

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058938.D
 Acq On : 23 Oct 2019 18:20
 Operator : JC/SP
 Sample : K5508-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0667

Quant Time: Oct 24 02:31:02 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

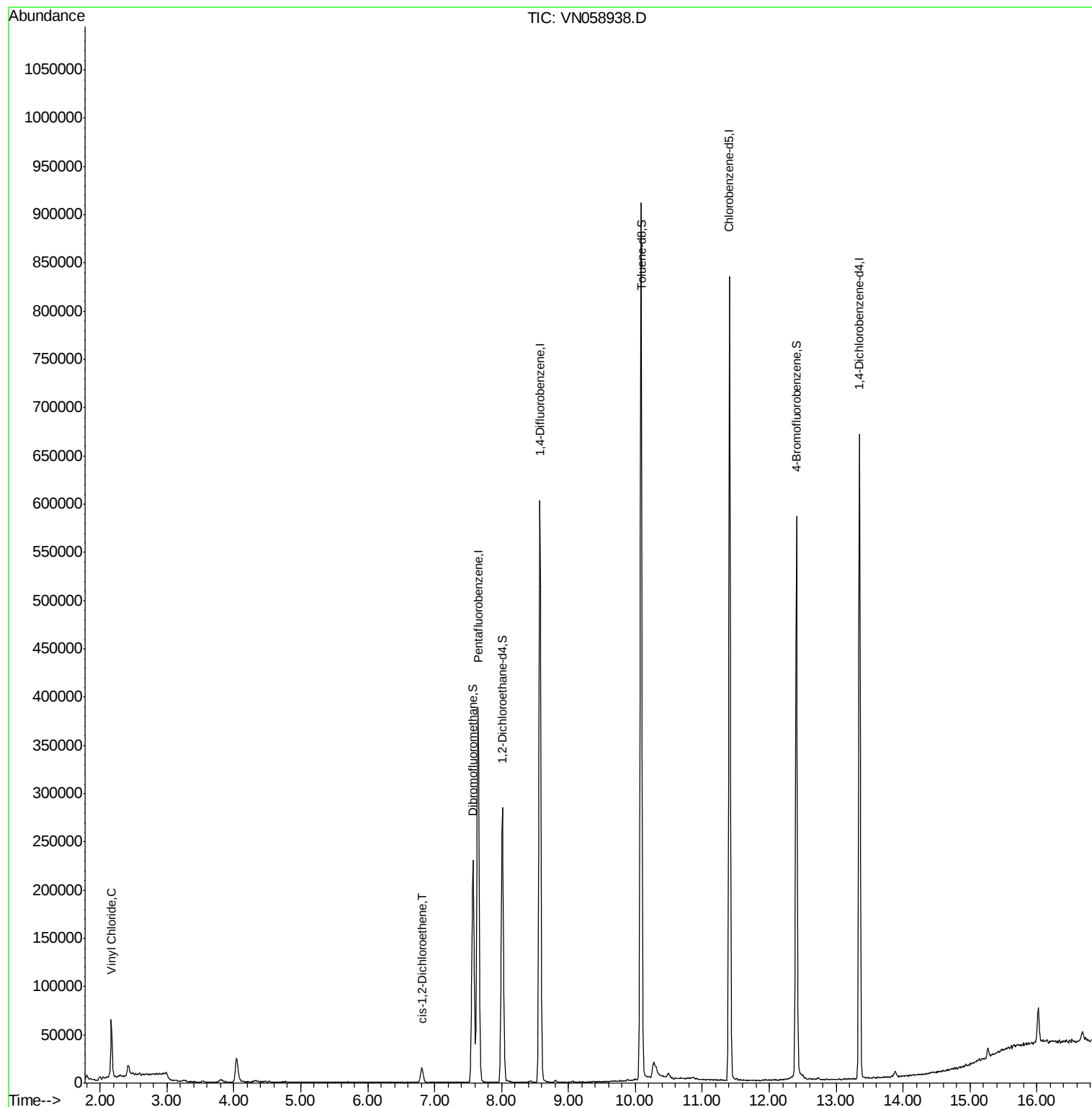
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	302425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	510722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	170364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	246215	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
35) Dibromofluoromethane	7.57	113	175402	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
50) Toluene-d8	10.08	98	617374	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.40	95	199535	41.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.38%	
Target Compounds						
4) Vinyl Chloride	2.17	62	54714	11.800	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	8252	2.194	ug/l	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058938.D

Acq: 23 Oct 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

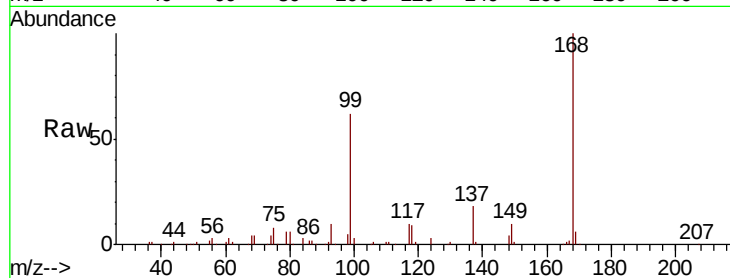
S32-0667

Tot Ion:168 Resp: 302425

Ion Ratio Lower Upper

168 100

99 61.5 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

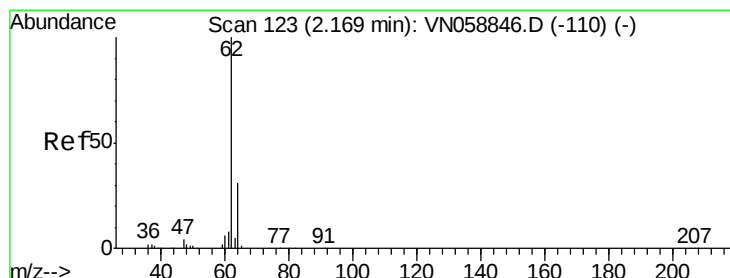
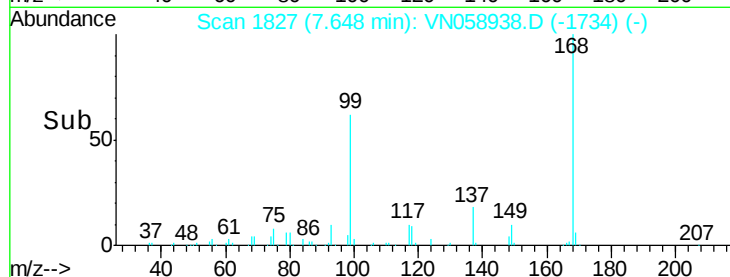
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 11.800 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058938.D

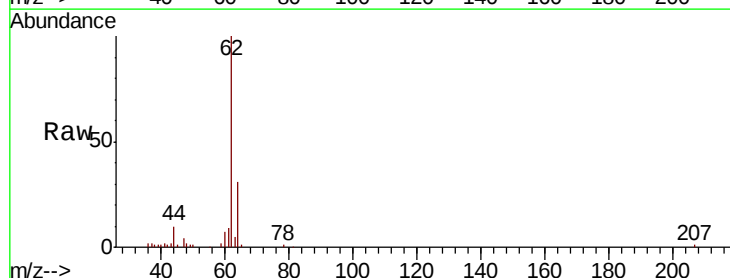
Acq: 23 Oct 2019 18:20

Tgt Ion: 62 Resp: 54714

Ion Ratio Lower Upper

62 100

64 30.8 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

40000

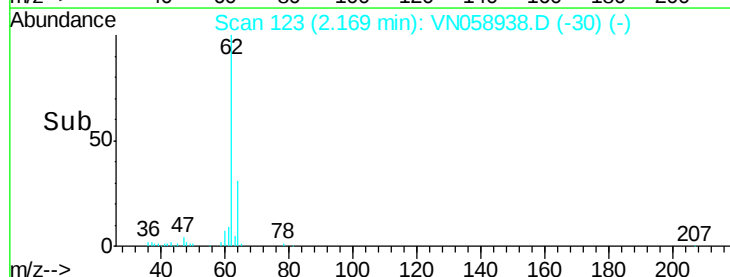
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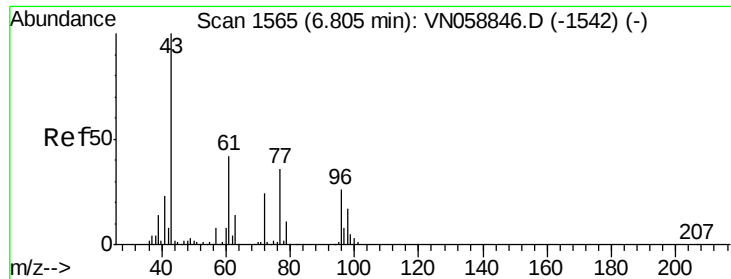
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10000

0

Time-->

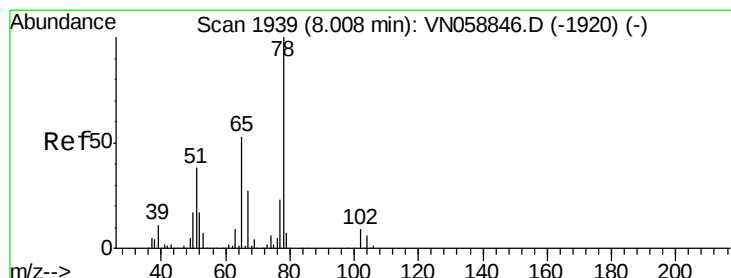
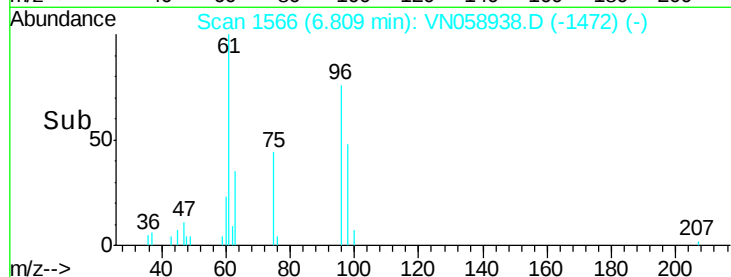
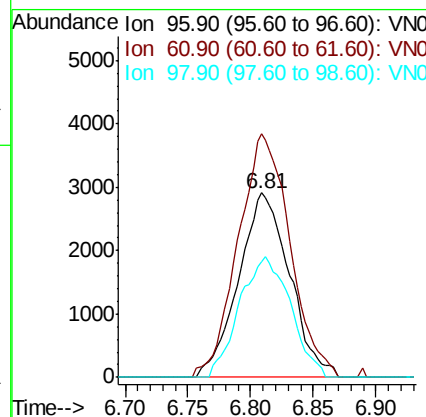
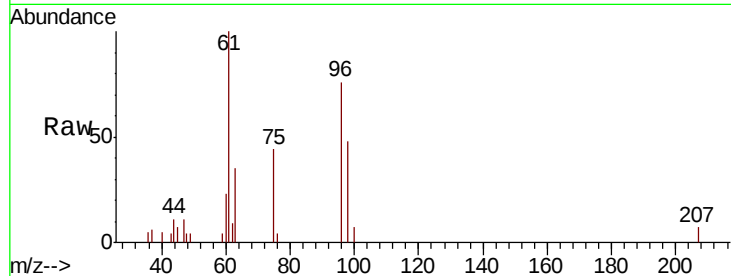




#27
 cis-1,2-Dichloroethene
 Concen: 2.194 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058938.D
 Acq: 23 Oct 2019 18:20

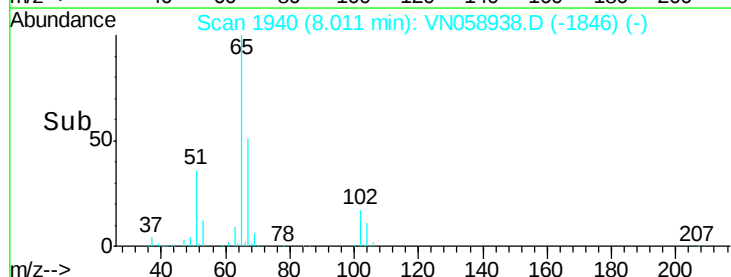
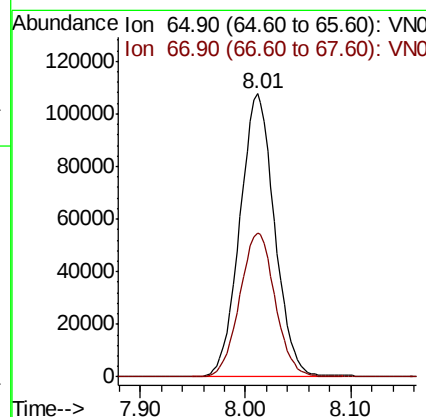
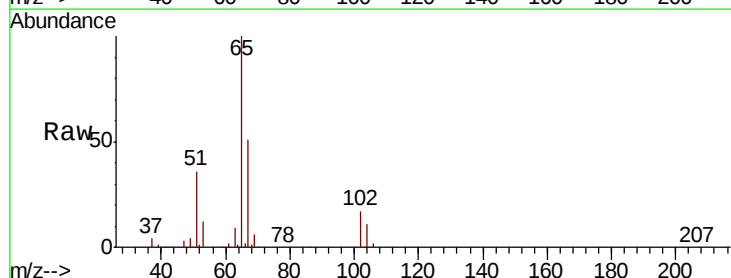
Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0667

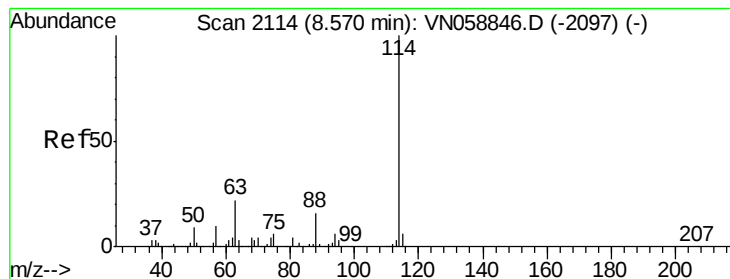
Tot Ion: 96 Resp: 8252
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 325.0
 98 65.2 0.0 128.0



#33
 1,2-Dichloroethane-d4
 Concen: 55.510 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058938.D
 Acq: 23 Oct 2019 18:20

Tgt Ion: 65 Resp: 246215
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058938.D

Acq: 23 Oct 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

S32-0667

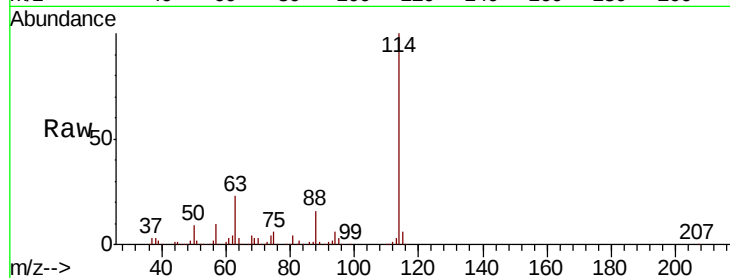
Tot Ion:114 Resp: 510722

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.4

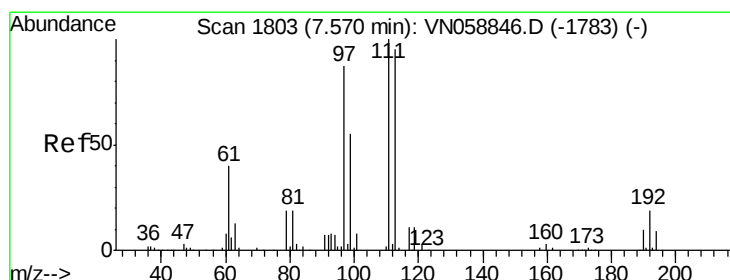
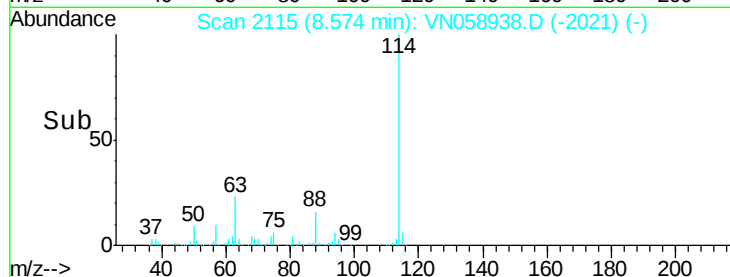
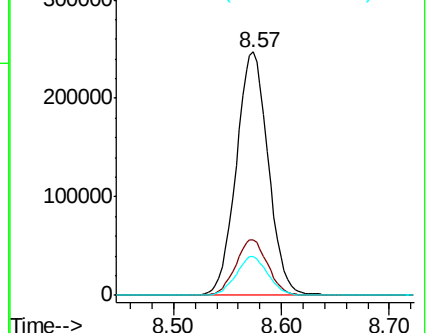
88 16.1 0.0 31.4



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: 52.236 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058938.D

Acq: 23 Oct 2019 18:20

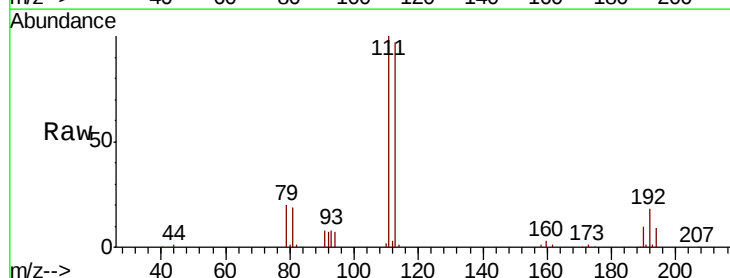
Tgt Ion:113 Resp: 175402

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

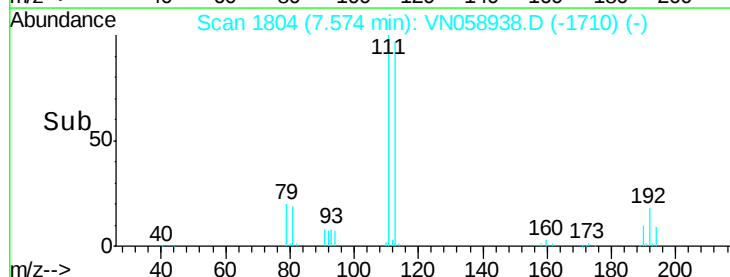
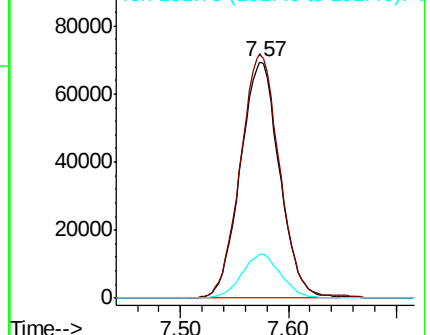
192 18.5 15.0 22.6

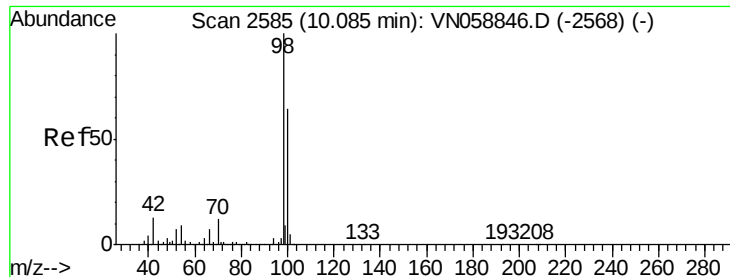


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.364 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058938.D

Acq: 23 Oct 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

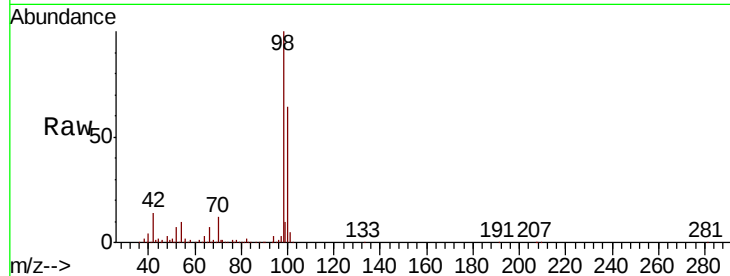
S32-0667

Tot Ion: 98 Resp: 617374

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

300000

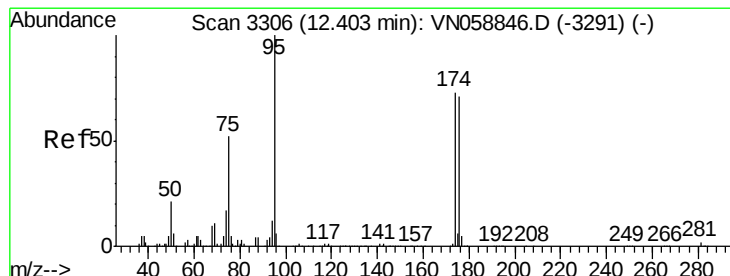
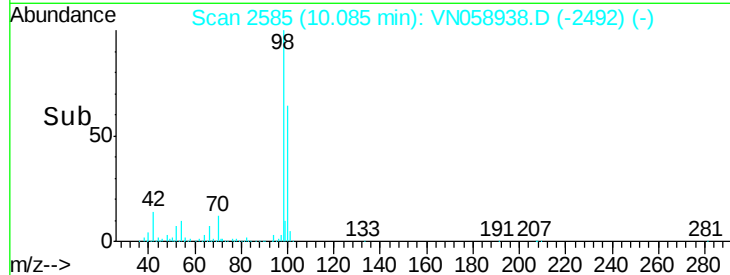
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 41.685 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058938.D

Acq: 23 Oct 2019 18:20

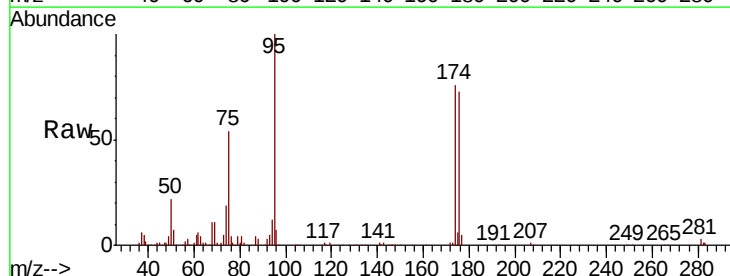
Tgt Ion: 95 Resp: 199535

Ion Ratio Lower Upper

95 100

174 77.0 0.0 147.6

176 75.7 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

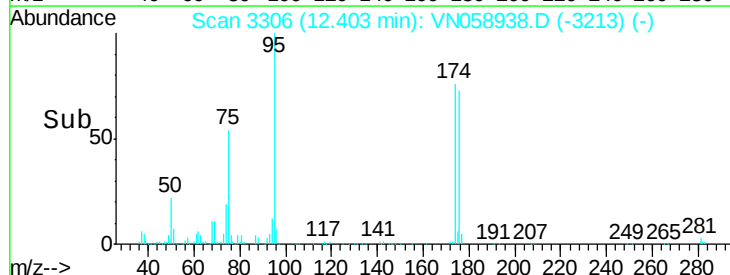
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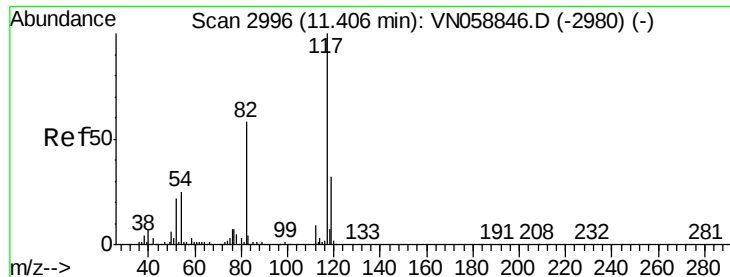
50000

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Time-->

12.30 12.40 12.50

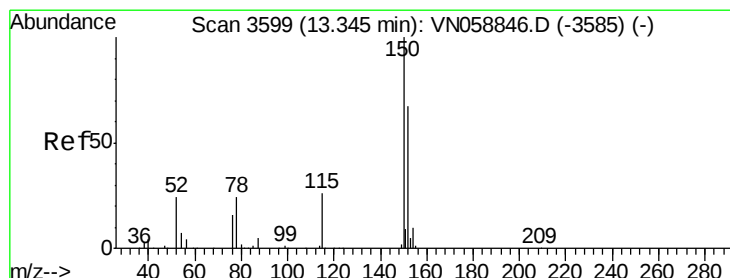
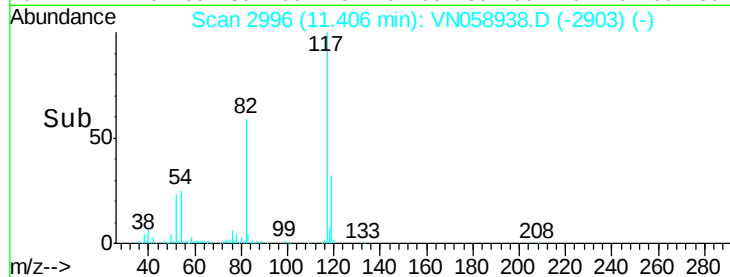
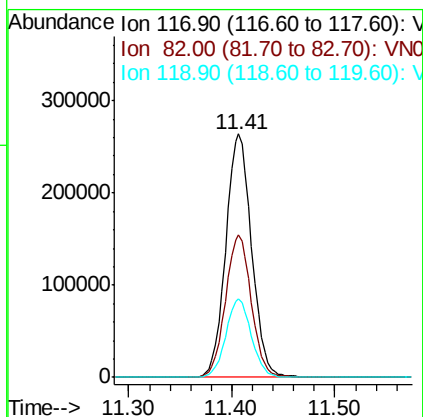
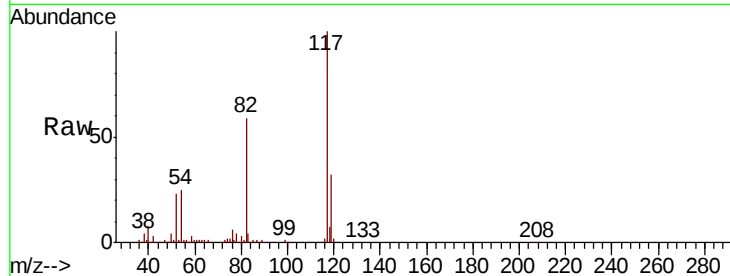




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058938.D
Acq: 23 Oct 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
S32-0667

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.6	69.8
119	32.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058938.D
Acq: 23 Oct 2019 18:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.5	91.5
150	159.0	0.0	344.4

