

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057919.D
 Acq On : 11 Sep 2019 12:51
 Operator : JC/SP
 Sample : K4643-37
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-C3-(4)

Quant Time: Sep 13 06:07:54 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

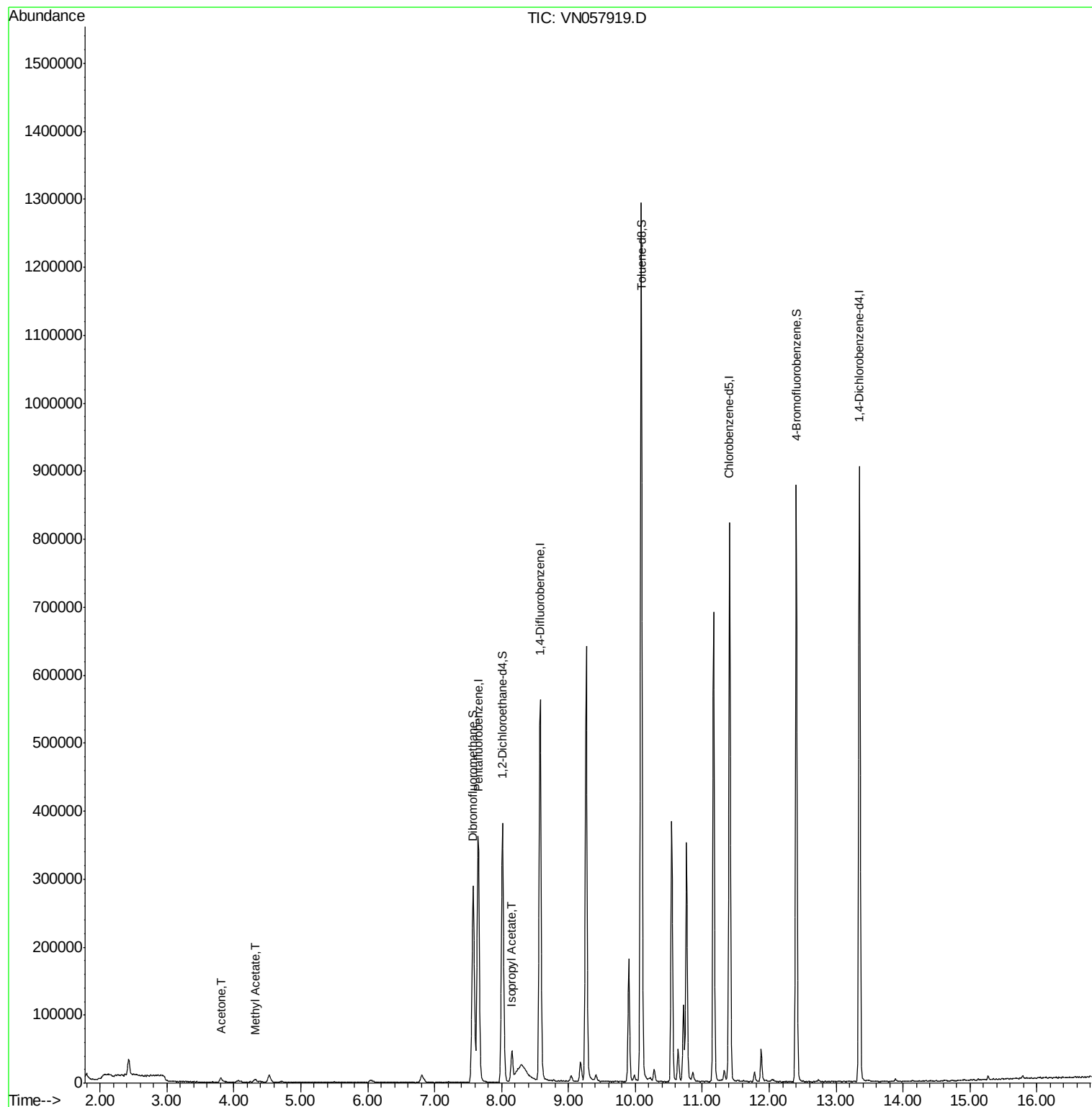
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	283006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	485047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	325632	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
35) Dibromofluoromethane	7.58	113	221202	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.09	98	889270	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	292570	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
16) Acetone	3.81	43	10056	5.352	ug/l #	81
18) Methyl Acetate	4.31	43	7900	1.577	ug/l #	69
43) Isopropyl Acetate	8.16	43	57778	5.912	ug/l #	90

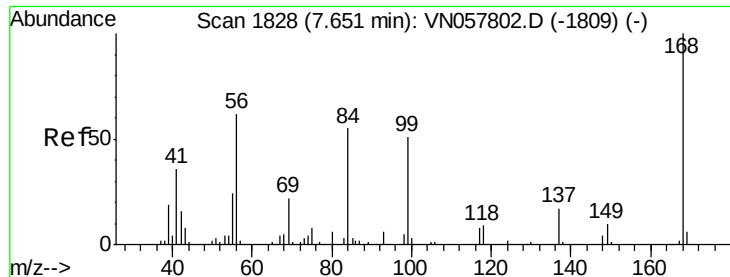
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN057919.D

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MSVOA_N

ClientSampleId :

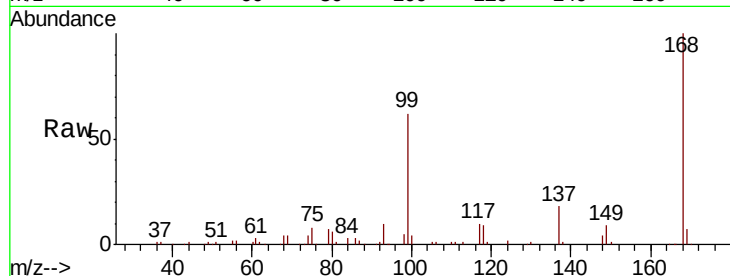
T11-C3-(4)

Tot Ion:168 Resp: 283006

Ion Ratio Lower Upper

168 100

99 62.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

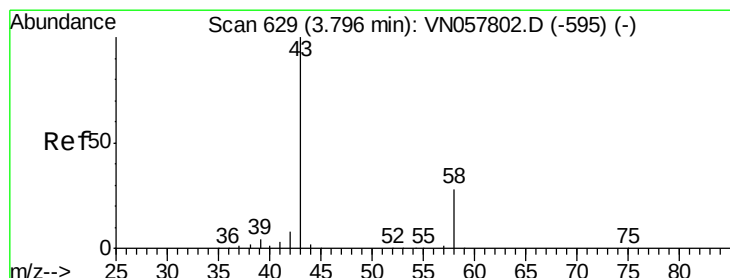
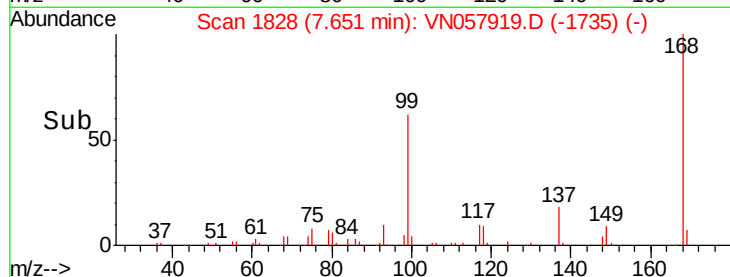
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.352 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057919.D

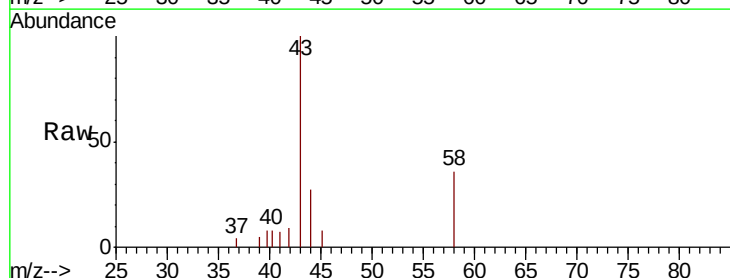
Acq: 11 Sep 2019 12:51

Tgt Ion: 43 Resp: 10056

Ion Ratio Lower Upper

43 100

58 37.5 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.81

4000

3000

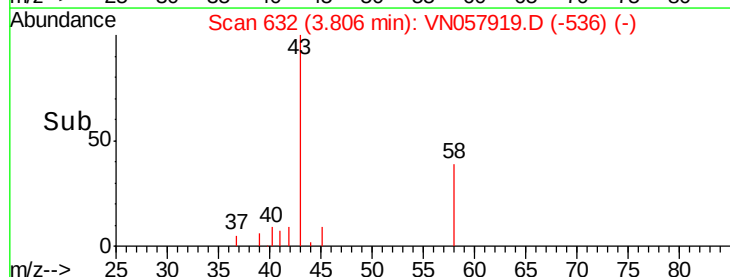
2000

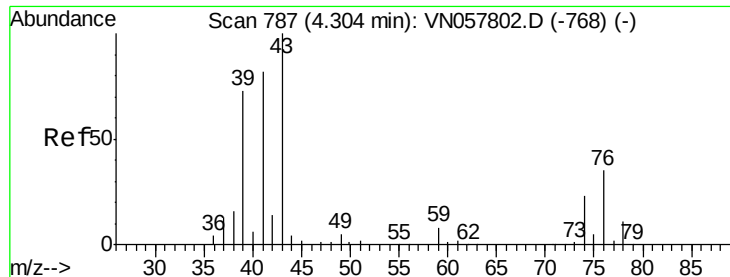
1000

0

3.70 3.80 3.90

Time-->

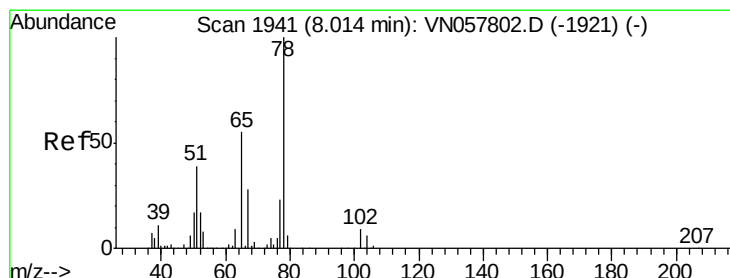
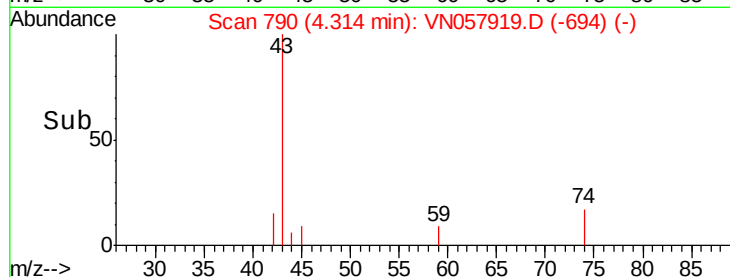
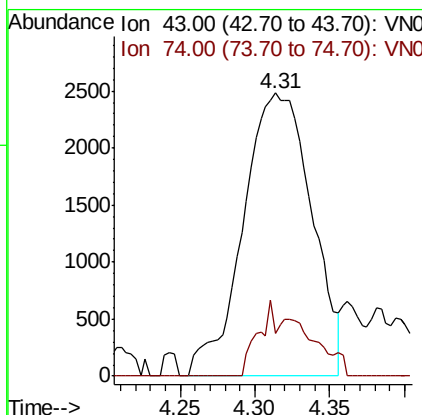
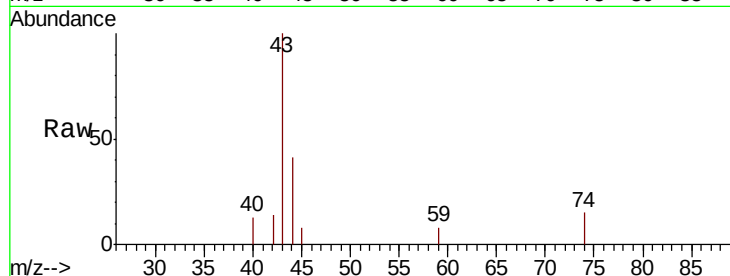




#18
Methyl Acetate
Concen: 1.577 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057919.D
Acq: 11 Sep 2019 12:51

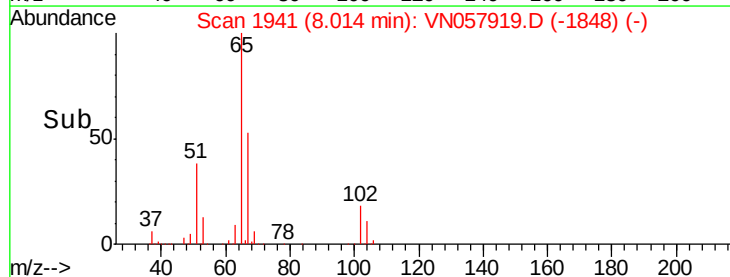
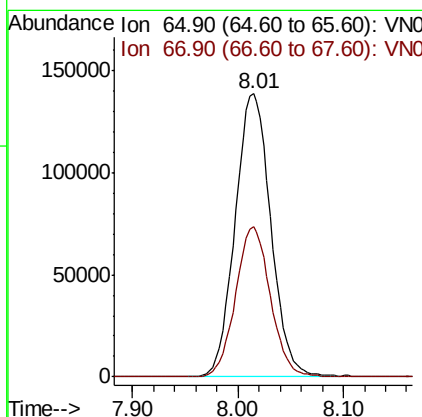
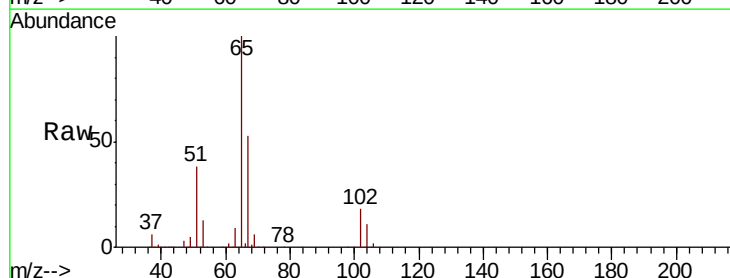
Instrument :
MSVOA_N
ClientSampled :
T11-C3-(4)

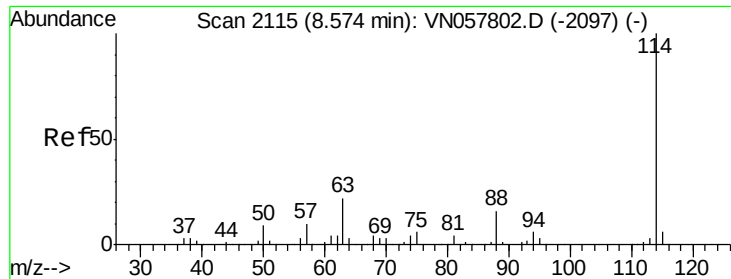
Tot Ion: 43 Resp: 7900
Ion Ratio Lower Upper
43 100
74 7.6 17.9 26.9#



#33
1,2-Dichloroethane-d4
Concen: 56.809 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057919.D
Acq: 11 Sep 2019 12:51

Tgt Ion: 65 Resp: 325632
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

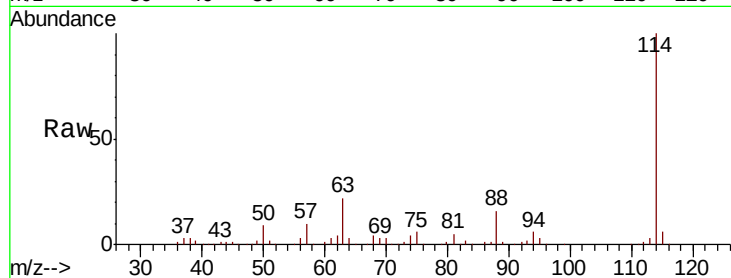




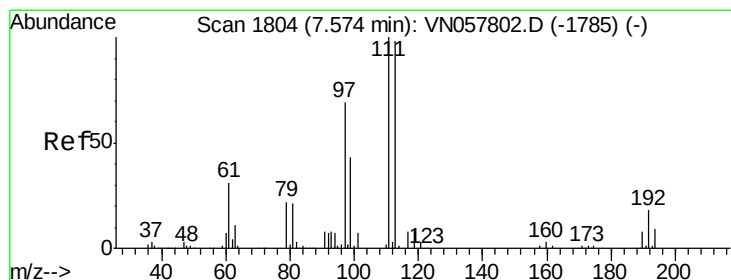
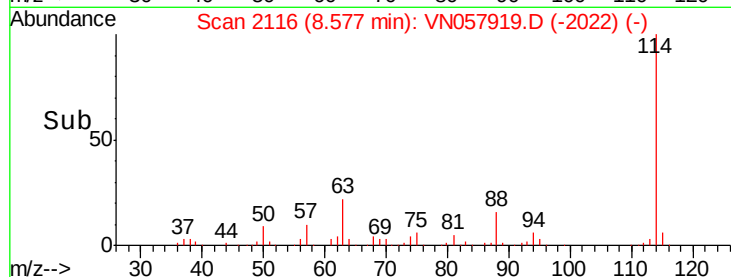
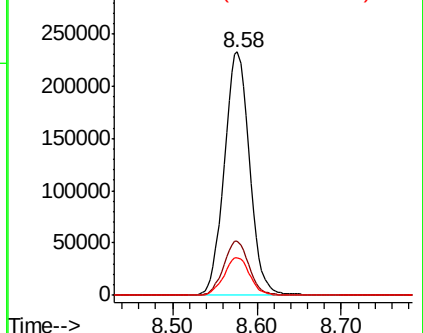
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057919.D
Acq: 11 Sep 2019 12:51

Instrument :
MSVOA_N
ClientSampleId :
T11-C3-(4)

Tot Ion:114 Resp: 485047
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 15.5 0.0 31.4

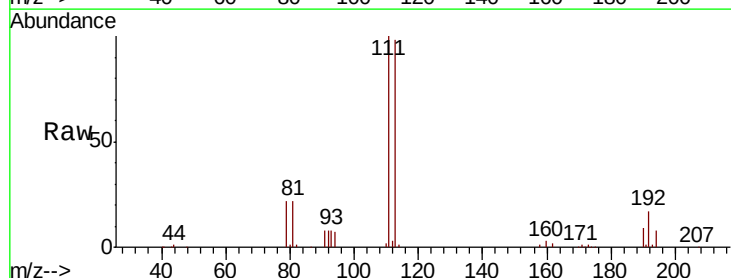


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

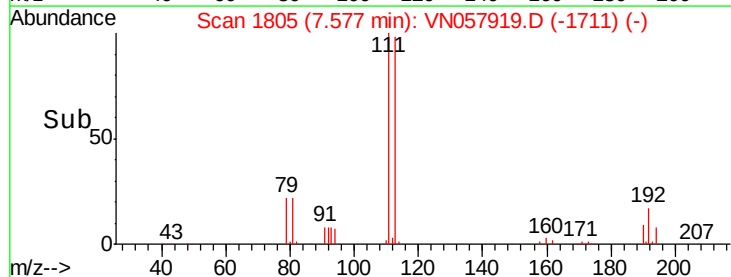
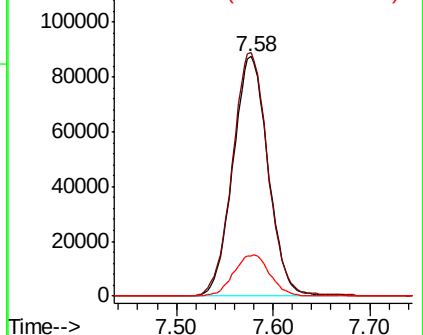


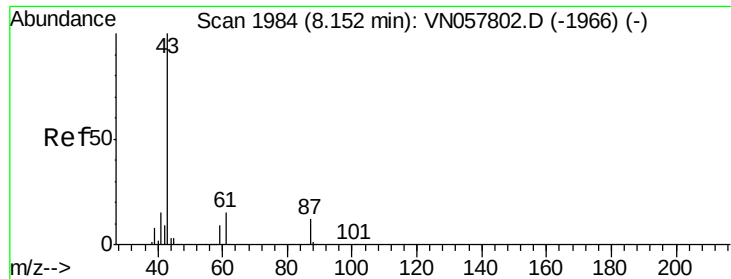
#35
Dibromofluoromethane
Concen: 49.411 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057919.D
Acq: 11 Sep 2019 12:51

Tgt Ion:113 Resp: 221202
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 17.7 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: 5.912 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057919.D

Acq: 11 Sep 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

T11-C3-(4)

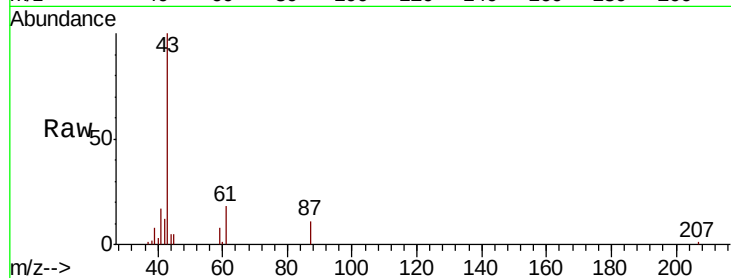
Tot Ion: 43 Resp: 57778

Ion Ratio Lower Upper

43 100

61 18.2 20.1 30.1#

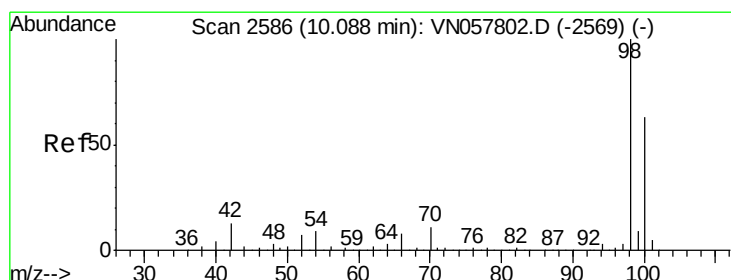
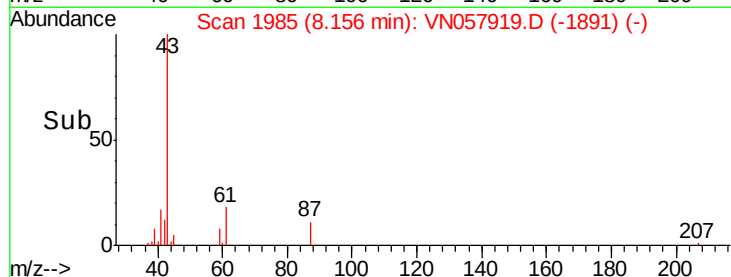
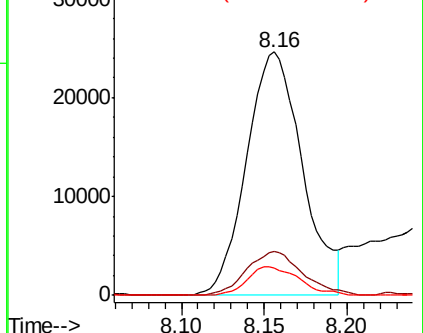
87 10.9 9.5 14.3



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: 51.162 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057919.D

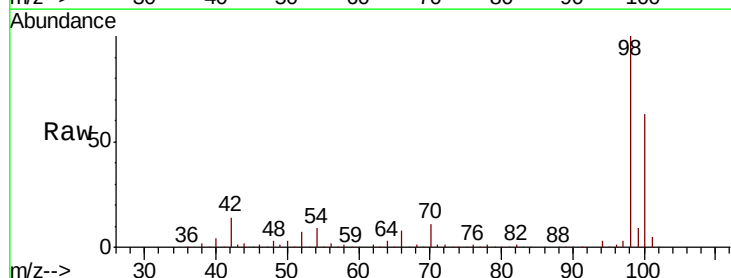
Acq: 11 Sep 2019 12:51

Tgt Ion: 98 Resp: 889270

Ion Ratio Lower Upper

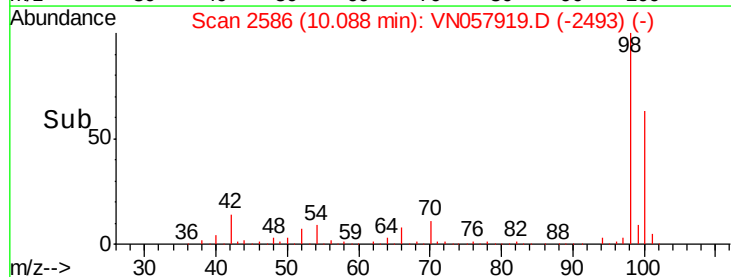
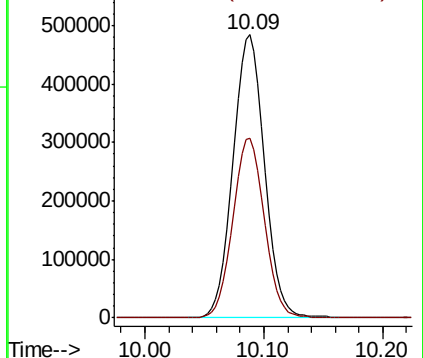
98 100

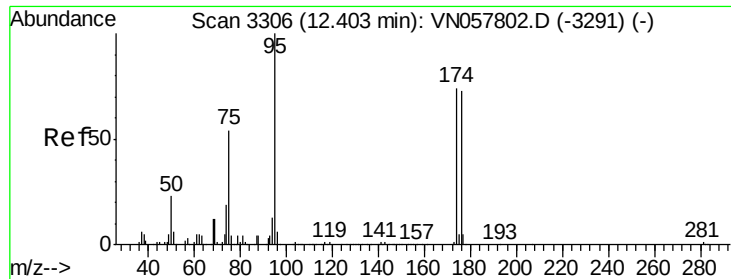
100 63.5 50.3 75.5



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

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

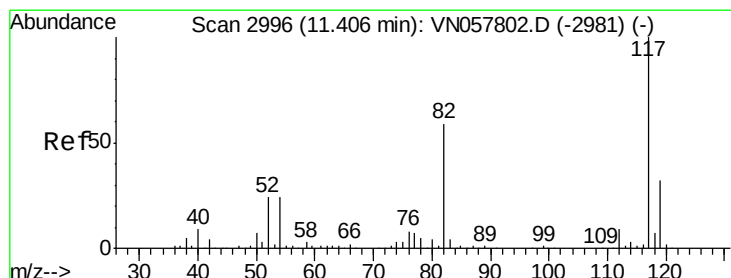
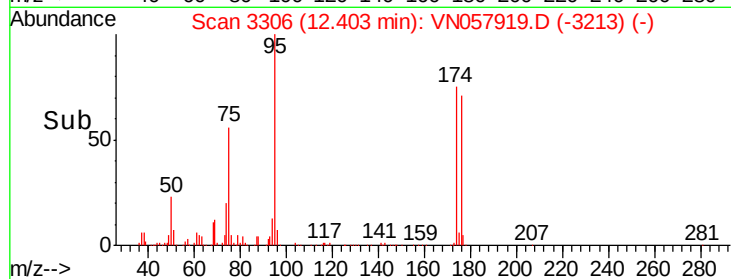
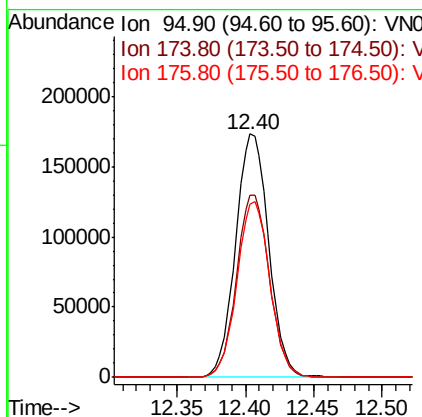
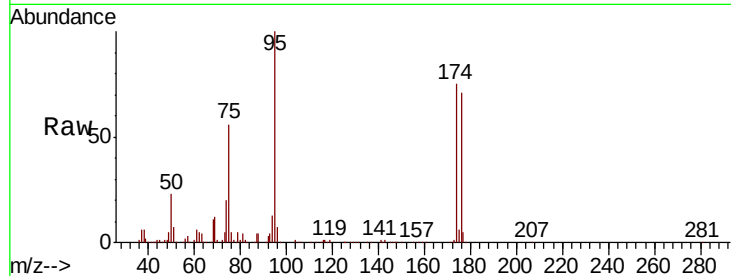




#62
4-Bromofluorobenzene
Concen: 44.169 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057919.D
Acq: 11 Sep 2019 12:51

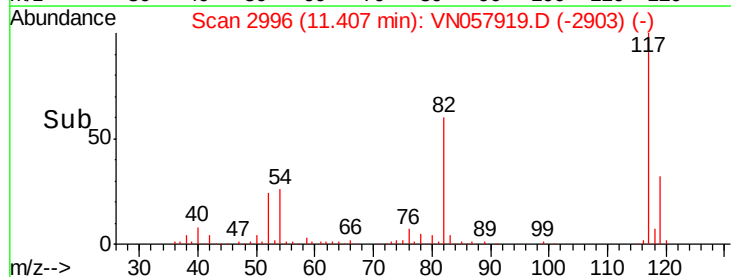
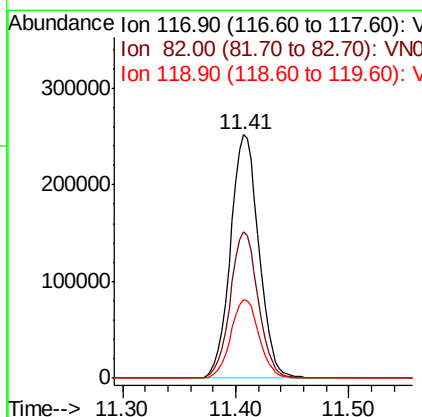
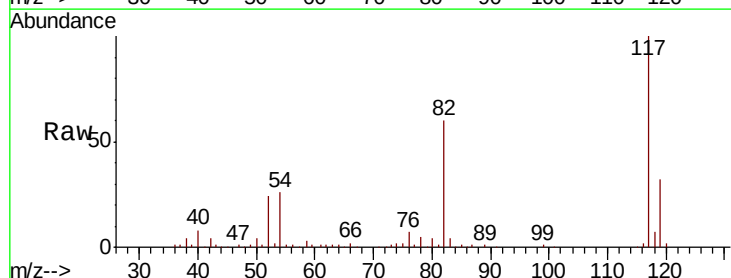
Instrument :
MSVOA_N
ClientSampleId :
T11-C3-(4)

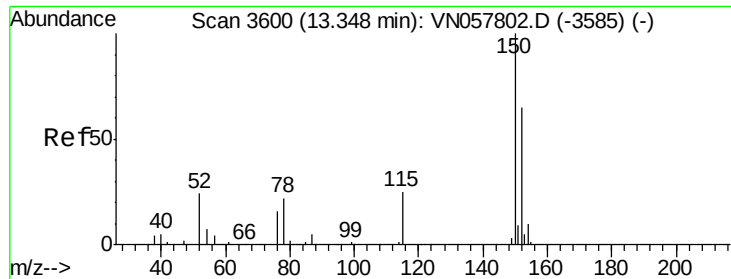
Tot Ion: 95 Resp: 292570
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.2
176 72.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057919.D
Acq: 11 Sep 2019 12:51

Tgt Ion: 117 Resp: 439369
Ion Ratio Lower Upper
117 100
82 60.0 47.2 70.8
119 32.2 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: VN057919.D

Acq: 11 Sep 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

T11-C3-(4)

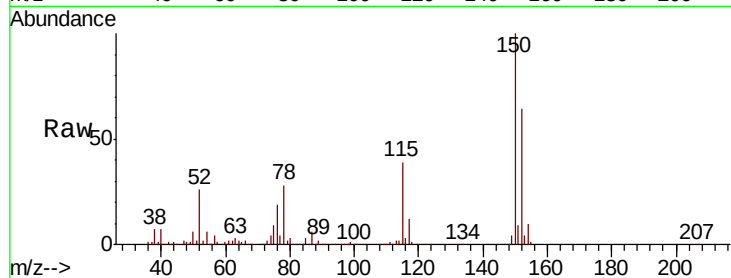
Tot Ion:152 Resp: 230754

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

150 156.4 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

