

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058965.D
 Acq On : 24 Oct 2019 16:40
 Operator : JC/SP
 Sample : K5508-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0667

Quant Time: Oct 25 02:26:15 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

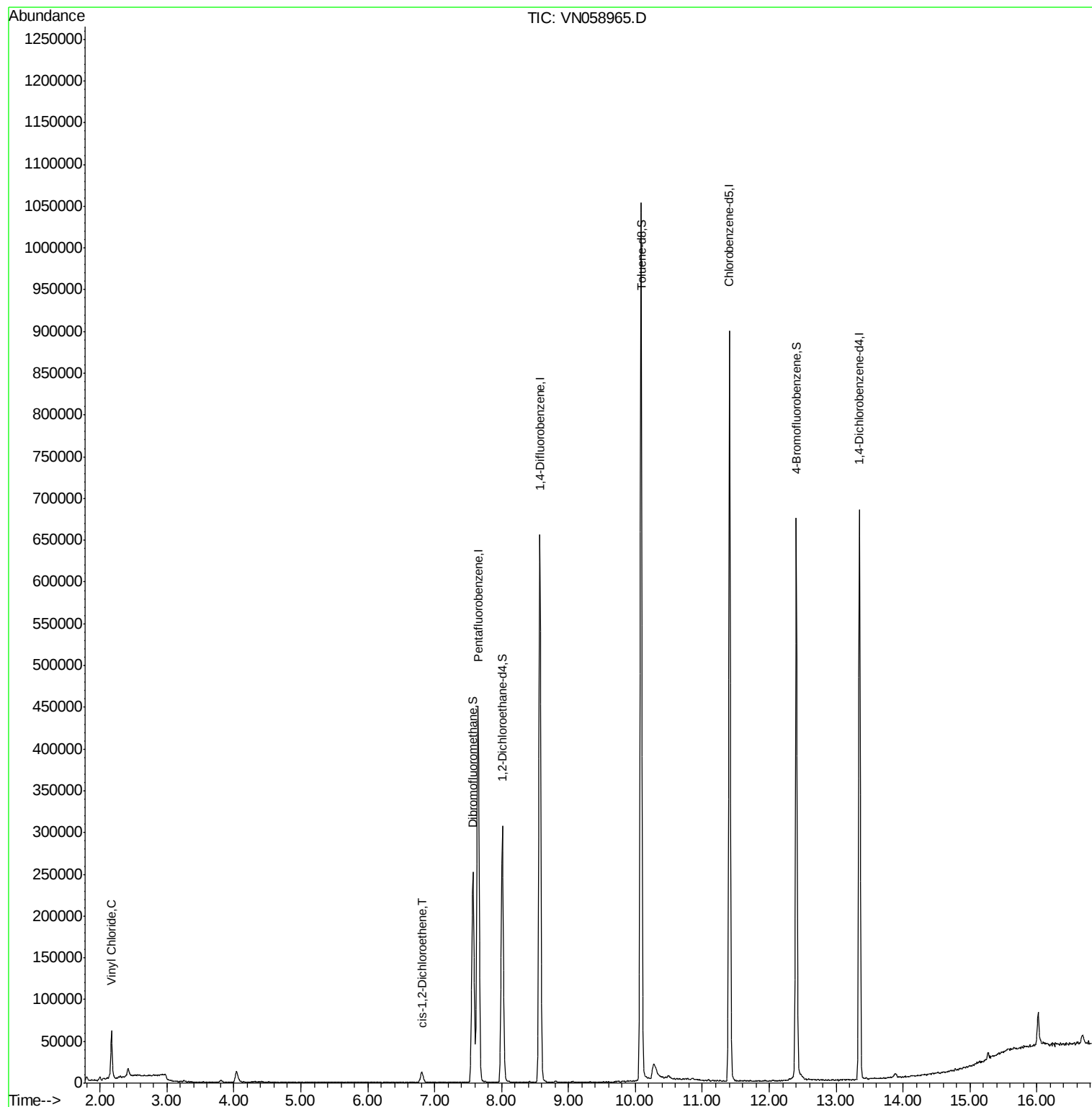
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	354079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	562338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	180578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270308	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	7.57	113	194908	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	10.08	98	718805	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	227362	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.28%	
Target Compounds						
4) Vinyl Chloride	2.17	62	52681	9.704	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	6968	1.582	ug/l	88

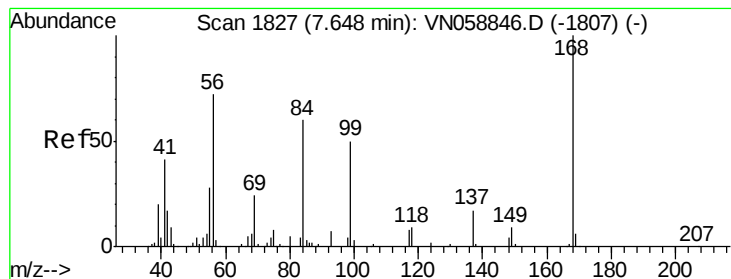
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058965.D

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ClientSampleId :

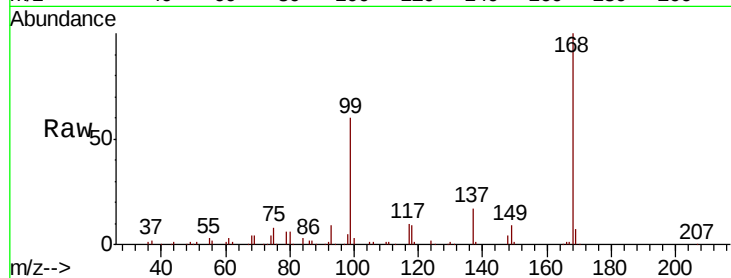
S32-0667

Tot Ion:168 Resp: 354079

Ion Ratio Lower Upper

168 100

99 59.9 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

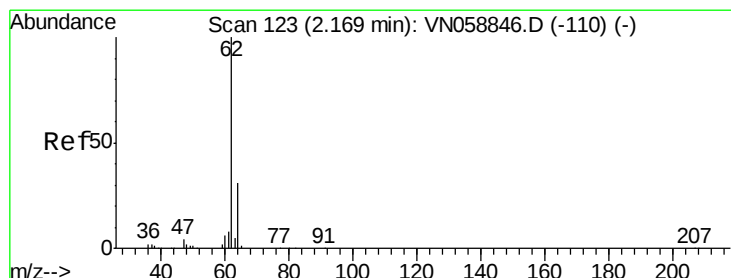
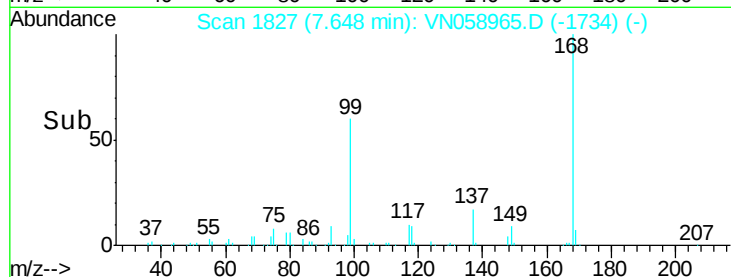
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 9.704 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058965.D

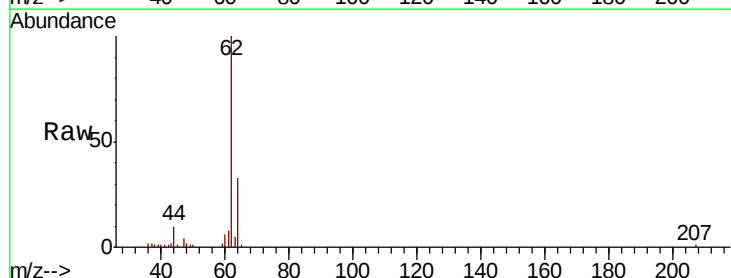
Acq: 24 Oct 2019 16:40

Tgt Ion: 62 Resp: 52681

Ion Ratio Lower Upper

62 100

64 33.1 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

40000

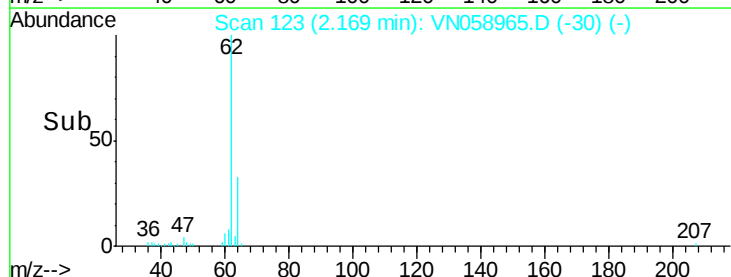
30000

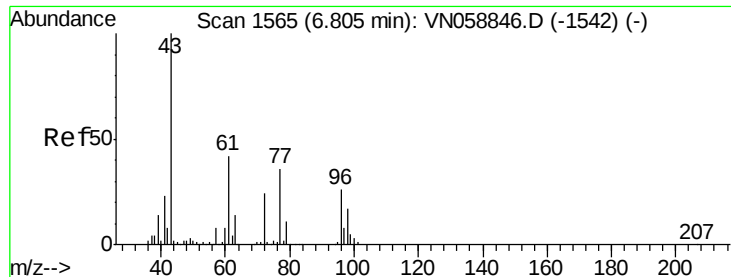
20000

10000

0

Time--> 2.10 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 1.582 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN058965.D

Acq: 24 Oct 2019 16:40

Instrument :

MSVOA_N

ClientSampleId :

S32-0667

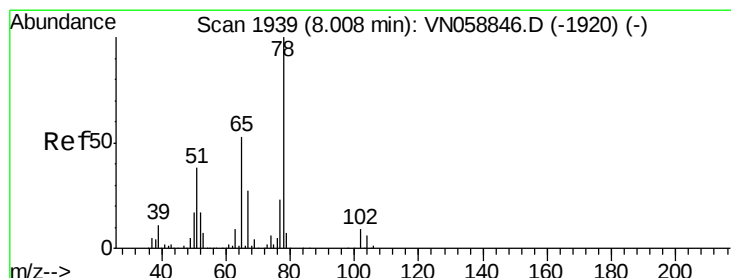
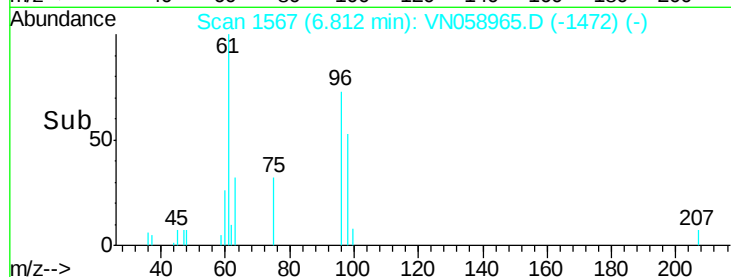
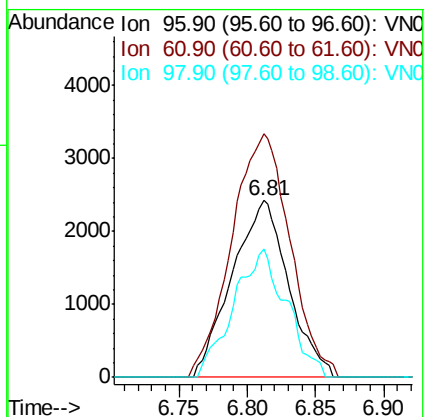
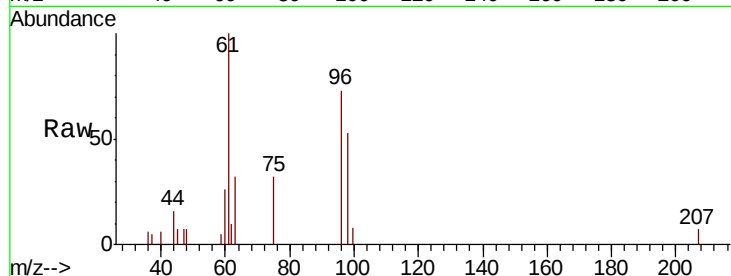
Tot Ion: 96 Resp: 6968

Ion Ratio Lower Upper

96 100

61 142.4 0.0 325.0

98 68.0 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 52.051 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058965.D

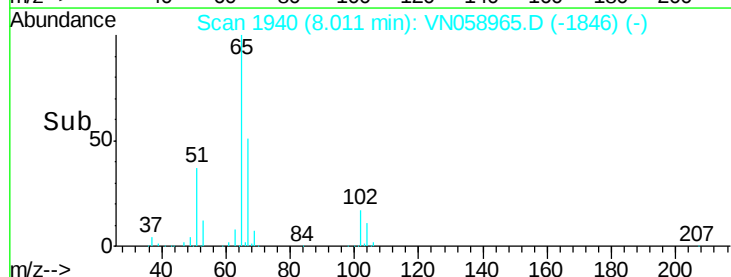
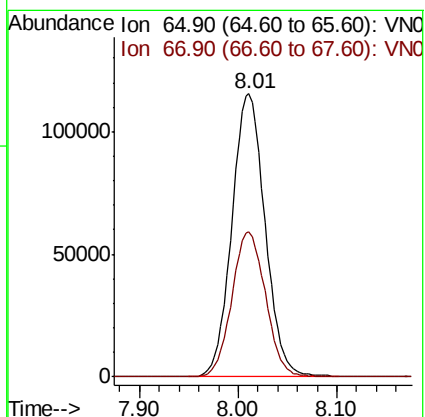
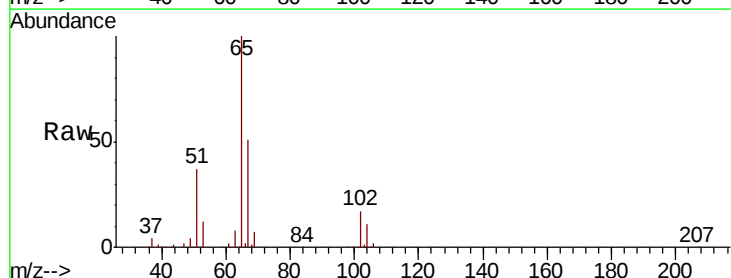
Acq: 24 Oct 2019 16:40

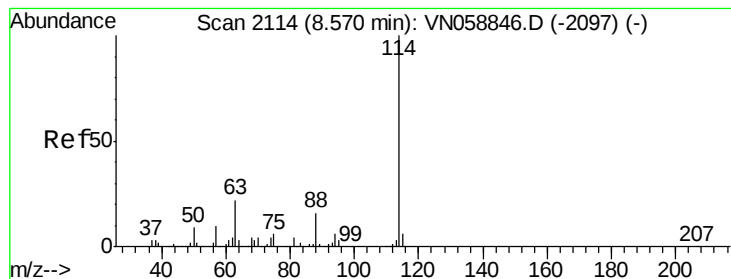
Tgt Ion: 65 Resp: 270308

Ion Ratio Lower Upper

65 100

67 52.1 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: VN058965.D

Acq: 24 Oct 2019 16:40

Instrument :

MSVOA_N

ClientSampleId :

S32-0667

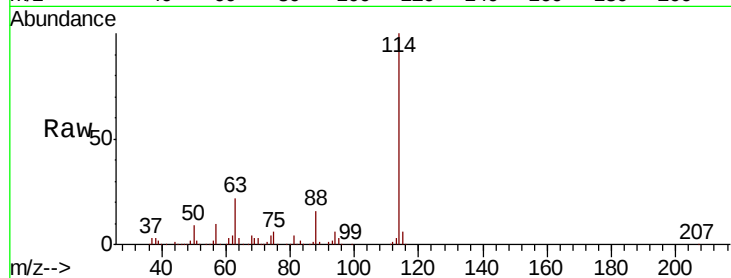
Tot Ion:114 Resp: 562338

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.4

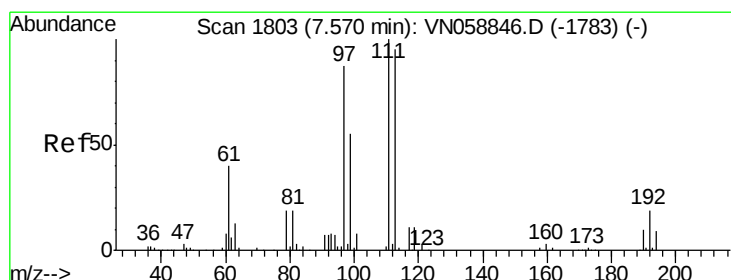
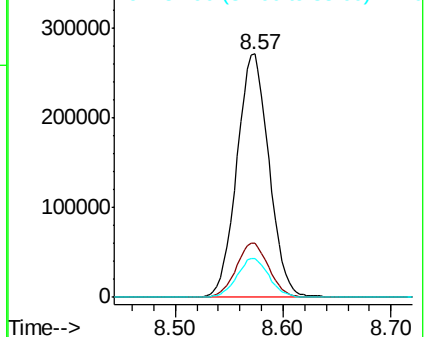
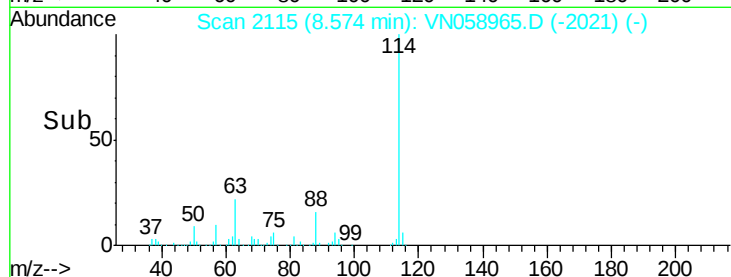
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 52.717 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058965.D

Acq: 24 Oct 2019 16:40

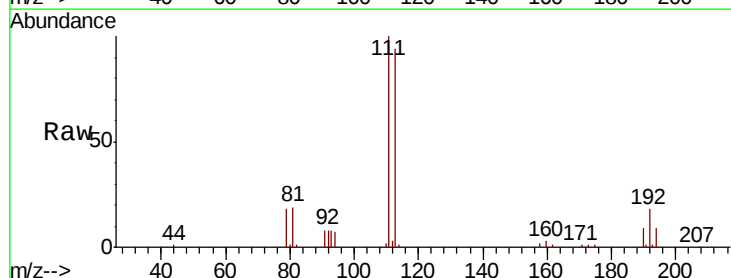
Tgt Ion:113 Resp: 194908

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

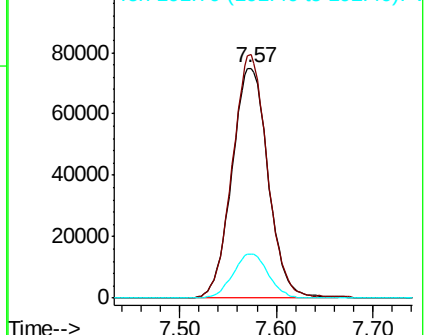
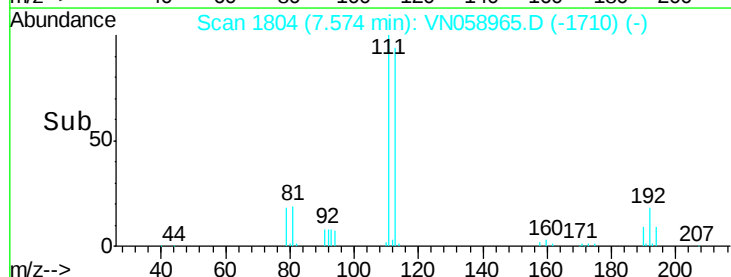
192 18.8 15.0 22.6

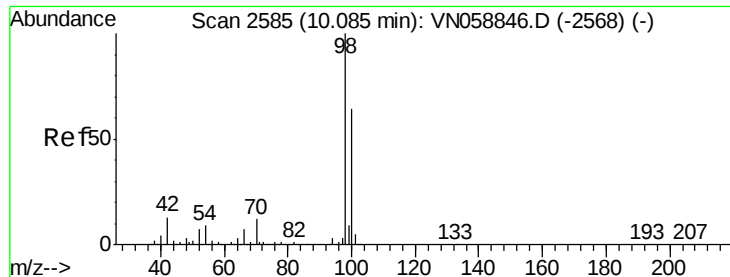


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.084 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058965.D

Acq: 24 Oct 2019 16:40

Instrument :

MSVOA_N

ClientSampleId :

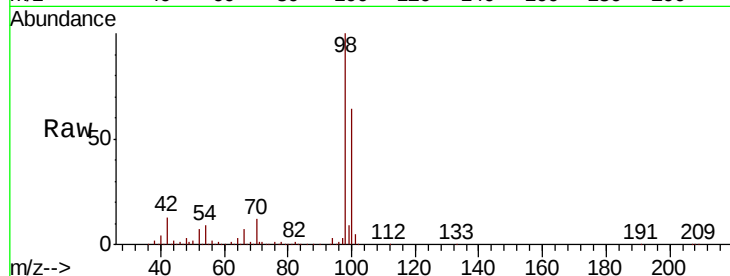
S32-0667

Tot Ion: 98 Resp: 718805

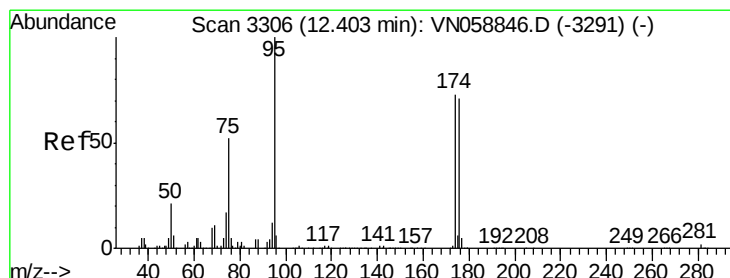
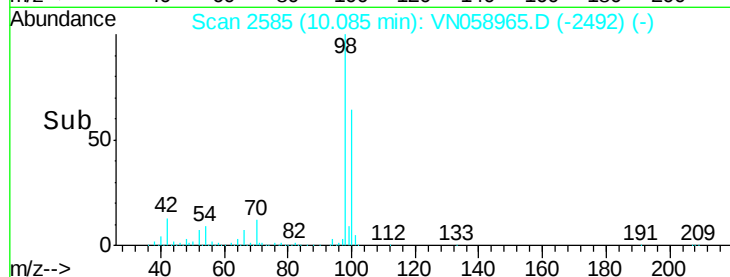
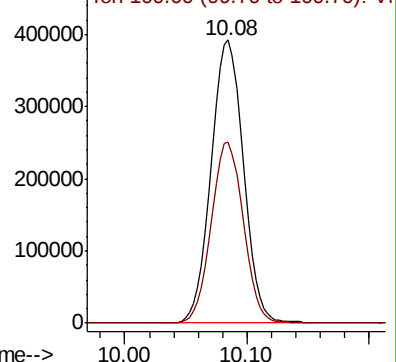
Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



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



#62

4-Bromofluorobenzene

Concen: 43.139 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058965.D

Acq: 24 Oct 2019 16:40

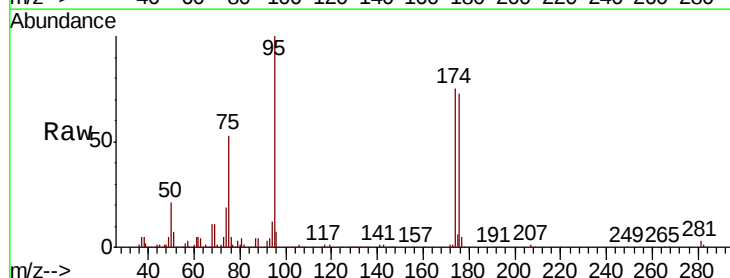
Tgt Ion: 95 Resp: 227362

Ion Ratio Lower Upper

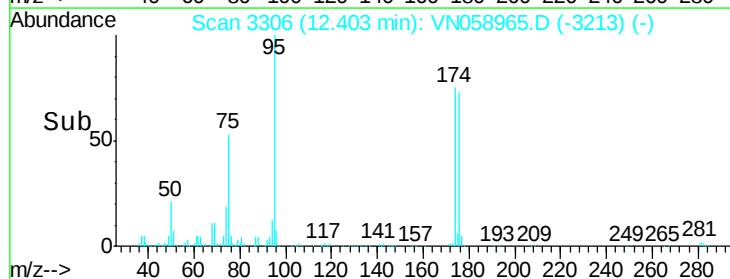
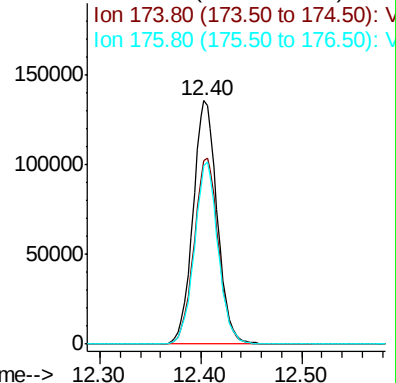
95 100

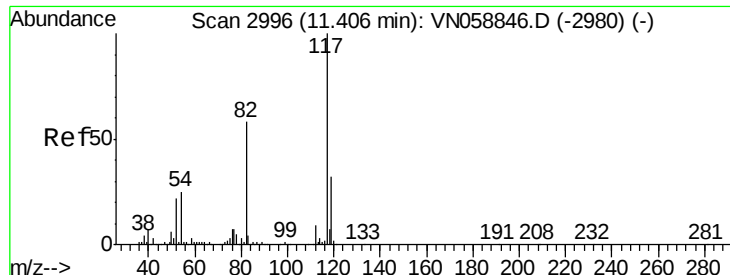
174 76.7 0.0 147.6

176 73.1 0.0 143.2



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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058965.D

Acq: 24 Oct 2019 16:40

Instrument :

MSVOA_N

ClientSampleId :

S32-0667

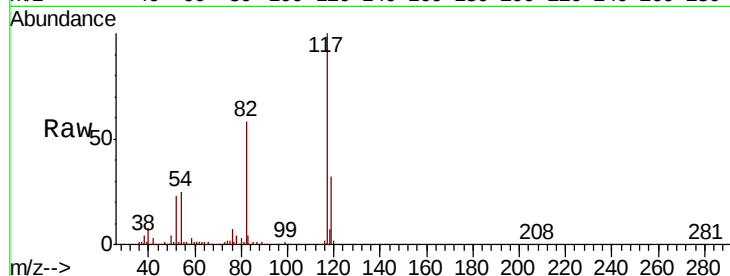
Tot Ion:117 Resp: 496390

Ion Ratio Lower Upper

117 100

82 58.1 46.6 69.8

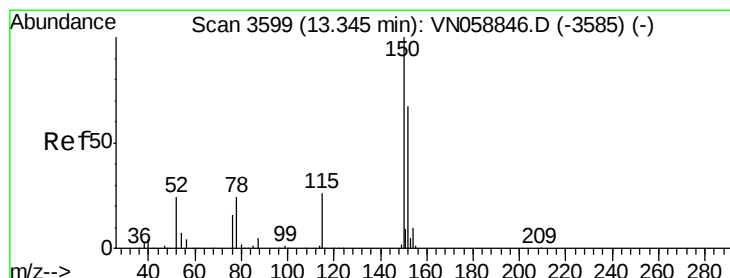
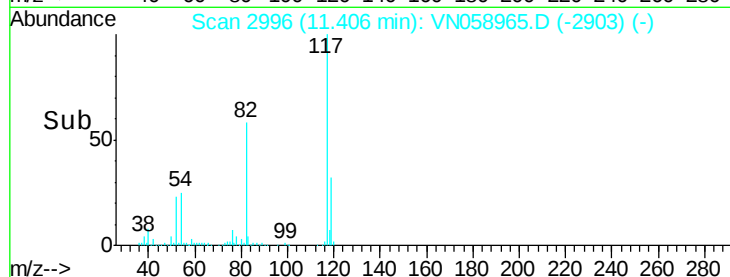
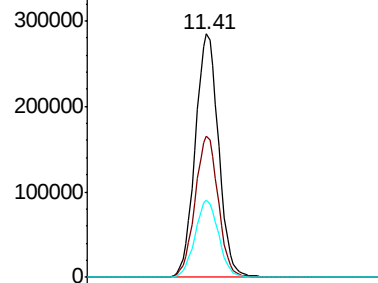
119 31.6 25.6 38.4



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: VN058965.D

Acq: 24 Oct 2019 16:40

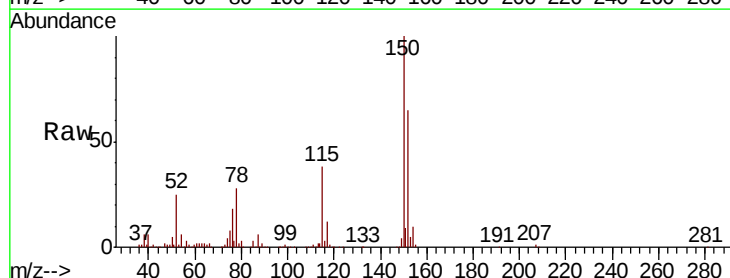
Tgt Ion:152 Resp: 180578

Ion Ratio Lower Upper

152 100

115 59.3 30.5 91.5

150 156.4 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

