

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058364.D
 Acq On : 25 Sep 2019 14:05
 Operator : JC/SP
 Sample : K5010-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BSP-2

Quant Time: Sep 26 03:41:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

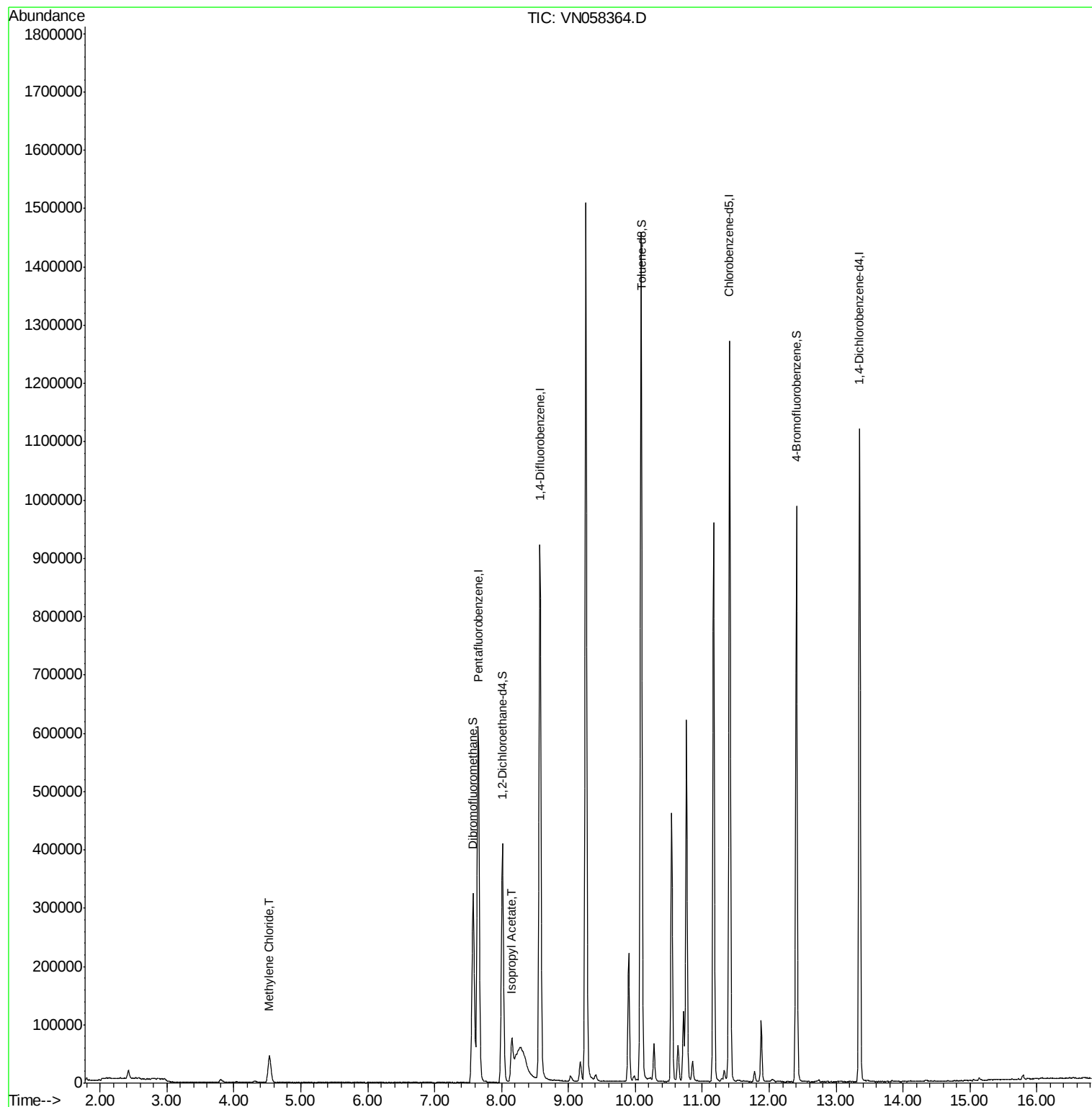
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	478630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	794322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	352525	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.58	113	247481	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.08	98	1017078	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.41	95	332086	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
Target Compounds						
20) Methylene Chloride	4.53	84	32394	7.990	ug/l	96
43) Isopropyl Acetate	8.15	43	108623	9.784	ug/l #	86

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

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QLast Update : Thu Sep 19 09:27:53 2019
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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: VN058364.D

Acq: 25 Sep 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

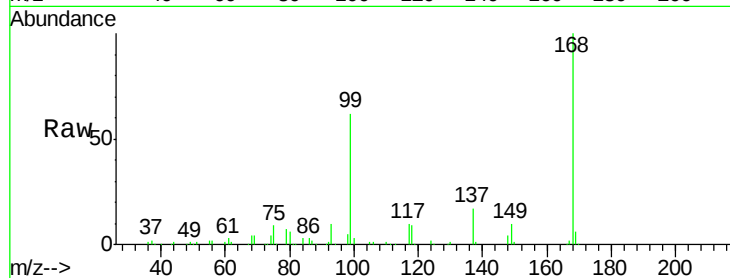
BSP-2

Tot Ion:168 Resp: 478630

Ion Ratio Lower Upper

168 100

99 61.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

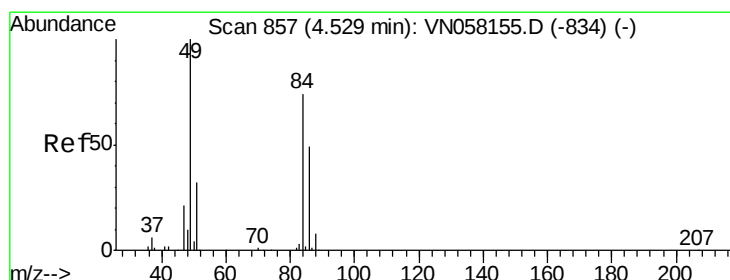
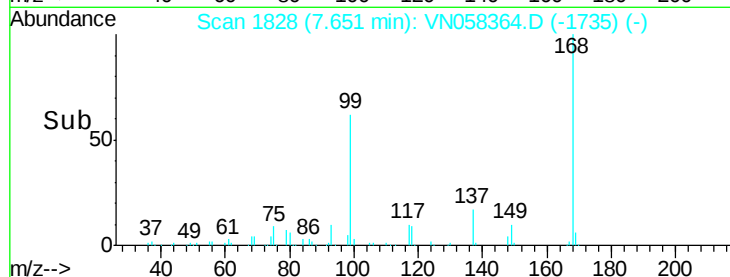
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 7.990 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058364.D

Acq: 25 Sep 2019 14:05

Tgt Ion: 84 Resp: 32394

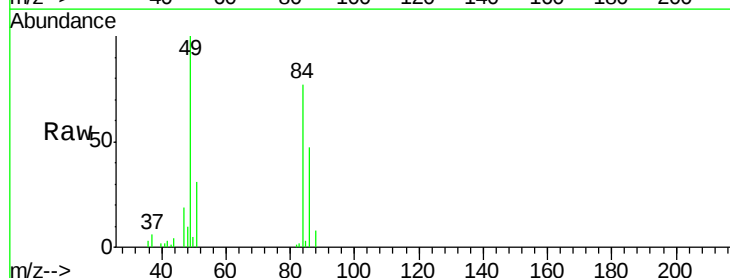
Ion Ratio Lower Upper

84 100

49 130.4 107.5 161.3

51 40.9 33.9 50.9

86 61.9 52.4 78.6



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

20000

15000

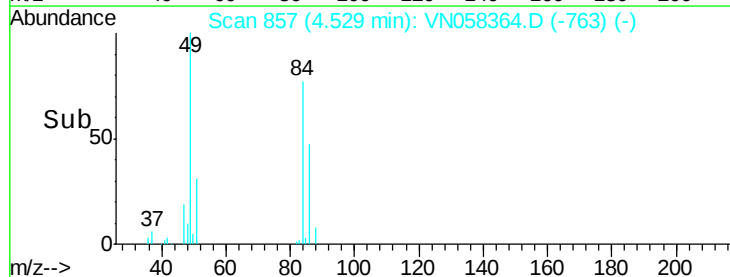
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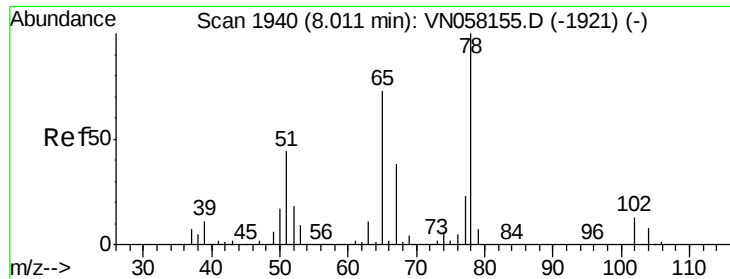
5000

0

4.40 4.50 4.60

Time-->

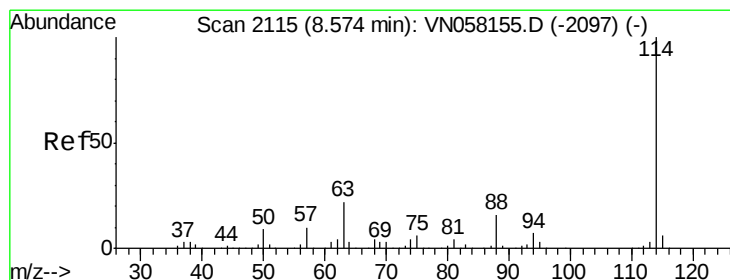
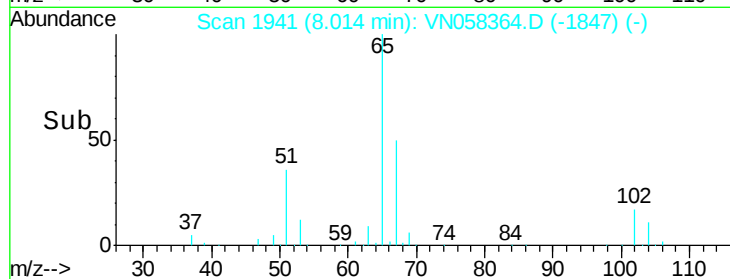
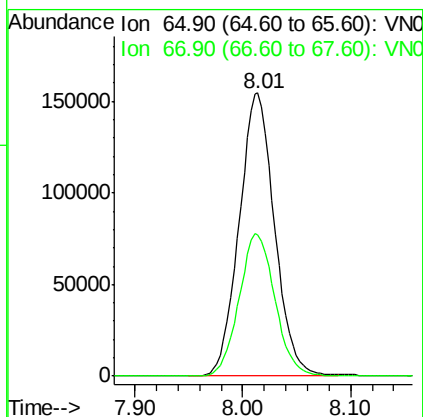
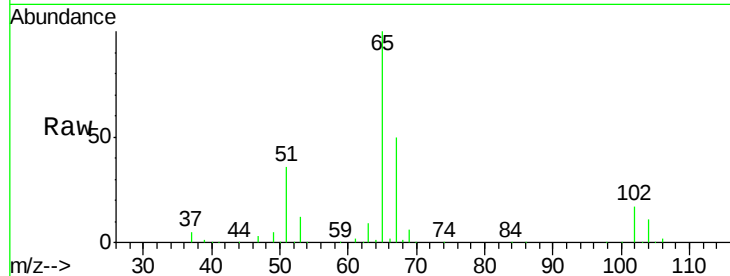




#33
 1,2-Dichloroethane-d4
 Concen: 52.881 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058364.D
 Acq: 25 Sep 2019 14:05

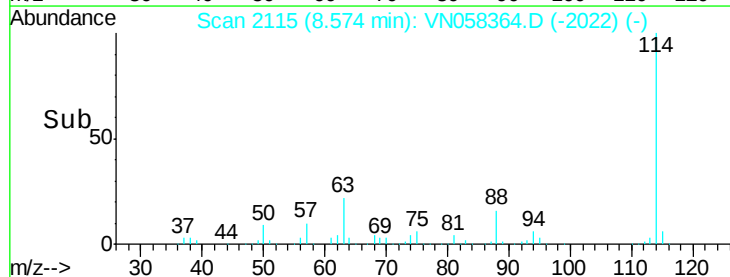
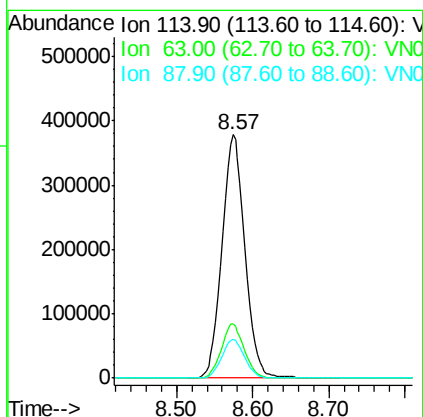
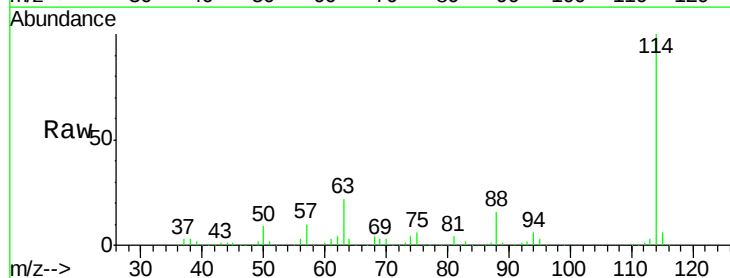
Instrument :
 MSVOA_N
 ClientSampleId :
 BSP-2

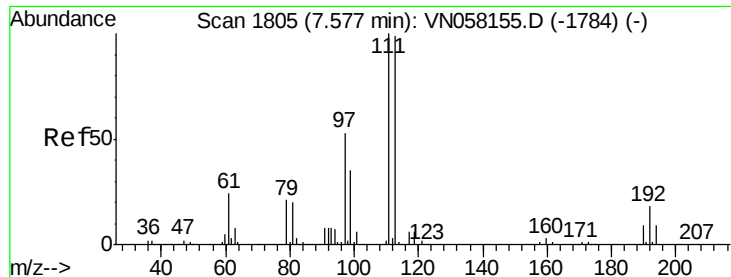
Tot Ion: 65 Resp: 352525
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058364.D
 Acq: 25 Sep 2019 14:05

Tgt Ion: 114 Resp: 794322
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.2
 88 15.7 0.0 31.6

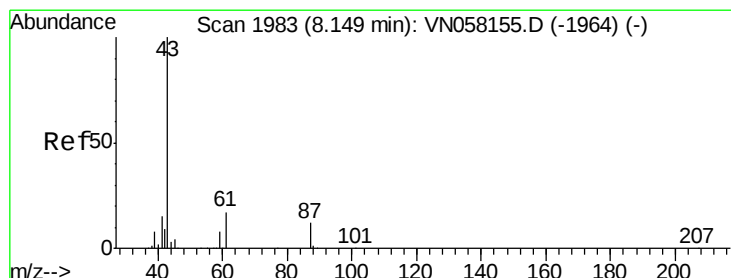
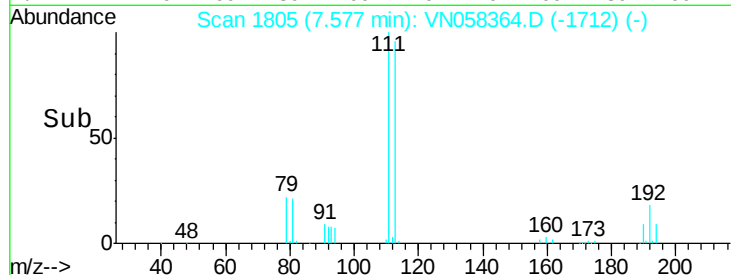
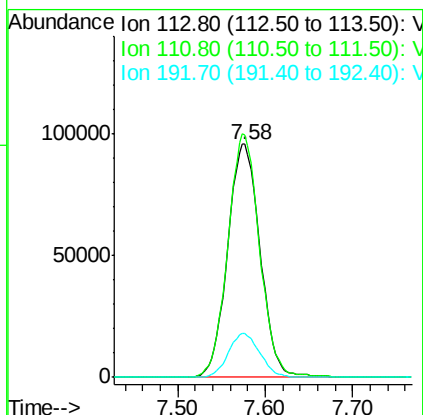
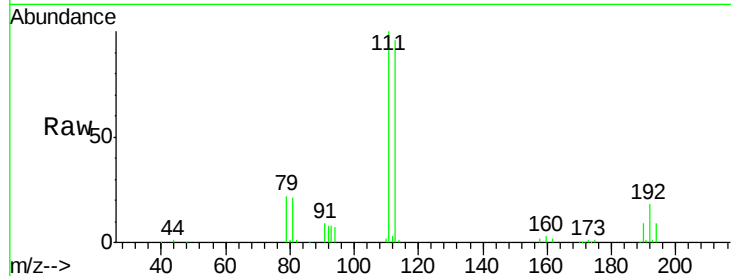




#35
 Dibromofluoromethane
 Concen: 51.251 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058364.D
 Acq: 25 Sep 2019 14:05

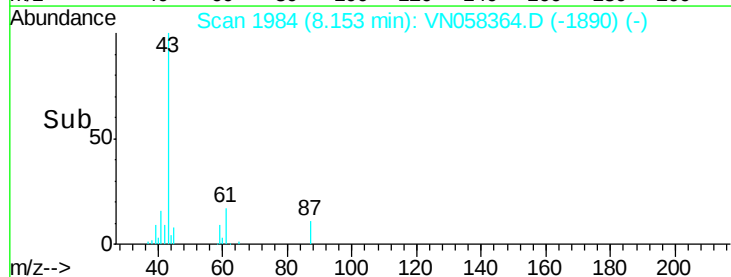
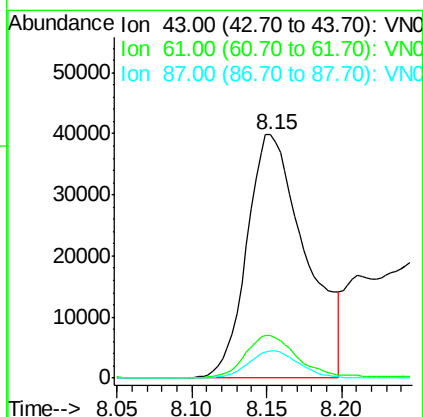
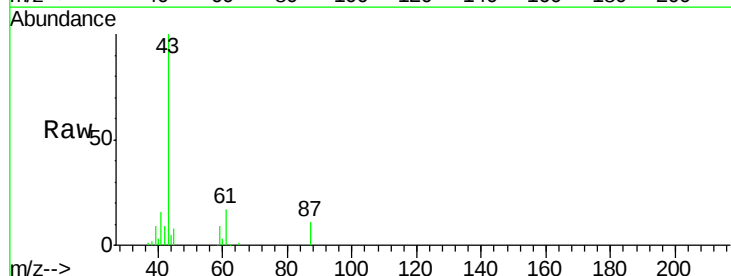
Instrument :
 MSVOA_N
 ClientSampled :
 BSP-2

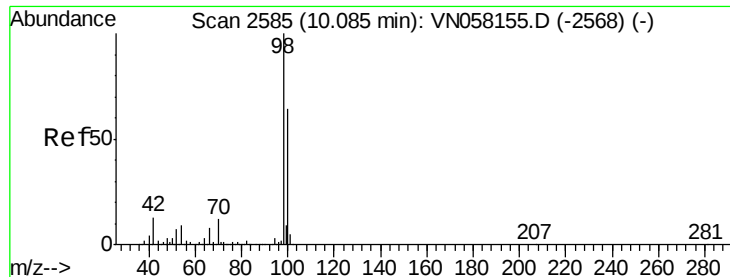
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	18.2	14.5	21.7



#43
 Isopropyl Acetate
 Concen: 9.784 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058364.D
 Acq: 25 Sep 2019 14:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.9	19.7	29.5#
87	9.6	9.4	14.2





#50

Toluene-d8

Concen: 54.059 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058364.D

Acq: 25 Sep 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

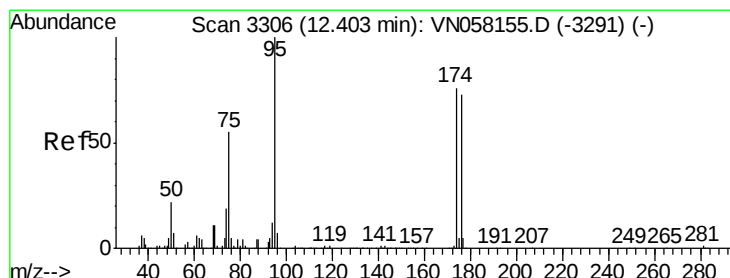
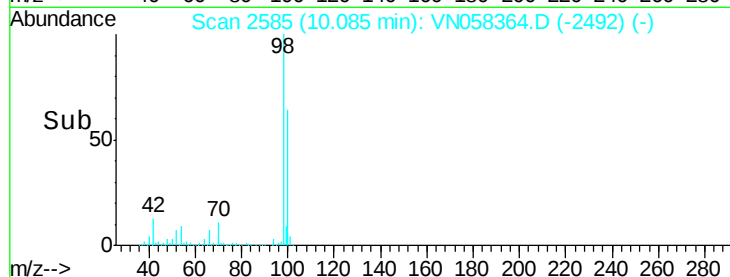
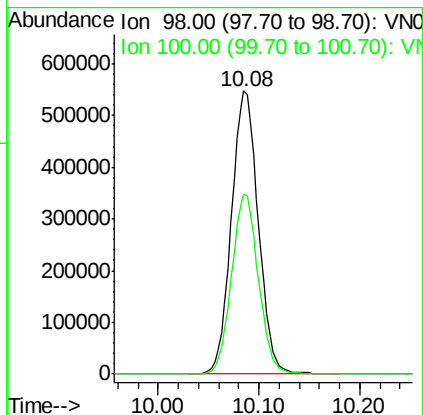
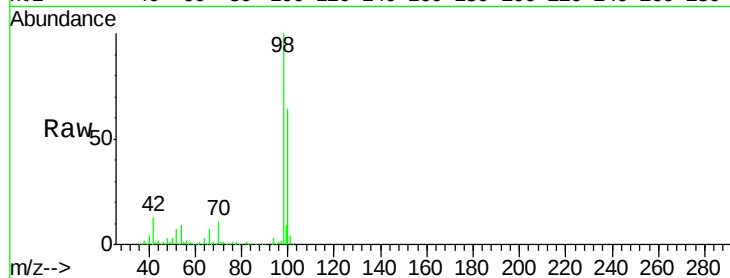
BSP-2

Tot Ion: 98 Resp: 1017078

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 47.517 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058364.D

Acq: 25 Sep 2019 14:05

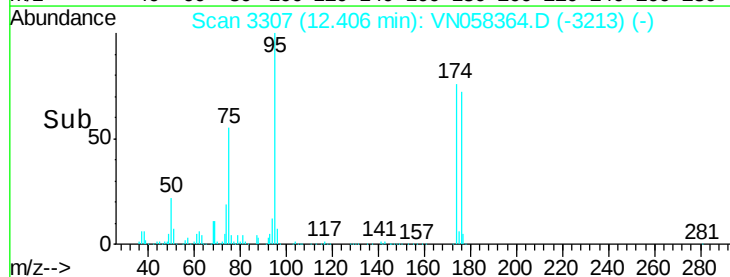
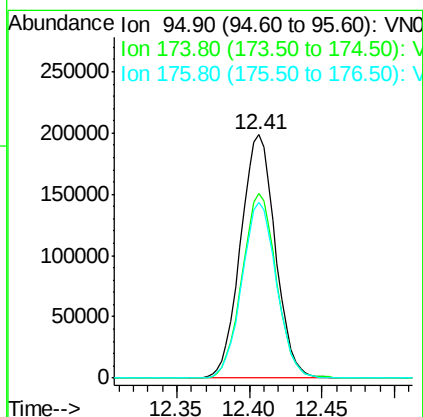
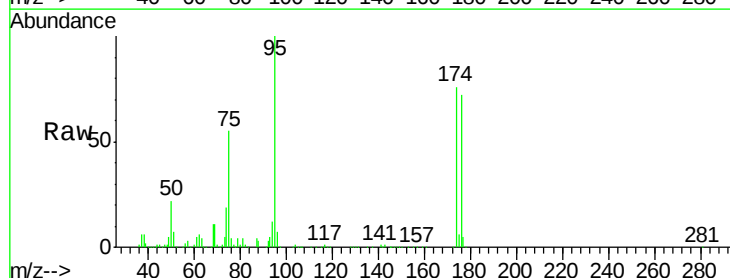
Tgt Ion: 95 Resp: 332086

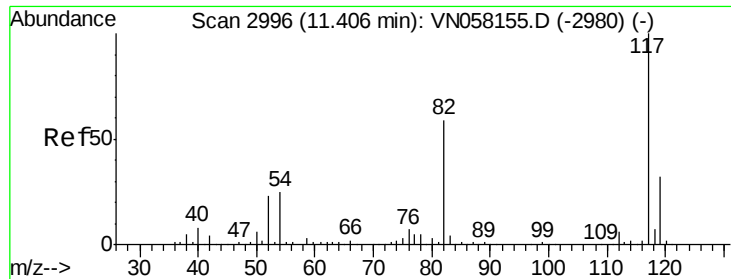
Ion Ratio Lower Upper

95 100

174 75.1 0.0 152.2

176 72.1 0.0 148.0

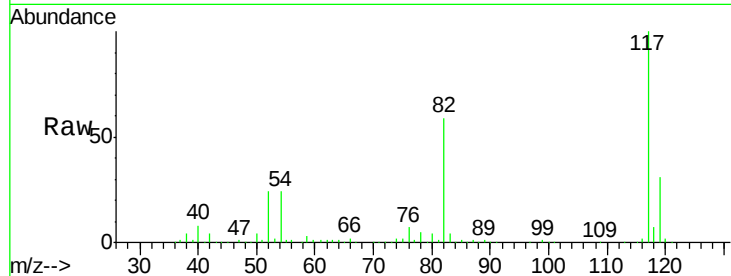




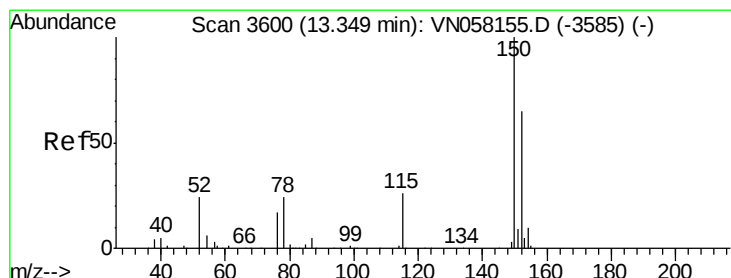
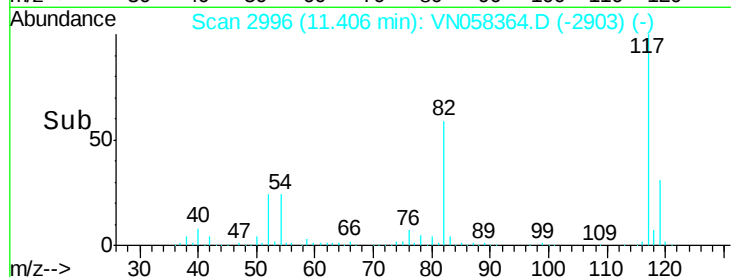
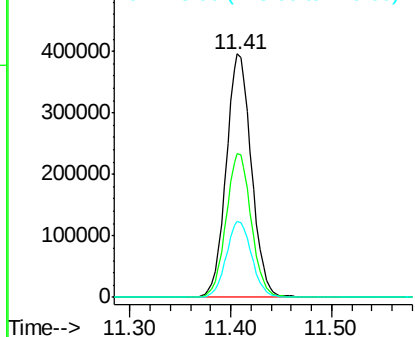
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058364.D
Acq: 25 Sep 2019 14:05

Instrument :
MSVOA_N
ClientSampled :
BSP-2

Tot Ion:117 Resp: 691107
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 31.3 25.3 37.9

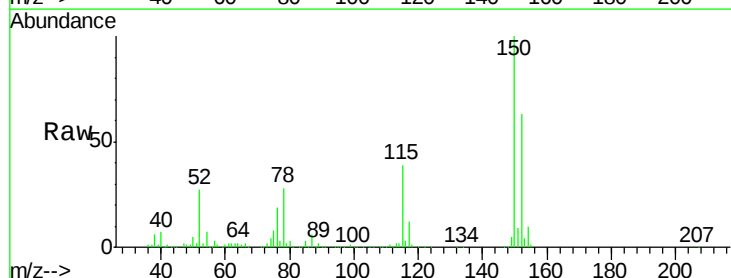


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058364.D
Acq: 25 Sep 2019 14:05

Tgt Ion:152 Resp: 282859
Ion Ratio Lower Upper
152 100
115 62.4 30.1 90.3
150 158.4 0.0 346.4



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

