

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057486.D
 Acq On : 23 Aug 2019 21:19
 Operator : JC/SP
 Sample : K4472-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(2.5)

Quant Time: Aug 26 05:53:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

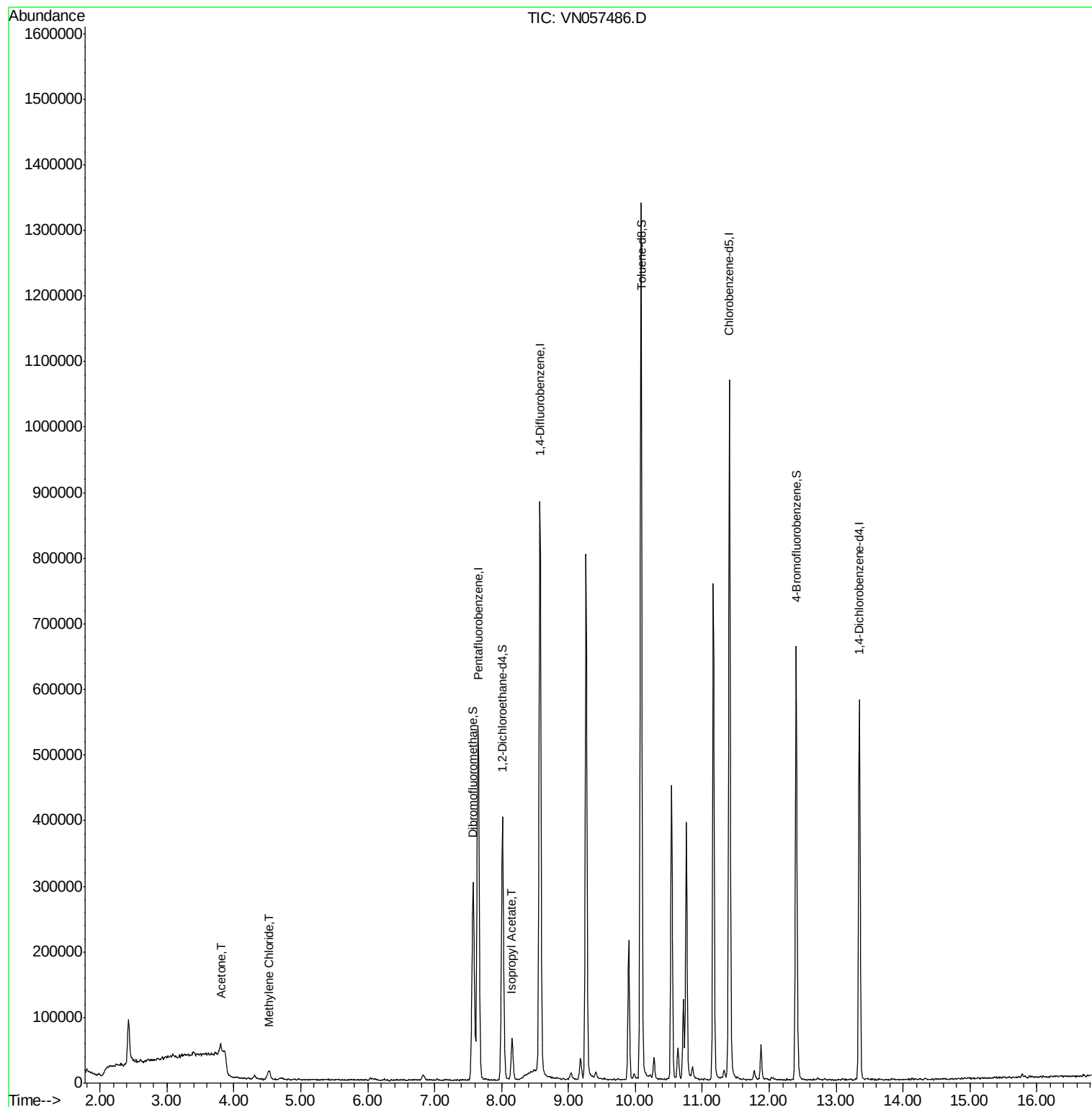
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	389964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	691638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	556948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	327117	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	7.57	113	221641	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.08	98	870322	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	237694	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
Target Compounds						
16) Acetone	3.80	43	21775	6.912	ug/l #	77
20) Methylene Chloride	4.53	84	8808	1.814	ug/l #	85
43) Isopropyl Acetate	8.16	43	76680	5.988	ug/l	100

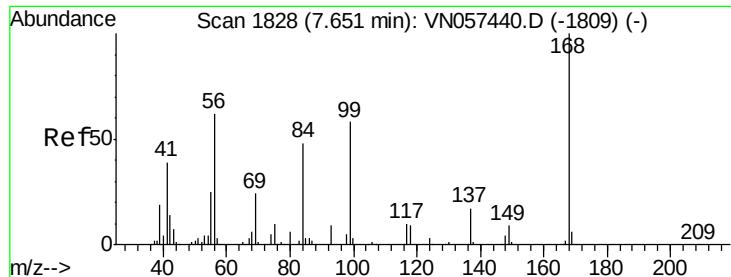
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
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QLast Update : Fri Aug 23 05:07:29 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: VN057486.D

Acq: 23 Aug 2019 21:19

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MSVOA_N

ClientSampleId :

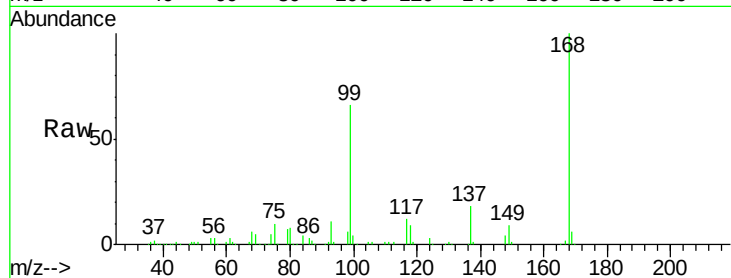
T2-S1(2.5)

Tot Ion:168 Resp: 389964

Ion Ratio Lower Upper

168 100

99 65.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.65

150000

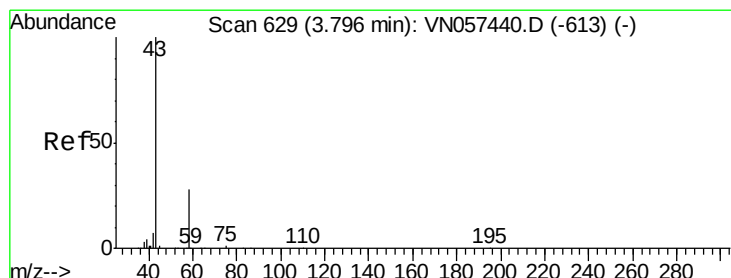
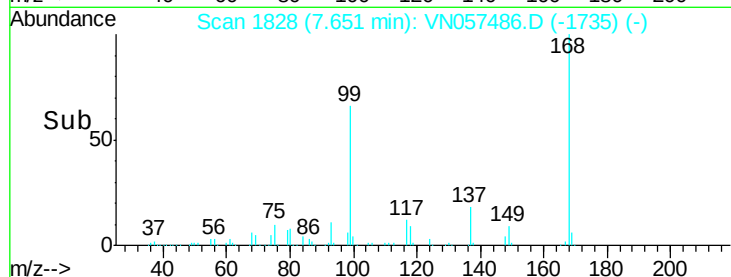
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 6.912 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057486.D

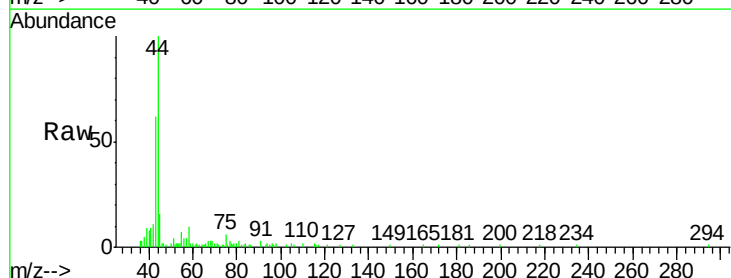
Acq: 23 Aug 2019 21:19

Tgt Ion: 43 Resp: 21775

Ion Ratio Lower Upper

43 100

58 15.8 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

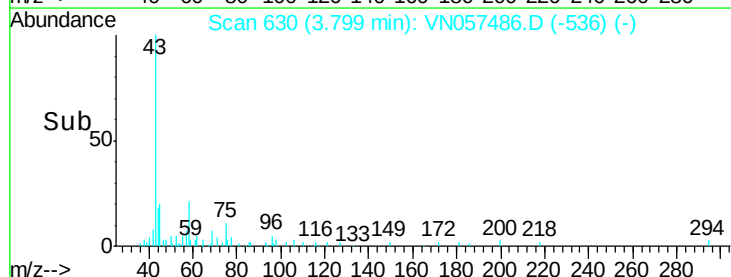
4000

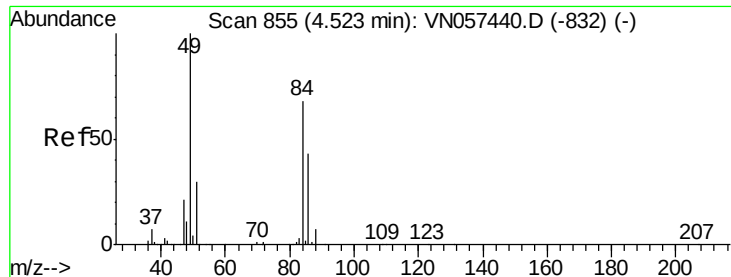
2000

0

3.70 3.75 3.80 3.85

Time-->

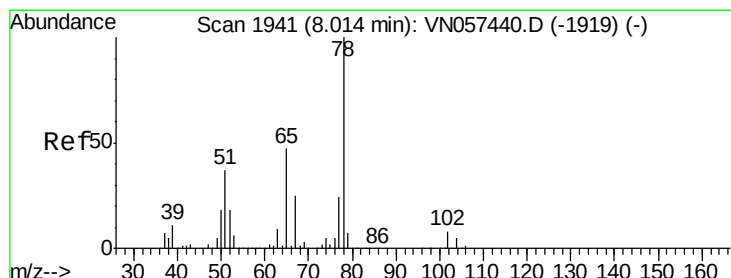
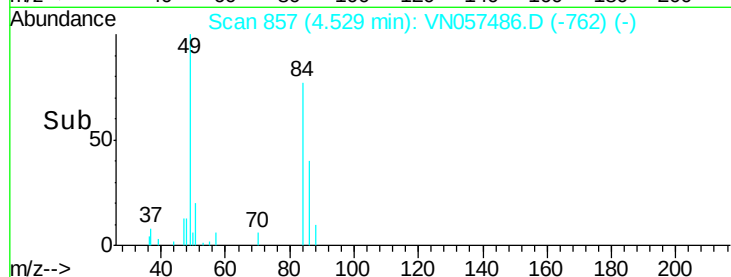
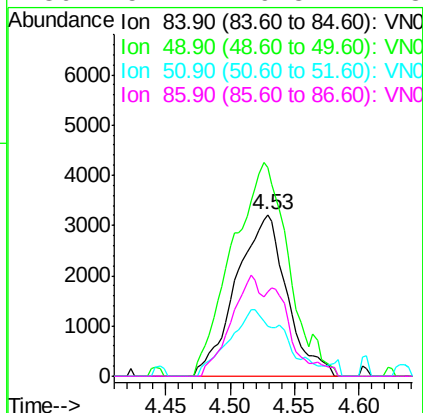
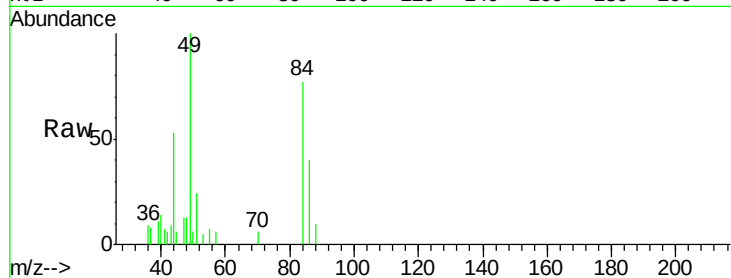




#20
Methylene Chloride
Concen: 1.814 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

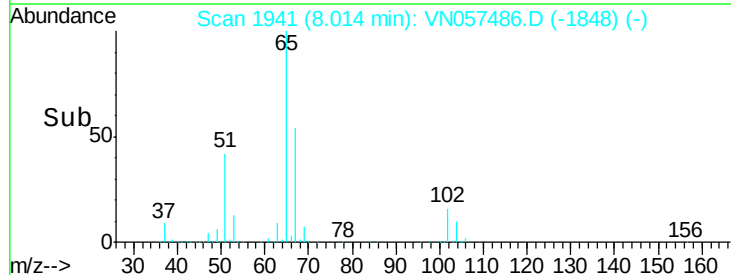
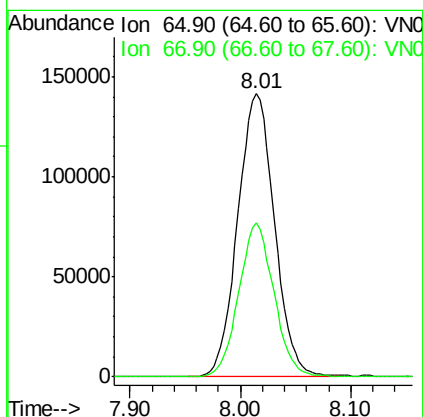
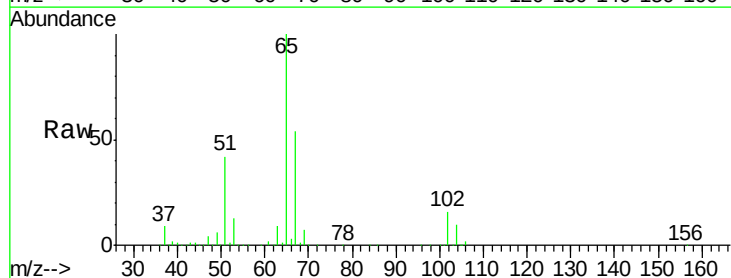
Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

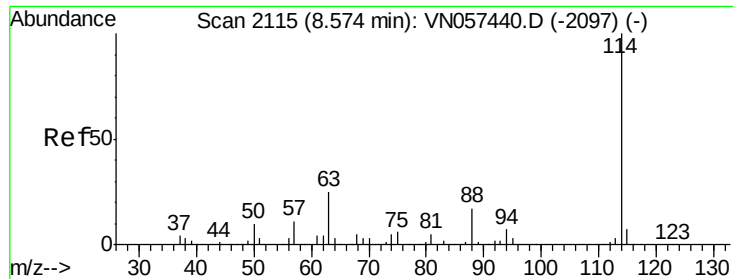
Tot Ion: 84 Resp: 8808
Ion Ratio Lower Upper
84 100
49 129.2 117.0 175.4
51 31.3 35.5 53.3#
86 52.2 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 47.685 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion: 65 Resp: 327117
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

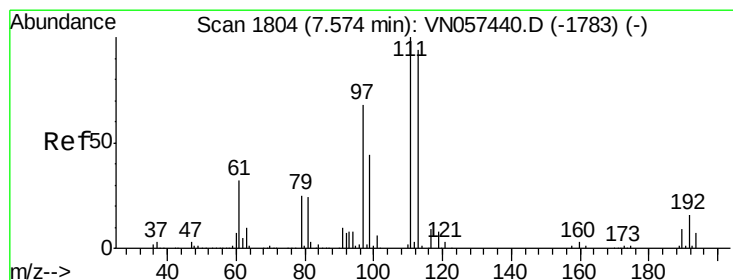
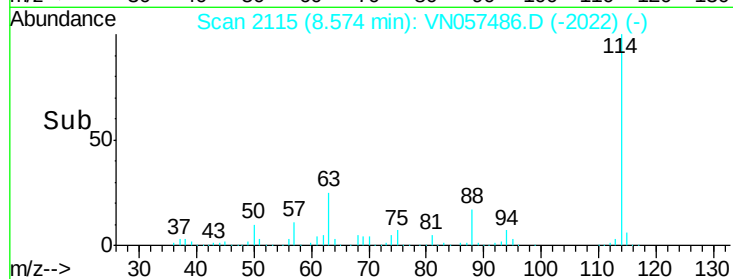
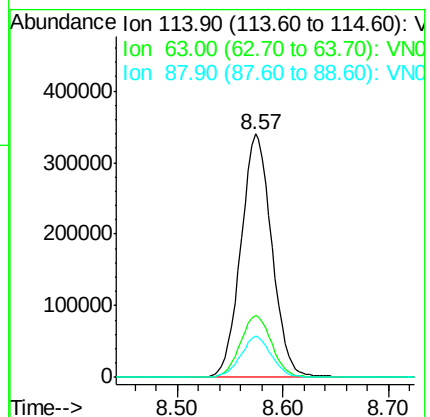
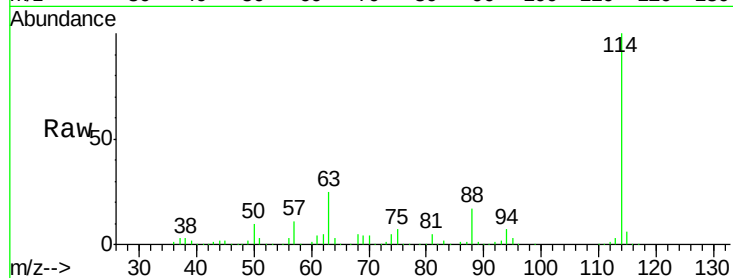




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

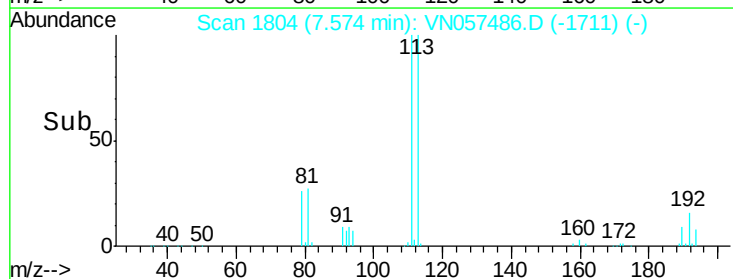
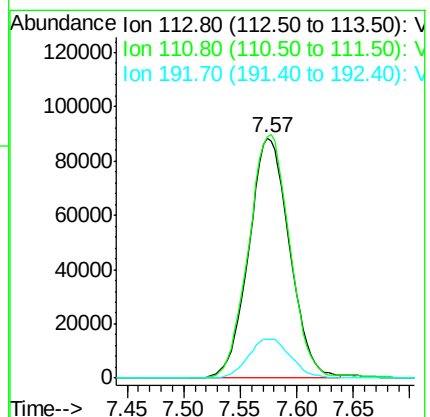
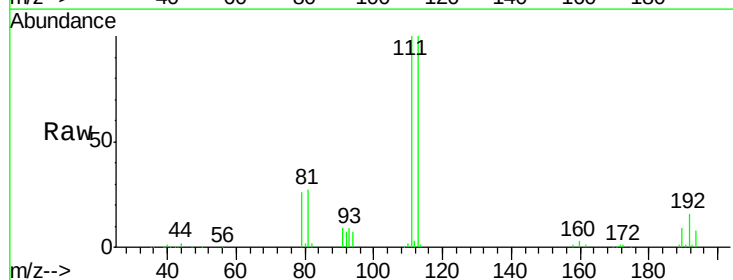
Instrument :
MSVOA_N
ClientSampleId :
T2-S1(2.5)

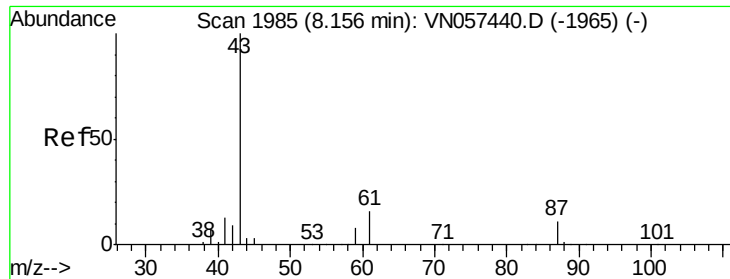
Tot Ion:114 Resp: 691638
Ion Ratio Lower Upper
114 100
63 25.4 0.0 50.2
88 17.0 0.0 34.6



#35
Dibromofluoromethane
Concen: 47.443 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057486.D
Acq: 23 Aug 2019 21:19

Tgt Ion:113 Resp: 221641
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.0 13.5 20.3





#43

Isopropyl Acetate

Concen: 5.988 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(2.5)

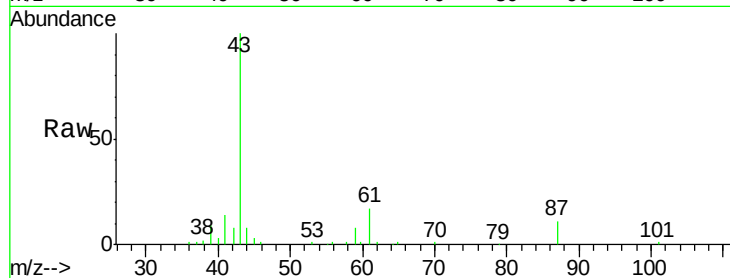
Tot Ion: 43 Resp: 76680

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

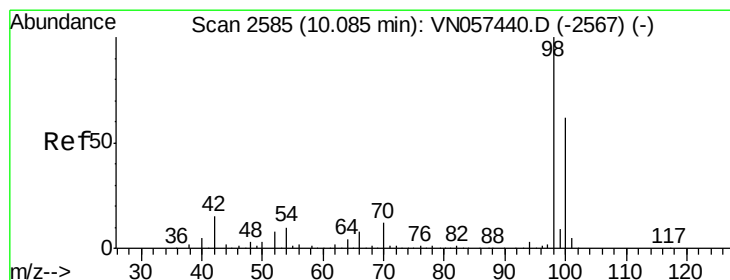
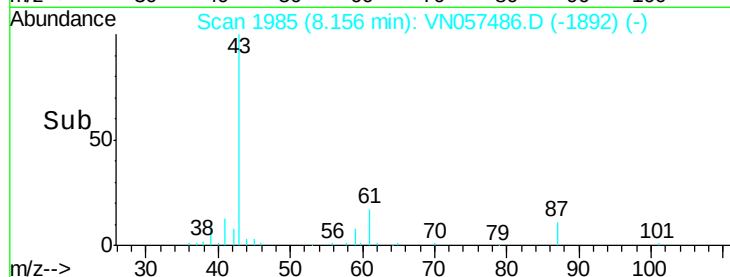
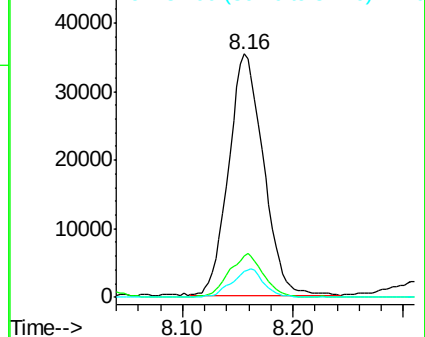
87 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#50

Toluene-d8

Concen: 49.269 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057486.D

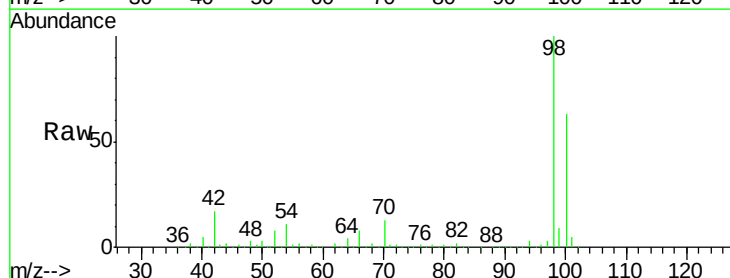
Acq: 23 Aug 2019 21:19

Tgt Ion: 98 Resp: 870322

Ion Ratio Lower Upper

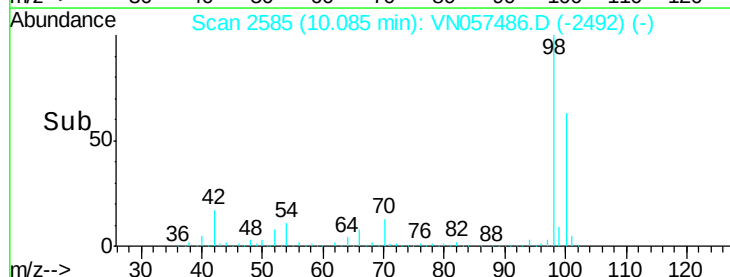
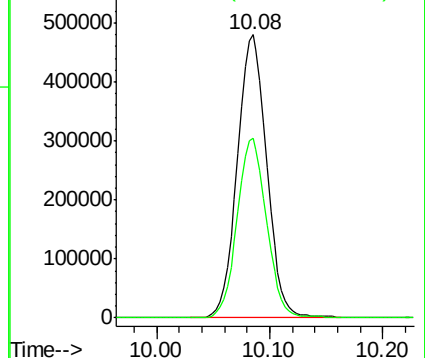
98 100

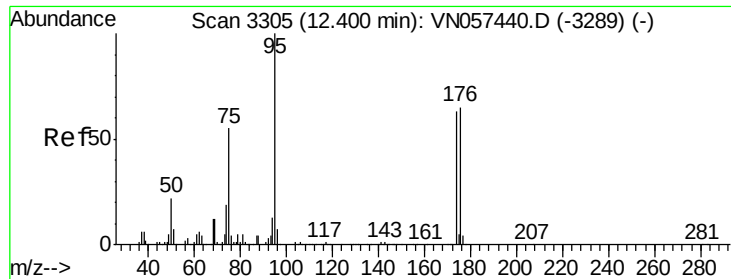
100 63.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 39.706 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(2.5)

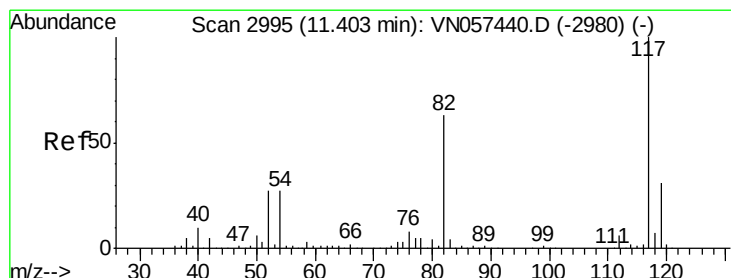
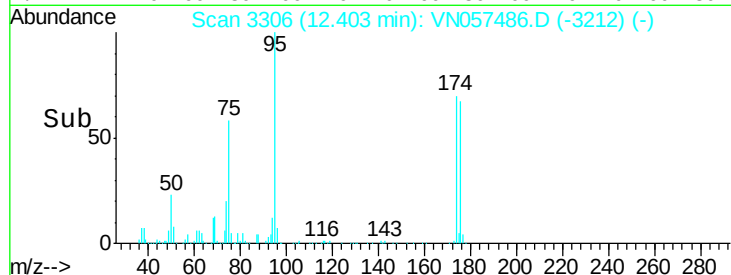
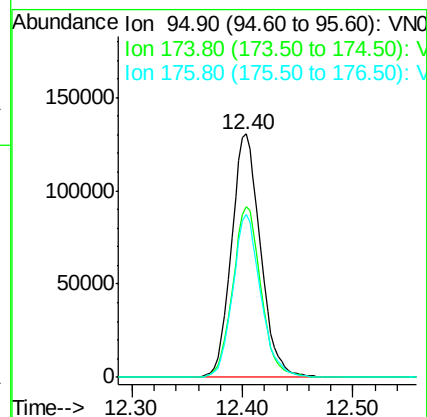
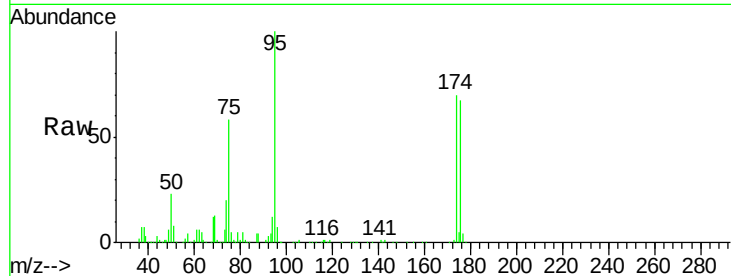
Tot Ion: 95 Resp: 237694

Ion Ratio Lower Upper

95 100

174 68.1 0.0 133.0

176 64.7 0.0 130.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

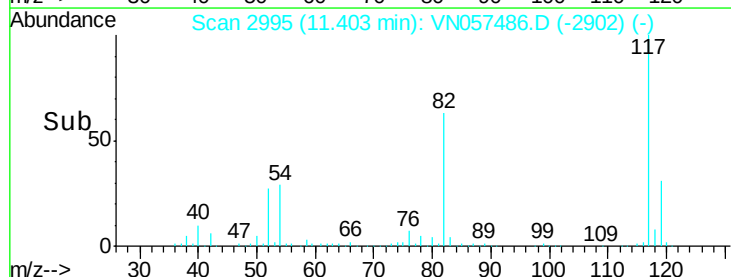
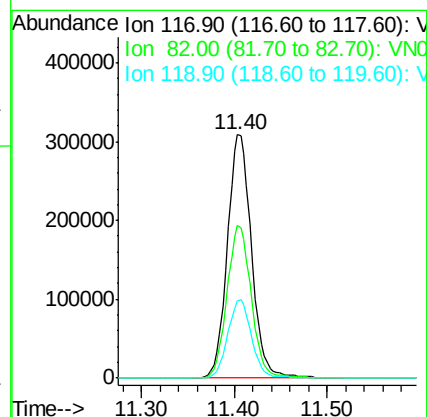
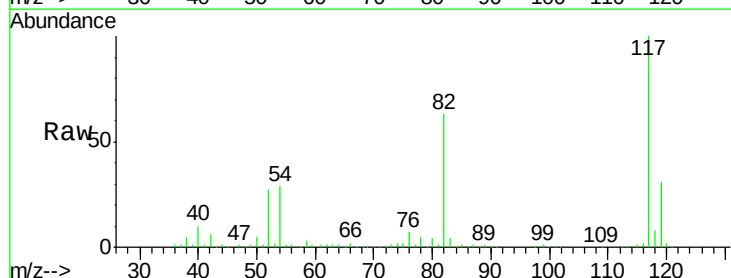
Tgt Ion: 117 Resp: 556948

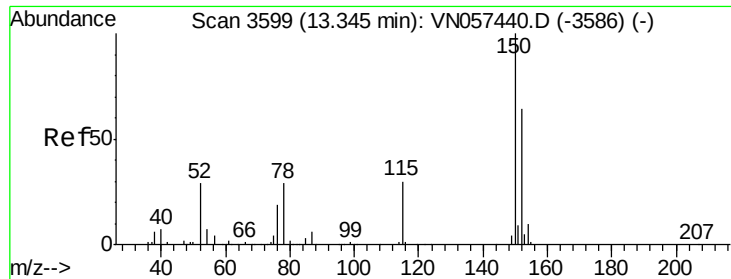
Ion Ratio Lower Upper

117 100

82 62.5 50.6 75.8

119 31.5 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057486.D

Acq: 23 Aug 2019 21:19

Instrument :

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ClientSampleId :

T2-S1(2.5)

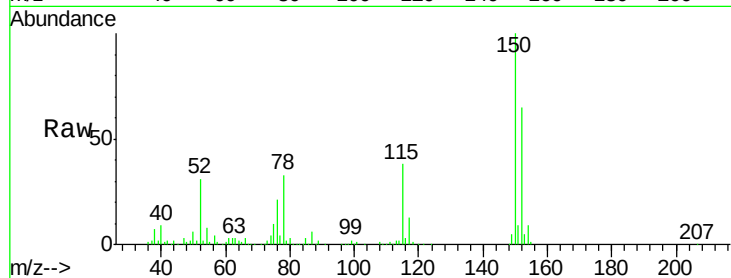
Tot Ion:152 Resp: 140046

Ion Ratio Lower Upper

152 100

115 63.0 32.0 96.0

150 154.4 0.0 346.6



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

