

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057229.D
 Acq On : 12 Aug 2019 20:53
 Operator : JC/SP
 Sample : K4229-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-C4-(1)

Quant Time: Aug 13 03:25:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

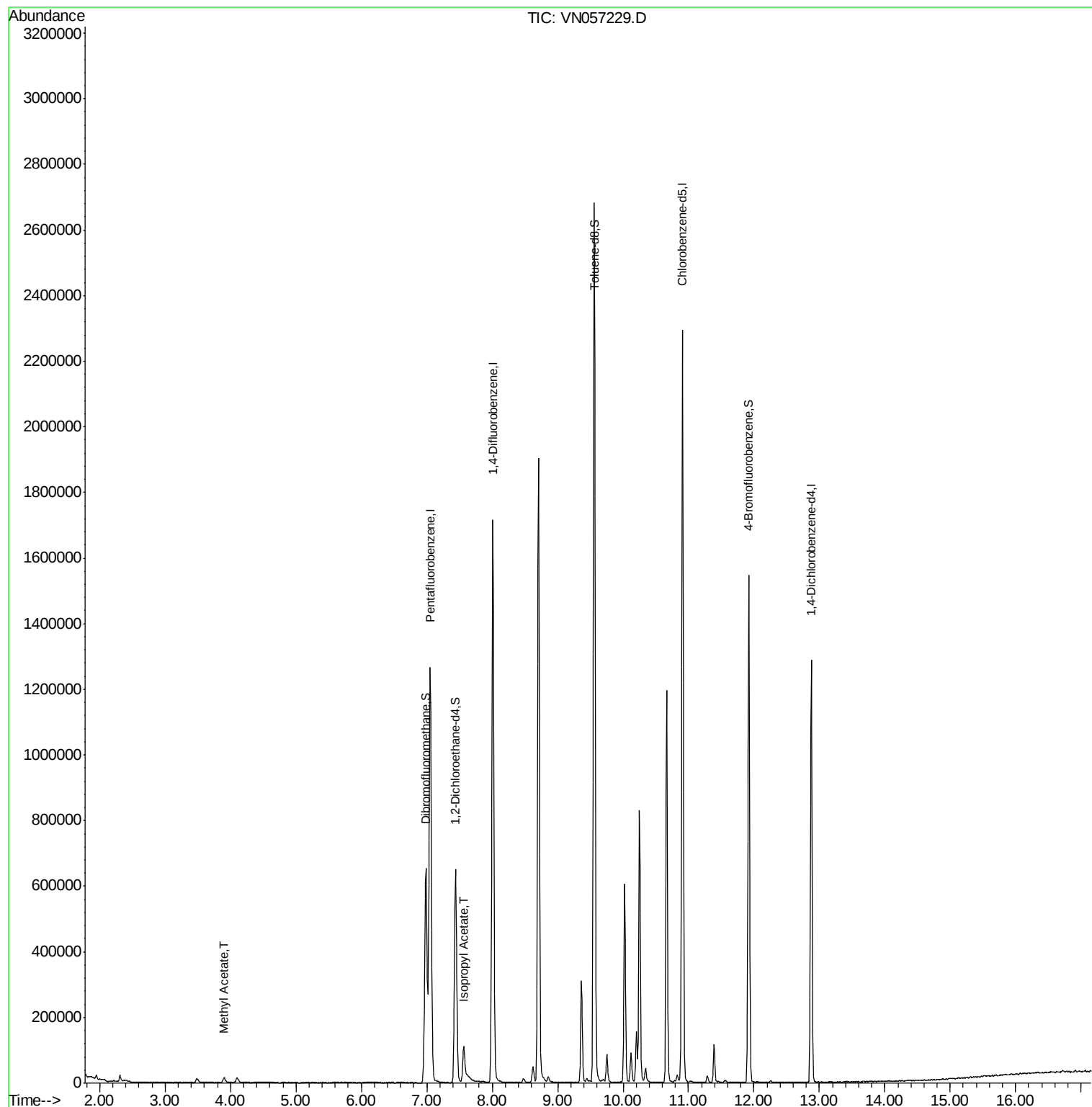
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1221599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1728788	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1469515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	380126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	577691	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	6.99	113	523600	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	9.56	98	2011754	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.92	95	535005	40.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.02%	
Target Compounds						
18) Methyl Acetate	3.90	43	24239	1.507	ug/l	99
43) Isopropyl Acetate	7.56	43	158886	7.935	ug/l #	81

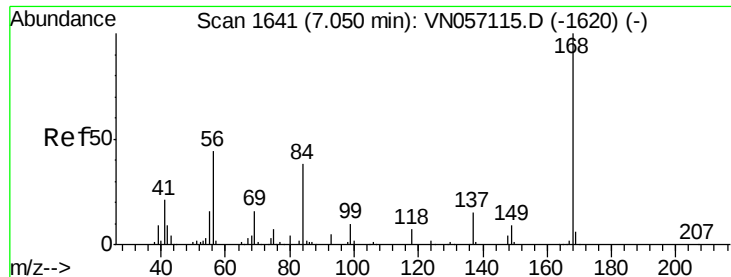
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\
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QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057229.D

Acq: 12 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

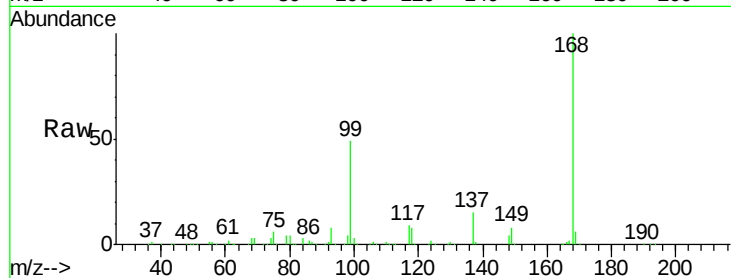
2S-C4-(1)

Tot Ion:168 Resp: 1221599

Ion Ratio Lower Upper

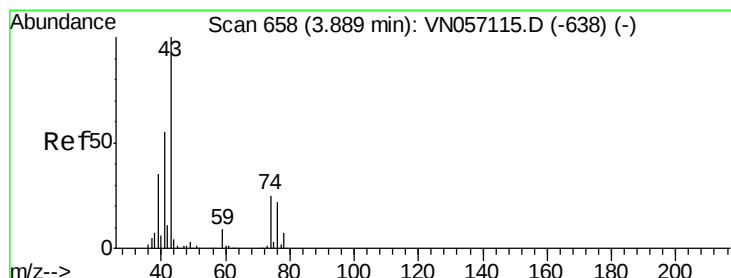
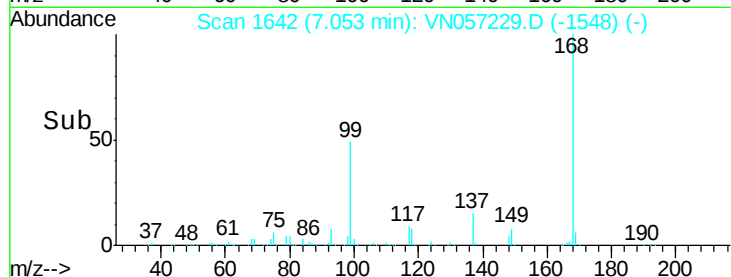
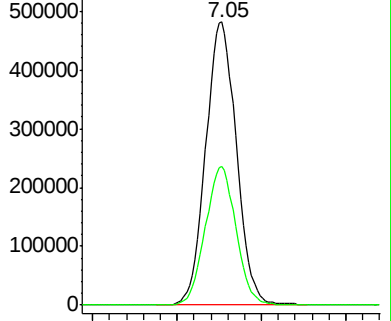
168 100

99 49.1 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 1.507 ug/l

RT: 3.90 min Scan# 662

Delta R.T. 0.01 min

Lab File: VN057229.D

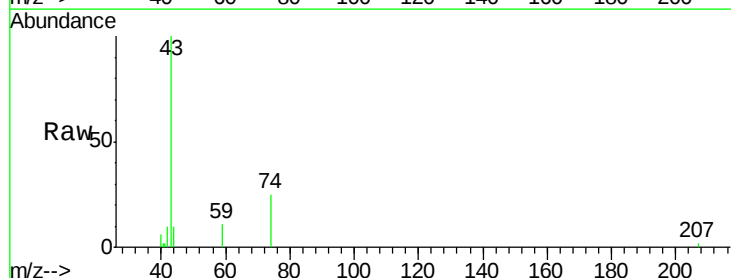
Acq: 12 Aug 2019 20:53

Tgt Ion: 43 Resp: 24239

Ion Ratio Lower Upper

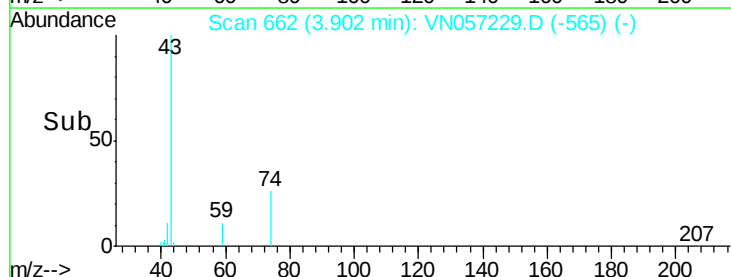
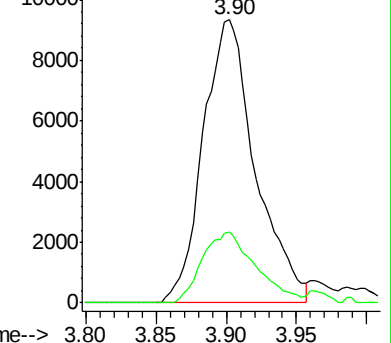
43 100

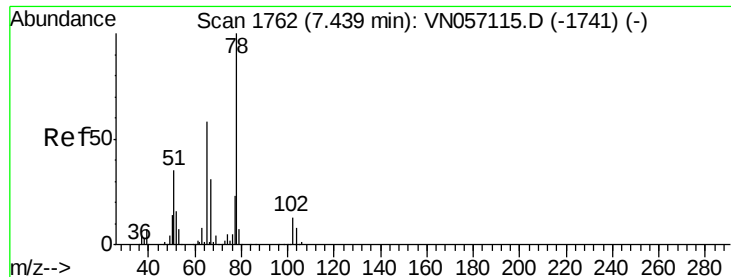
74 25.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 45.983 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VN057229.D

Acq: 12 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

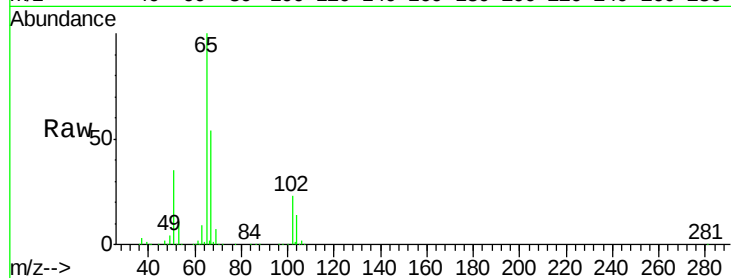
2S-C4-(1)

Tot Ion: 65 Resp: 577691

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN057229.D (-1669) (-)

Ion 66.90 (66.60 to 67.60): VN057229.D (-1669) (-)

7.44

250000

200000

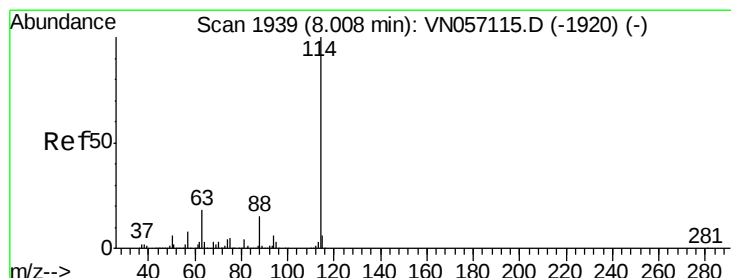
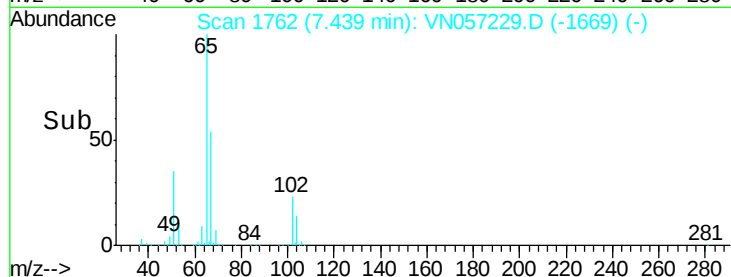
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN057229.D

Acq: 12 Aug 2019 20:53

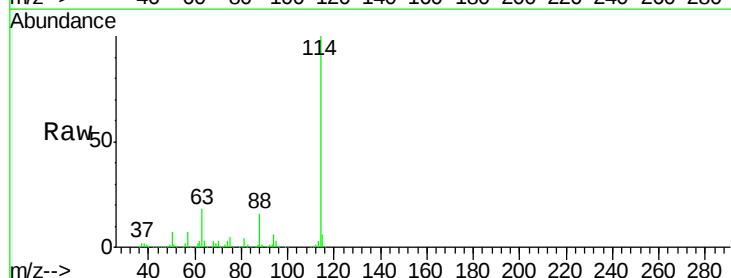
Tgt Ion: 114 Resp: 1728788

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

88 15.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): VN057229.D (-1846) (-)

Ion 63.00 (62.70 to 63.70): VN057229.D (-1846) (-)

Ion 87.90 (87.60 to 88.60): VN057229.D (-1846) (-)

8.01

1000000

800000

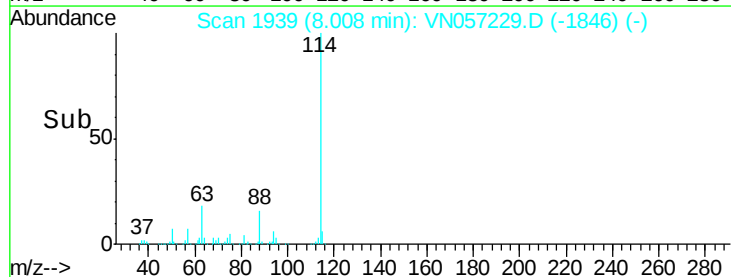
600000

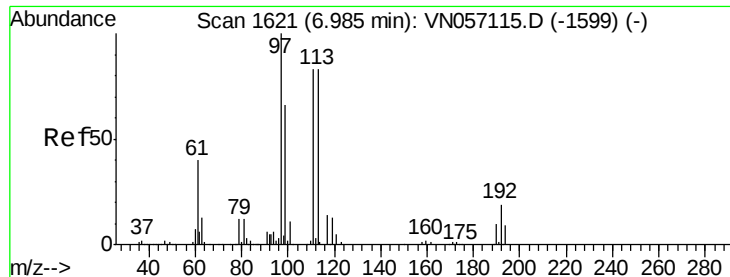
400000

200000

0

Time-->

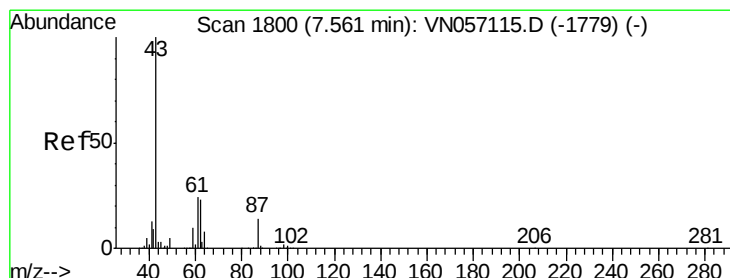
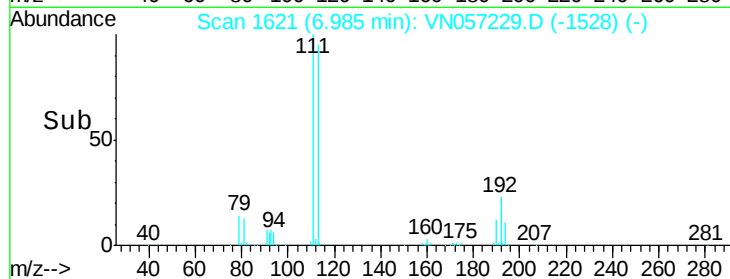
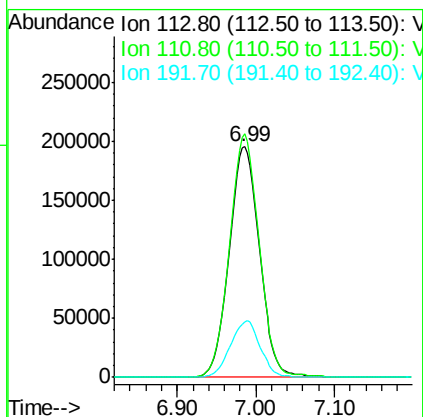
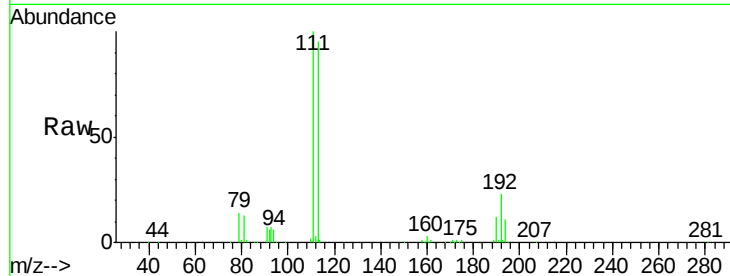




#35
 Dibromofluoromethane
 Concen: 48.265 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057229.D
 Acq: 12 Aug 2019 20:53

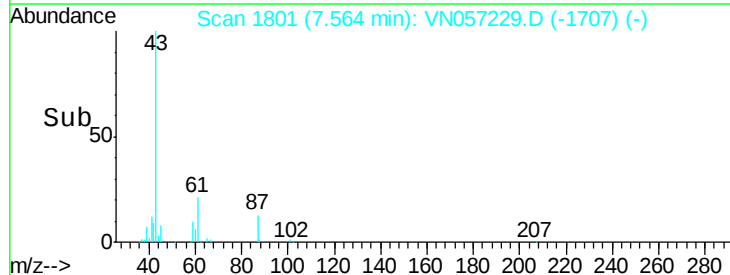
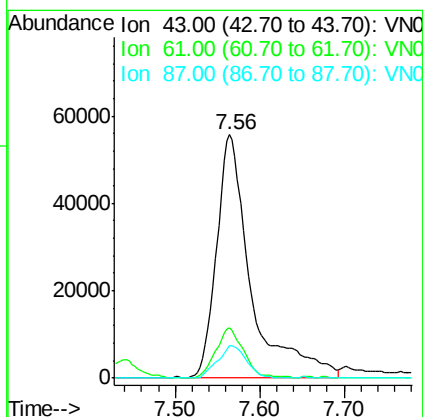
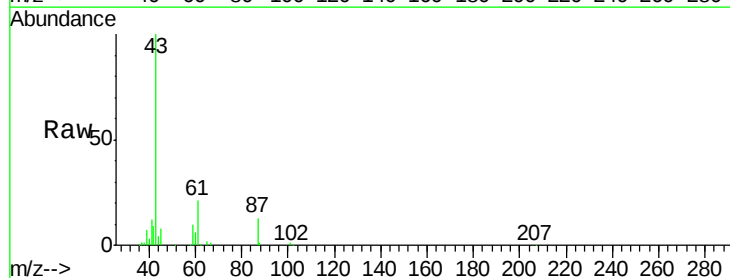
Instrument :
 MSVOA_N
 ClientSampled :
 2S-C4-(1)

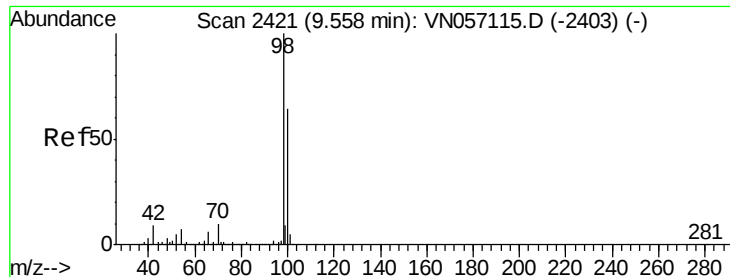
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.3	121.9
192	24.3	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 7.935 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN057229.D
 Acq: 12 Aug 2019 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	24.2	36.2#
87	11.1	11.8	17.8#





#50

Toluene-d8

Concen: 48.471 ug/l

RT: 9.56 min Scan# 2422

Delta R.T. 0.00 min

Lab File: VN057229.D

Acq: 12 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

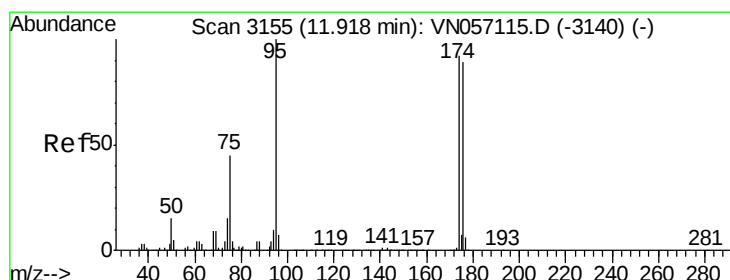
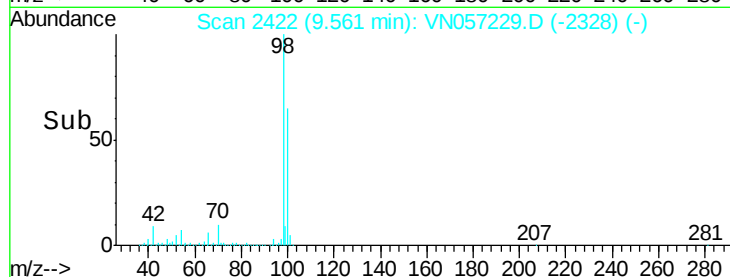
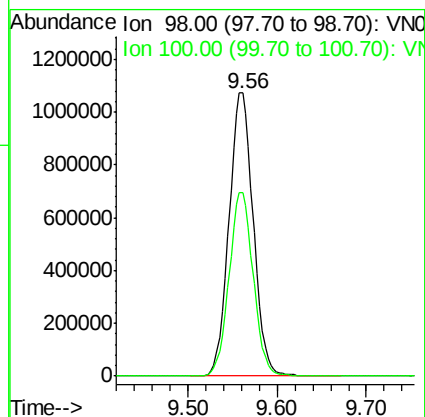
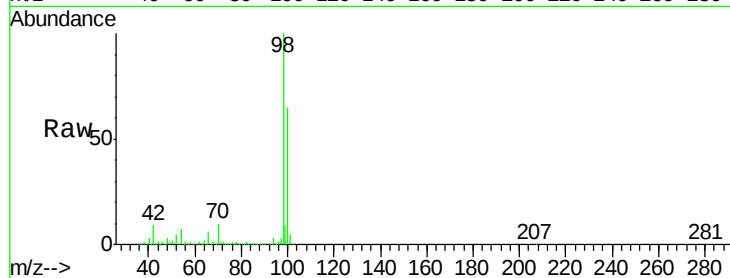
2S-C4-(1)

Tot Ion: 98 Resp: 2011754

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 40.006 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057229.D

Acq: 12 Aug 2019 20:53

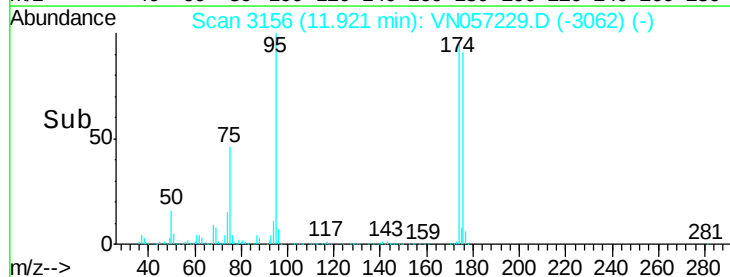
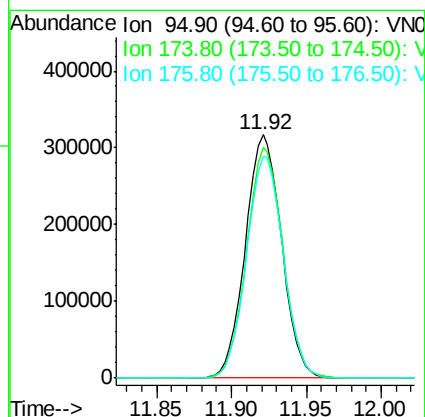
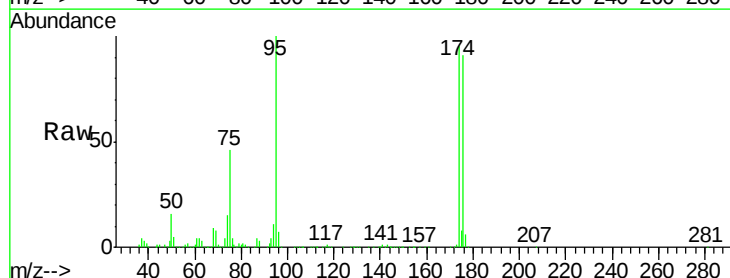
Tgt Ion: 95 Resp: 535005

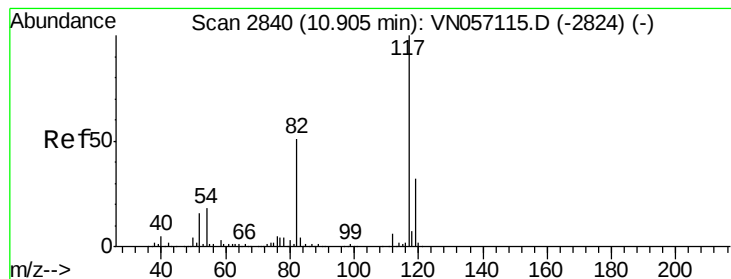
Ion Ratio Lower Upper

95 100

174 95.4 0.0 185.0

176 92.2 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057229.D

Acq: 12 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

2S-C4-(1)

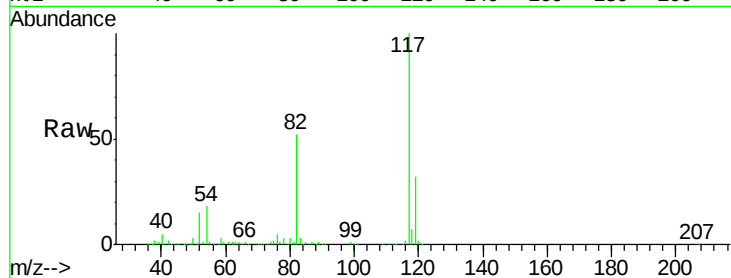
Tot Ion:117 Resp: 1469515

Ion Ratio Lower Upper

117 100

82 51.9 40.8 61.2

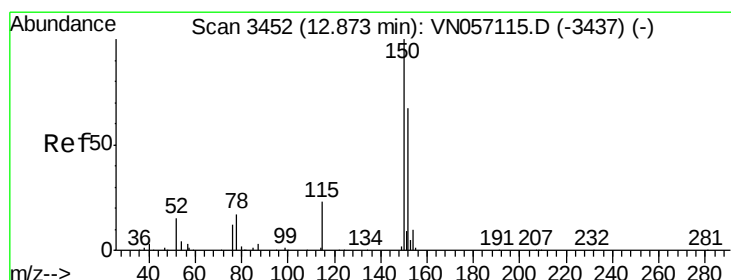
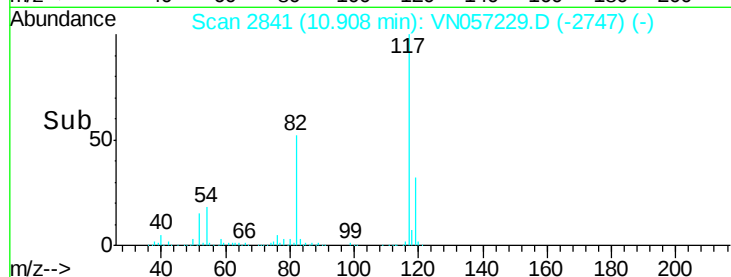
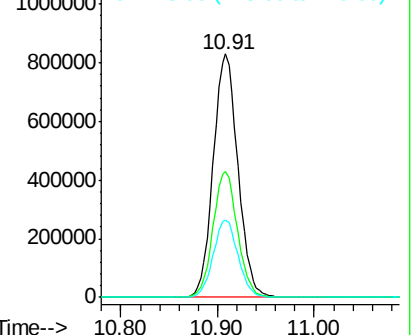
119 31.9 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057229.D

Acq: 12 Aug 2019 20:53

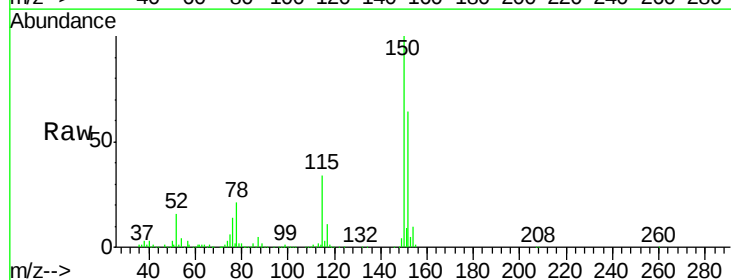
Tgt Ion:152 Resp: 380126

Ion Ratio Lower Upper

152 100

115 54.0 27.5 82.5

150 155.7 0.0 341.6



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

