

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057272.D
 Acq On : 14 Aug 2019 1:53
 Operator : JC/SP
 Sample : K4266-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A4-(4.3)

Quant Time: Aug 14 07:54:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

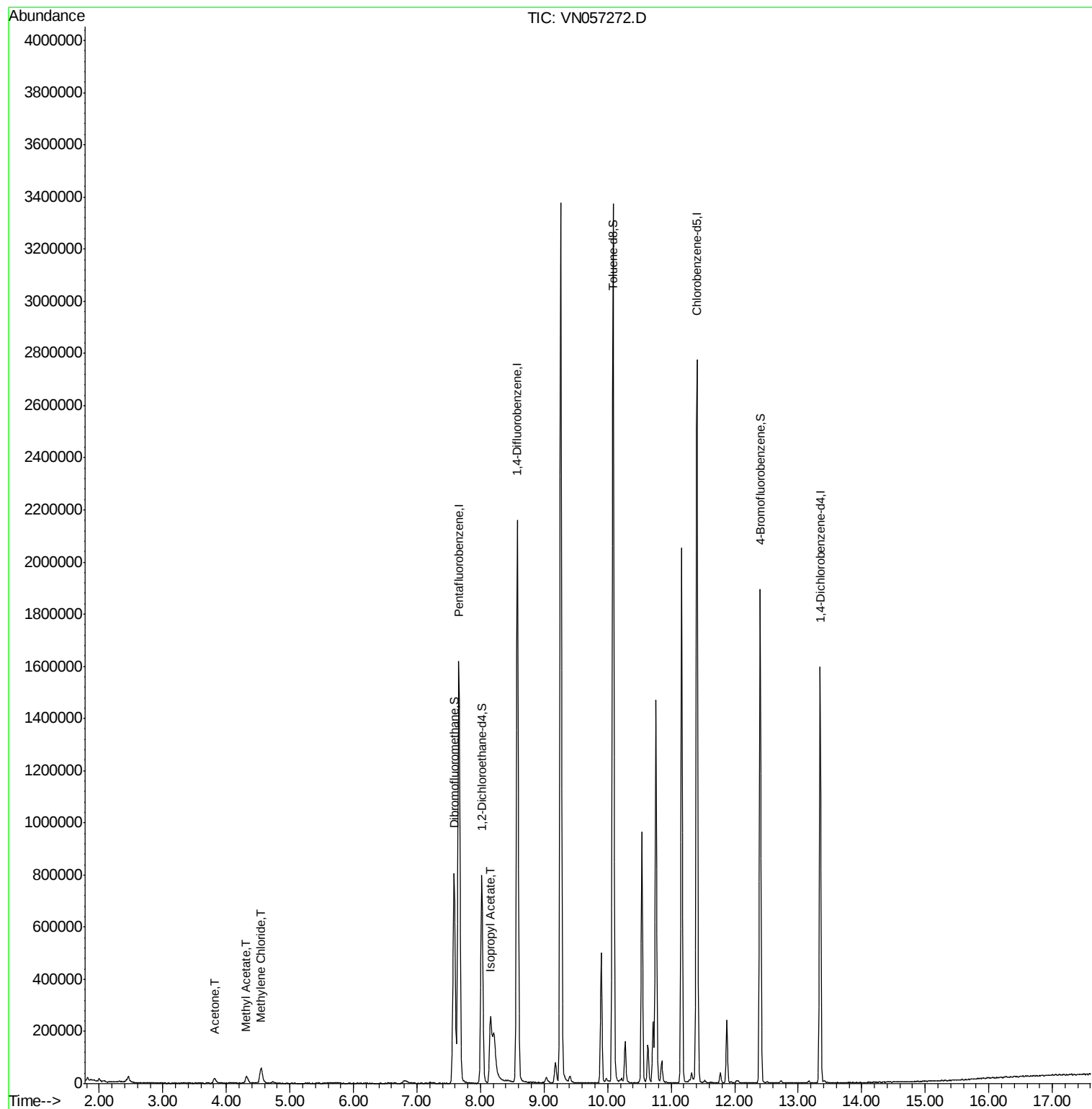
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1485462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2056656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1752577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	458983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	693144	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
35) Dibromofluoromethane	7.58	113	625099	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.09	98	2410423	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	652741	39.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.48%	
Target Compounds						
16) Acetone	3.81	43	29024	5.649	ug/l	96
18) Methyl Acetate	4.32	43	50946	2.747	ug/l #	88
20) Methylene Chloride	4.55	84	46966	3.130	ug/l	98
43) Isopropyl Acetate	8.16	43	324254	13.623	ug/l #	76

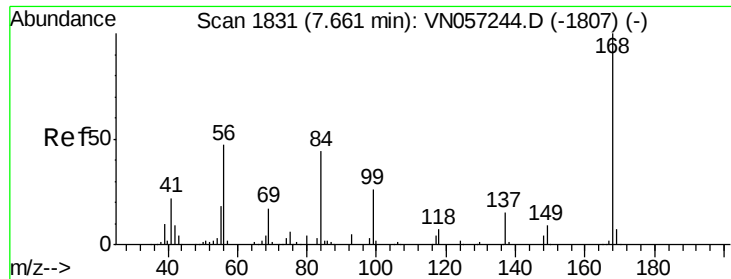
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081319\
Data File : VN057272.D
Acq On : 14 Aug 2019 1:53
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A4-(4.3)

Quant Time: Aug 14 07:54:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN057272.D

Acq: 14 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

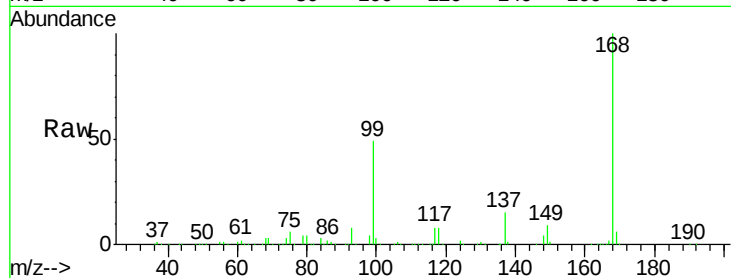
R1-R2-A4-(4.3)

Tot Ion:168 Resp: 1485462

Ion Ratio Lower Upper

168 100

99 49.4 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

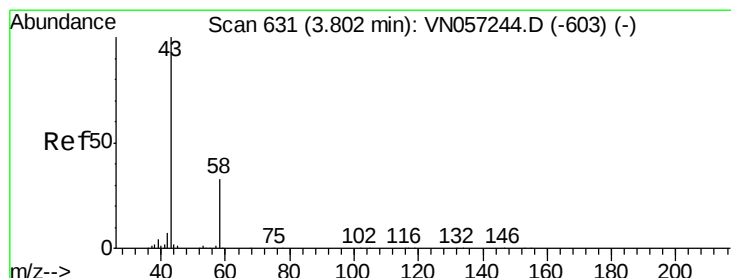
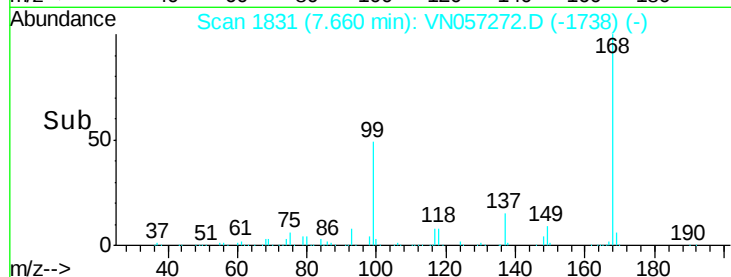
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 5.649 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057272.D

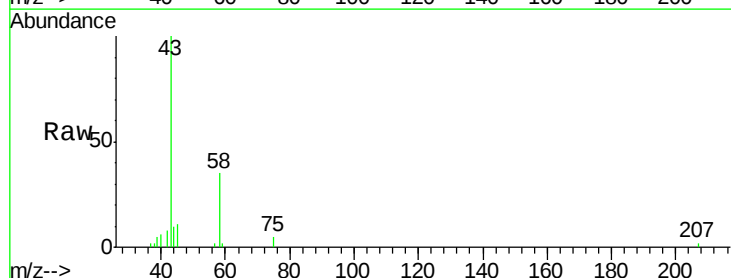
Acq: 14 Aug 2019 1:53

Tgt Ion: 43 Resp: 29024

Ion Ratio Lower Upper

43 100

58 35.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

12000

10000

8000

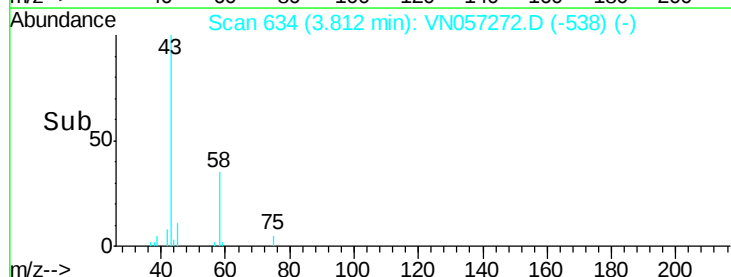
6000

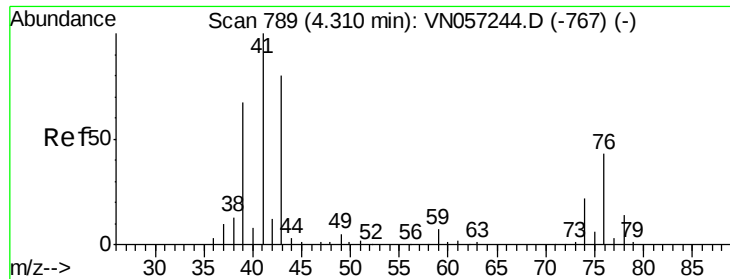
4000

2000

0

Time-->

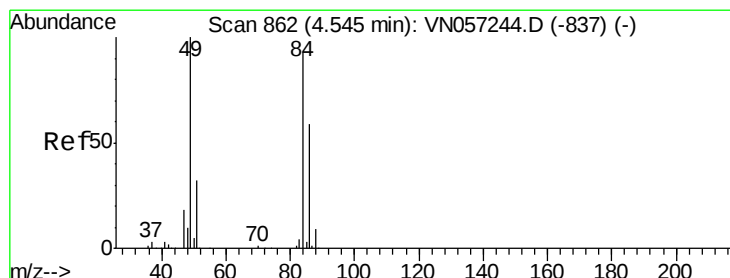
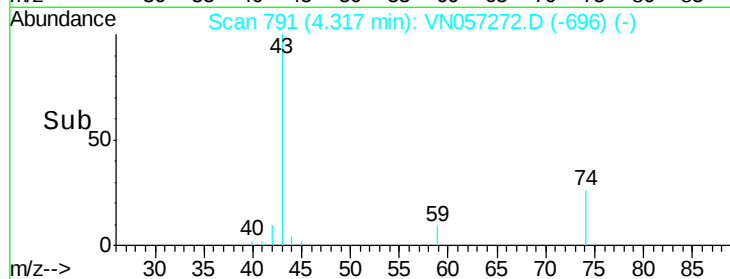
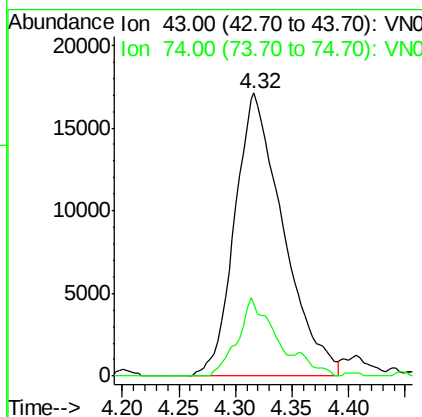
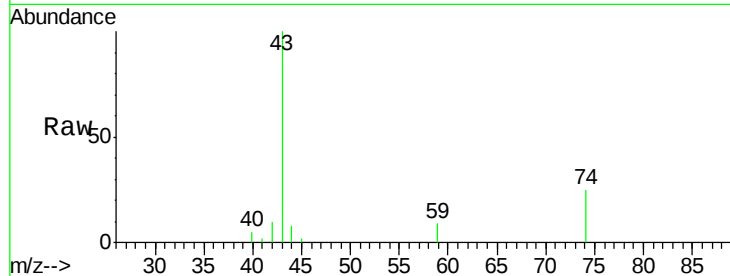




#18
Methyl Acetate
Concen: 2.747 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057272.D
Acq: 14 Aug 2019 1:53

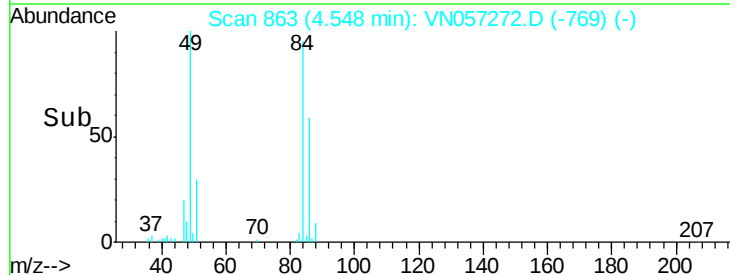
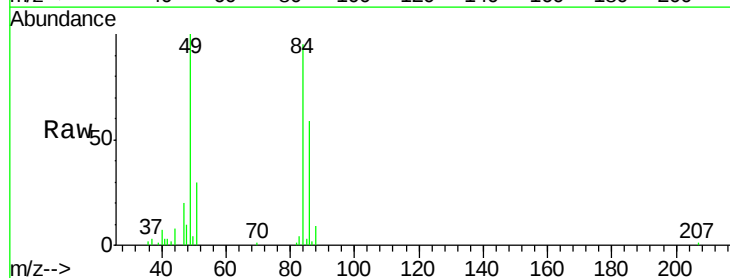
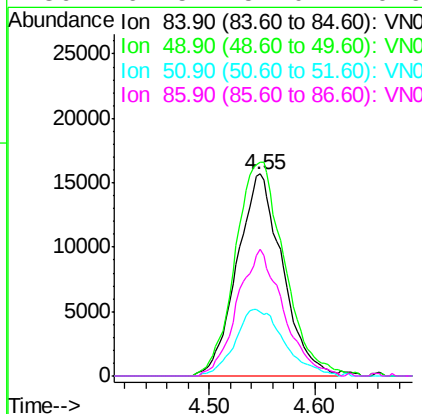
Instrument :
MSVOA_N
ClientSampled :
R1-R2-A4-(4.3)

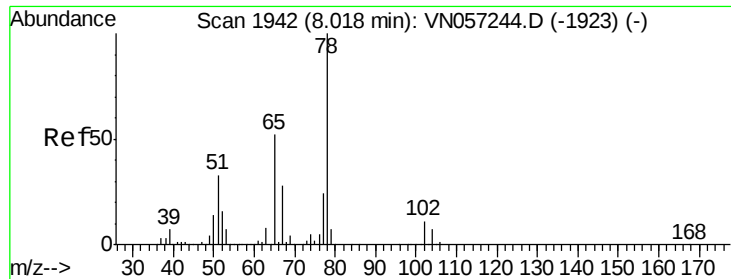
Tot Ion: 43 Resp: 50946
Ion Ratio Lower Upper
43 100
74 19.8 20.6 31.0#



#20
Methylene Chloride
Concen: 3.130 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057272.D
Acq: 14 Aug 2019 1:53

Tgt Ion: 84 Resp: 46966
Ion Ratio Lower Upper
84 100
49 105.7 85.9 128.9
51 31.9 27.1 40.7
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 46.256 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057272.D

Acq: 14 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

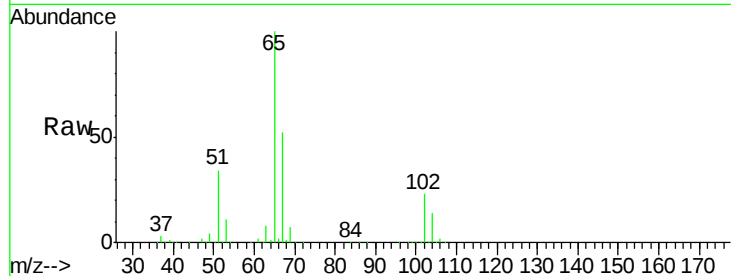
R1-R2-A4-(4.3)

Tot Ion: 65 Resp: 693144

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057272.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057272.D (-1923) (-)

8.02

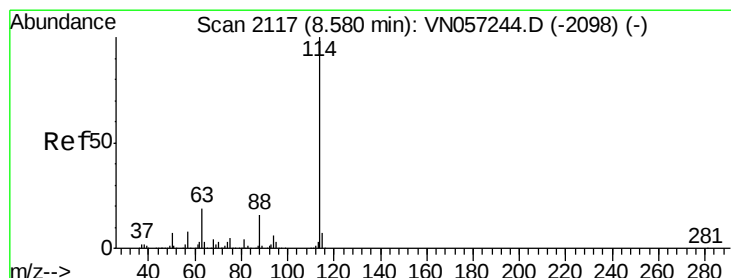
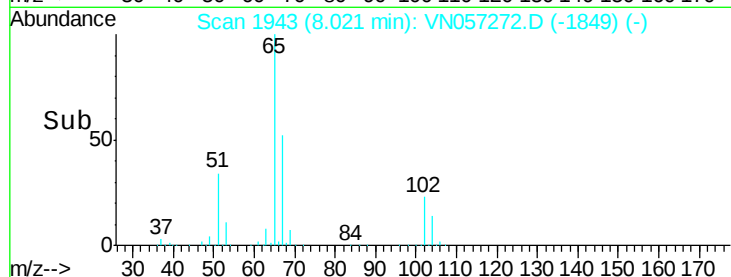
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN057272.D

Acq: 14 Aug 2019 1:53

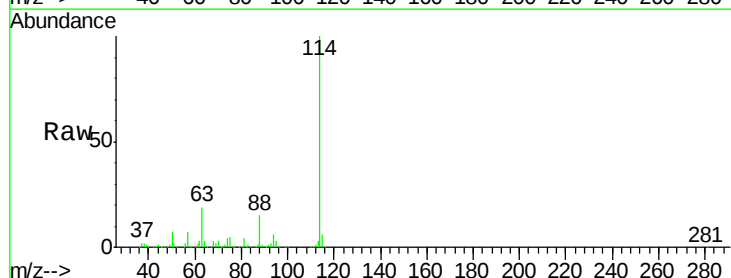
Tgt Ion: 114 Resp: 2056656

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN057272.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057272.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057272.D (-2098) (-)

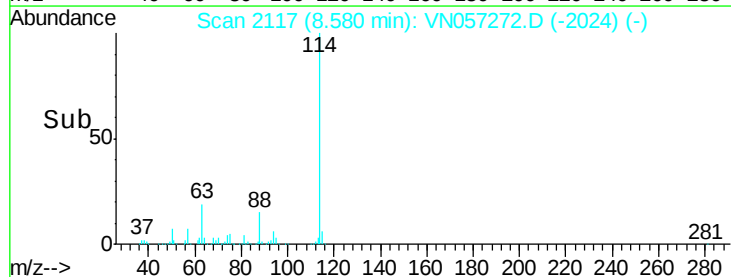
8.58

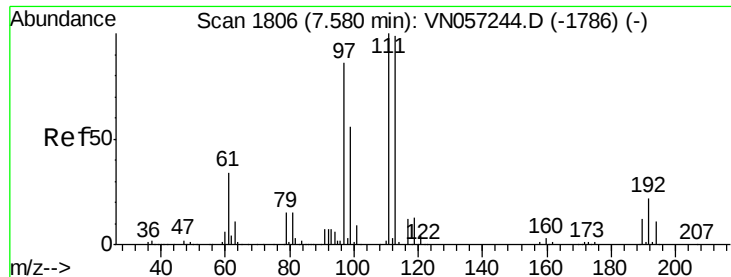
1000000

500000

0

Time-->

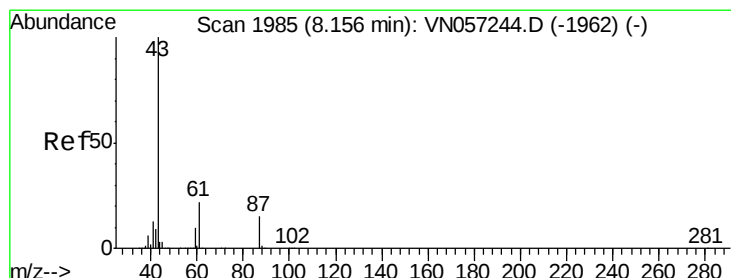
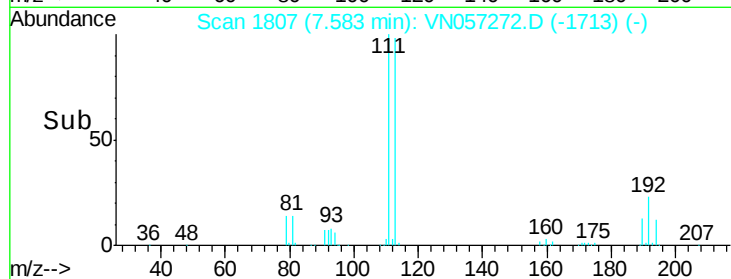
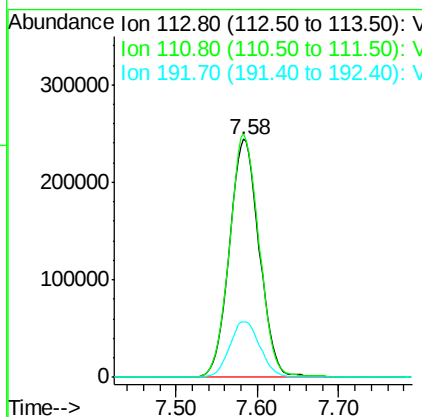
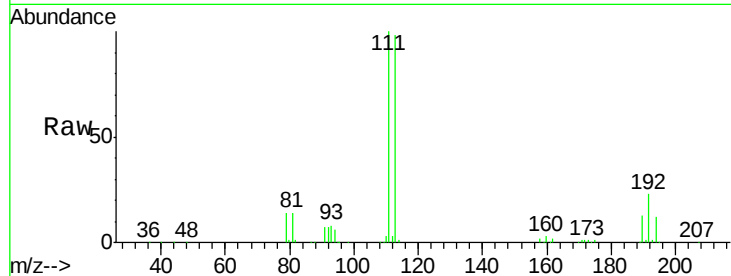




#35
 Dibromofluoromethane
 Concen: 47.601 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057272.D
 Acq: 14 Aug 2019 1:53

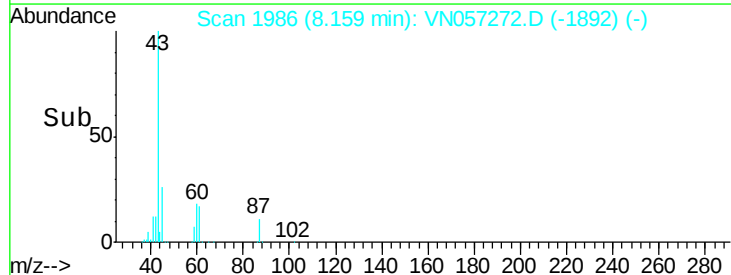
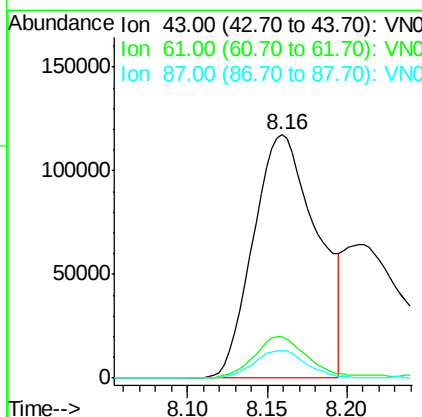
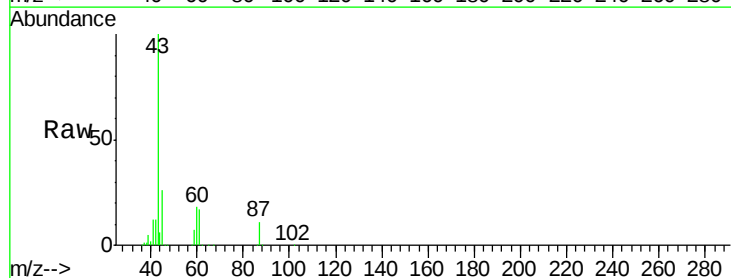
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A4-(4.3)

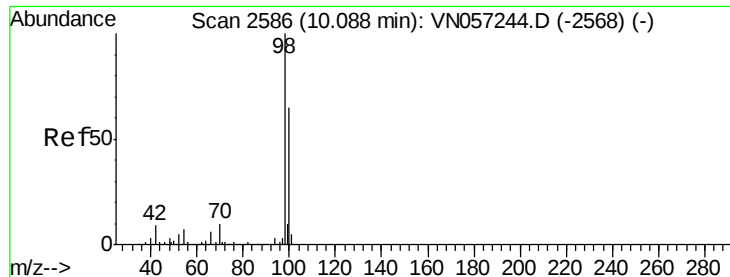
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.2
192	23.9	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 13.623 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057272.D
 Acq: 14 Aug 2019 1:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	23.5	35.3#
87	9.3	12.1	18.1#





#50

Toluene-d8

Concen: 50.324 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057272.D

Acq: 14 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampled :

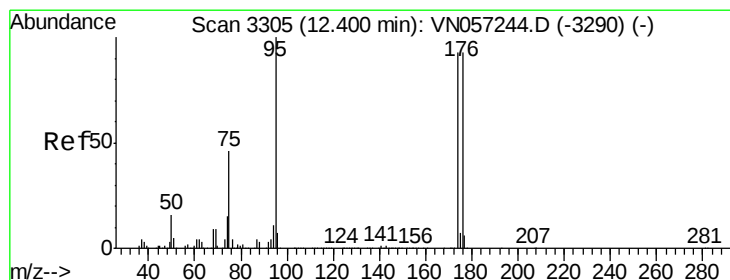
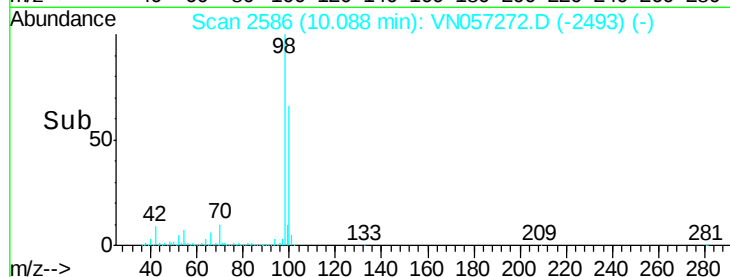
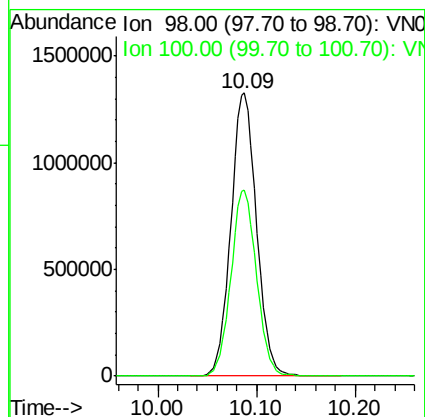
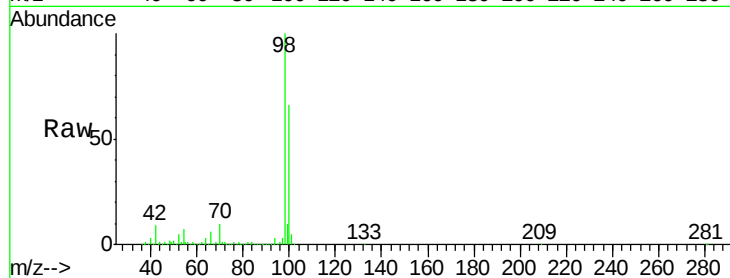
R1-R2-A4-(4.3)

Tot Ion: 98 Resp: 2410423

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 39.738 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057272.D

Acq: 14 Aug 2019 1:53

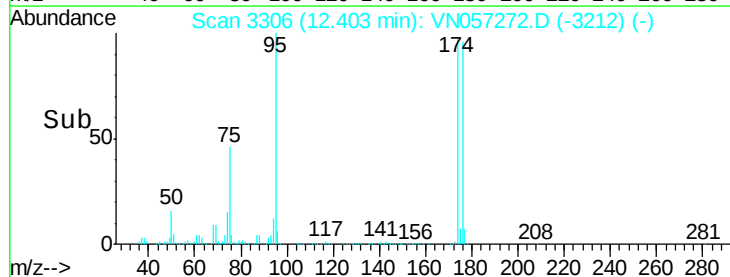
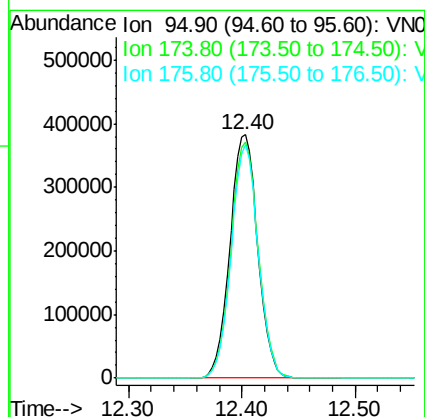
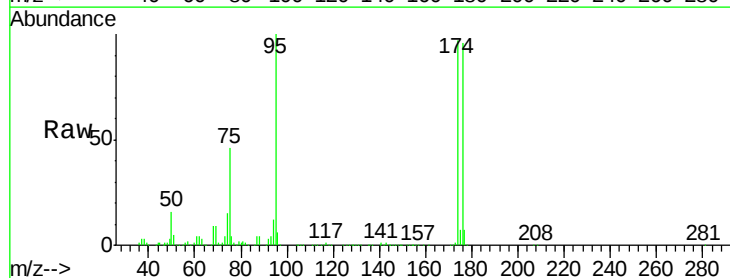
Tgt Ion: 95 Resp: 652741

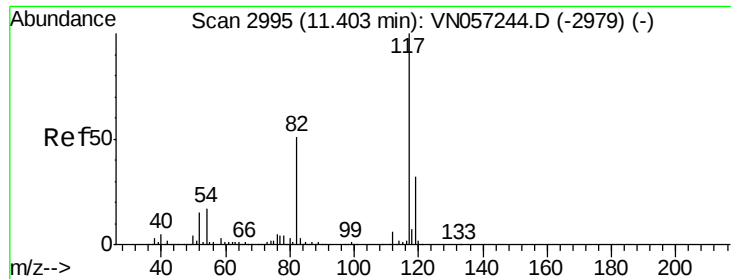
Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.6

176 93.0 0.0 185.8

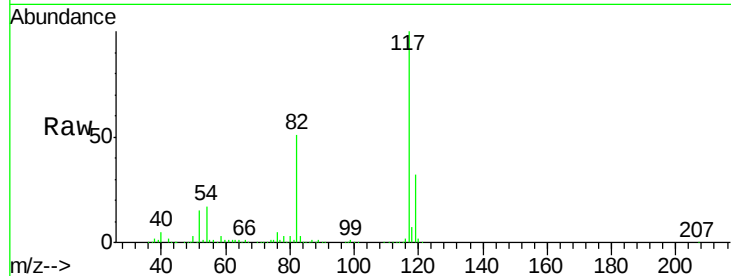




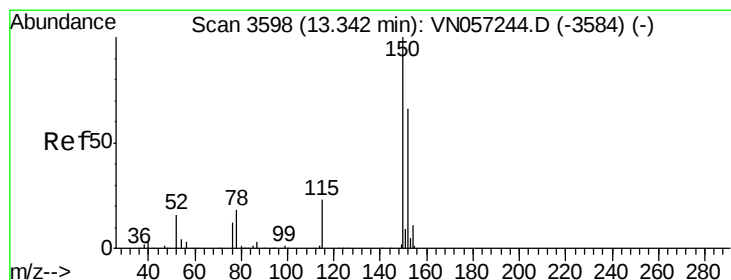
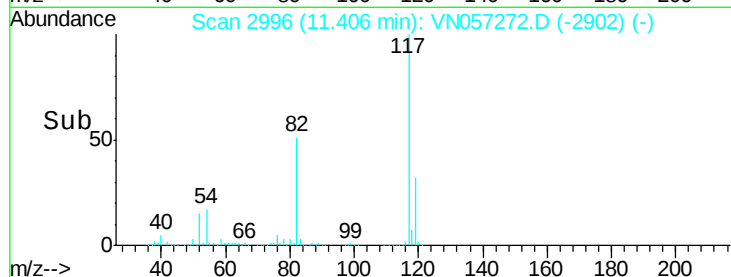
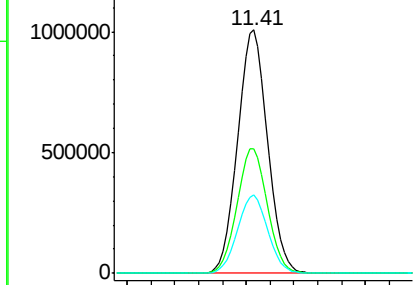
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057272.D
Acq: 14 Aug 2019 1:53

Instrument :
MSVOA_N
ClientSampled :
R1-R2-A4-(4.3)

Tot Ion:117 Resp: 1752577
Ion Ratio Lower Upper
117 100
82 51.2 40.9 61.3
119 32.0 25.4 38.2

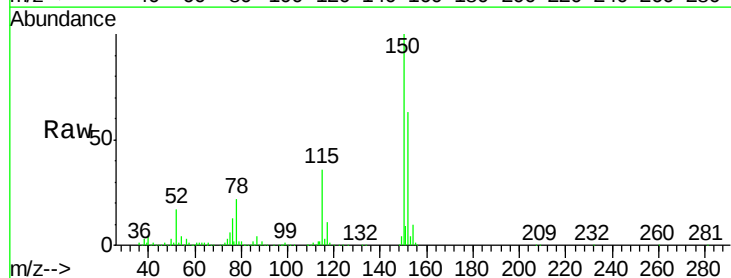


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057272.D
Acq: 14 Aug 2019 1:53

Tgt Ion:152 Resp: 458983
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 156.9 0.0 348.4



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

