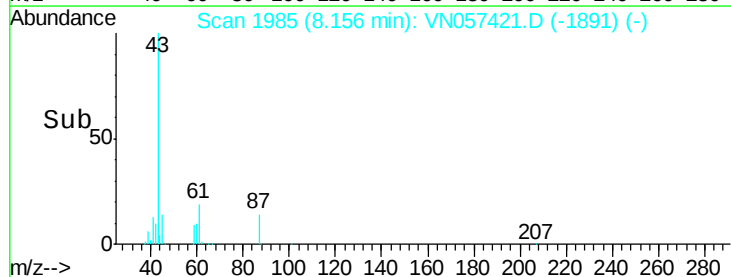
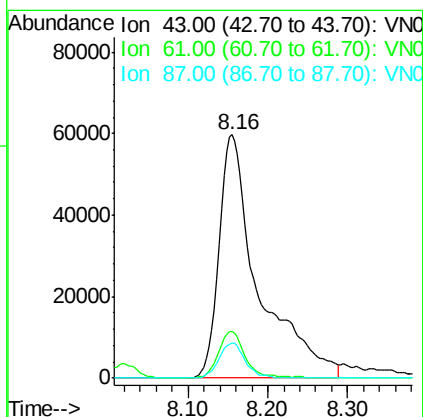
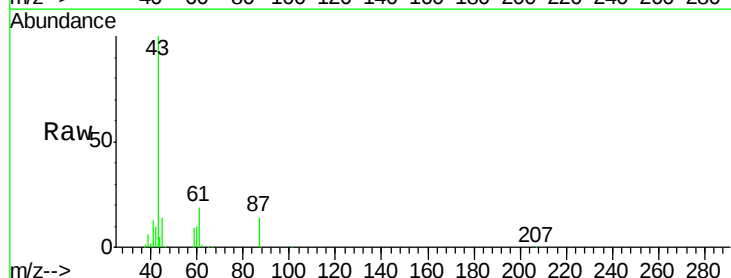
Instrument :
MSVOA_N
ClientSampleId :
T8-E1-(2)

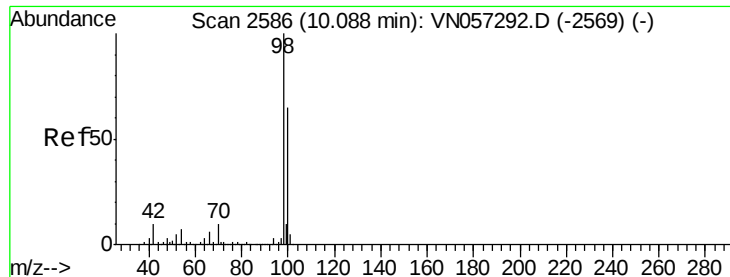
Tot Ion:113 Resp: 430782
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 24.3 19.3 28.9



#43
Isopropyl Acetate
Concen: 9.856 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Tgt Ion: 43 Resp: 203427
Ion Ratio Lower Upper
43 100
61 12.9 21.6 32.4#
87 9.6 11.4 17.0#





#50

Toluene-d8

Concen: 47.858 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

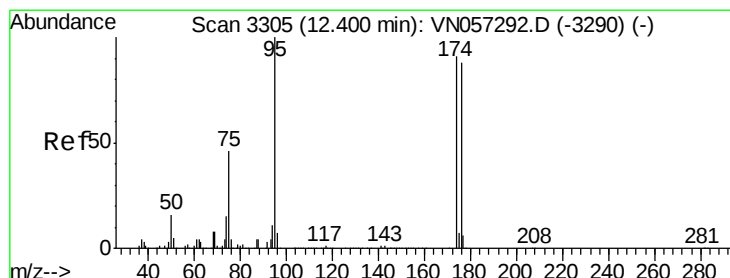
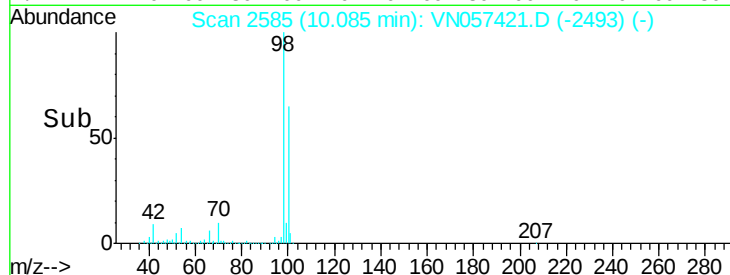
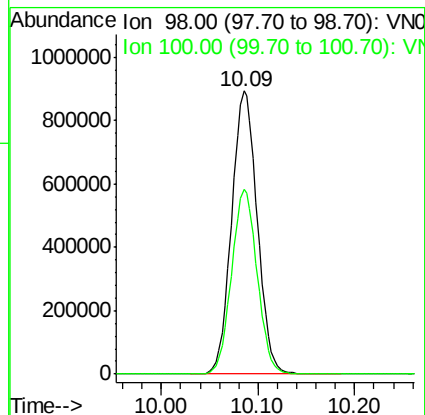
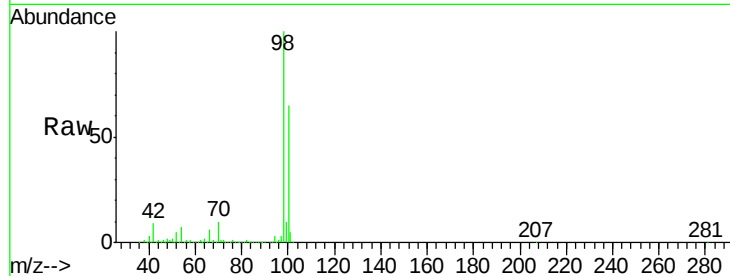
T8-E1-(2)

Tot Ion: 98 Resp: 1640047

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.384 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

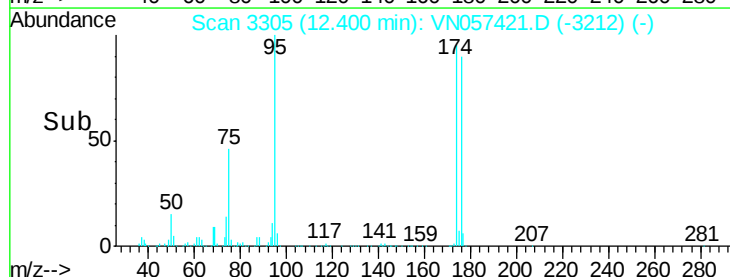
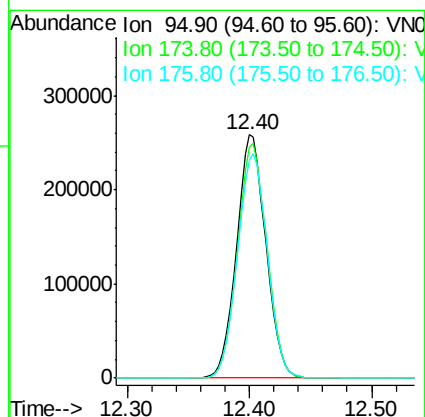
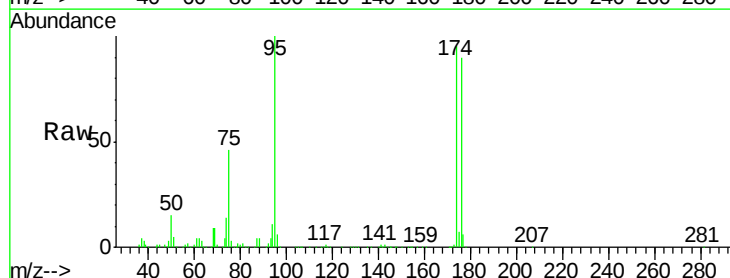
Tgt Ion: 95 Resp: 428513

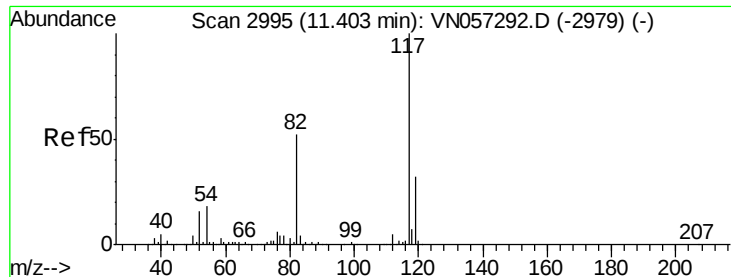
Ion Ratio Lower Upper

95 100

174 97.0 0.0 185.0

176 94.0 0.0 181.0

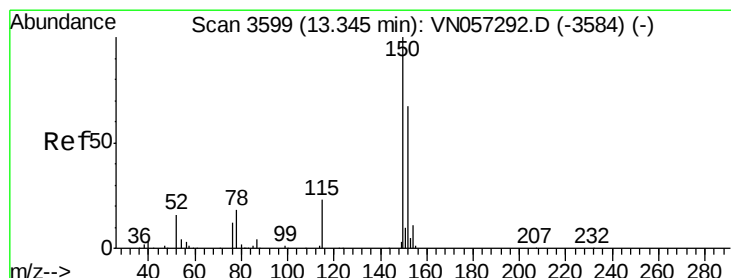
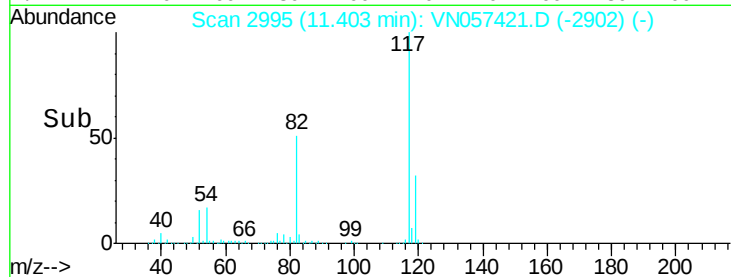
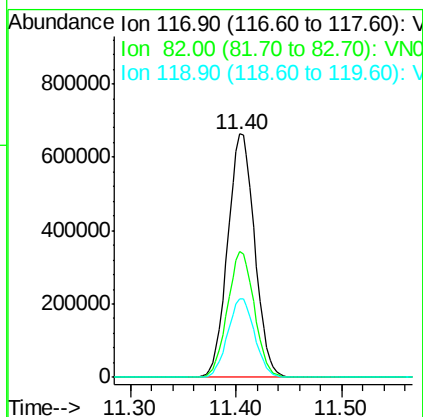
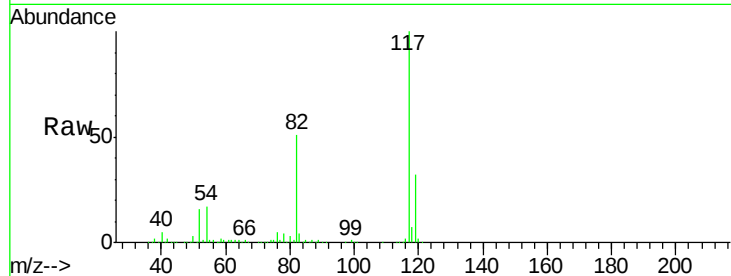




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Instrument :
MSVOA_N
ClientSampled :
T8-E1-(2)

Tot Ion:117 Resp: 1172037
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.3 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: VN057421.D
Acq: 20 Aug 2019 00:49

Tgt Ion:152 Resp: 306761
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 157.9 0.0 344.4

