

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059565.D
 Acq On : 11 Dec 2019 16:36
 Operator : JC/SP
 Sample : K5664-04 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 02-03-08-09-10-11-12-COMP

Quant Time: Dec 12 02:31:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

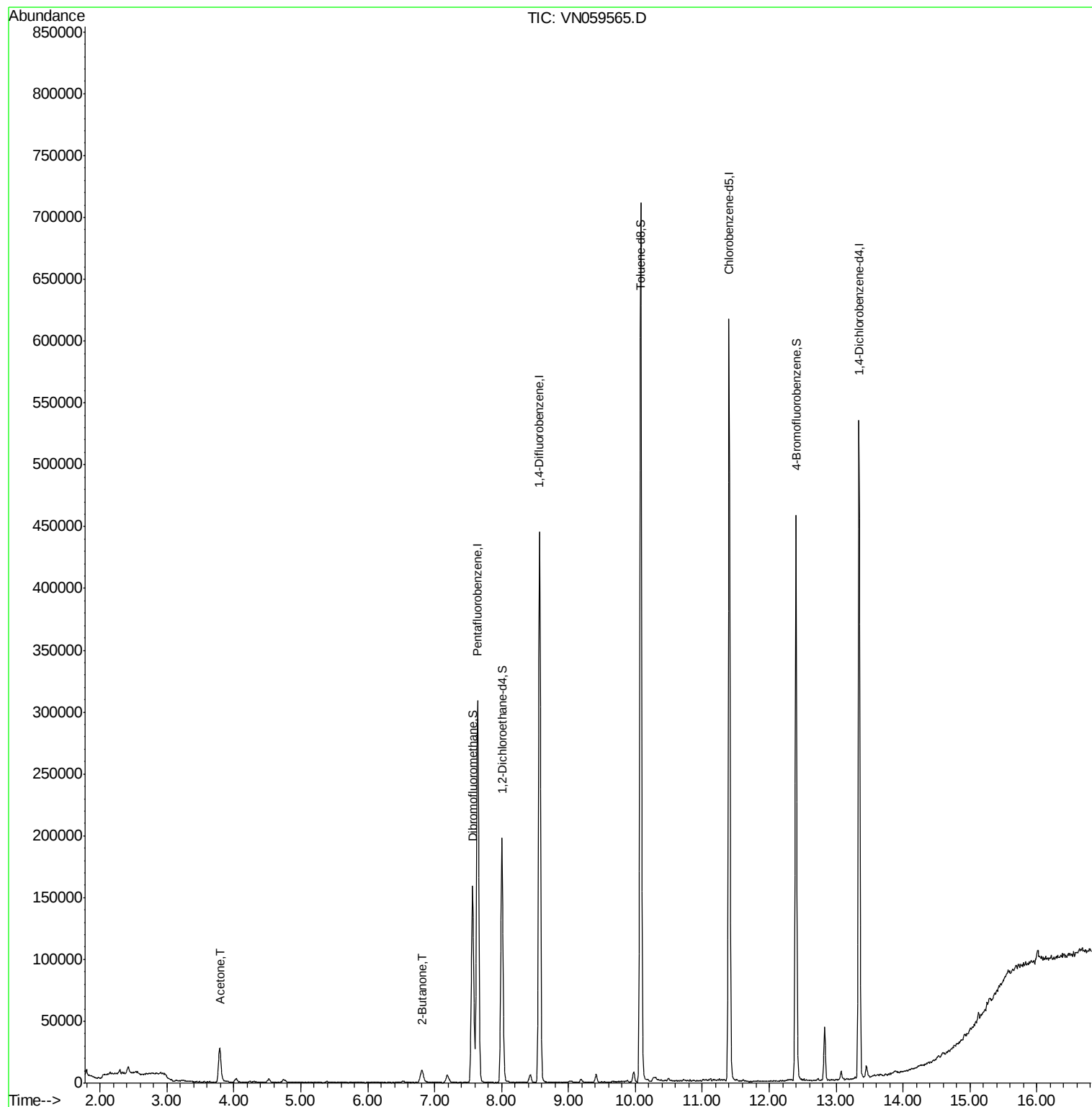
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	242189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	387802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	345797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	170715	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.57	113	121297	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.08	98	482593	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	155365	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
16) Acetone	3.79	43	47591	30.098	ug/l	97
25) 2-Butanone	6.81	43	17934	8.426	ug/l	93

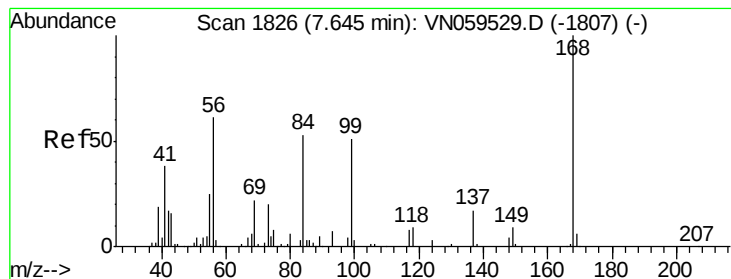
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

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MSVOA_N

ClientSampleId :

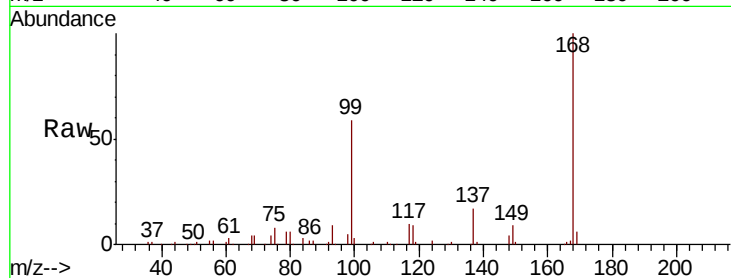
02-03-08-09-10-11-12-COMP

Tot Ion:168 Resp: 242189

Ion Ratio Lower Upper

168 100

99 58.8 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): VN059529.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059529.D (-1807) (-)

7.64

100000

80000

60000

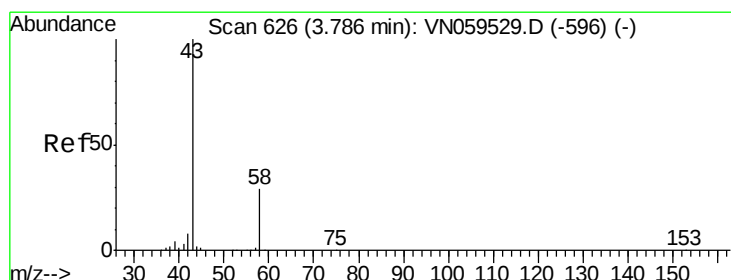
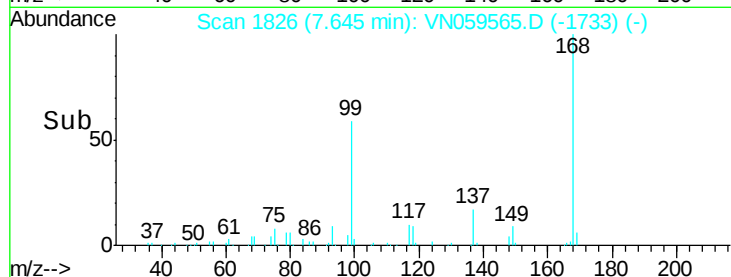
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 30.098 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059565.D

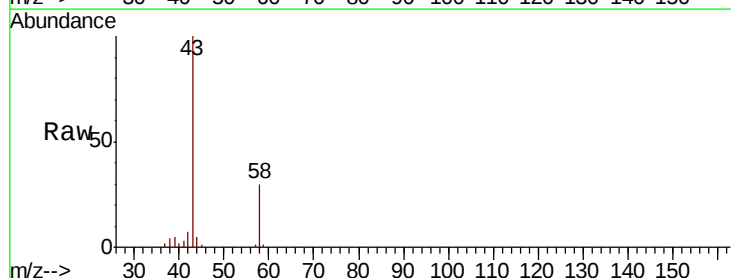
Acq: 11 Dec 2019 16:36

Tgt Ion: 43 Resp: 47591

Ion Ratio Lower Upper

43 100

58 30.1 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-596) (-)

Ion 58.00 (57.70 to 58.70): VN059529.D (-596) (-)

3.79

20000

15000

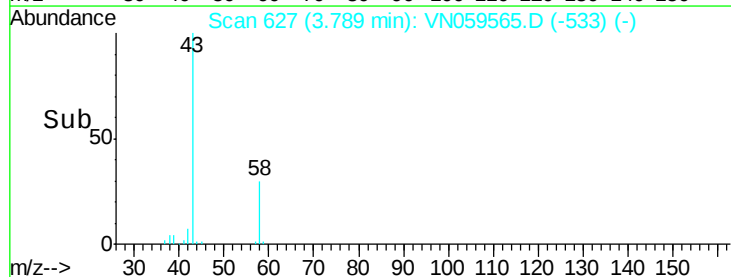
10000

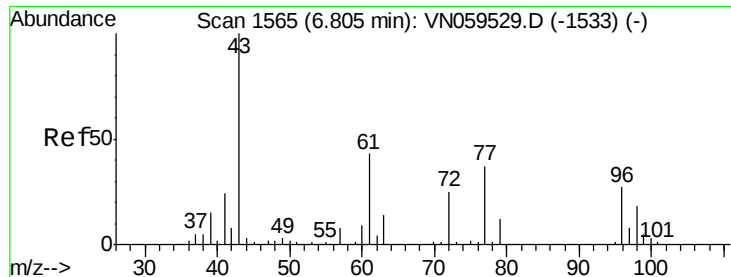
5000

0

3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 8.426 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN059565.D

Acq: 11 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

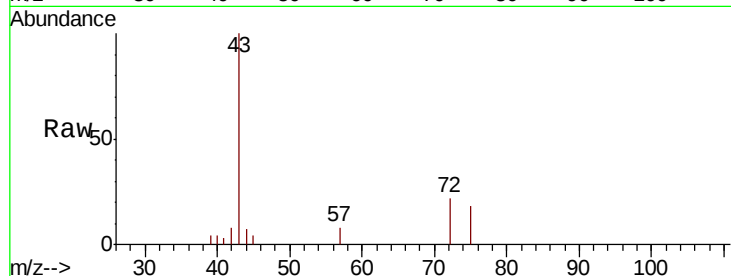
02-03-08-09-10-11-12-COMP

Tot Ion: 43 Resp: 17934

Ion Ratio Lower Upper

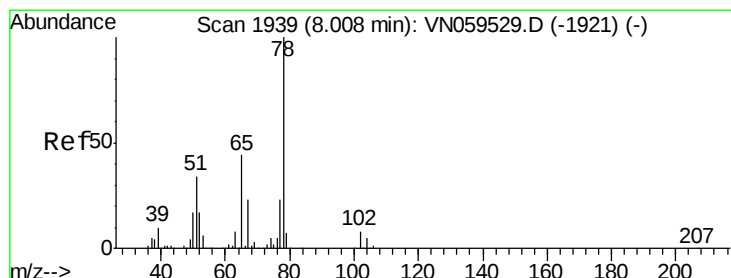
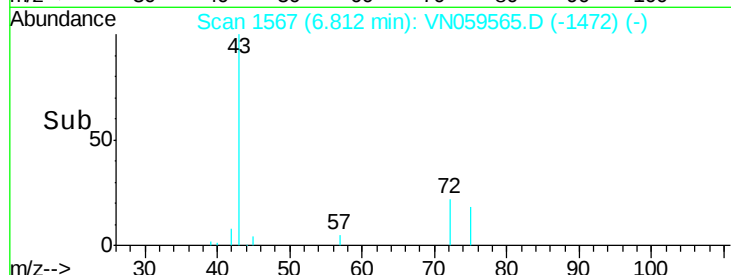
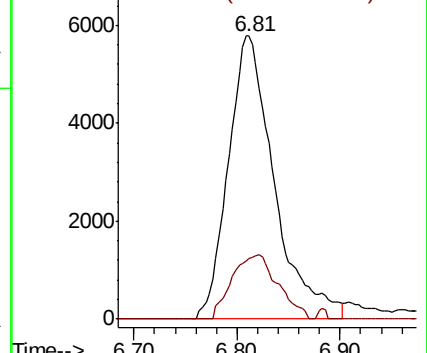
43 100

72 21.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.435 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059565.D

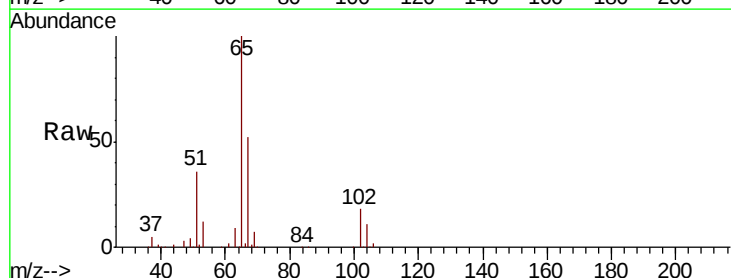
Acq: 11 Dec 2019 16:36

Tgt Ion: 65 Resp: 170715

Ion Ratio Lower Upper

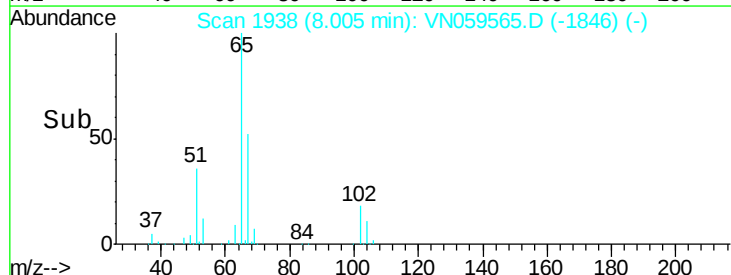
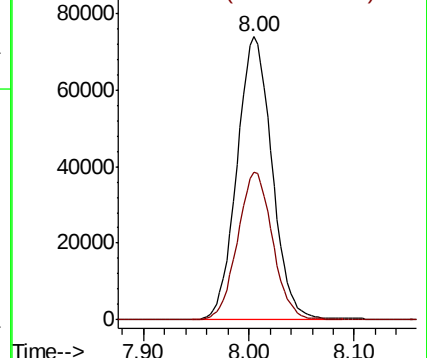
65 100

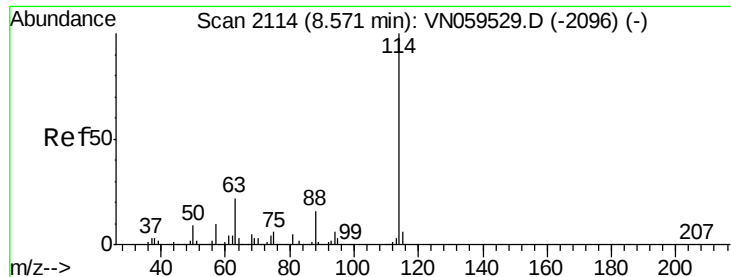
67 52.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

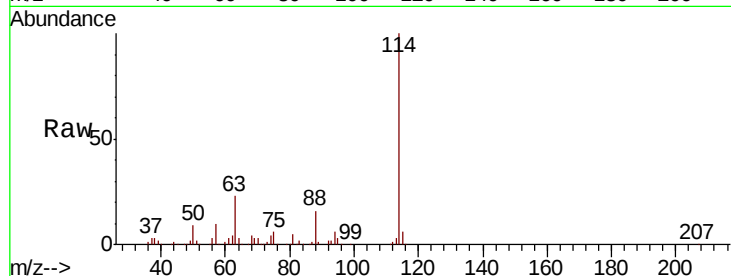




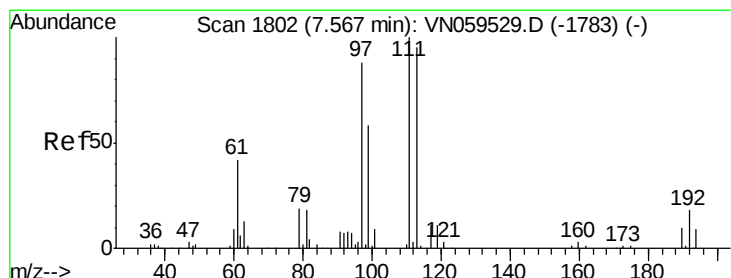
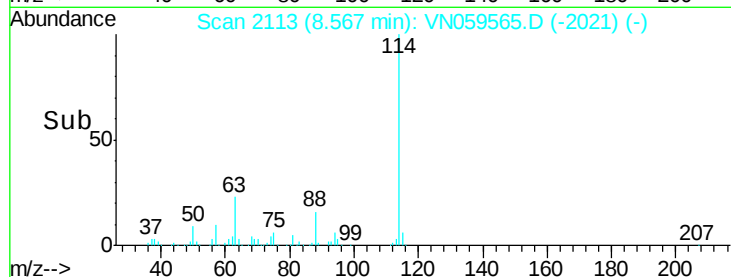
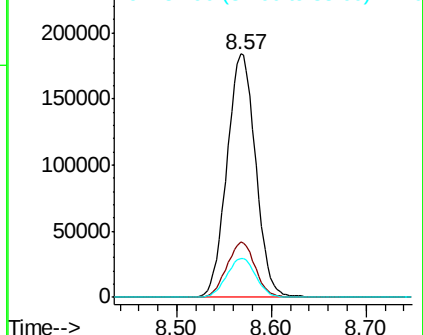
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059565.D
 Acq: 11 Dec 2019 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 02-03-08-09-10-11-12-COMP

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	16.0	0.0	32.2

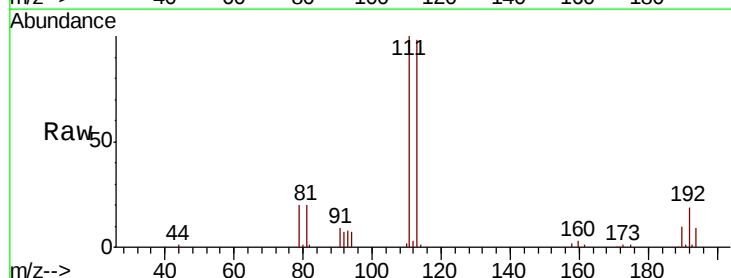


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

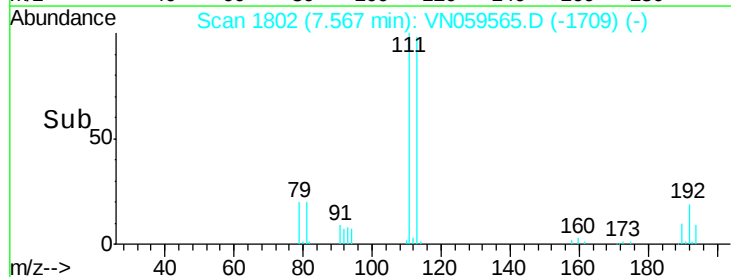
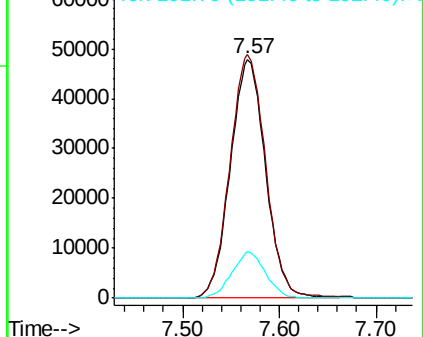


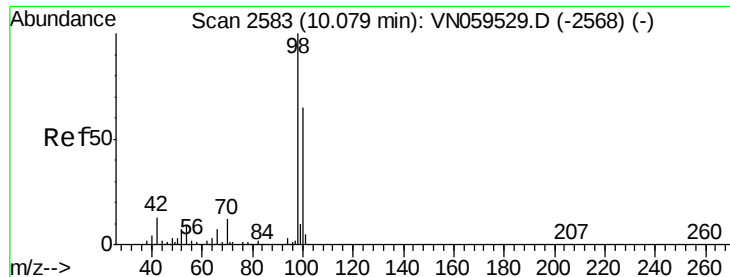
#35
 Dibromofluoromethane
 Concen: 52.415 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059565.D
 Acq: 11 Dec 2019 16:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	18.5	14.8	22.2



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: 51.080 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059565.D

Acq: 11 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

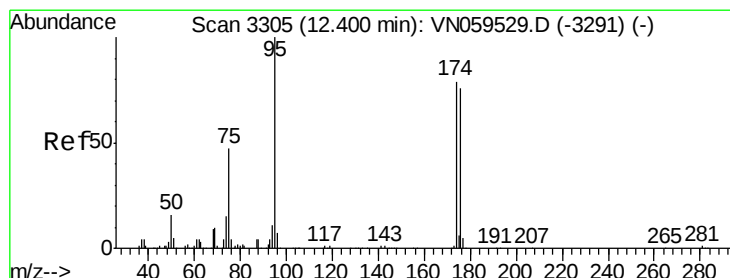
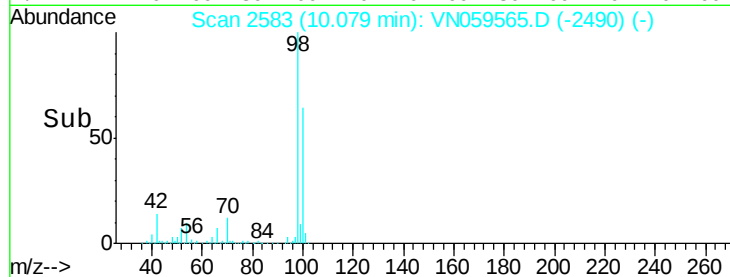
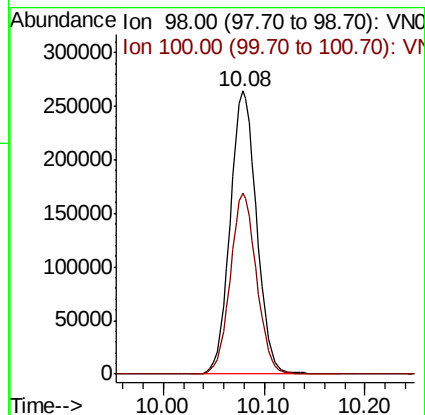
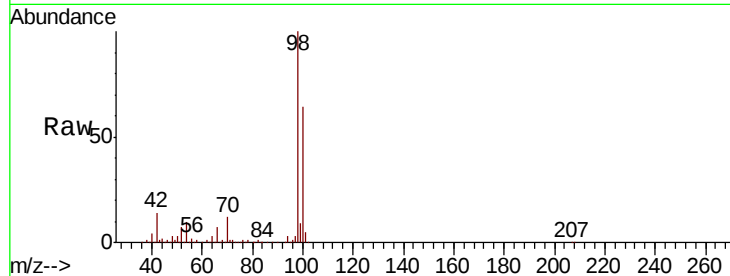
02-03-08-09-10-11-12-COMP

Tot Ion: 98 Resp: 482593

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 44.425 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059565.D

Acq: 11 Dec 2019 16:36

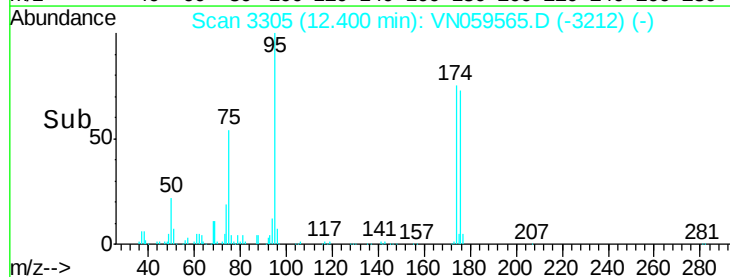
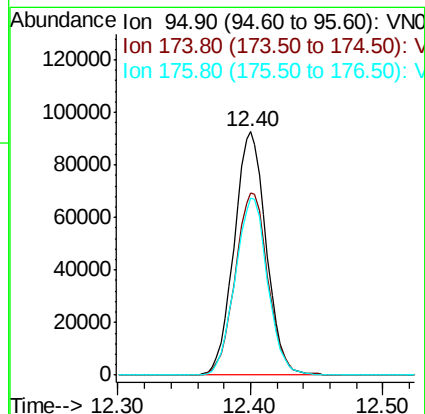
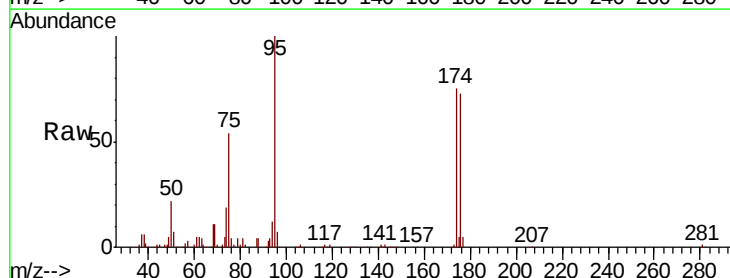
Tgt Ion: 95 Resp: 155365

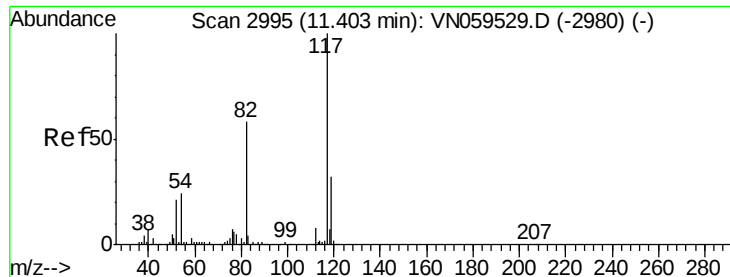
Ion Ratio Lower Upper

95 100

174 76.8 0.0 158.0

176 73.8 0.0 155.4

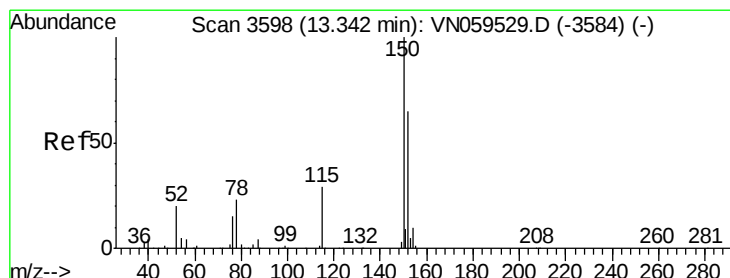
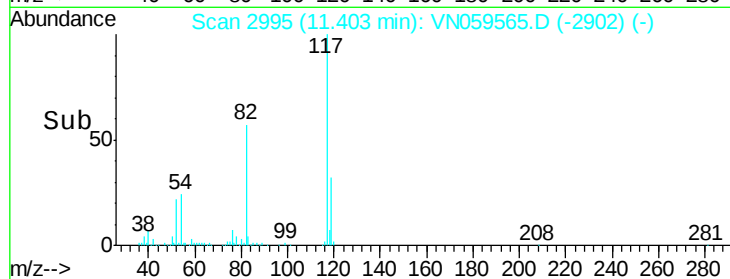
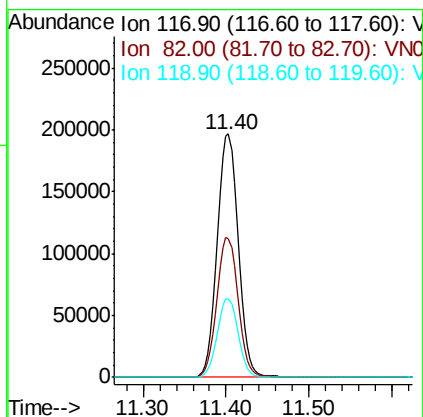
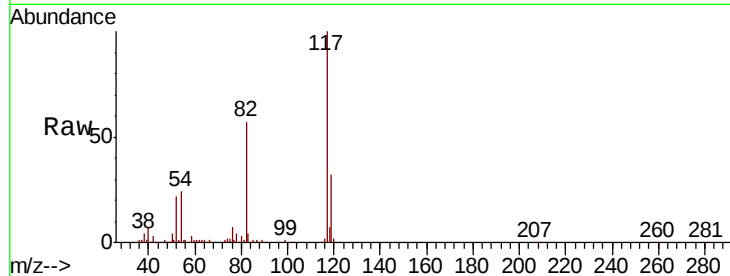




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059565.D
Acq: 11 Dec 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
02-03-08-09-10-11-12-COMP

Tot Ion:117 Resp: 345797
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059565.D
Acq: 11 Dec 2019 16:36

Tgt Ion:152 Resp: 137609
Ion Ratio Lower Upper
152 100
115 60.7 29.4 88.2
150 156.9 0.0 342.4

