

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058056.D
 Acq On : 14 Sep 2019 7:06
 Operator : JC/SP
 Sample : K4663-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-091219

Quant Time: Sep 16 02:10:08 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

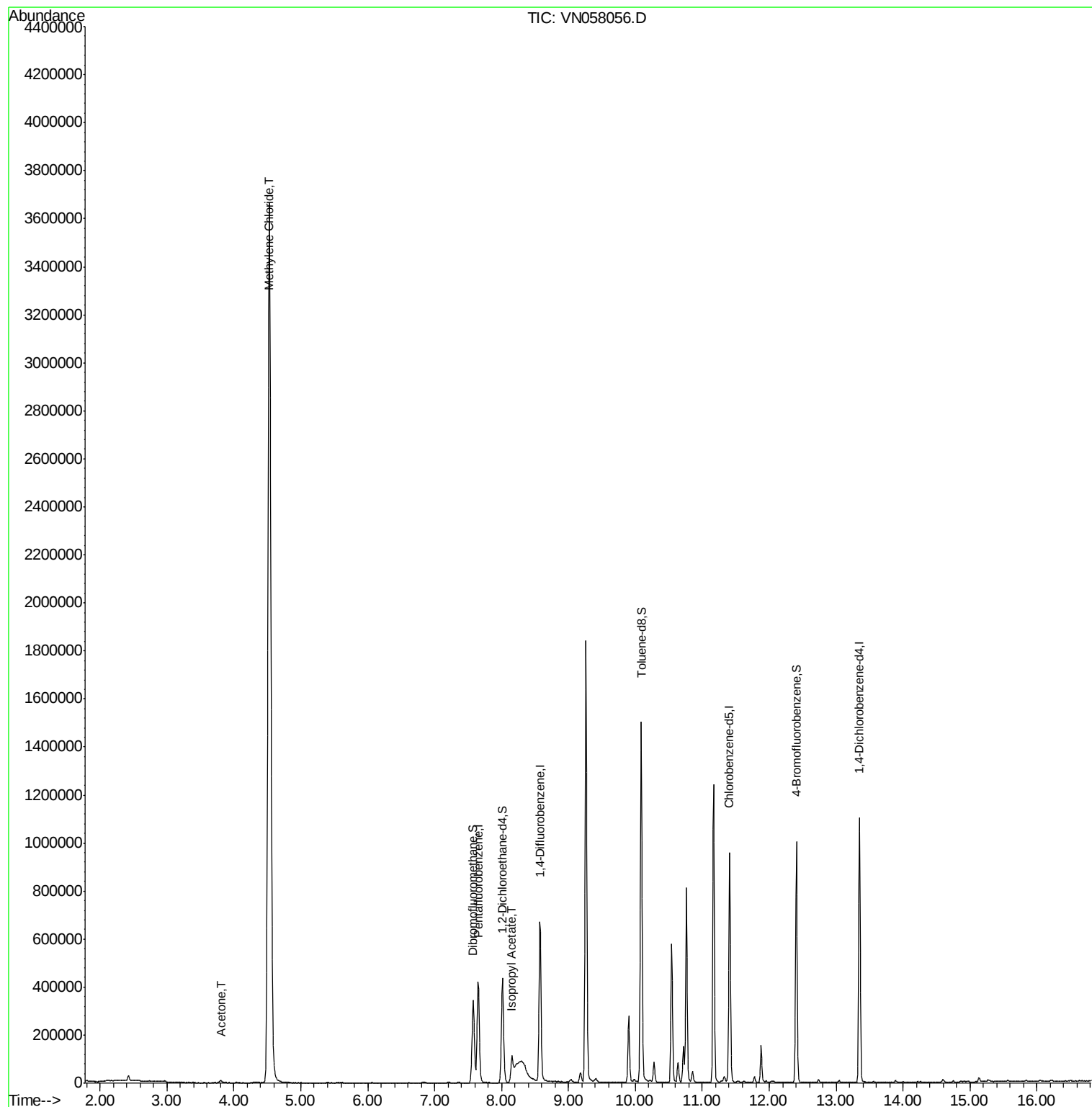
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	328223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	374731	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
35) Dibromofluoromethane	7.58	113	258864	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	10.09	98	1025586	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	336337	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
16) Acetone	3.80	43	14612	6.705	ug/l #	88
20) Methylene Chloride	4.53	84	2707814	667.889	ug/l	99
43) Isopropyl Acetate	8.16	43	142489	12.419	ug/l #	84

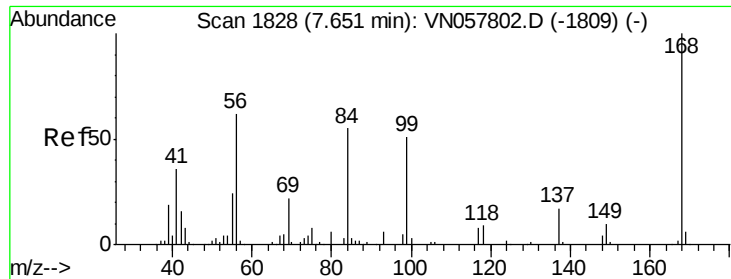
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Time: Sep 16 02:10:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058056.D

Acq: 14 Sep 2019 7:06

Instrument :

MSVOA_N

ClientSampleId :

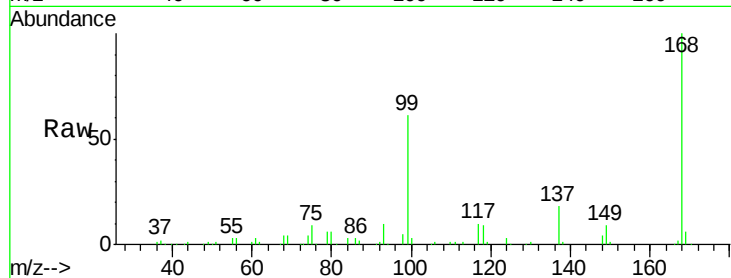
SU-02-091219

Tot Ion:168 Resp: 328223

Ion Ratio Lower Upper

168 100

99 60.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

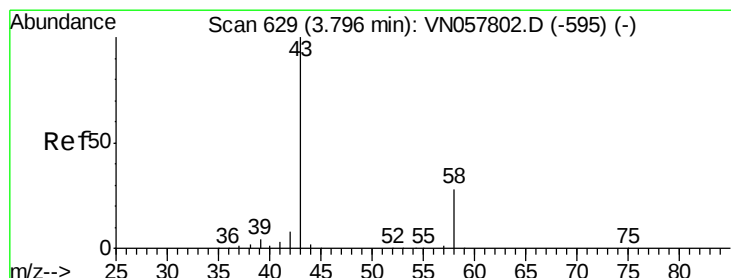
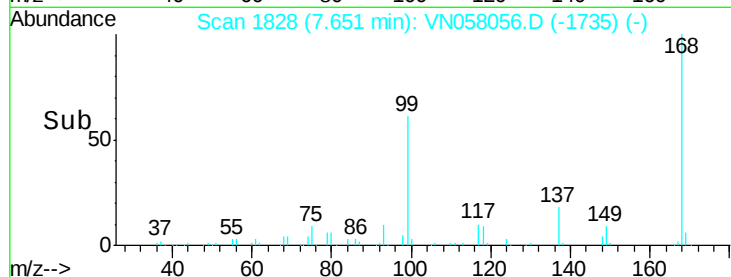
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.705 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058056.D

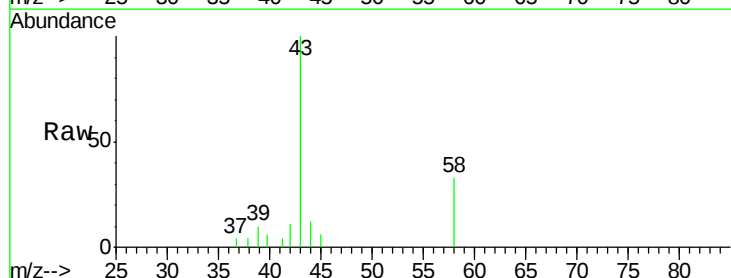
Acq: 14 Sep 2019 7:06

Tgt Ion: 43 Resp: 14612

Ion Ratio Lower Upper

43 100

58 34.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

3000

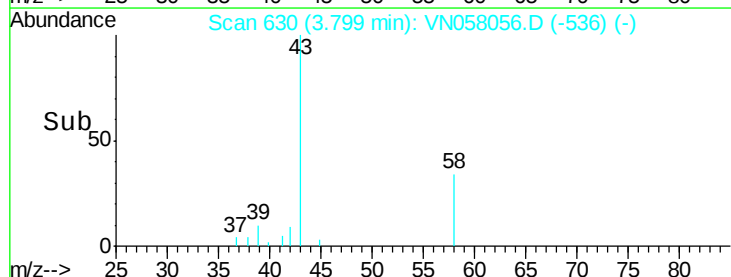
2000

1000

0

Time-->

3.70 3.75 3.80 3.85



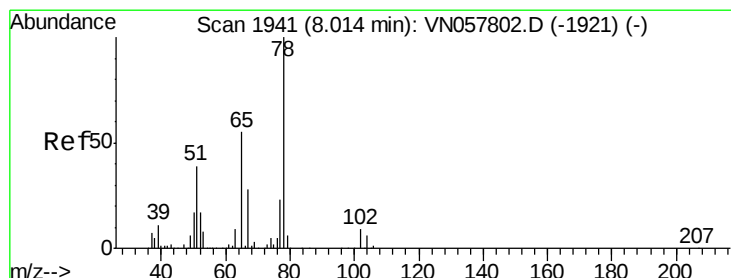
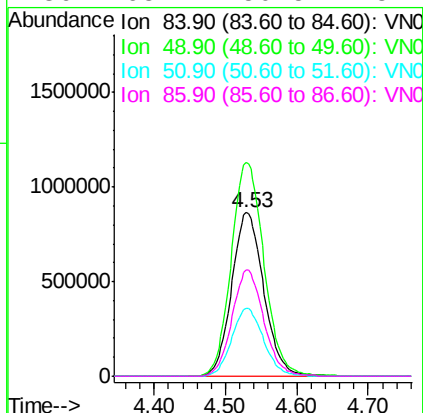
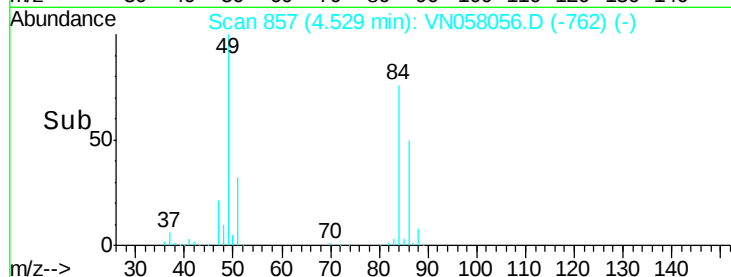
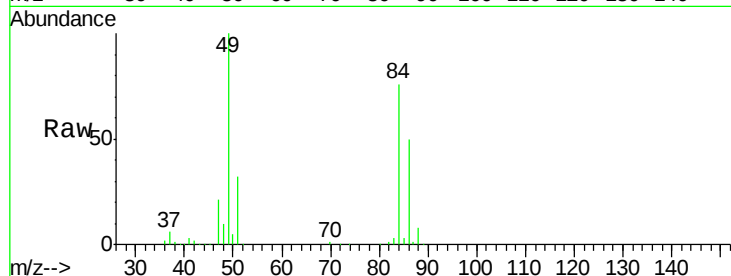


#20
Methylene Chloride
Concen: 667.889 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058056.D
Acq: 14 Sep 2019 7:06

Instrument :
MSVOA_N
ClientSampled :
SU-02-091219

Tot Ion: 84 Resp: 2707814

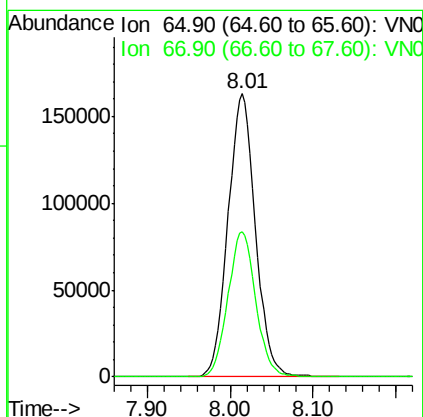
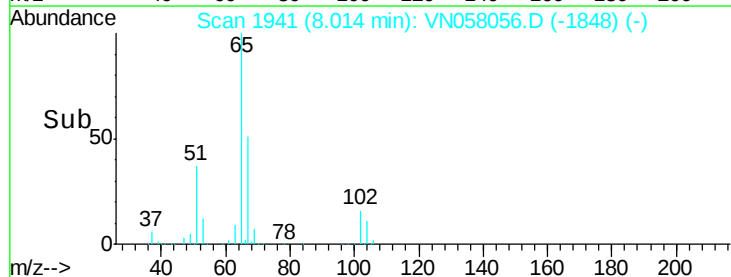
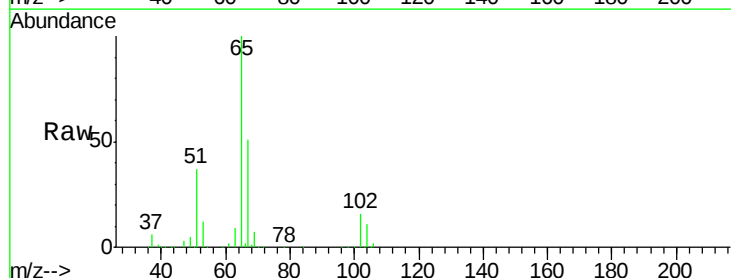
Ion	Ratio	Lower	Upper
84	100		
49	130.7	104.8	157.2
51	41.7	33.0	49.4
86	65.1	50.5	75.7

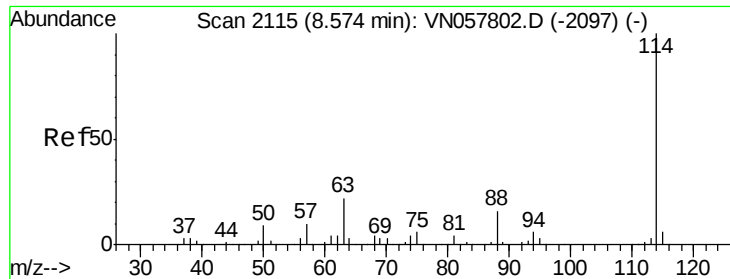


#33
1,2-Dichloroethane-d4
Concen: 56.368 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058056.D
Acq: 14 Sep 2019 7:06

Tgt Ion: 65 Resp: 374731

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.0

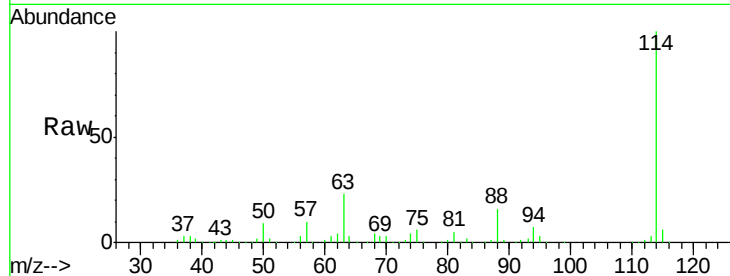




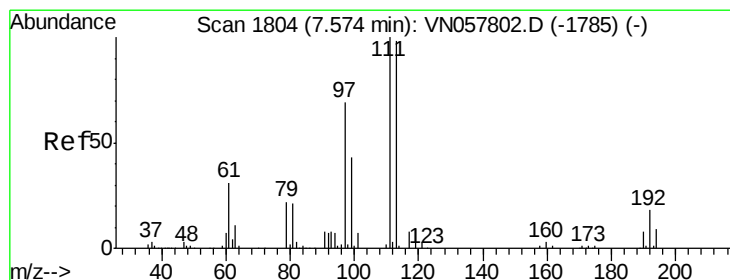
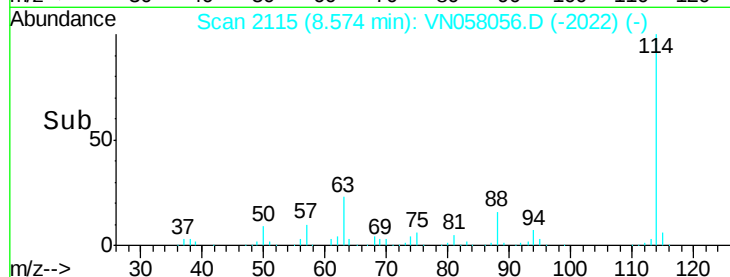
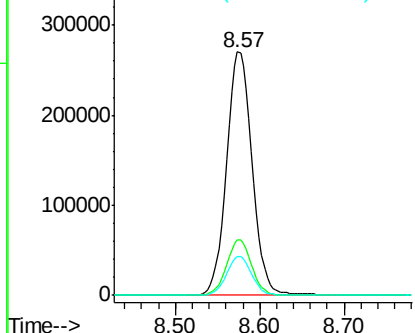
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058056.D
 Acq: 14 Sep 2019 7:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-091219

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.0
88	16.0	0.0	31.4

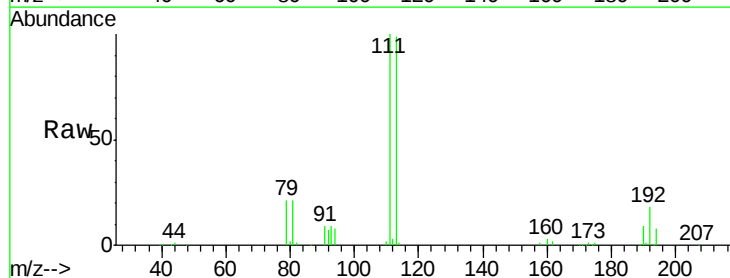


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

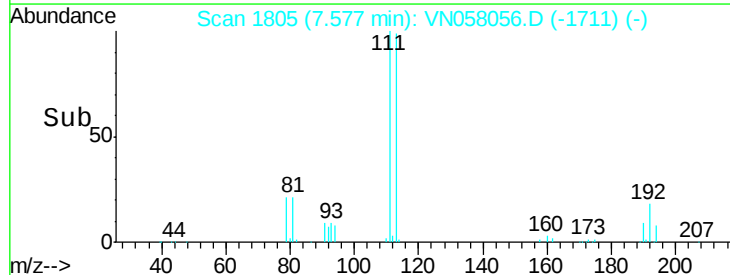
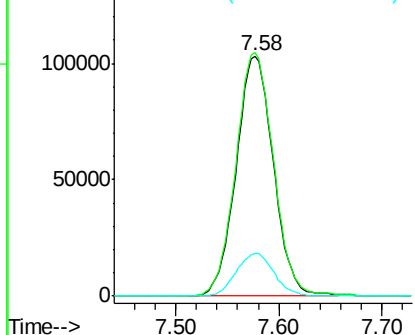


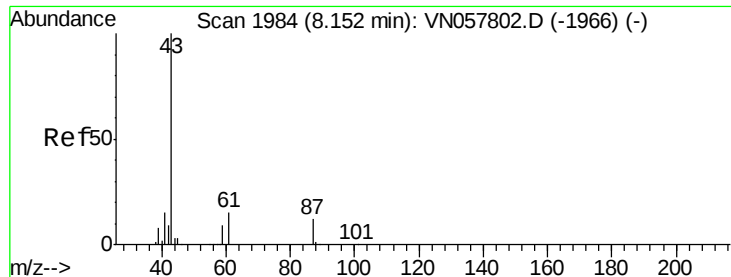
#35
 Dibromofluoromethane
 Concen: 49.258 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058056.D
 Acq: 14 Sep 2019 7:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	18.1	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: 12.419 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058056.D

Acq: 14 Sep 2019 7:06

Instrument :

MSVOA_N

ClientSampled :

SU-02-091219

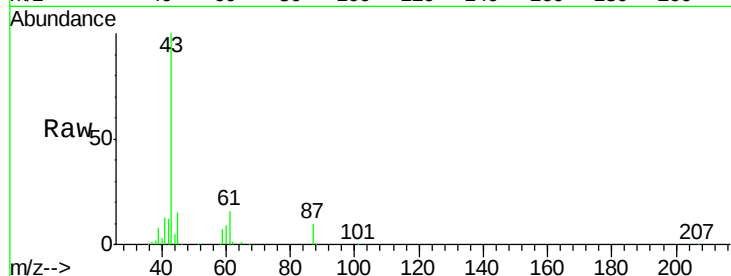
Tot Ion: 43 Resp: 142489

Ion Ratio Lower Upper

43 100

61 15.0 20.1 30.1#

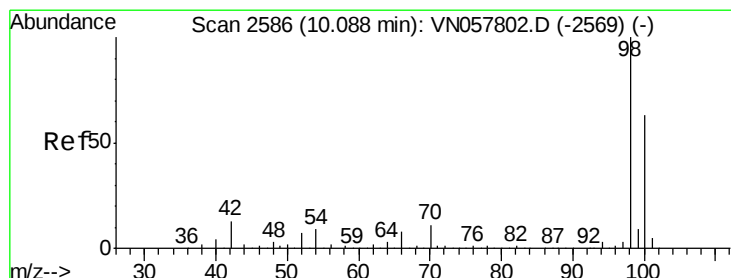
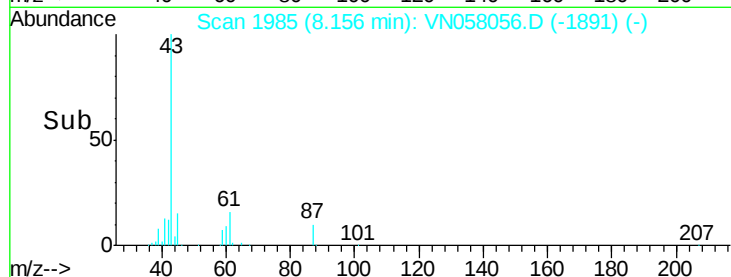
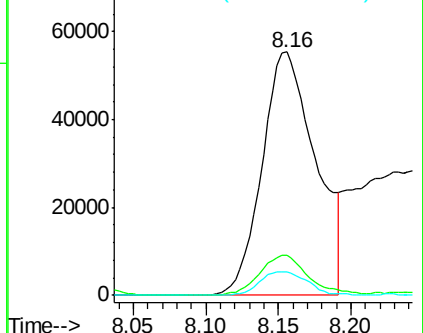
87 8.7 9.5 14.3#



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: 50.265 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058056.D

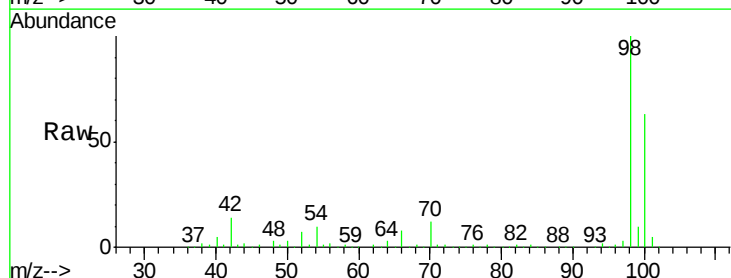
Acq: 14 Sep 2019 7:06

Tgt Ion: 98 Resp: 1025586

Ion Ratio Lower Upper

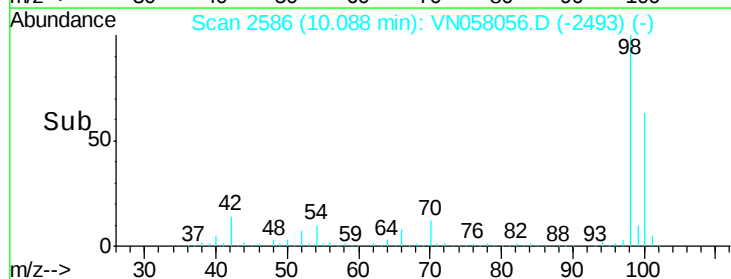
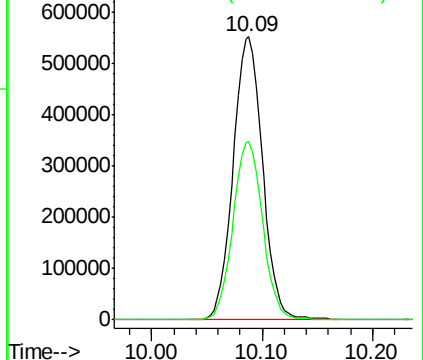
98 100

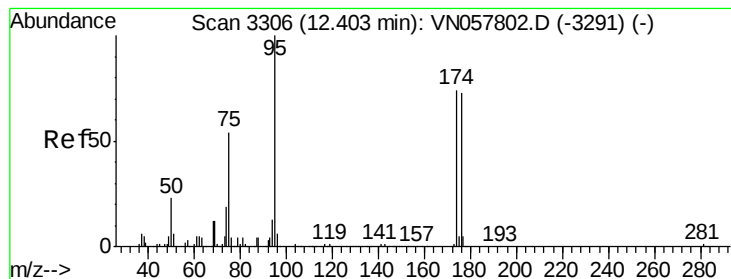
100 63.2 50.3 75.5



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: 43.255 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058056.D

Acq: 14 Sep 2019 7:06

Instrument :

MSVOA_N

ClientSampled :

SU-02-091219

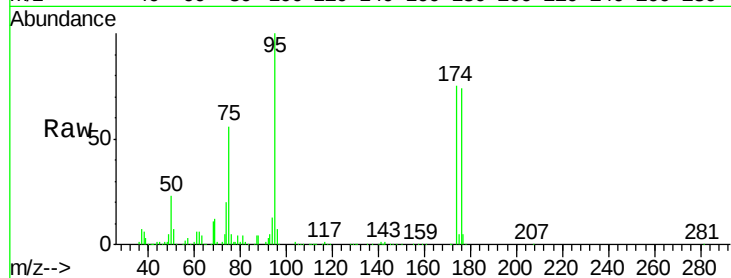
Tot Ion: 95 Resp: 336337

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

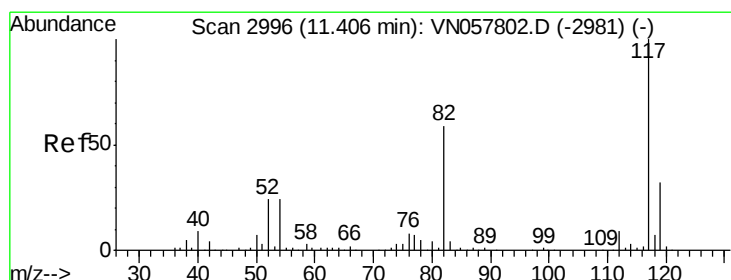
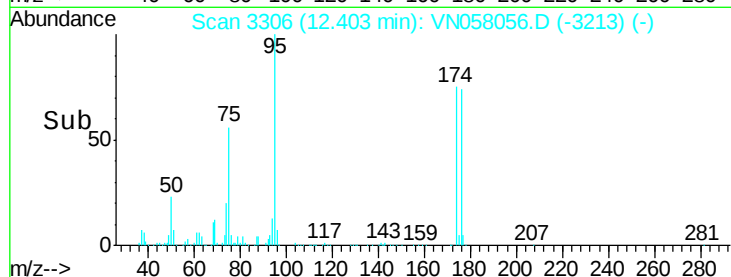
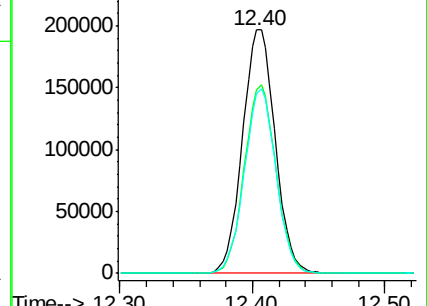
176 73.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058056.D

Acq: 14 Sep 2019 7:06

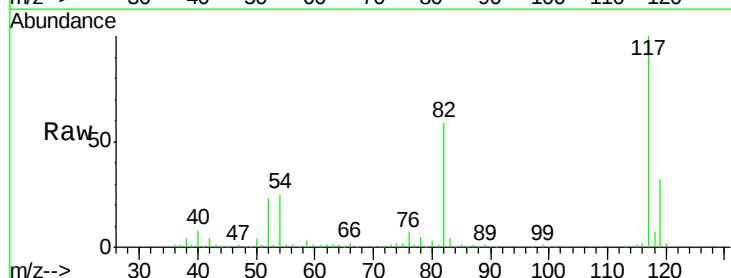
Tgt Ion: 117 Resp: 521257

Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

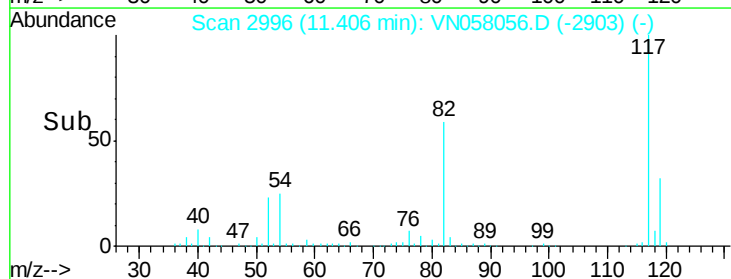
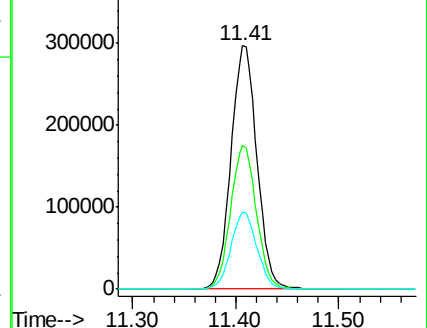
119 31.5 25.3 37.9

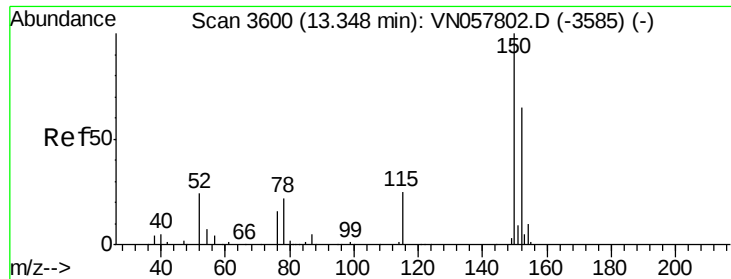


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058056.D

Acq: 14 Sep 2019 7:06

Instrument :

MSVOA_N

ClientSampleId :

SU-02-091219

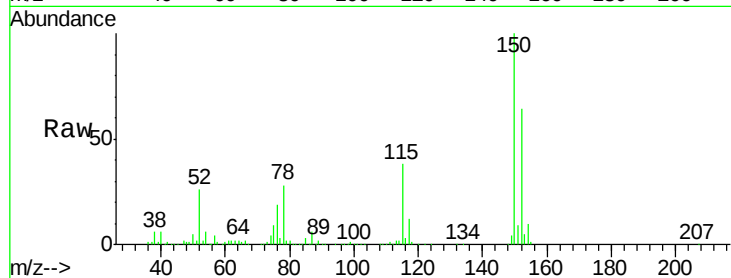
Tot Ion:152 Resp: 275653

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

150 157.5 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

