

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091719\
 Data File : VN058146.D
 Acq On : 17 Sep 2019 13:56
 Operator : JC/SP
 Sample : K4719-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-4(0)-BRUCKNER

Quant Time: Sep 18 04:22:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

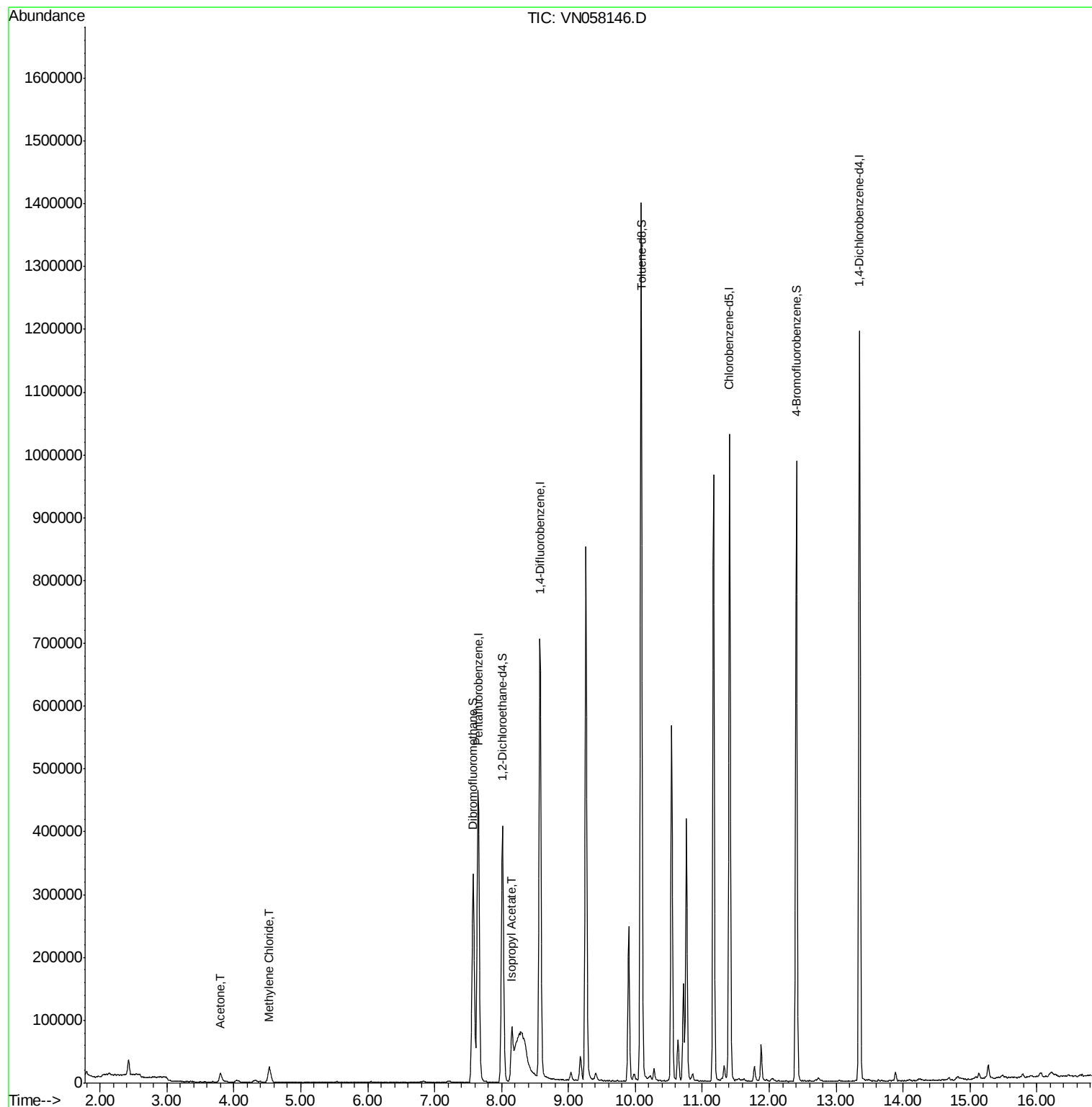
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	366596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	607907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	360636	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	7.58	113	247419	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
50) Toluene-d8	10.08	98	960088	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.40	95	335129	40.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.74%	
Target Compounds						
16) Acetone	3.80	43	24151	9.922	ug/l	99
20) Methylene Chloride	4.53	84	16991	2.497	ug/l	95
43) Isopropyl Acetate	8.15	43	119658	9.768	ug/l #	81

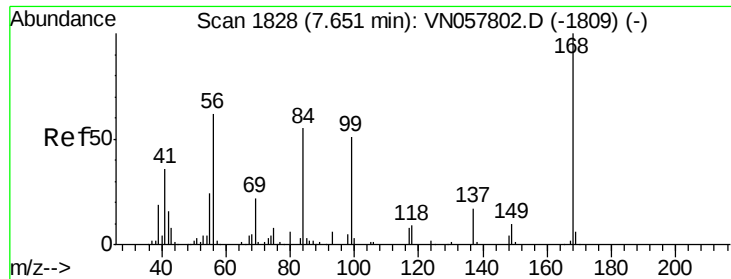
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058146.D

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MSVOA_N

ClientSampleId :

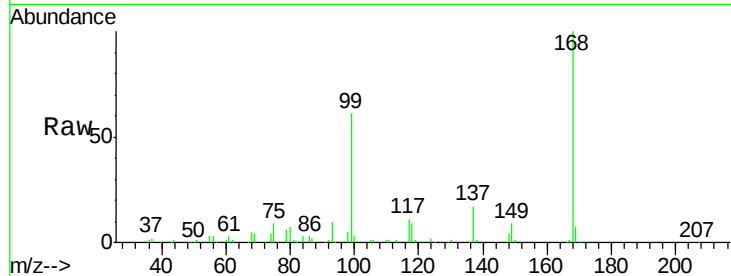
T4-4(0)-BRUCKNER

Tot Ion:168 Resp: 366596

Ion Ratio Lower Upper

168 100

99 60.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

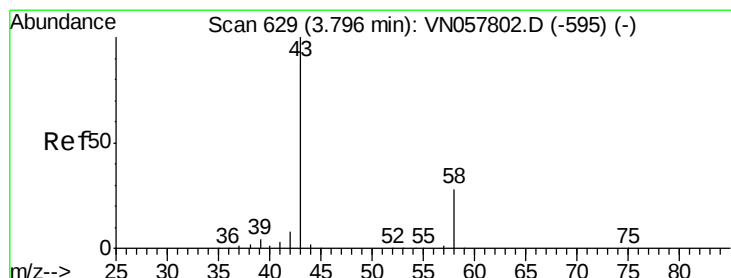
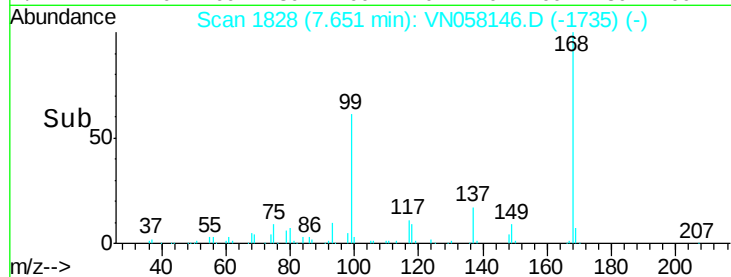
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.922 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058146.D

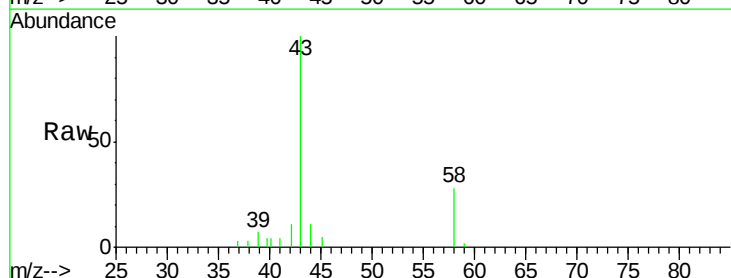
Acq: 17 Sep 2019 13:56

Tgt Ion: 43 Resp: 24151

Ion Ratio Lower Upper

43 100

58 28.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

10000

8000

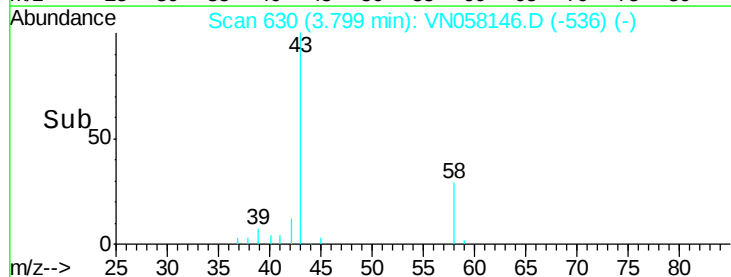
6000

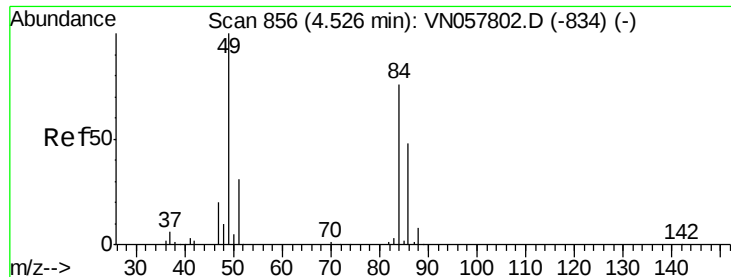
4000

2000

0

Time-->

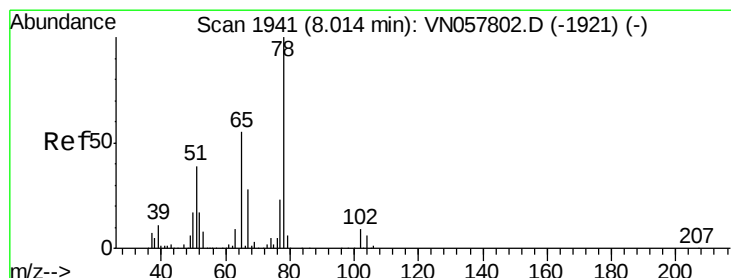
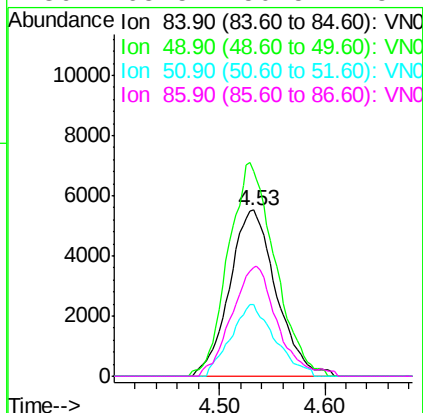
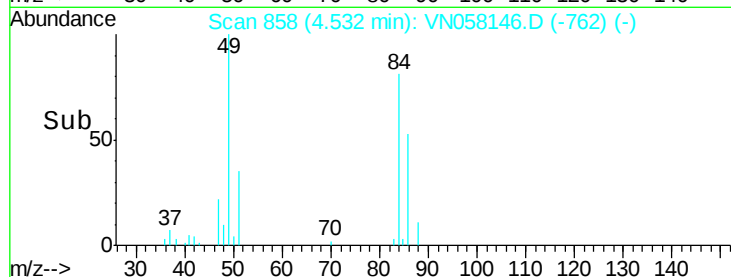
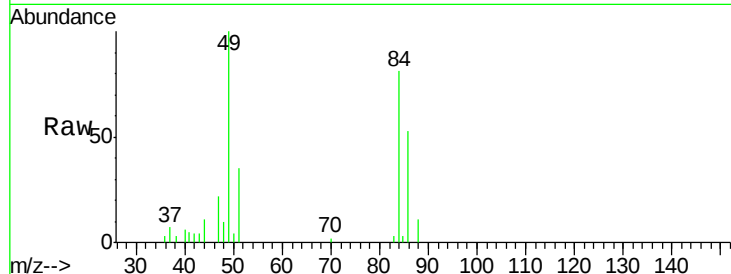




#20
Methvlene Chloride
Concen: 2.497 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058146.D
Acq: 17 Sep 2019 13:56

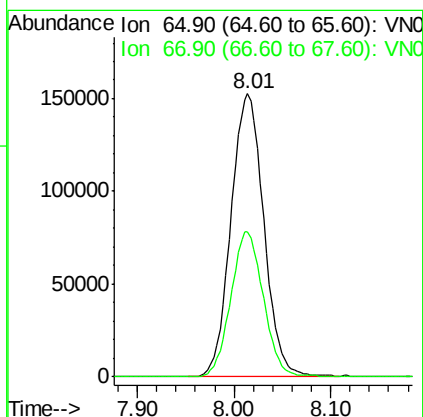
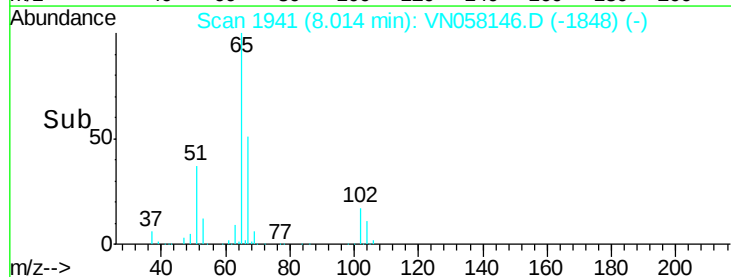
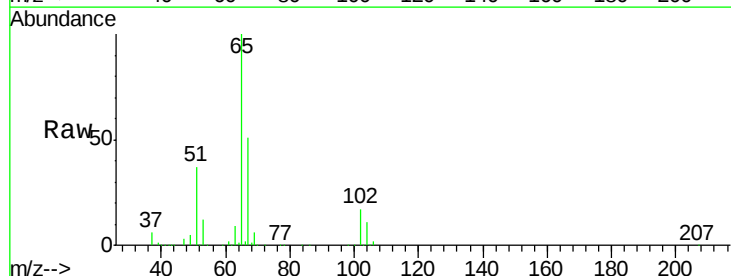
Instrument :
MSVOA_N
ClientSampleId :
T4-4(0)-BRUCKNER

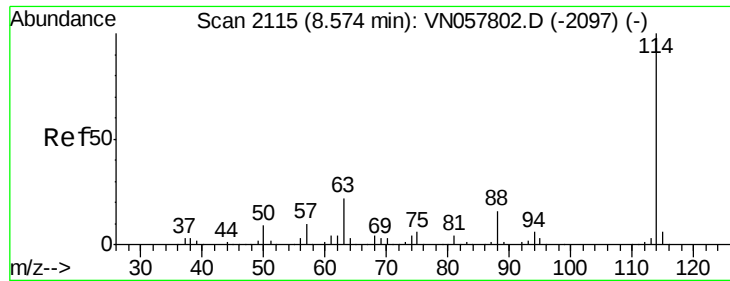
Tot Ion:	84	Resp:	16991
Ion	Ratio	Lower	Upper
84	100		
49	123.4	104.8	157.2
51	42.9	33.0	49.4
86	65.5	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 48.570 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058146.D
Acq: 17 Sep 2019 13:56

Tgt Ion:	65	Resp:	360636
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.0

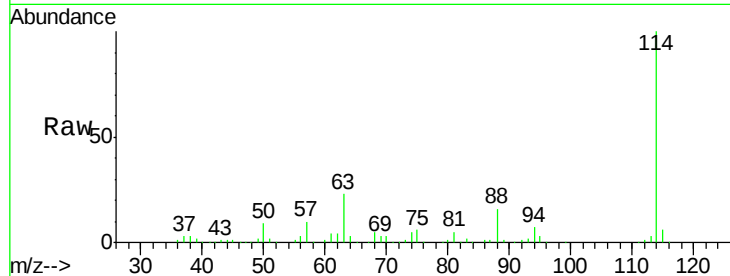




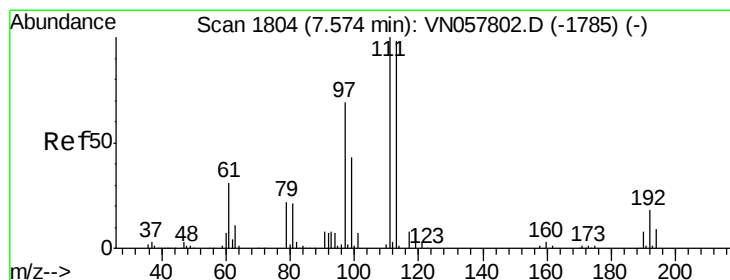
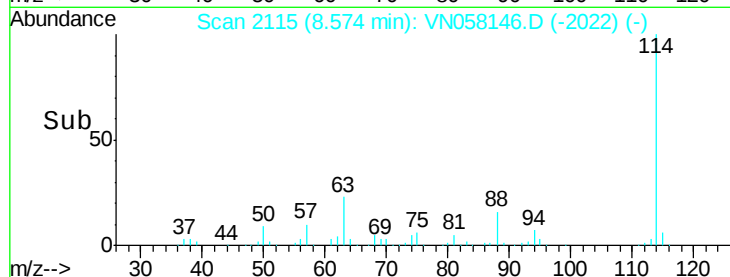
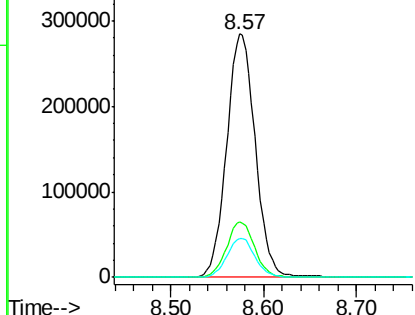
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058146.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-4(0)-BRUCKNER

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.0
88	16.1	0.0	31.4

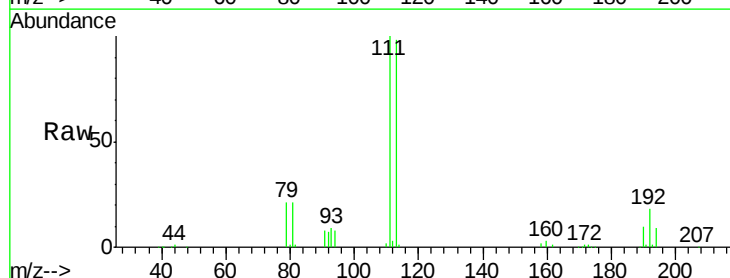


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

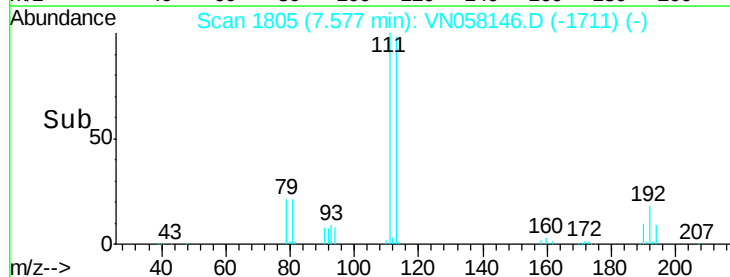
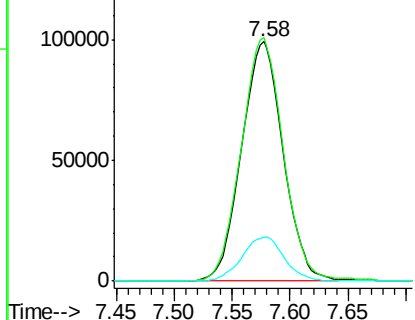


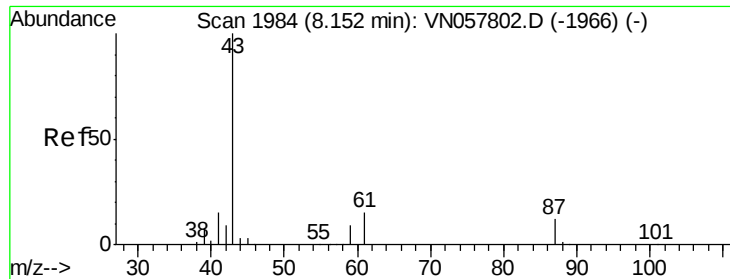
#35
 Dibromofluoromethane
 Concen: 44.097 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058146.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	18.8	14.6	22.0



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: 9.768 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058146.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

T4-4(0)-BRUCKNER

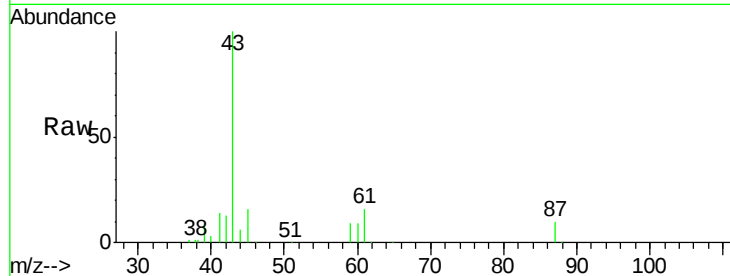
Tot Ion: 43 Resp: 119658

Ion Ratio Lower Upper

43 100

61 13.5 20.1 30.1#

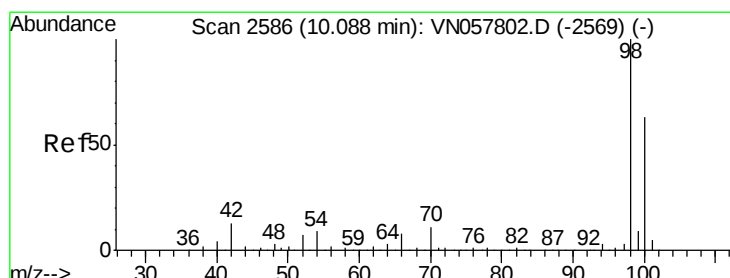
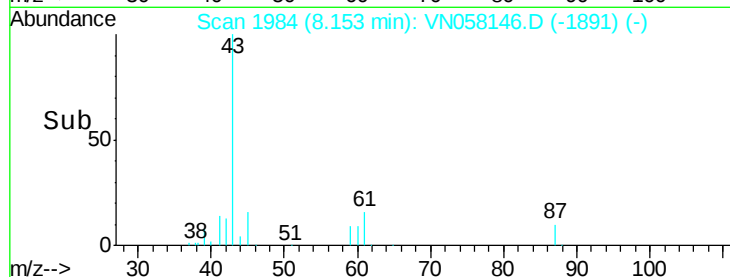
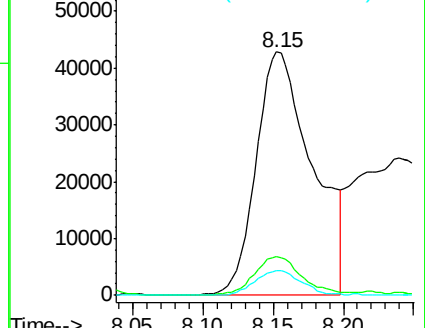
87 8.3 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#50

Toluene-d8

Concen: 44.073 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058146.D

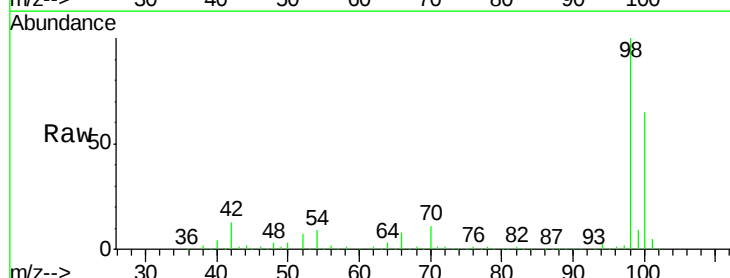
Acq: 17 Sep 2019 13:56

Tgt Ion: 98 Resp: 960088

Ion Ratio Lower Upper

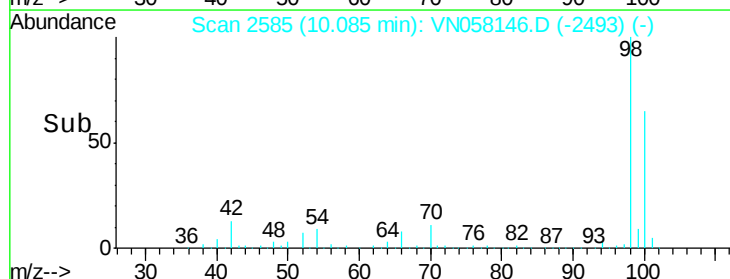
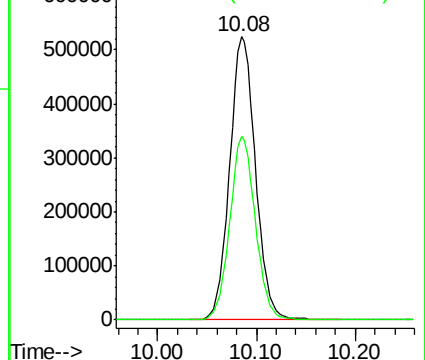
98 100

100 64.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 40.369 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058146.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

T4-4(0)-BRUCKNER

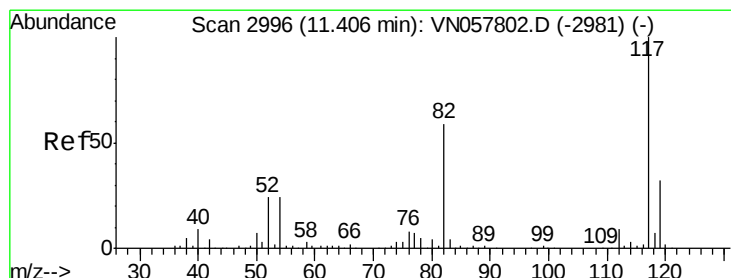
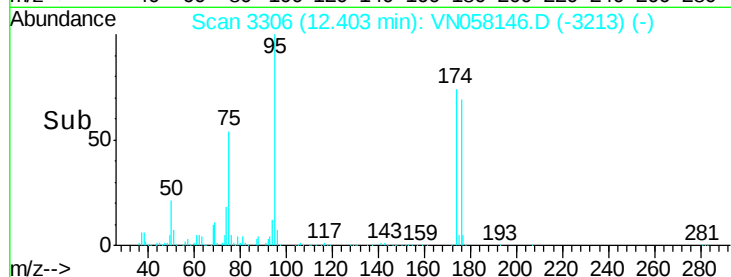
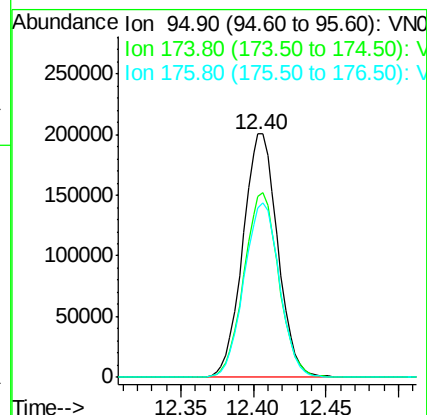
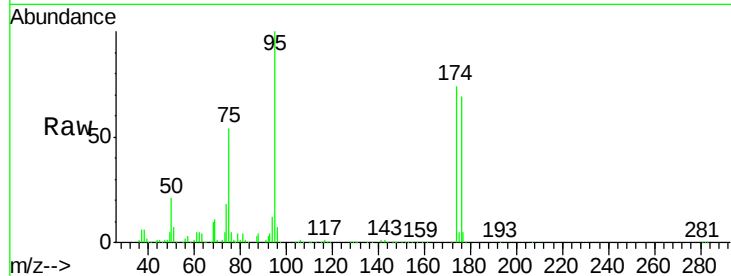
Tot Ion: 95 Resp: 335129

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.2

176 72.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058146.D

Acq: 17 Sep 2019 13:56

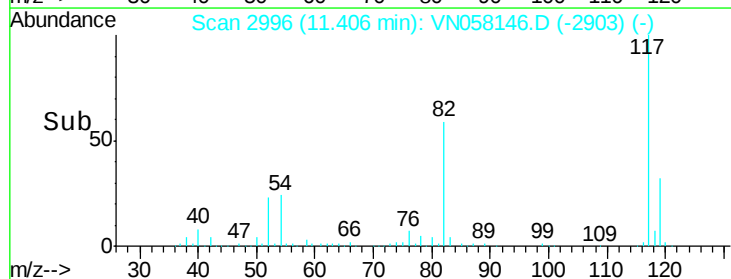
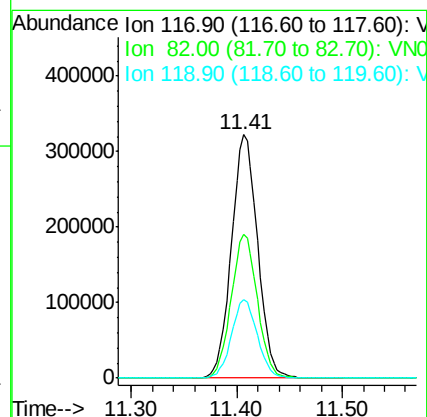
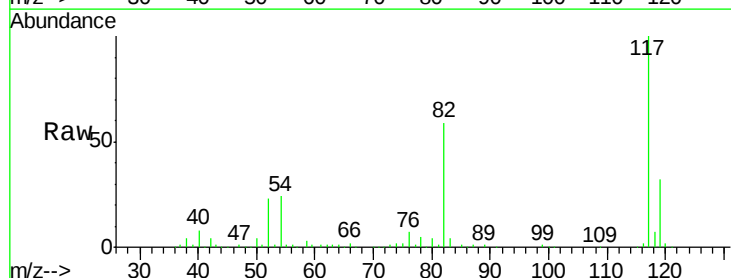
Tgt Ion: 117 Resp: 552656

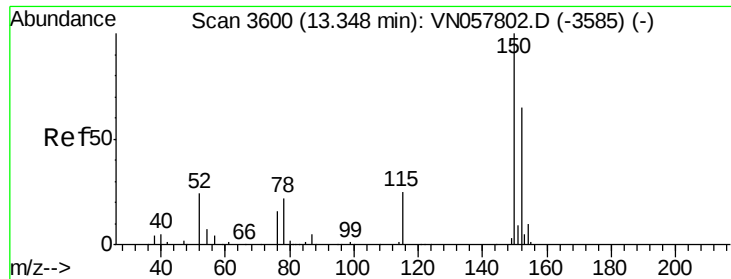
Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

119 32.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058146.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

T4-4(0)-BRUCKNER

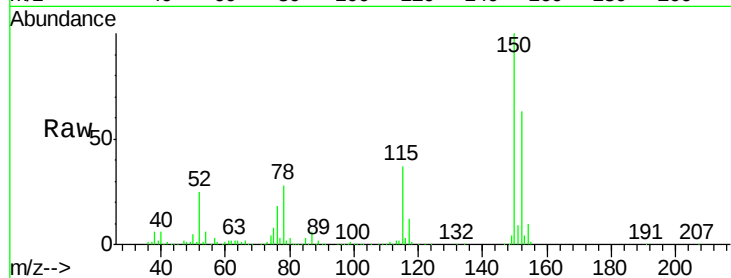
Tot Ion:152 Resp: 304147

Ion Ratio Lower Upper

152 100

115 59.6 30.3 91.0

150 156.6 0.0 352.4



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

