

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058937.D
 Acq On : 23 Oct 2019 17:58
 Operator : JC/SP
 Sample : K5508-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0666

Quant Time: Oct 24 02:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

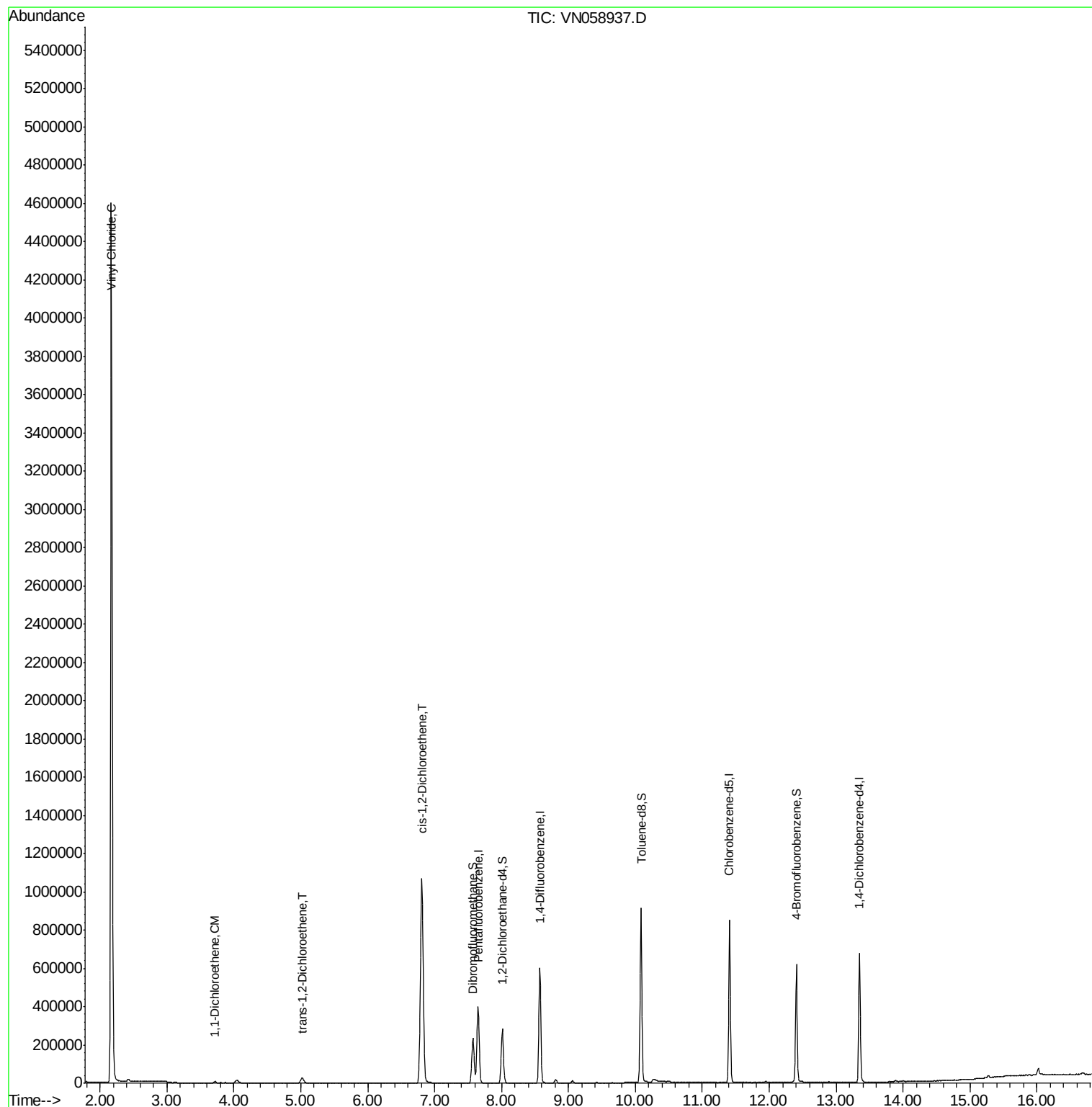
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	310504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	516449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	172572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	249423	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.57	113	180010	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	10.09	98	625674	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.40	95	206079	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
4) Vinyl Chloride	2.17	62	4285660	900.213	ug/l #	74
12) 1,1-Dichloroethene	3.72	96	3378	1.104	ug/l	87
21) trans-1,2-Dichloroethene	5.02	96	16630	4.919	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	683760	177.065	ug/l	89

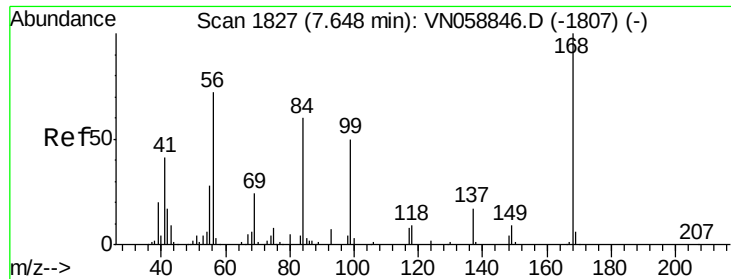
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 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: VN058937.D

Acq: 23 Oct 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

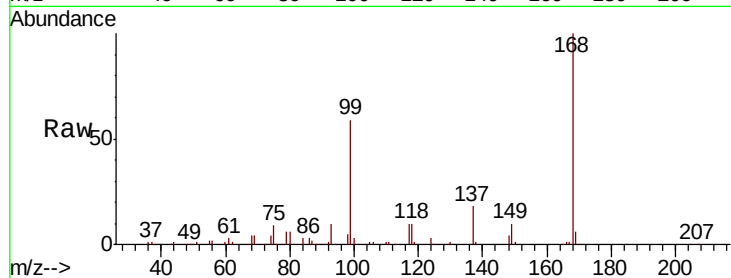
S32-0666

Tot Ion:168 Resp: 310504

Ion Ratio Lower Upper

168 100

99 59.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

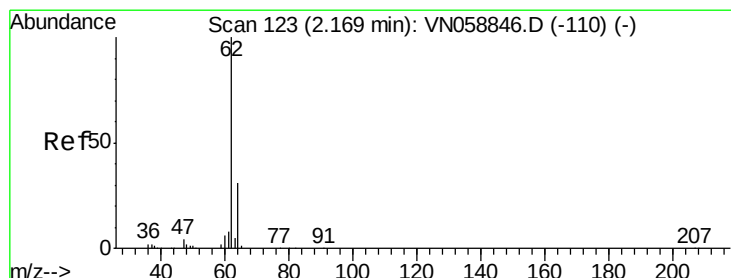
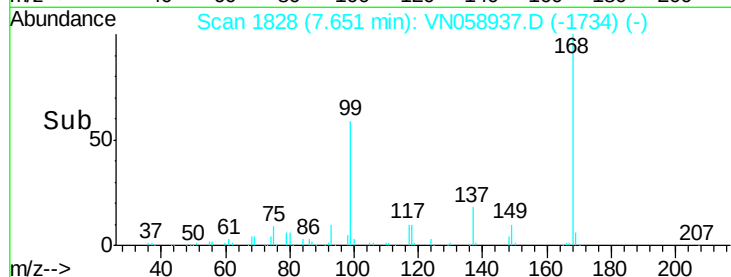
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 900.213 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058937.D

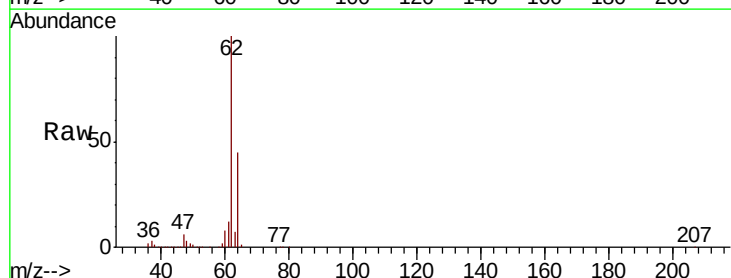
Acq: 23 Oct 2019 17:58

Tgt Ion: 62 Resp: 4285660

Ion Ratio Lower Upper

62 100

64 45.1 24.6 36.8#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

2500000

2000000

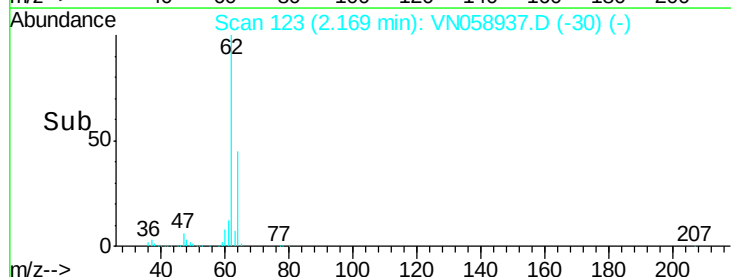
1500000

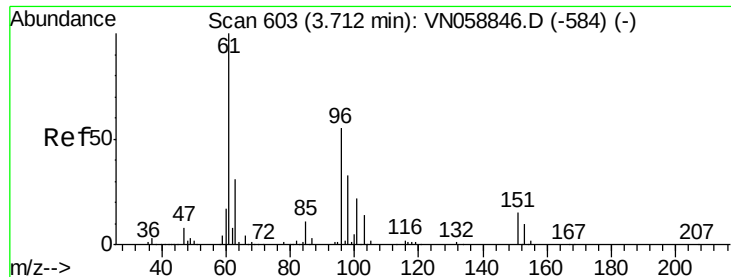
1000000

500000

0

Time-->

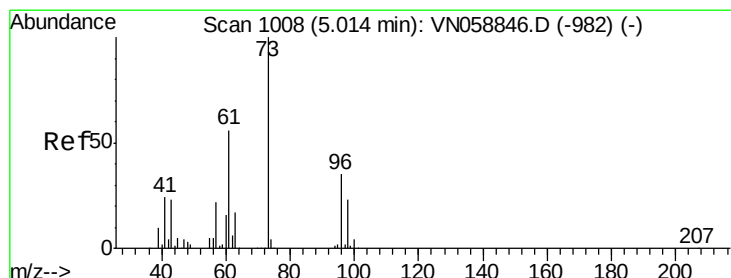
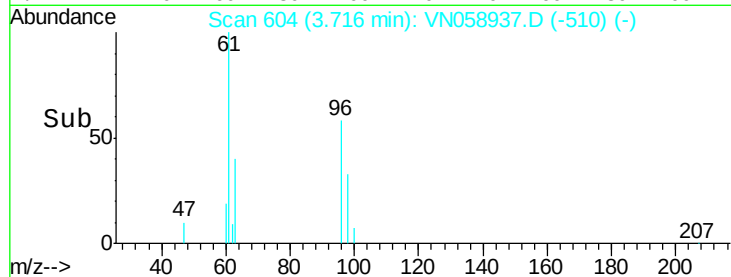
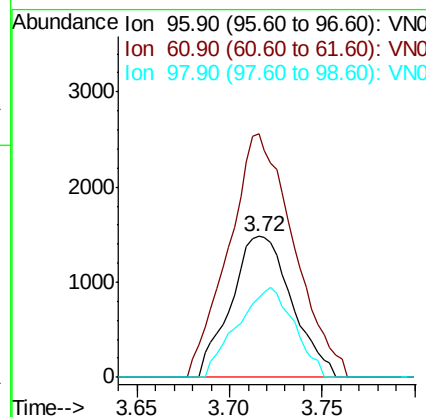
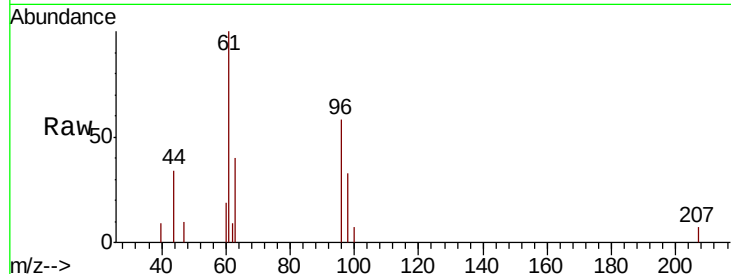




#12
 1,1-Dichloroethene
 Concen: 1.104 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN058937.D
 Acq: 23 Oct 2019 17:58

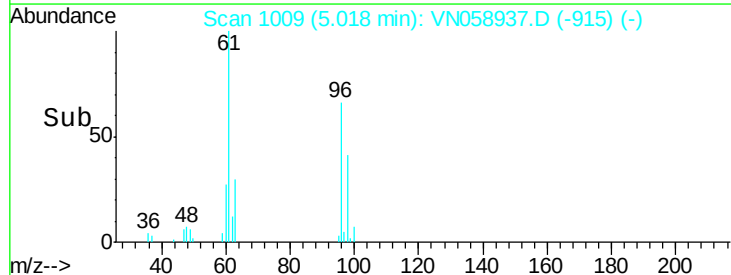
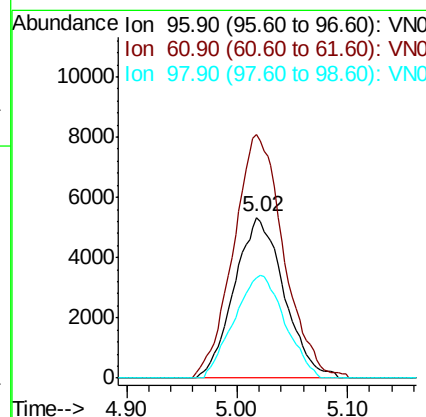
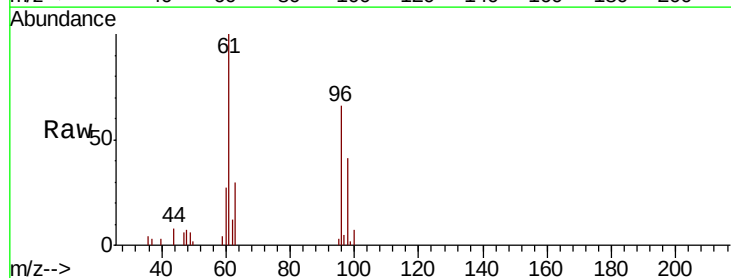
Instrument :
 MSVOA_N
 ClientSampled :
 S32-0666

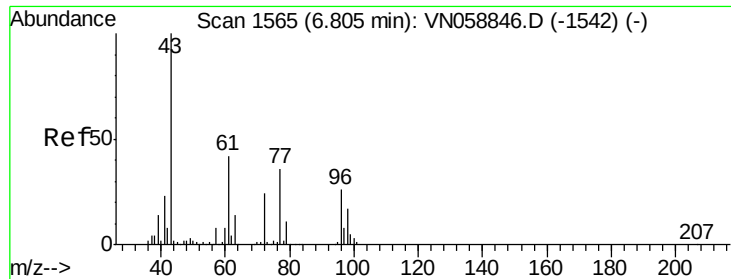
Tot Ion: 96 Resp: 3378
 Ion Ratio Lower Upper
 96 100
 61 160.5 146.2 219.2
 98 56.6 48.7 73.1



#21
 trans-1,2-Dichloroethene
 Concen: 4.919 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: VN058937.D
 Acq: 23 Oct 2019 17:58

Tgt Ion: 96 Resp: 16630
 Ion Ratio Lower Upper
 96 100
 61 151.6 126.7 190.1
 98 62.4 52.0 78.0

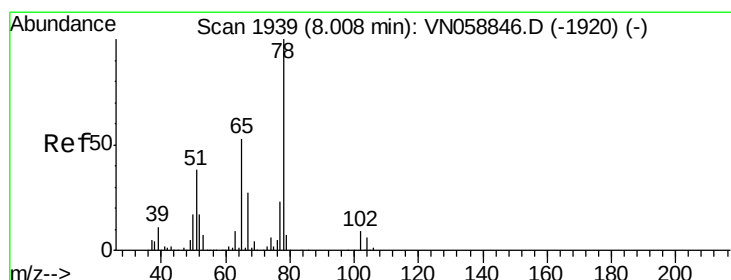
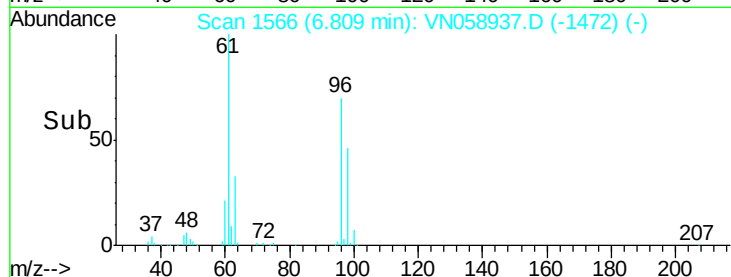
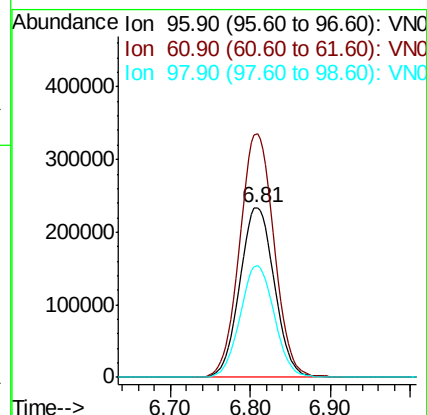
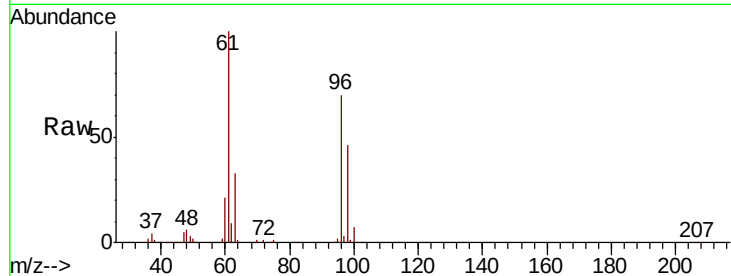




#27
 cis-1,2-Dichloroethene
 Concen: 177.065 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058937.D
 Acq: 23 Oct 2019 17:58

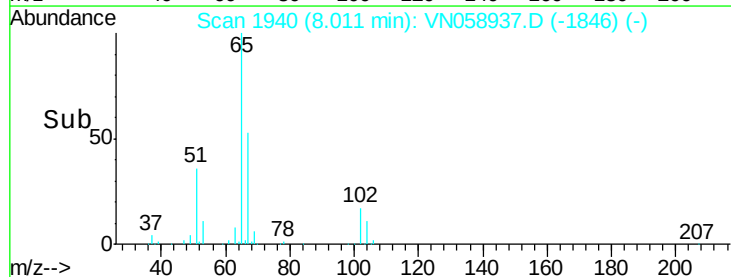
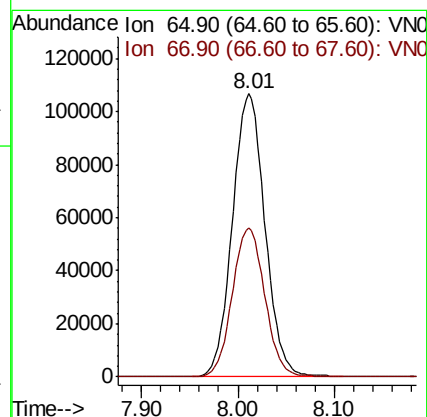
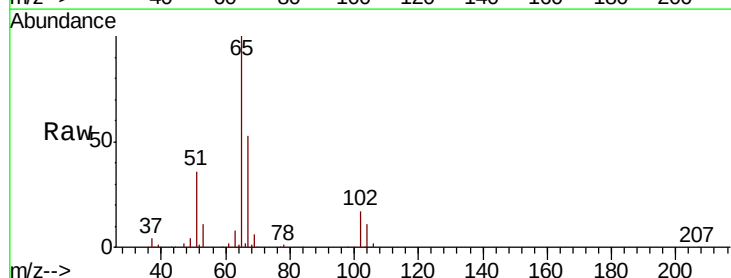
Instrument :
 MSVOA_N
 ClientSampled :
 S32-0666

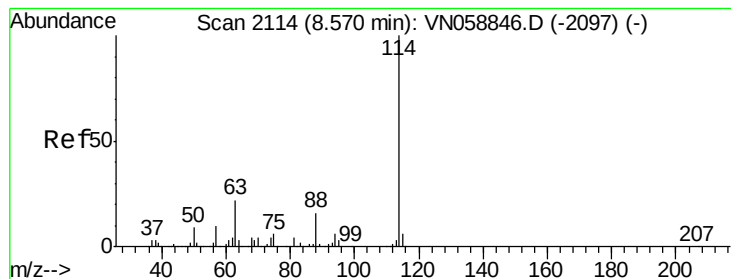
Tot Ion	96	Resp	683760
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	325.0
98	64.9	0.0	128.0



#33
 1,2-Dichloroethane-d4
 Concen: 54.770 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058937.D
 Acq: 23 Oct 2019 17:58

Tgt Ion	65	Resp	249423
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN058937.D

Acq: 23 Oct 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

S32-0666

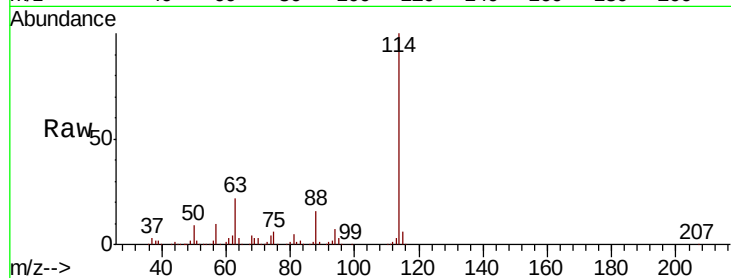
Tot Ion:114 Resp: 516449

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.4

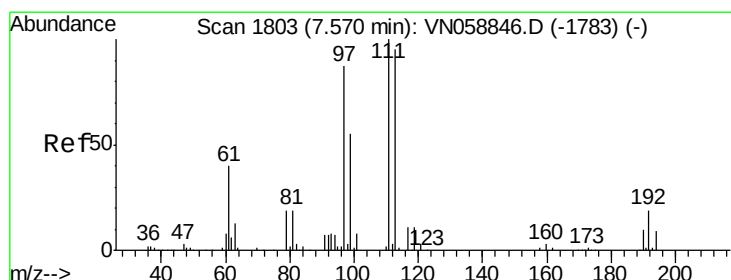
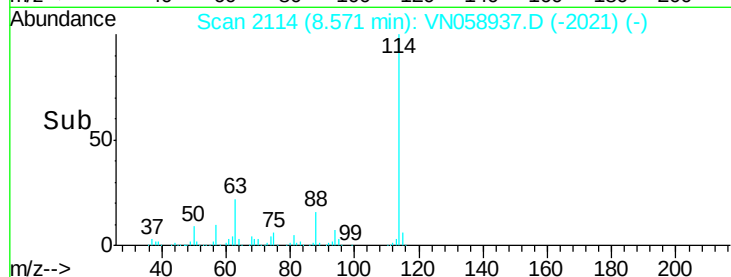
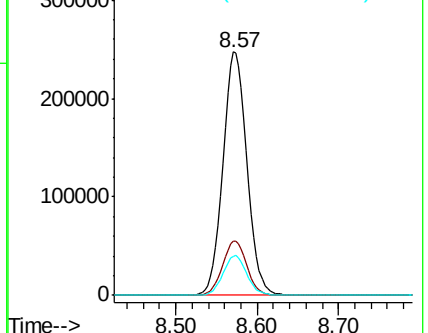
88 16.1 0.0 31.4



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: 53.014 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN058937.D

Acq: 23 Oct 2019 17:58

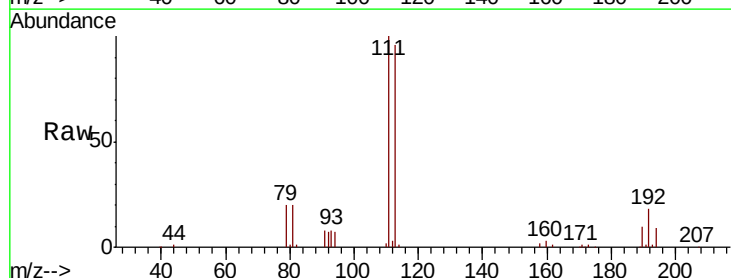
Tgt Ion:113 Resp: 180010

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

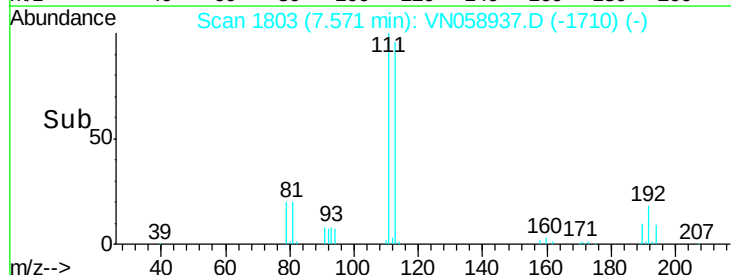
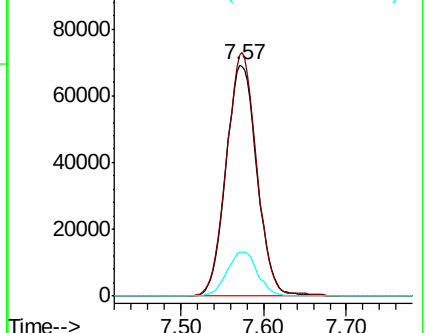
192 18.8 15.0 22.6

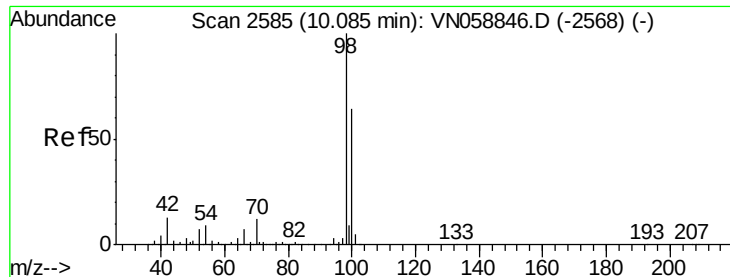


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.468 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058937.D

Acq: 23 Oct 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

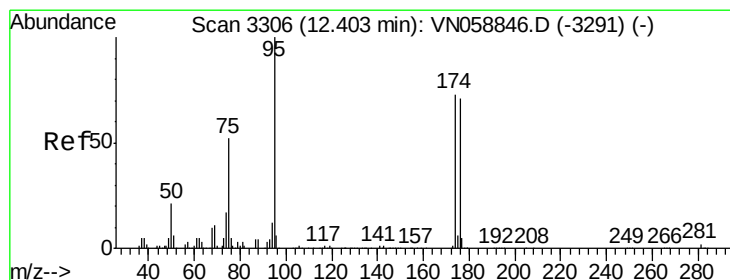
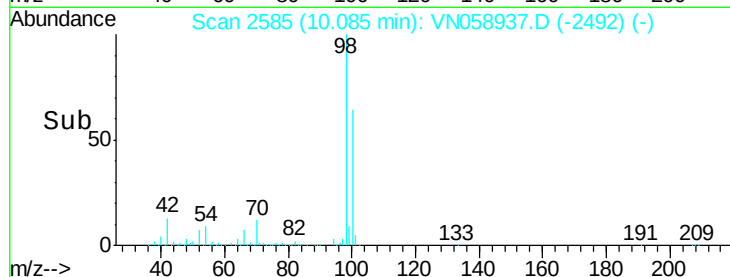
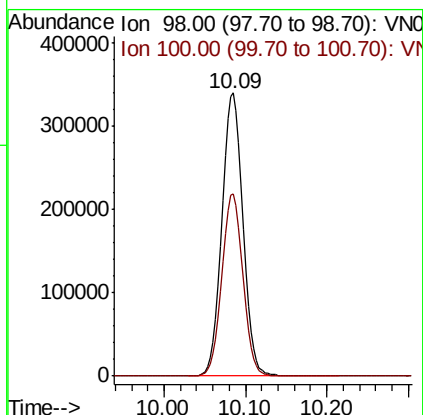
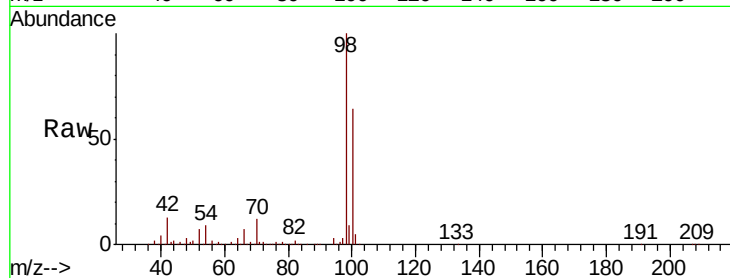
S32-0666

Tot Ion: 98 Resp: 625674

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.575 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058937.D

Acq: 23 Oct 2019 17:58

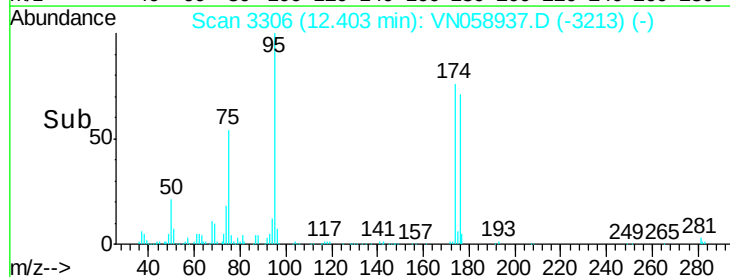
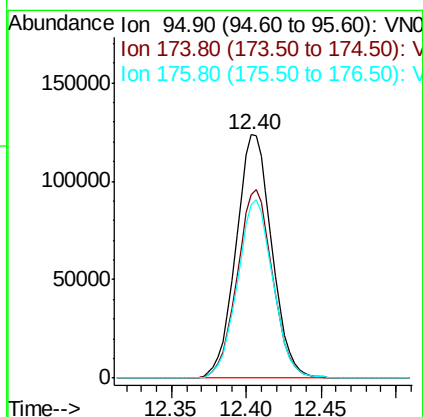
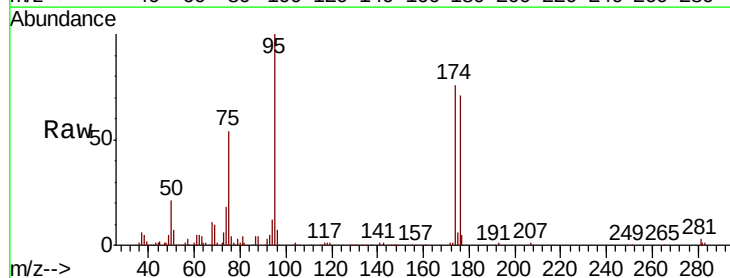
Tgt Ion: 95 Resp: 206079

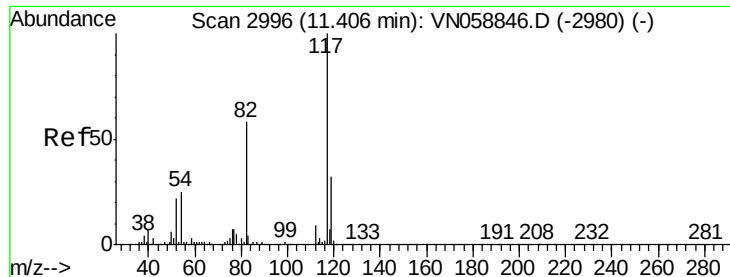
Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.6

176 72.6 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058937.D

Acq: 23 Oct 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

S32-0666

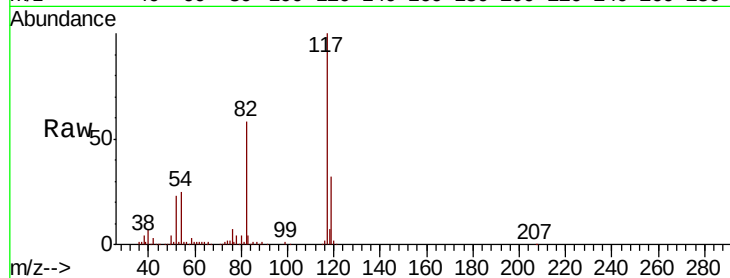
Tot Ion:117 Resp: 457902

Ion Ratio Lower Upper

117 100

82 58.1 46.6 69.8

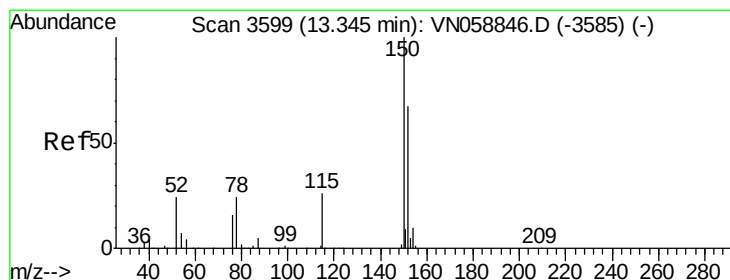
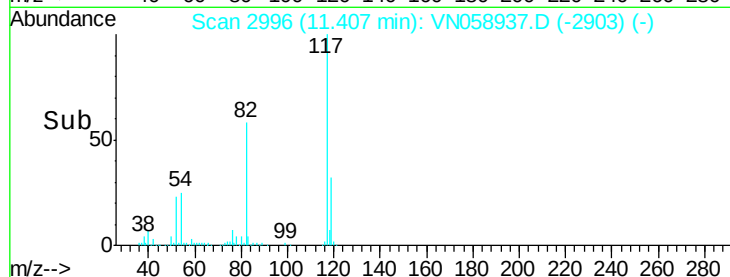
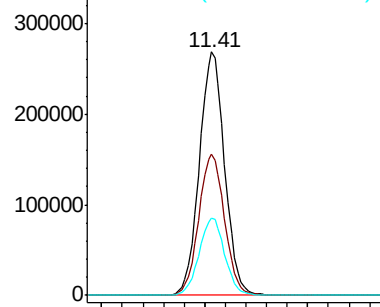
119 32.0 25.6 38.4



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# 3600

Delta R.T. 0.00 min

Lab File: VN058937.D

Acq: 23 Oct 2019 17:58

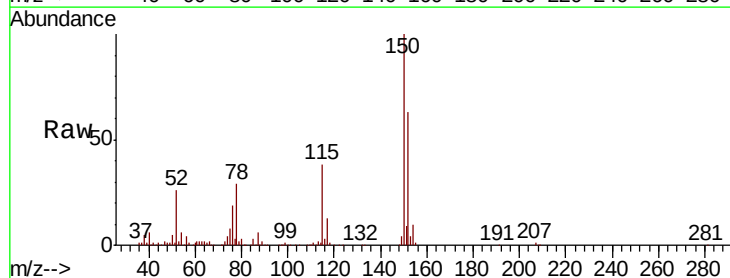
Tgt Ion:152 Resp: 172572

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

150 156.7 0.0 344.4



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

