

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058963.D
 Acq On : 24 Oct 2019 15:56
 Operator : JC/SP
 Sample : K5508-04RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0668RE

Quant Time: Oct 25 02:20:02 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

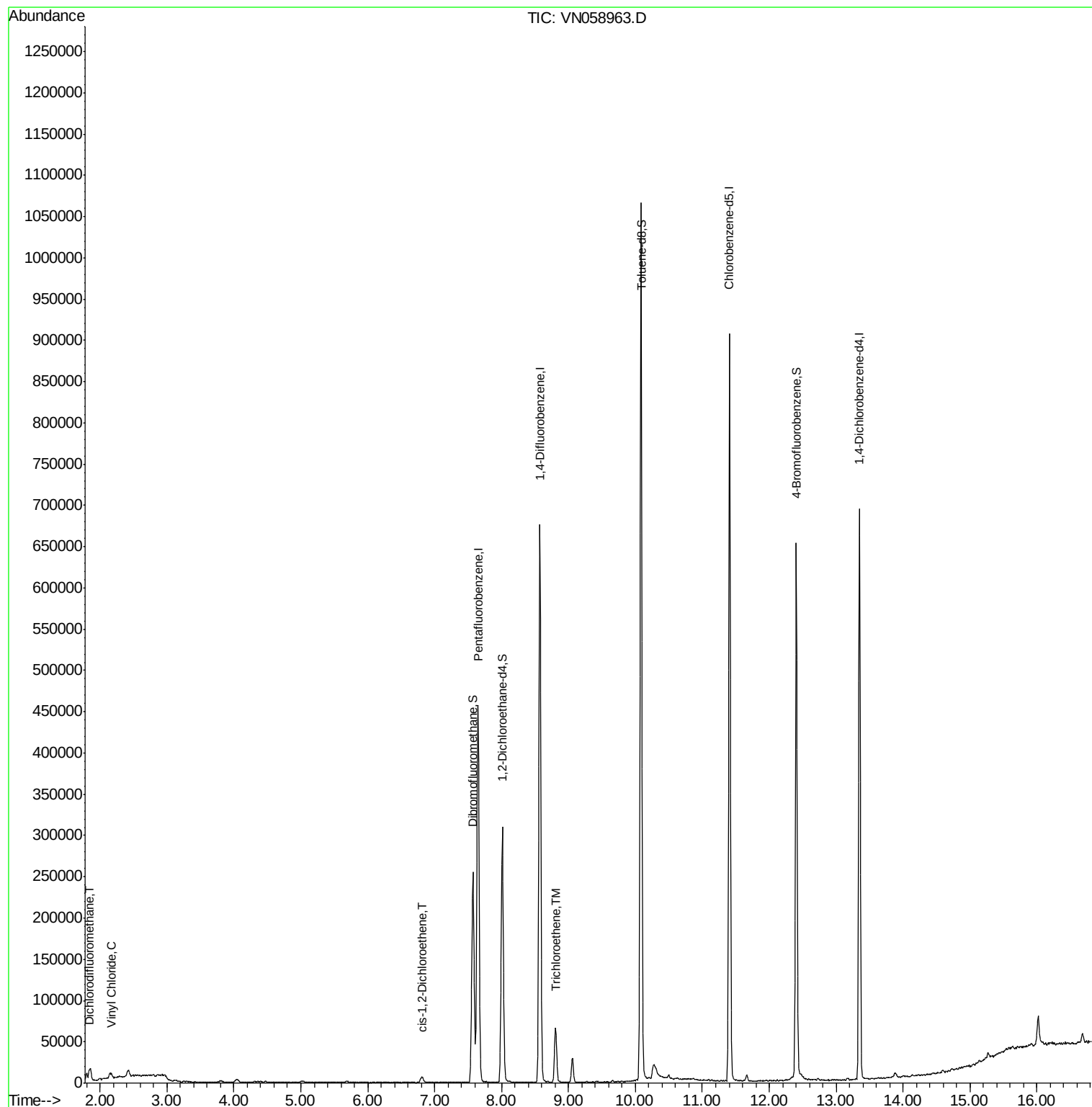
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	360597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	577868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	181758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	271075	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	7.57	113	194073	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.08	98	722410	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	225767	41.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.36%	
Target Compounds						
2) Dichlorodifluoromethane	1.84	85	8090	1.799	ug/l	95
4) Vinyl Chloride	2.17	62	3616	0.654	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	3175	0.708	ug/l	70
44) Trichloroethene	8.82	130	1245	0.294	ug/l	88

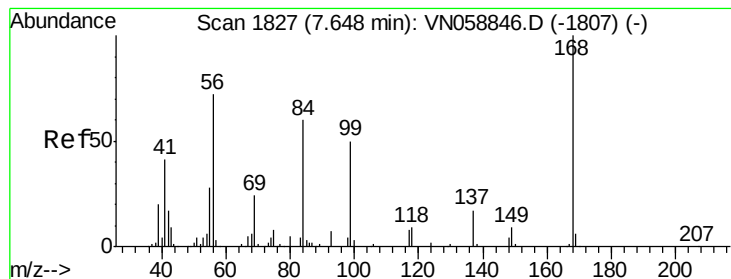
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102519\
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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# 1827

Delta R.T. 0.00 min

Lab File: VN058963.D

Acq: 24 Oct 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

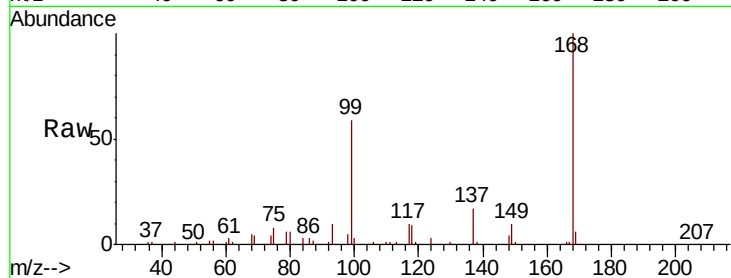
S32-0668RE

Tot Ion:168 Resp: 360597

Ion Ratio Lower Upper

168 100

99 59.0 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

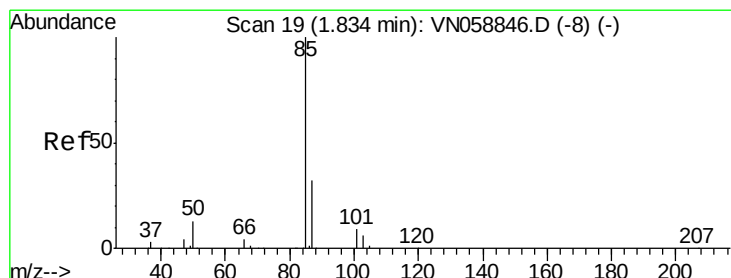
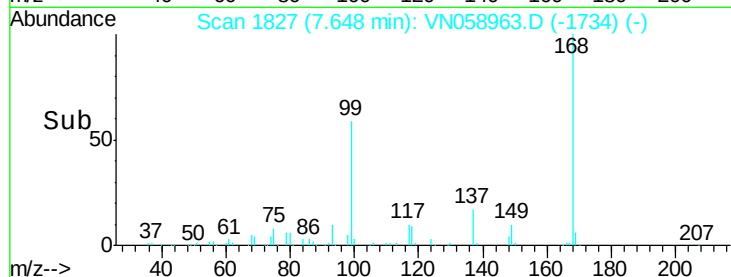
Time-->

7.50

7.60

7.70

7.80



#2

Dichlorodifluoromethane

Concen: 1.799 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058963.D

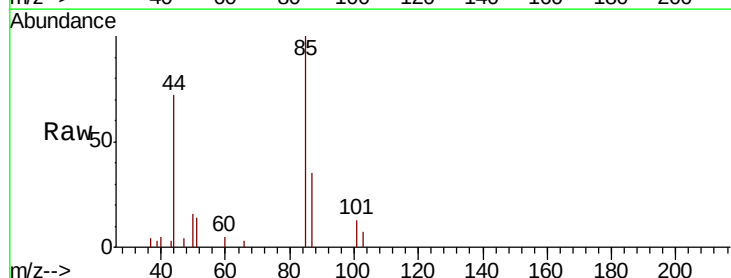
Acq: 24 Oct 2019 15:56

Tgt Ion: 85 Resp: 8090

Ion Ratio Lower Upper

85 100

87 35.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

6000

5000

4000

3000

2000

1000

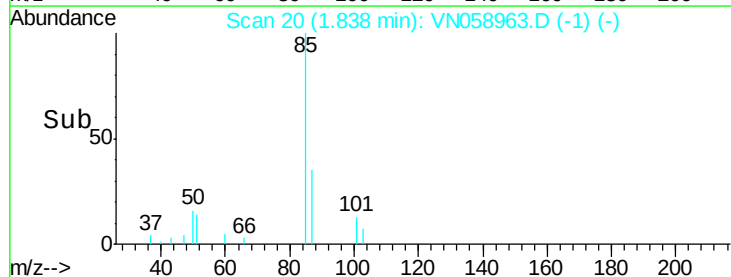
0

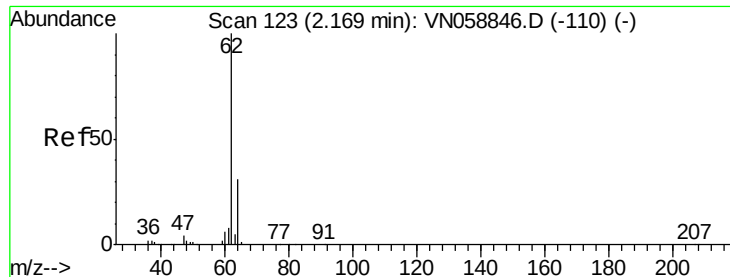
Time-->

1.80

1.85

1.90





#4

Vinyl Chloride

Concen: 0.654 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058963.D

Acq: 24 Oct 2019 15:56

Instrument :

MSVOA_N

ClientSampled :

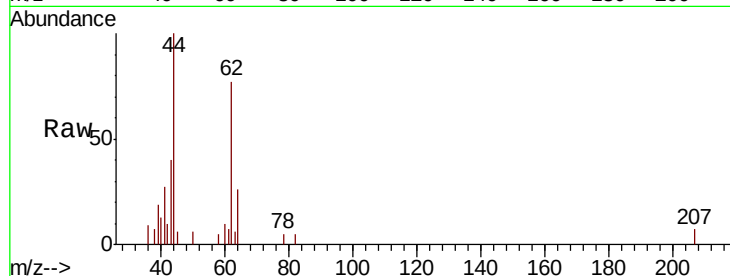
S32-0668RE

Tot Ion: 62 Resp: 3616

Ion Ratio Lower Upper

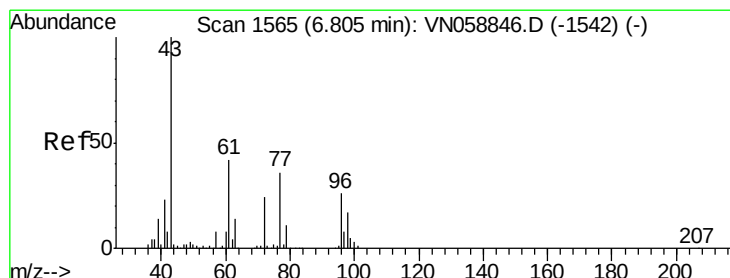
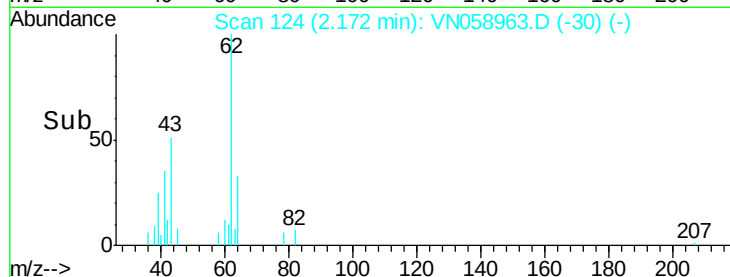
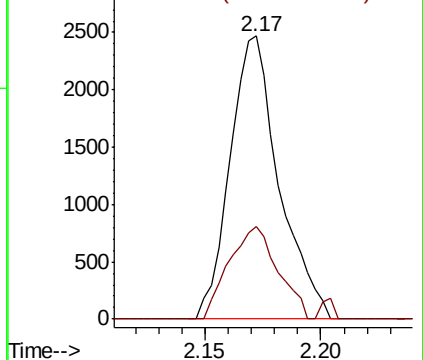
62 100

64 33.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.708 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058963.D

Acq: 24 Oct 2019 15:56

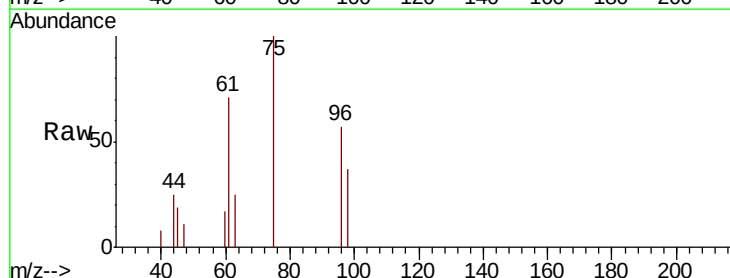
Tgt Ion: 96 Resp: 3175

Ion Ratio Lower Upper

96 100

61 121.5 0.0 325.0

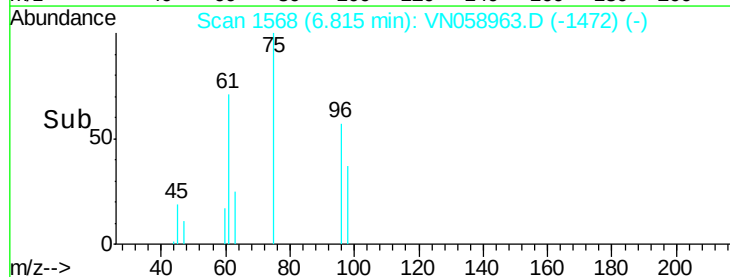
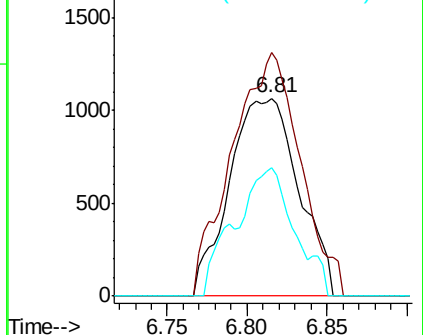
98 42.5 0.0 128.0

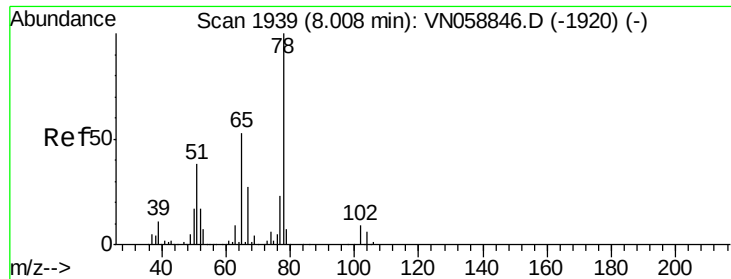


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

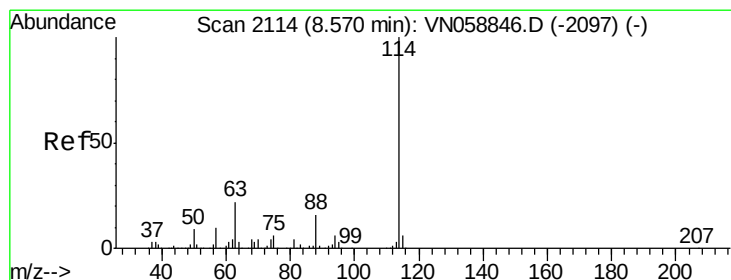
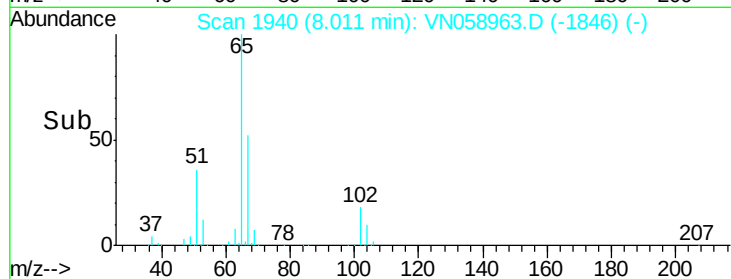
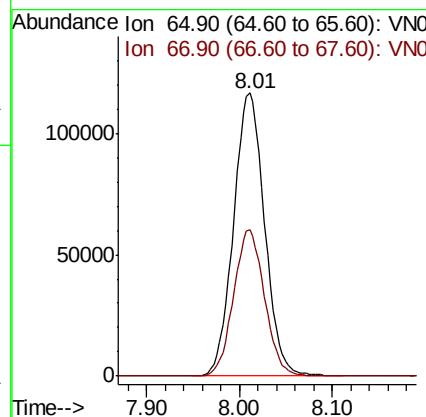
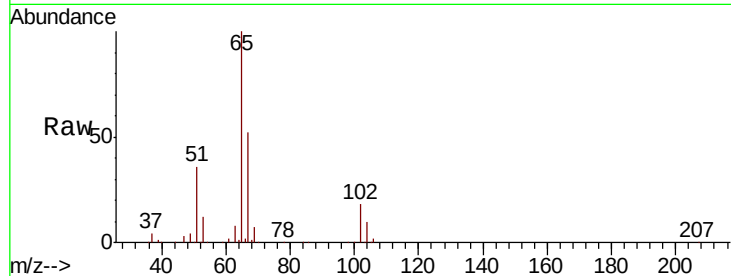




#33
 1,2-Dichloroethane-d4
 Concen: 51.255 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058963.D
 Acq: 24 Oct 2019 15:56

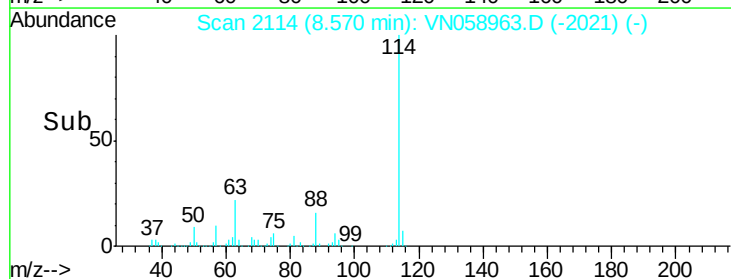
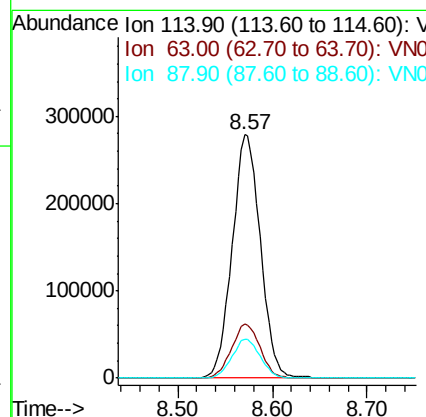
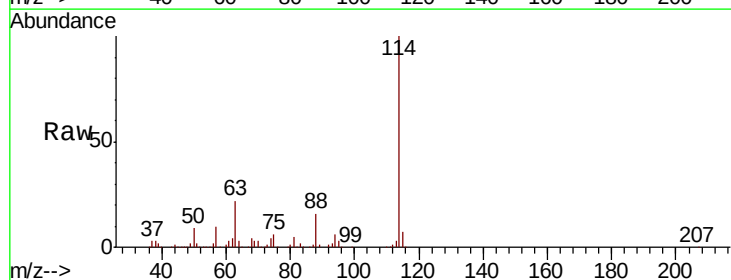
Instrument :
 MSVOA_N
 ClientSampled :
 S32-0668RE

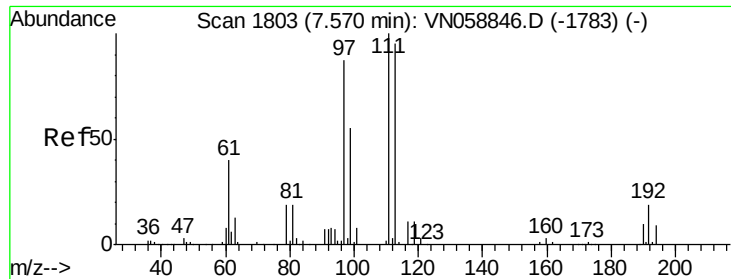
Tot Ion: 65 Resp: 271075
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058963.D
 Acq: 24 Oct 2019 15:56

Tgt Ion: 114 Resp: 577868
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.0 0.0 31.4

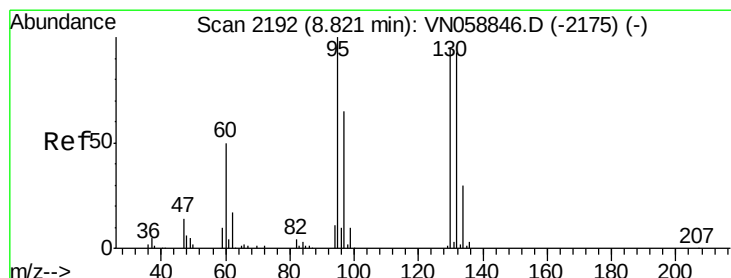
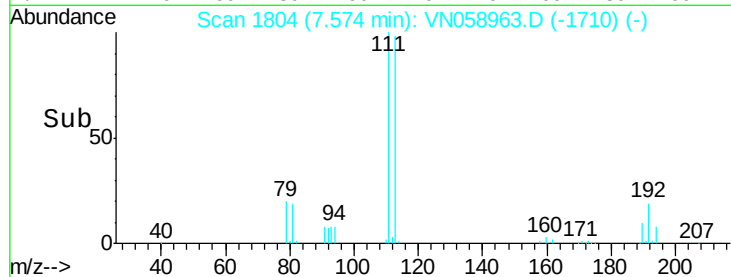
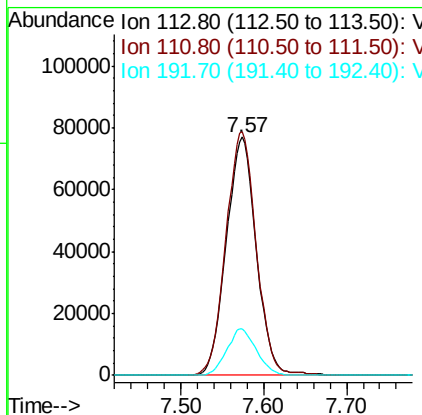
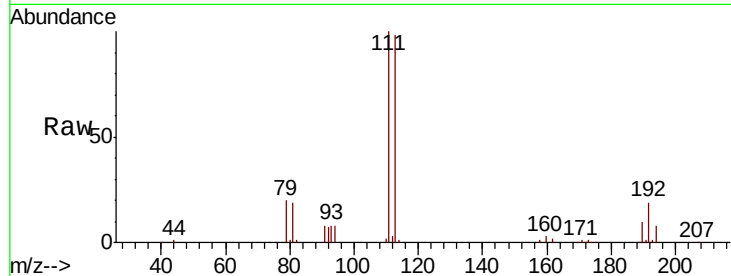




#35
 Dibromofluoromethane
 Concen: 51.081 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058963.D
 Acq: 24 Oct 2019 15:56

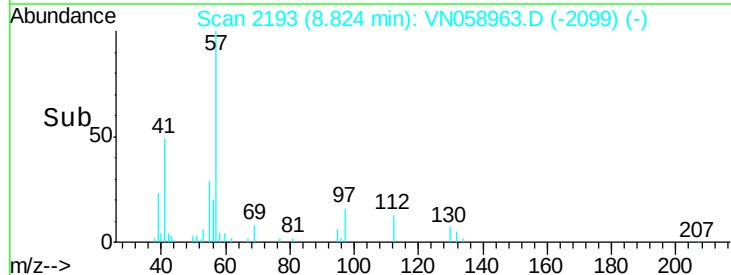
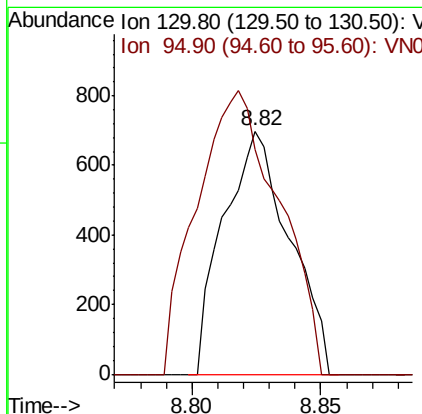
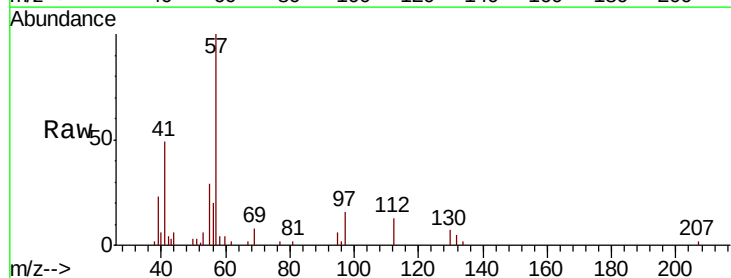
Instrument :
 MSVOA_N
 ClientSampled :
 S32-0668RE

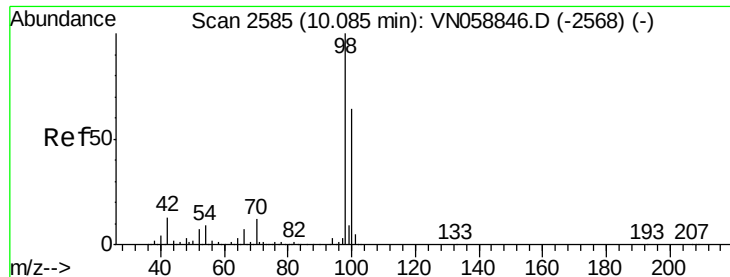
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	19.2	15.0	22.6



#44
 Trichloroethene
 Concen: 0.294 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058963.D
 Acq: 24 Oct 2019 15:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	209.6





#50

Toluene-d8

Concen: 48.982 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058963.D

Acq: 24 Oct 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

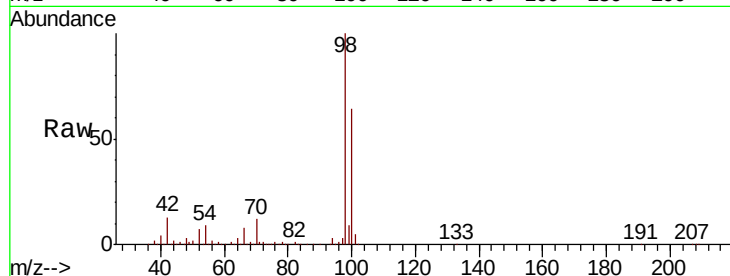
S32-0668RE

Tot Ion: 98 Resp: 722410

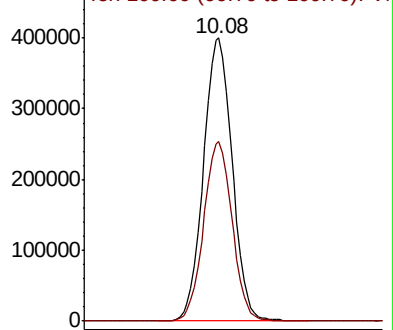
Ion Ratio Lower Upper

98 100

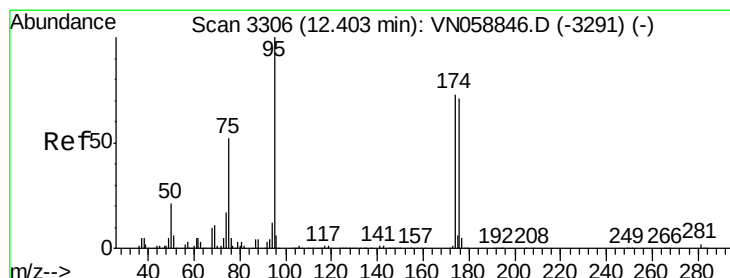
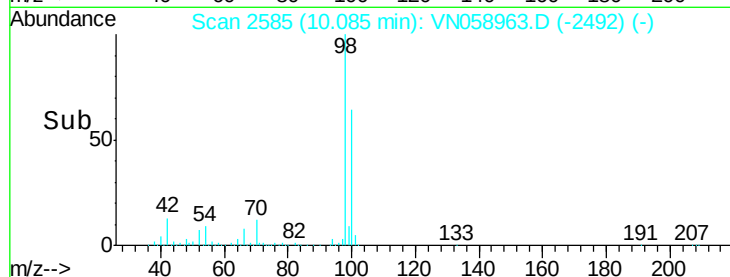
100 63.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 41.685 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058963.D

Acq: 24 Oct 2019 15:56

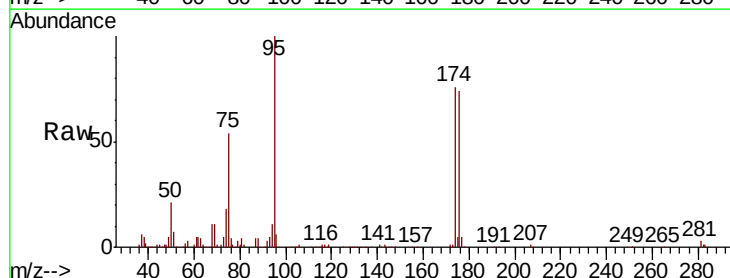
Tgt Ion: 95 Resp: 225767

Ion Ratio Lower Upper

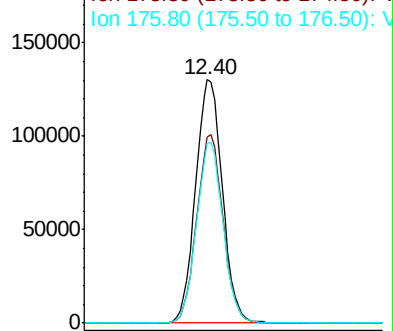
95 100

174 75.7 0.0 147.6

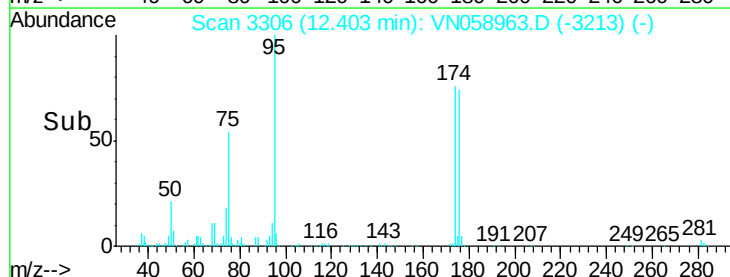
176 73.2 0.0 143.2

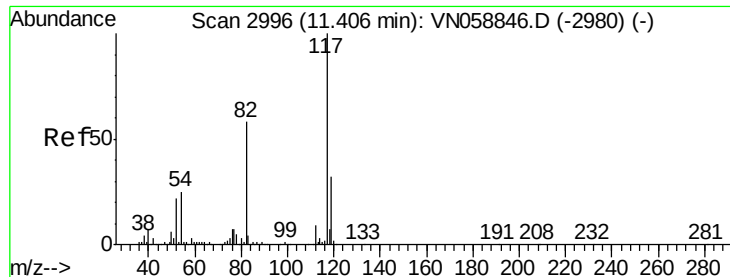


Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)



Time-->

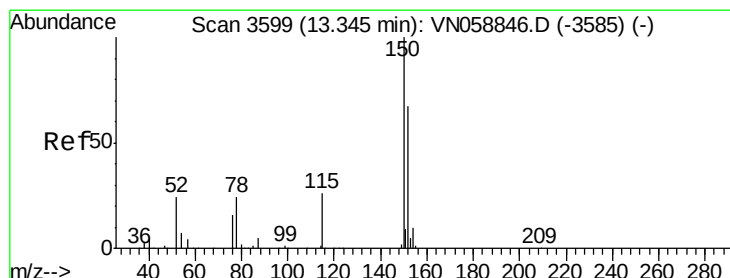
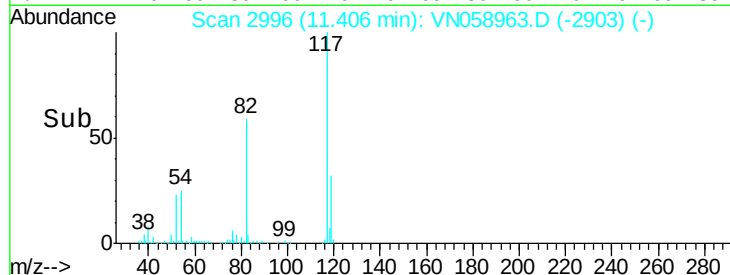
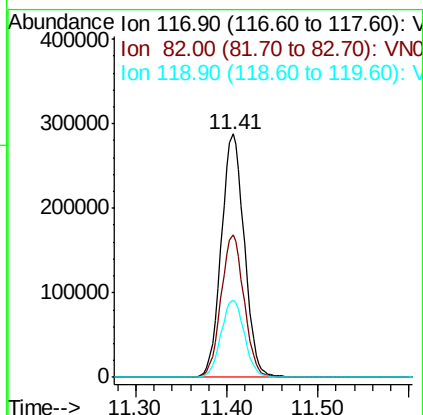
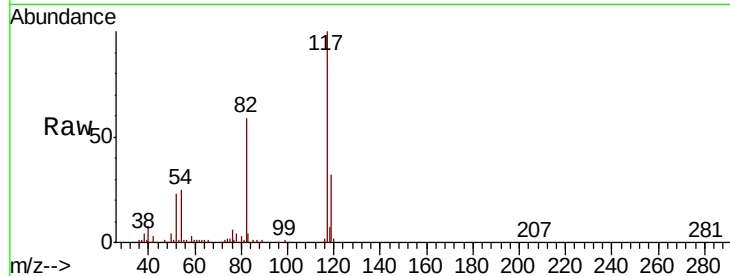




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058963.D
Acq: 24 Oct 2019 15:56

Instrument :
MSVOA_N
ClientSampleId :
S32-0668RE

Tot Ion:117 Resp: 506460
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 31.7 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: VN058963.D
Acq: 24 Oct 2019 15:56

Tgt Ion:152 Resp: 181758
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 157.5 0.0 344.4

