

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058939.D
 Acq On : 23 Oct 2019 18:42
 Operator : JC/SP
 Sample : K5508-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0668

Quant Time: Oct 24 02:32:41 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

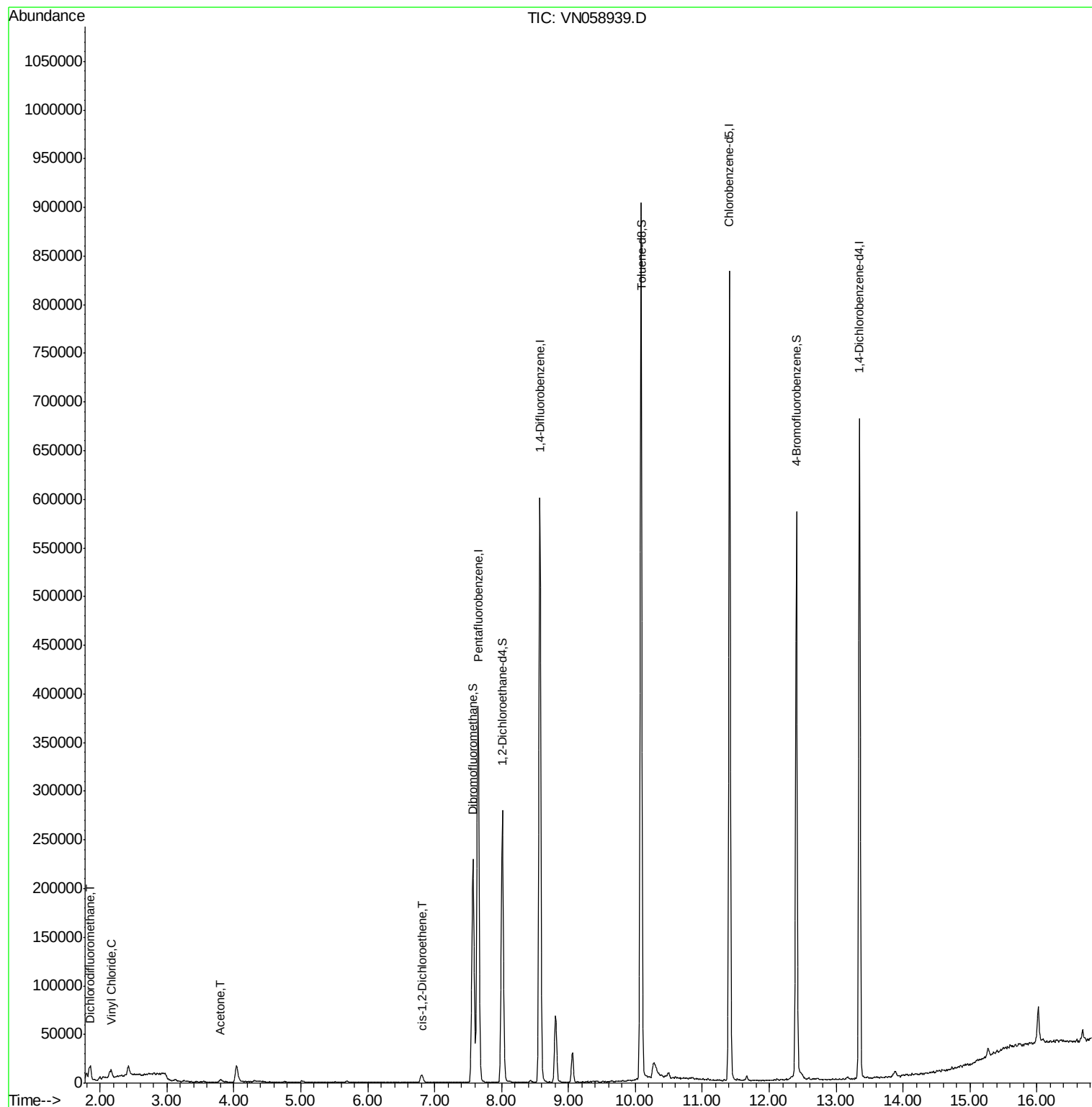
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	299685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	510281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	176206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	244470	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
35) Dibromofluoromethane	7.57	113	173347	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	10.08	98	612156	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.40	95	197050	41.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.40%	
Target Compounds						
2) Dichlorodifluoromethane	1.84	85	8279	2.216	ug/l	97
4) Vinyl Chloride	2.17	62	5420	1.180	ug/l	99
16) Acetone	3.80	43	5367	2.471	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	2848	0.764	ug/l	96

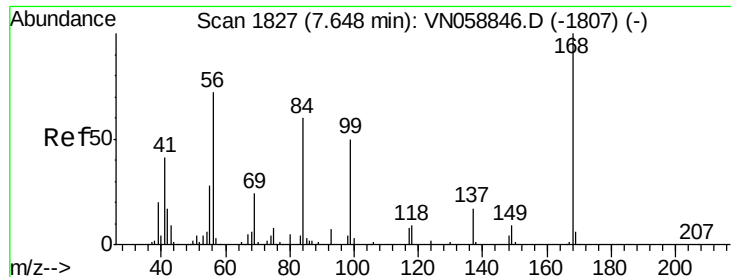
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102419\
Data File : VN058939.D
Acq On : 23 Oct 2019 18:42
Operator : JC/SP
Sample : K5508-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S32-0668

Quant Time: Oct 24 02:32:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
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: VN058939.D

Acq: 23 Oct 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

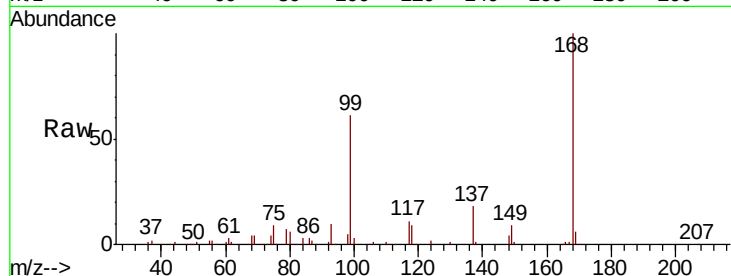
S32-0668

Tot Ion:168 Resp: 299685

Ion Ratio Lower Upper

168 100

99 60.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

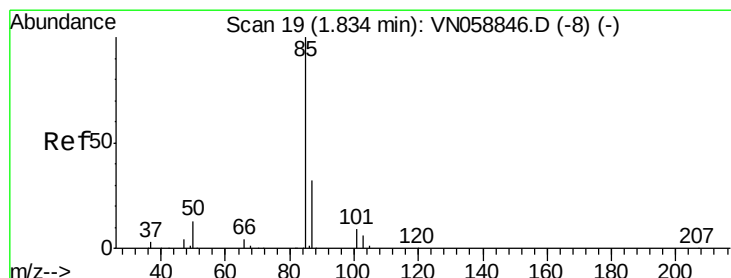
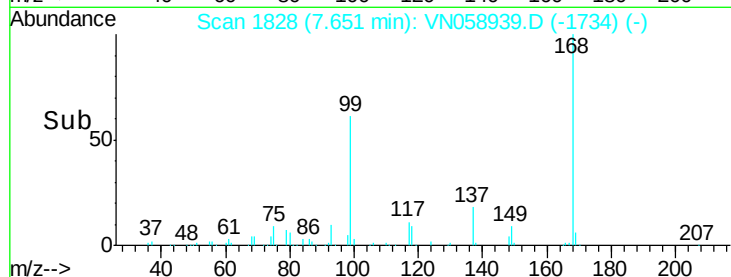
7.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.216 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058939.D

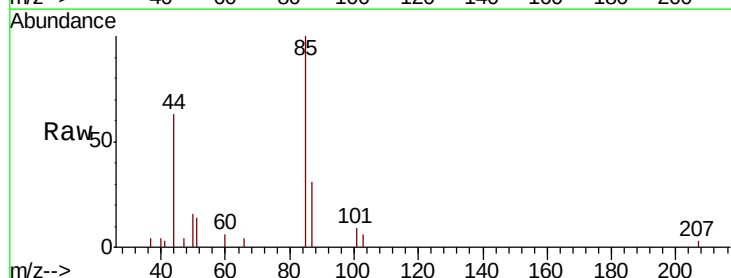
Acq: 23 Oct 2019 18:42

Tgt Ion: 85 Resp: 8279

Ion Ratio Lower Upper

85 100

87 30.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

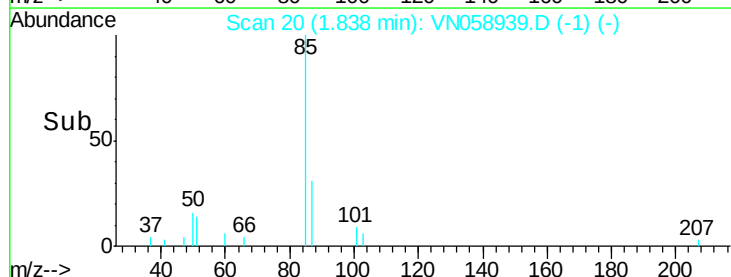
6000

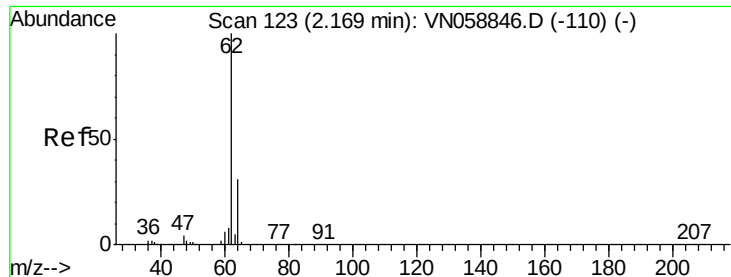
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 1.180 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058939.D

Acq: 23 Oct 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

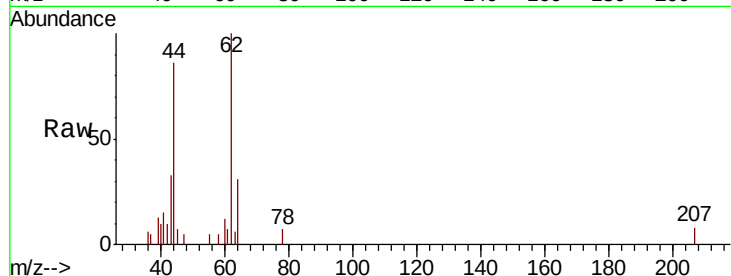
S32-0668

Tot Ion: 62 Resp: 5420

Ion Ratio Lower Upper

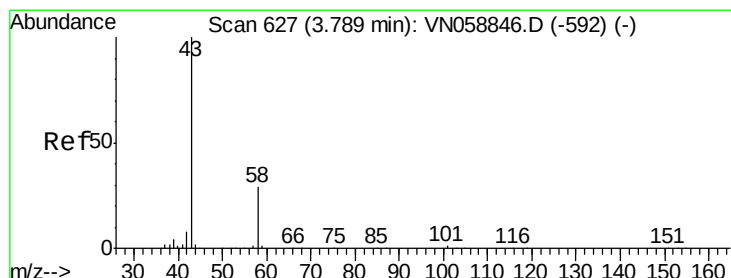
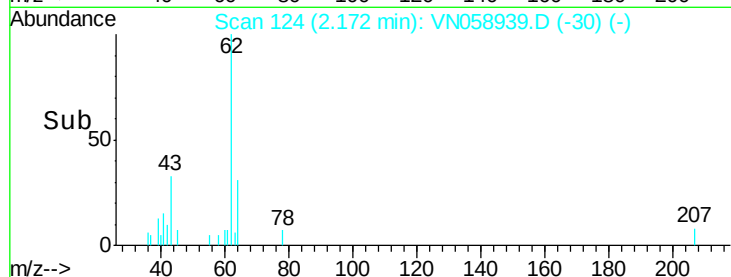
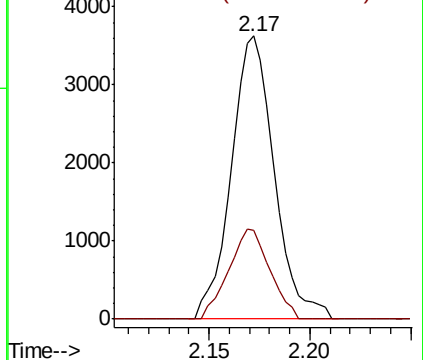
62 100

64 31.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VN058846.D (-110) (-)

Ion 63.90 (63.60 to 64.60): VN058846.D (-110) (-)



#16

Acetone

Concen: 2.471 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058939.D

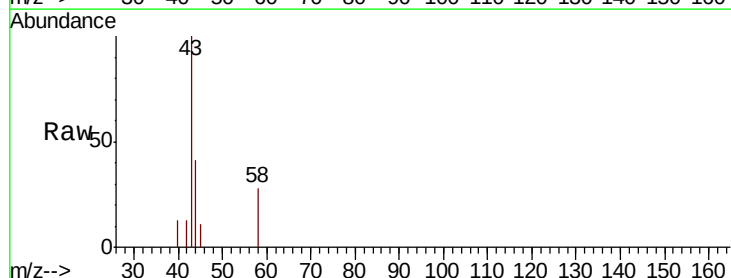
Acq: 23 Oct 2019 18:42

Tgt Ion: 43 Resp: 5367

Ion Ratio Lower Upper

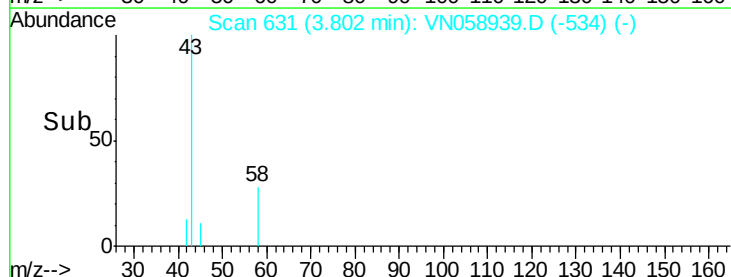
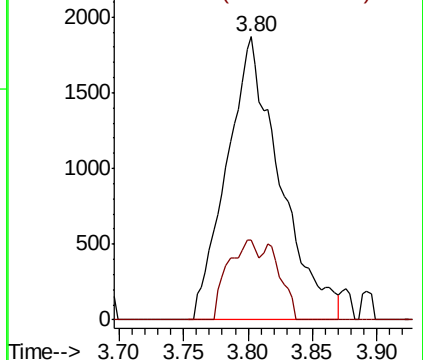
43 100

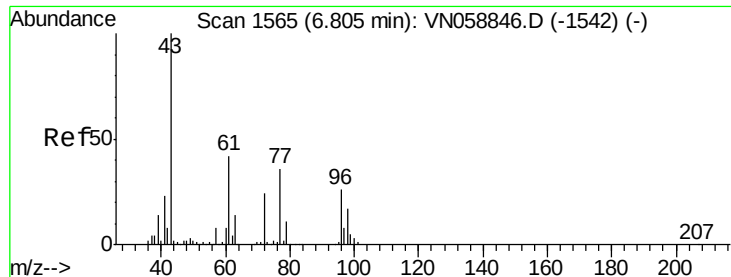
58 28.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.764 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058939.D

Acq: 23 Oct 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

S32-0668

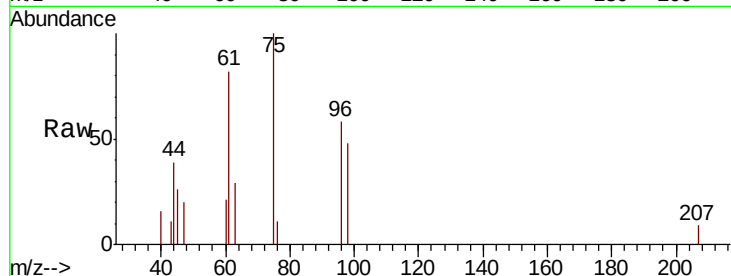
Tot Ion: 96 Resp: 2848

Ion Ratio Lower Upper

96 100

61 159.8 0.0 325.0

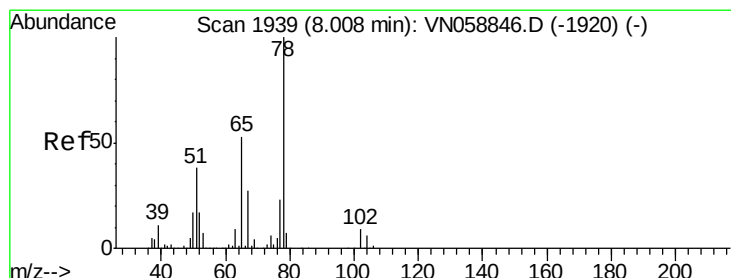
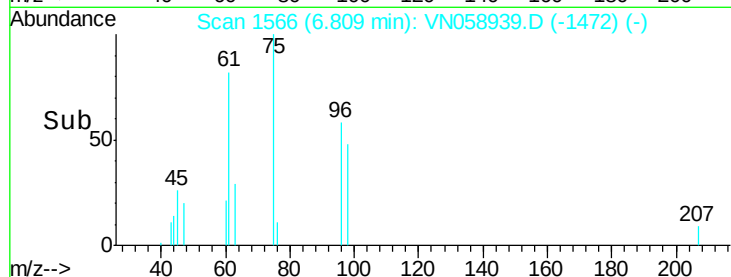
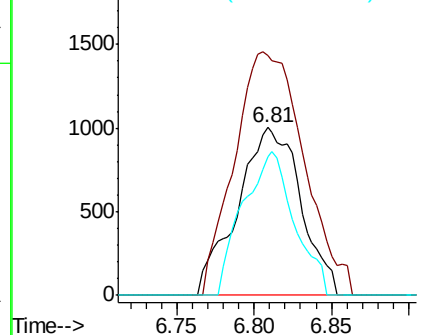
98 69.9 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VN058846.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN058846.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN058846.D (-1542) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.620 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058939.D

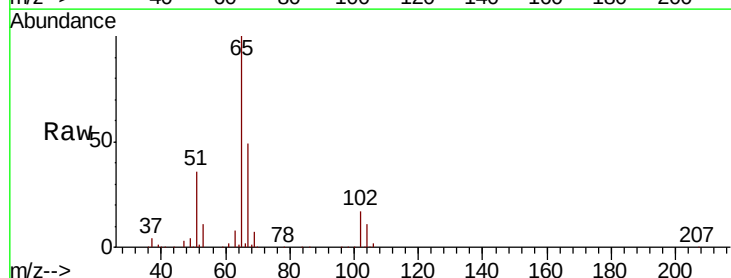
Acq: 23 Oct 2019 18:42

Tgt Ion: 65 Resp: 244470

Ion Ratio Lower Upper

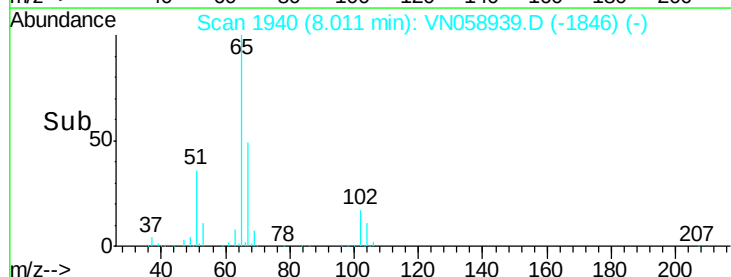
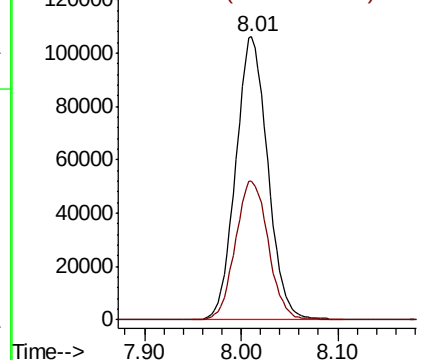
65 100

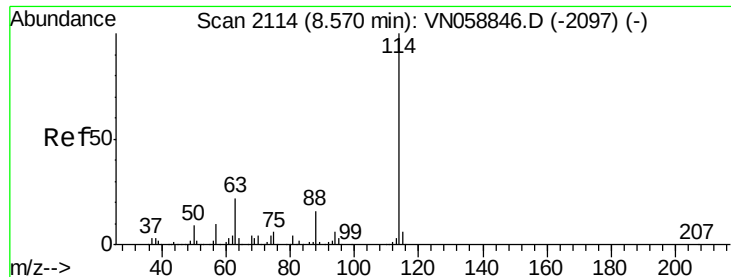
67 50.4 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN058846.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN058846.D (-1920) (-)

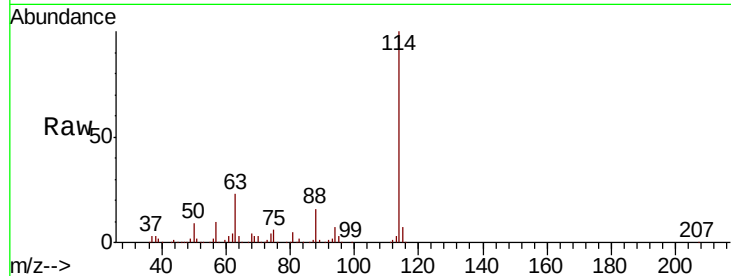




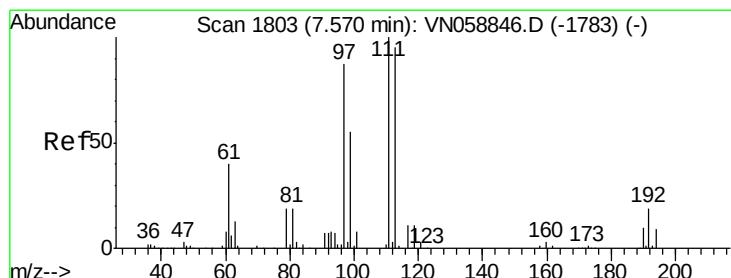
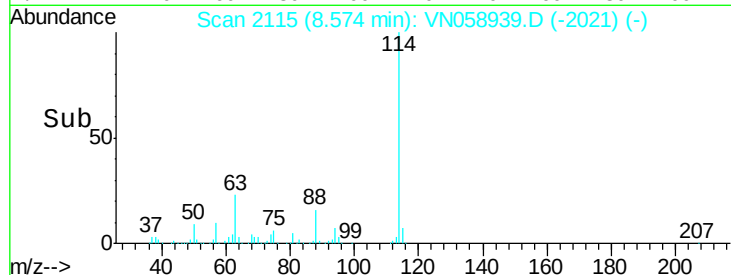
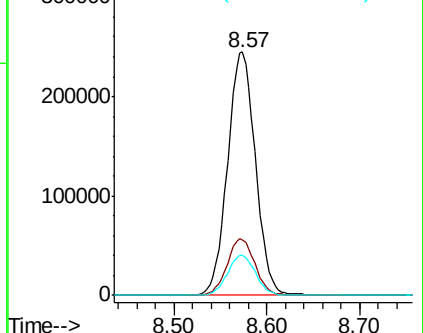
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058939.D
 Acq: 23 Oct 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0668

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.4
88	16.2	0.0	31.4

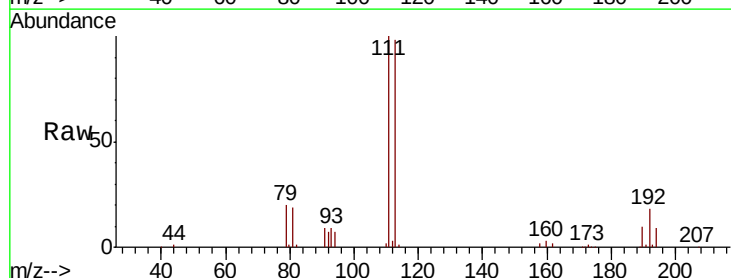


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

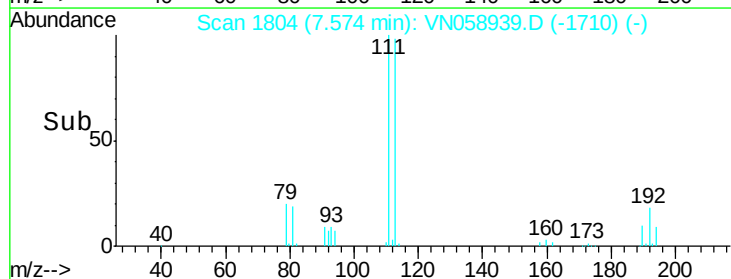
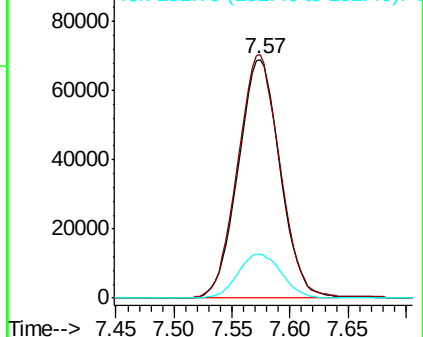


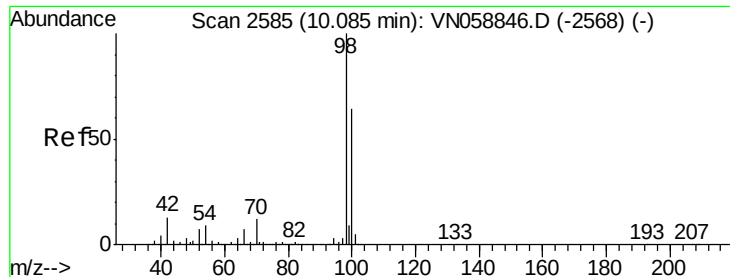
#35
 Dibromofluoromethane
 Concen: 51.669 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058939.D
 Acq: 23 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.3	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: 47.004 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058939.D

Acq: 23 Oct 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

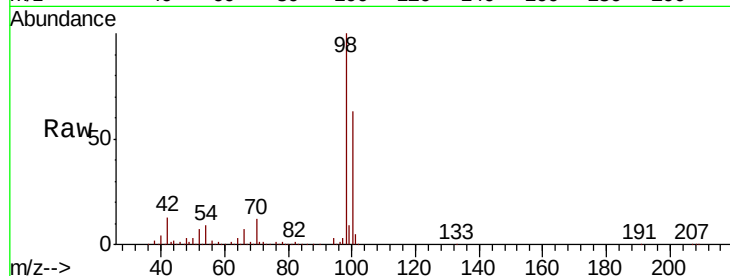
S32-0668

Tot Ion: 98 Resp: 612156

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



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

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)

10.08

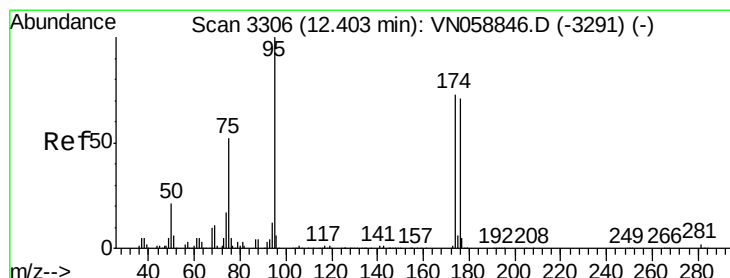
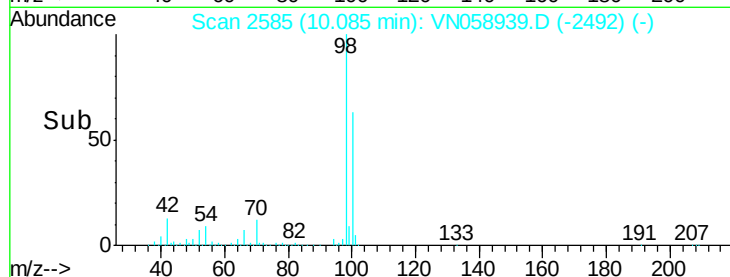
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.202 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058939.D

Acq: 23 Oct 2019 18:42

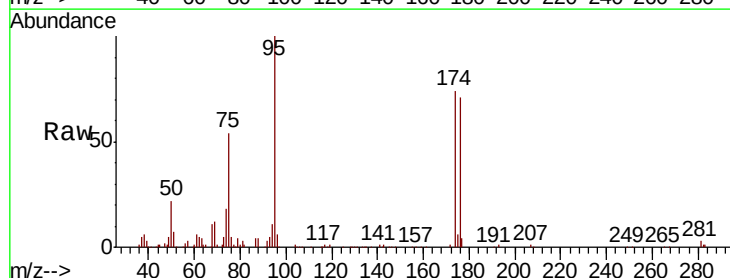
Tgt Ion: 95 Resp: 197050

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.6

176 73.4 0.0 143.2



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

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.40

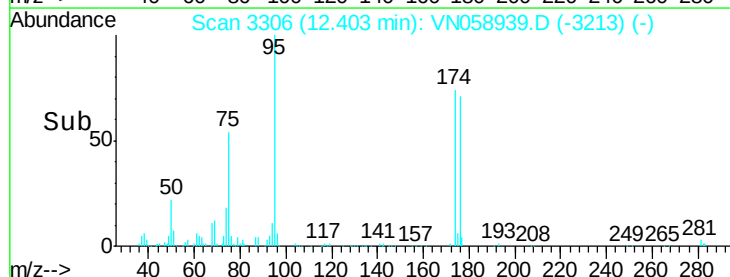
150000

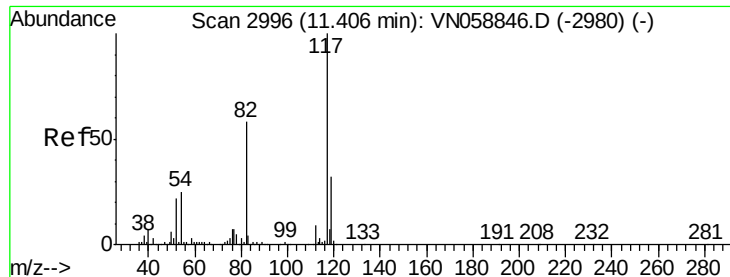
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058939.D

Acq: 23 Oct 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

S32-0668

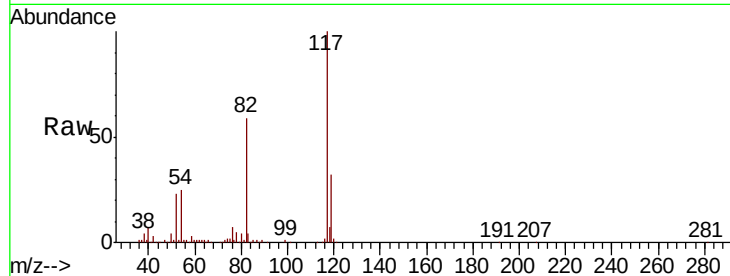
Tot Ion:117 Resp: 457690

Ion Ratio Lower Upper

117 100

82 59.5 46.6 69.8

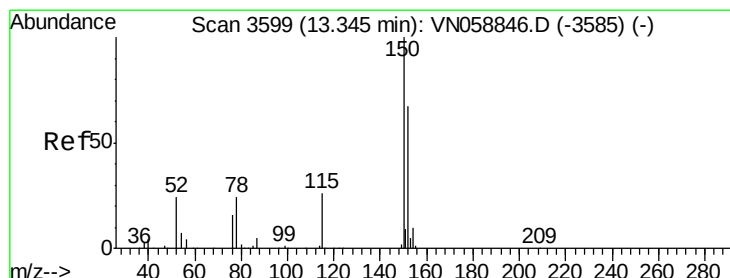
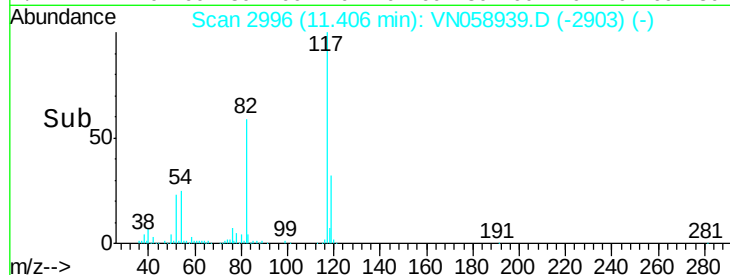
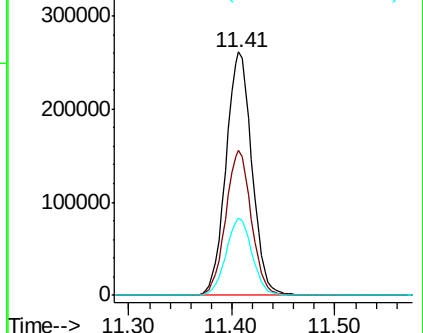
119 31.8 25.6 38.4



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: VN058939.D

Acq: 23 Oct 2019 18:42

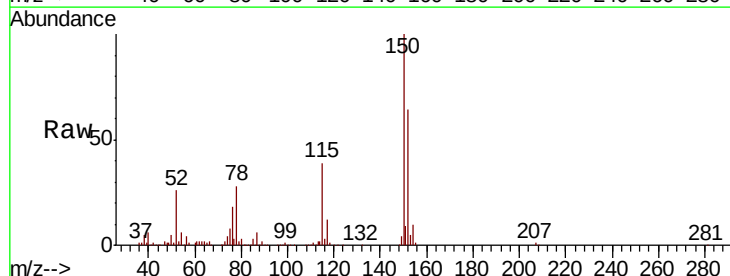
Tgt Ion:152 Resp: 176206

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

150 155.1 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

