

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058929.D
 Acq On : 23 Oct 2019 15:02
 Operator : JC/SP
 Sample : K5486-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-191021

Quant Time: Oct 24 02:03:41 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

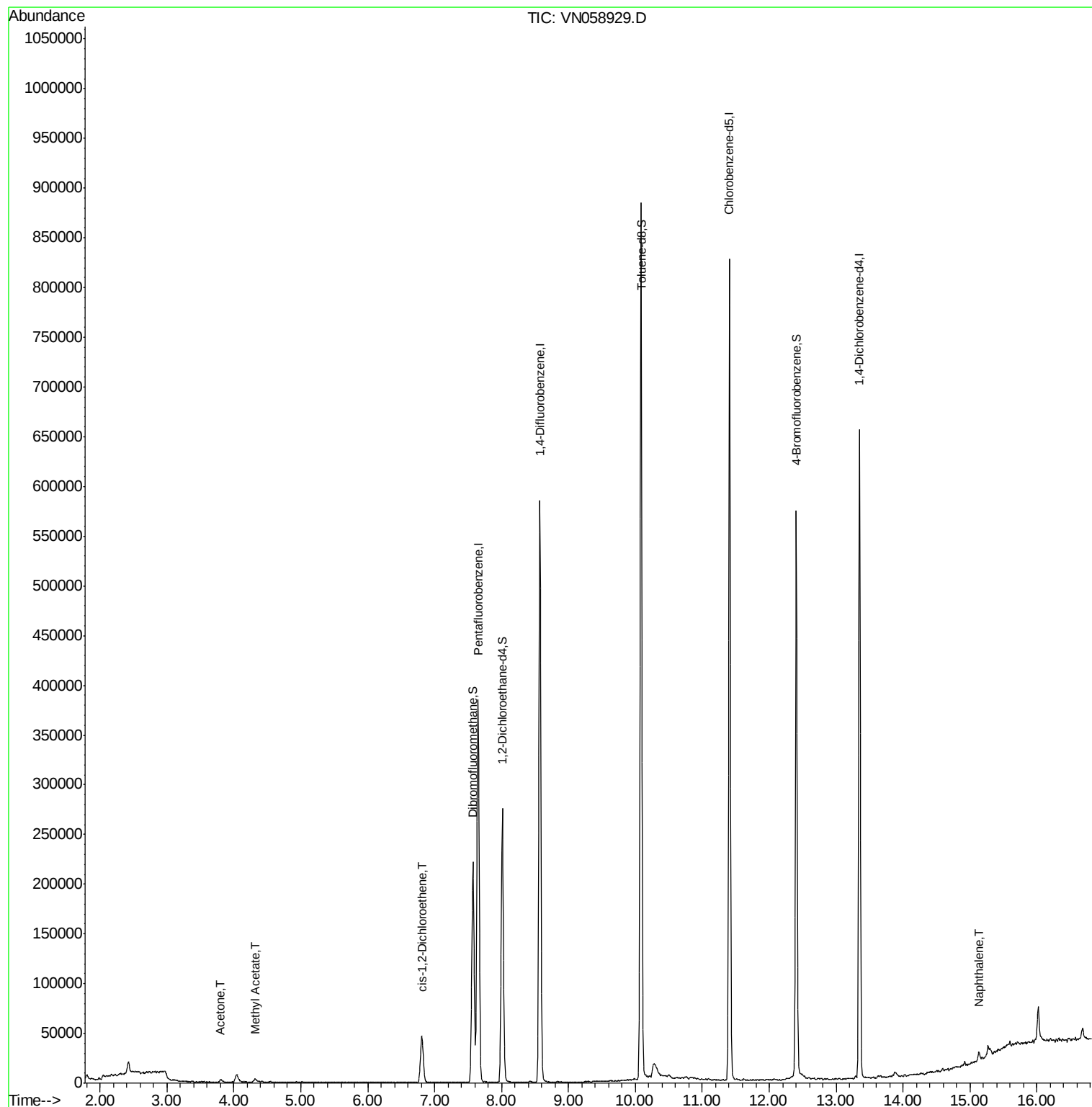
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	300100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	505089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	171954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	241001	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.57	113	169937	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.09	98	605358	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	12.40	95	195324	41.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.52%	
Target Compounds						
16) Acetone	3.80	43	4041	1.858	ug/l	99
18) Methyl Acetate	4.31	43	5550	1.122	ug/l #	90
27) cis-1,2-Dichloroethene	6.81	96	29182	7.819	ug/l	88
95) Naphthalene	15.14	128	5805	2.789	ug/l #	96

(#) = 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# 1828

Delta R.T. 0.00 min

Lab File: VN058929.D

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ClientSampleId :

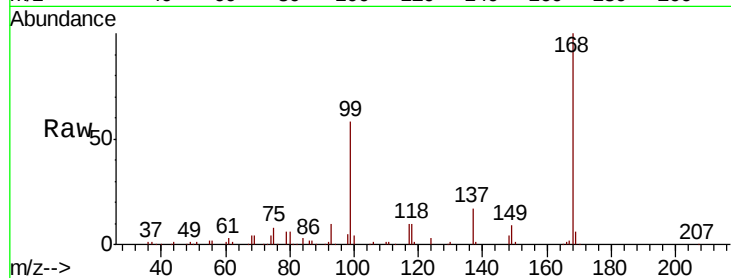
KY038PS038-191021

Tot Ion:168 Resp: 300100

Ion Ratio Lower Upper

168 100

99 57.9 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

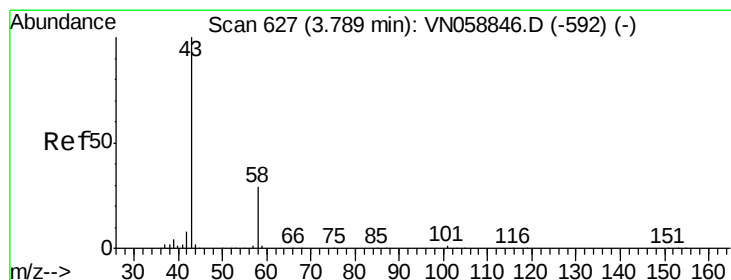
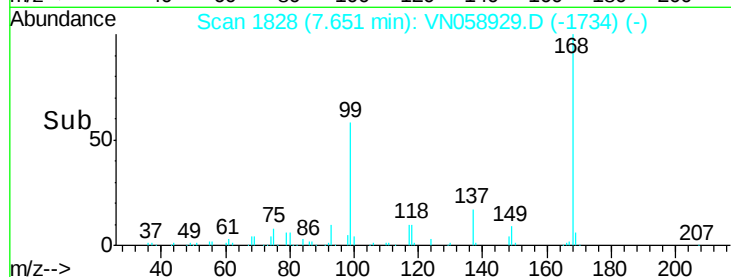
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.858 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058929.D

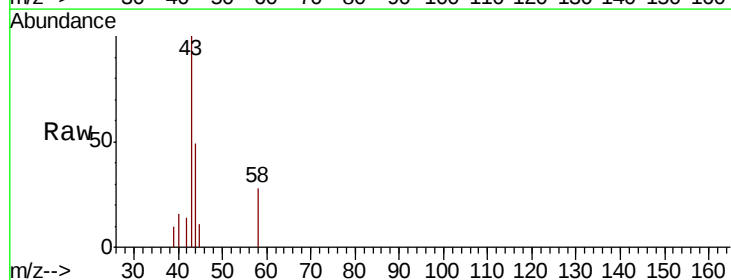
Acq: 23 Oct 2019 15:02

Tgt Ion: 43 Resp: 4041

Ion Ratio Lower Upper

43 100

58 28.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

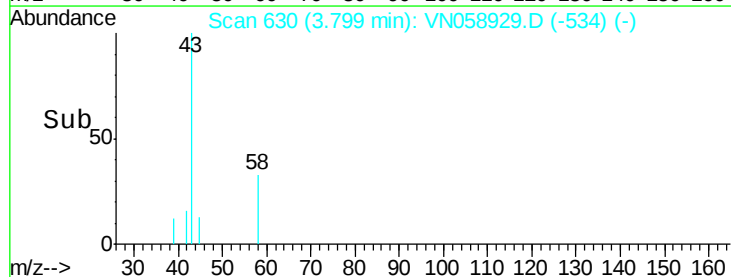
1500

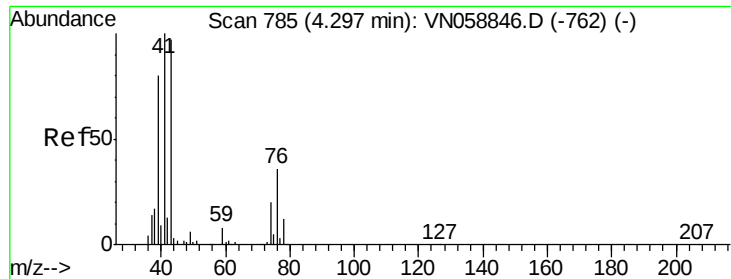
1000

500

0

Time-->

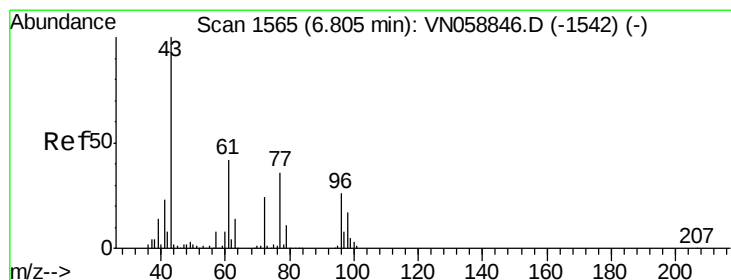
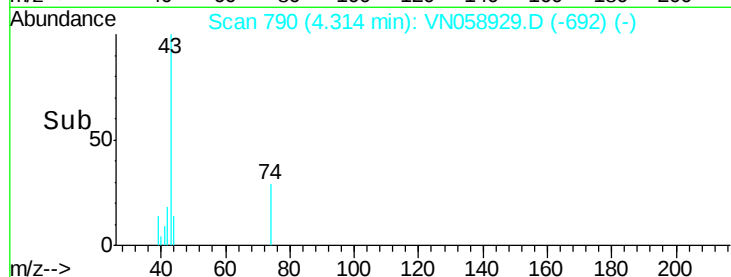
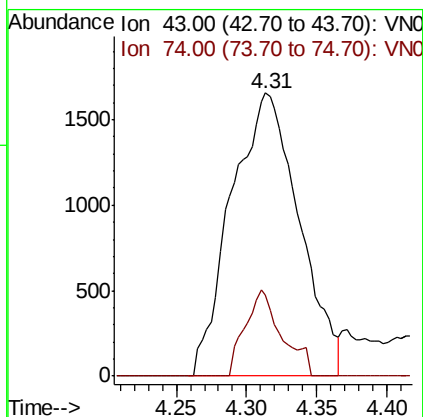
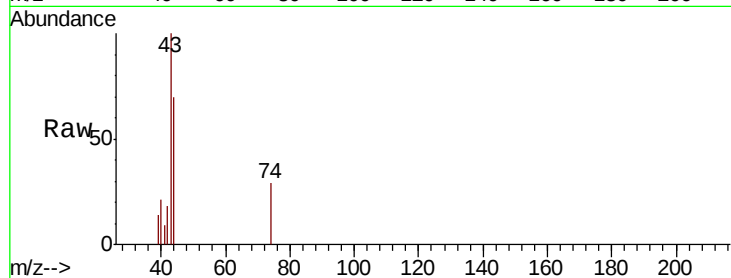




#18
Methyl Acetate
Concen: 1.122 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN058929.D
Acq: 23 Oct 2019 15:02

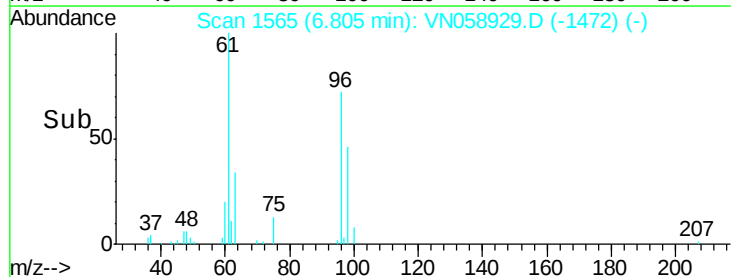
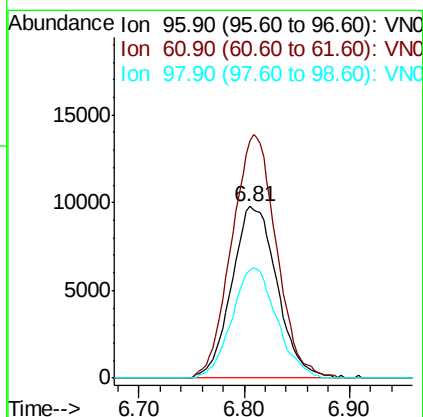
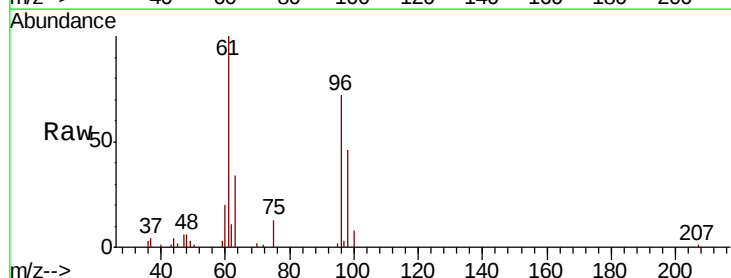
Instrument :
MSVOA_N
ClientSampleId :
KY038PS038-191021

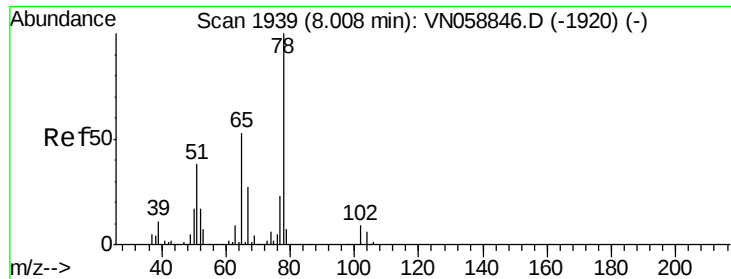
Tot Ion: 43 Resp: 5550
Ion Ratio Lower Upper
43 100
74 16.5 17.1 25.7#



#27
cis-1,2-Dichloroethene
Concen: 7.819 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN058929.D
Acq: 23 Oct 2019 15:02

Tgt Ion: 96 Resp: 29182
Ion Ratio Lower Upper
96 100
61 139.9 0.0 325.0
98 63.5 0.0 128.0

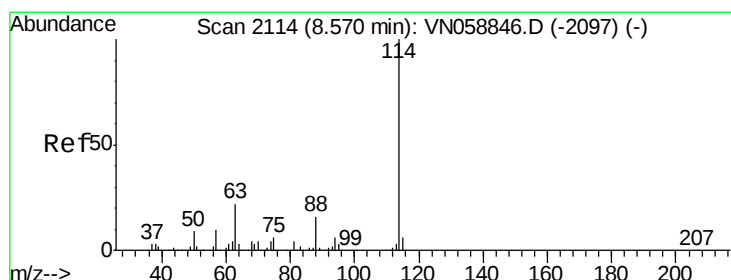
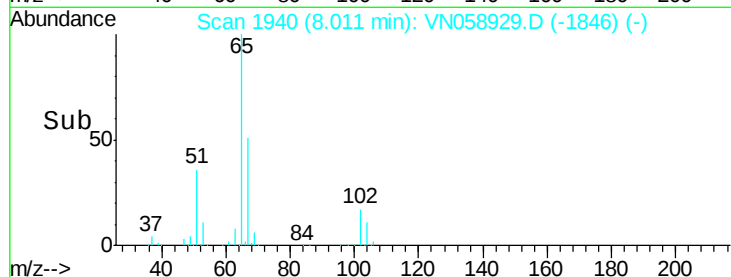
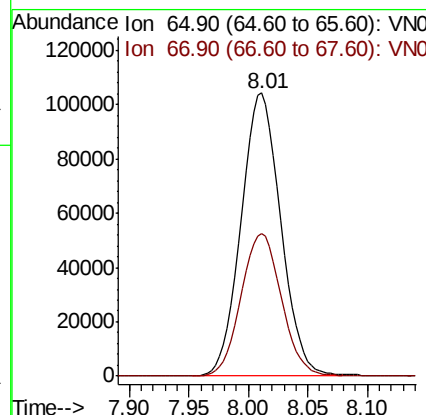
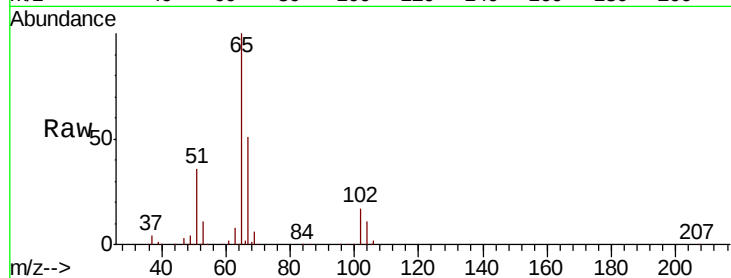




#33
 1,2-Dichloroethane-d4
 Concen: 54.755 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058929.D
 Acq: 23 Oct 2019 15:02

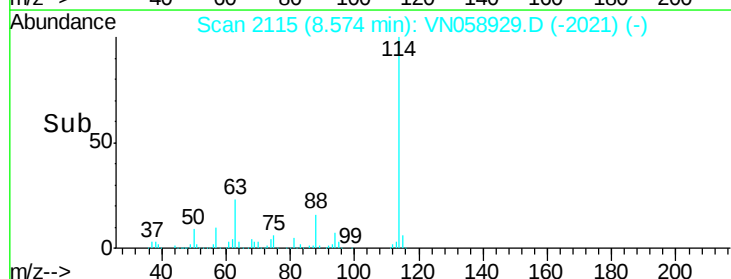
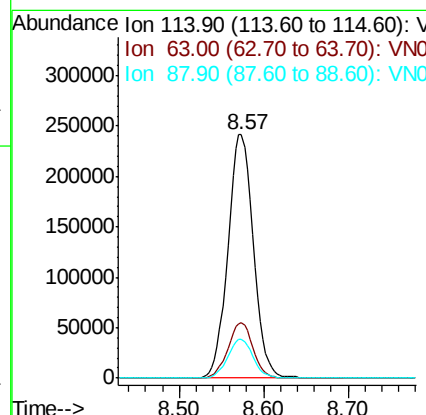
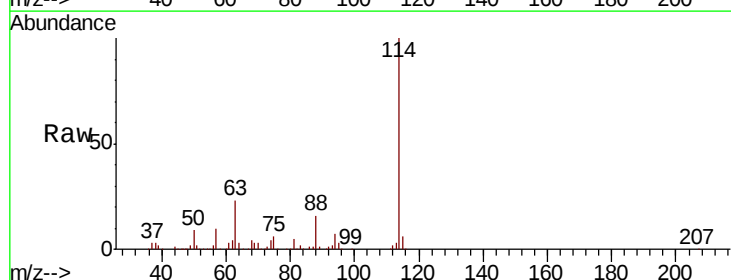
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-191021

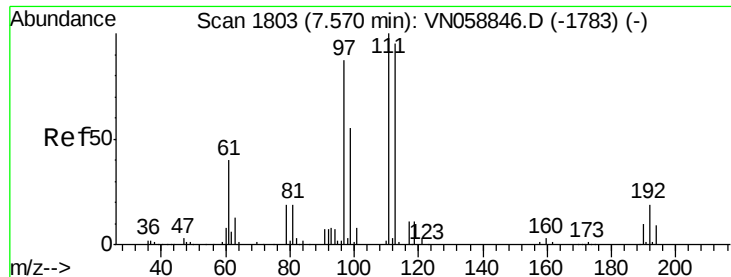
Tot Ion: 65 Resp: 241001
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058929.D
 Acq: 23 Oct 2019 15:02

Tgt Ion: 114 Resp: 505089
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.4
 88 15.7 0.0 31.4

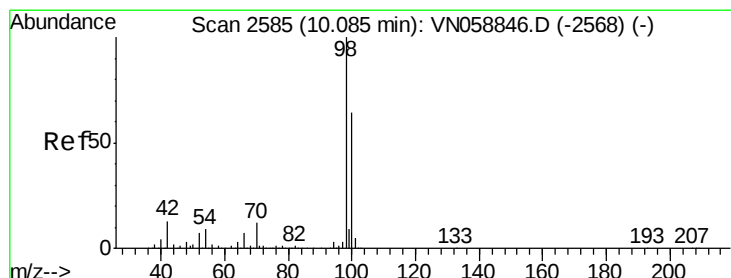
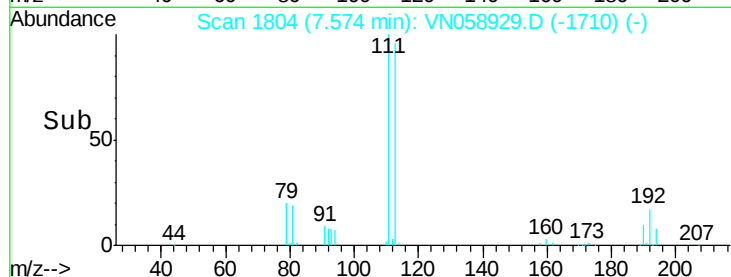
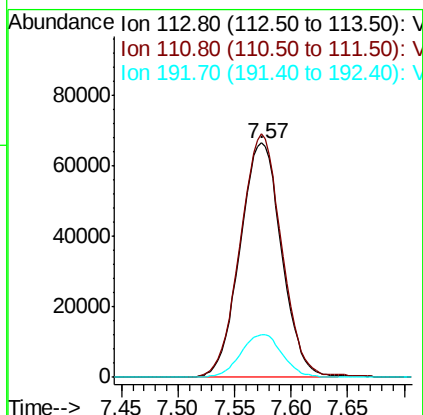
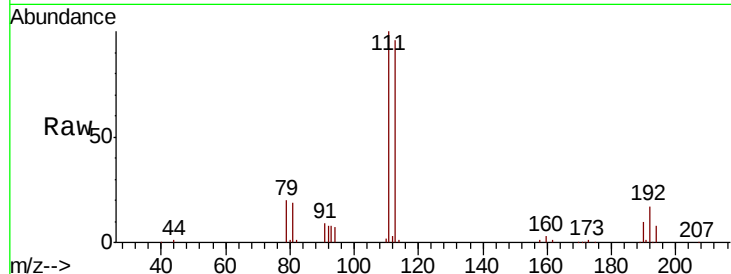




#35
Dibromofluoromethane
Concen: 51.173 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058929.D
Acq: 23 Oct 2019 15:02

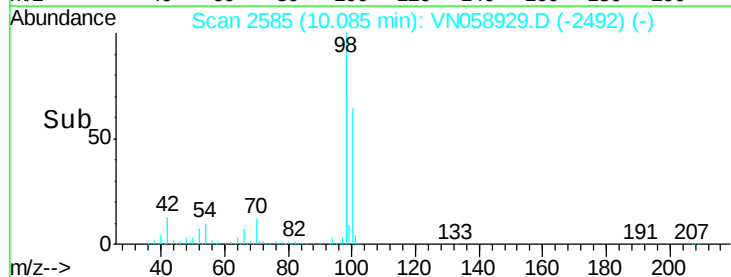
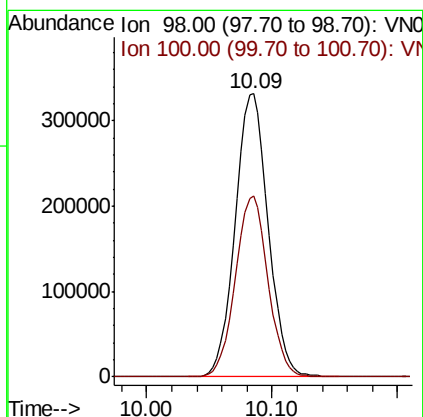
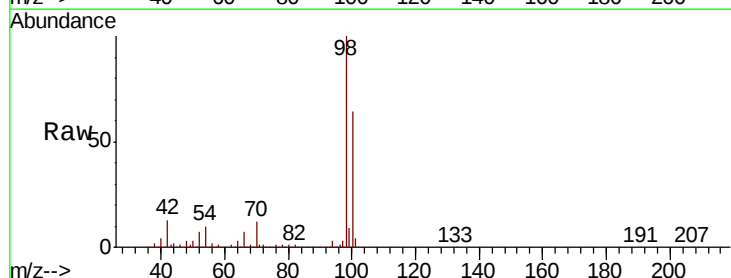
Instrument :
MSVOA_N
ClientSampleId :
KY038PS038-191021

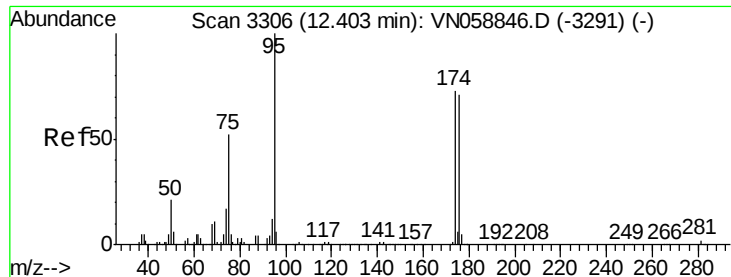
Tot Ion:113 Resp: 169937
Ion Ratio Lower Upper
113 100
111 103.6 82.0 123.0
192 18.4 15.0 22.6



#50
Toluene-d8
Concen: 46.960 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058929.D
Acq: 23 Oct 2019 15:02

Tgt Ion: 98 Resp: 605358
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 41.261 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058929.D

Acq: 23 Oct 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-191021

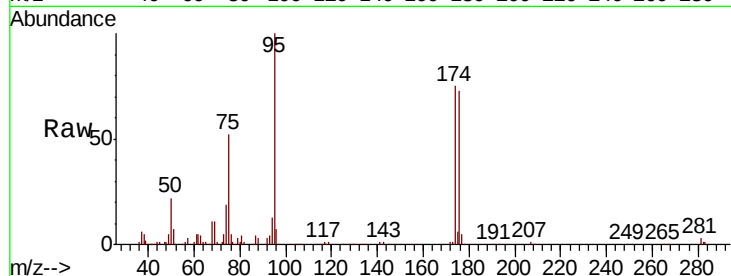
Tot Ion: 95 Resp: 195324

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

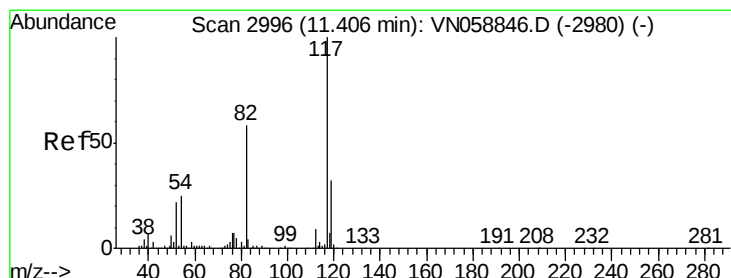
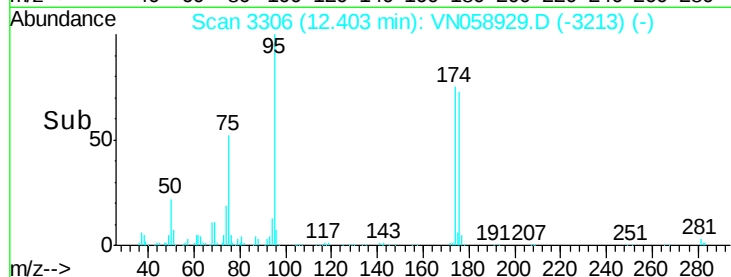
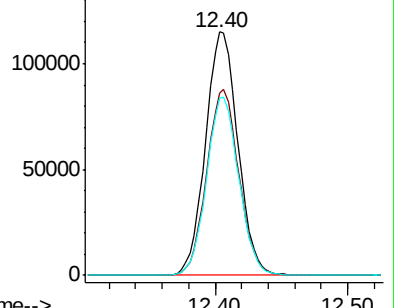
176 72.9 0.0 143.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058929.D

Acq: 23 Oct 2019 15:02

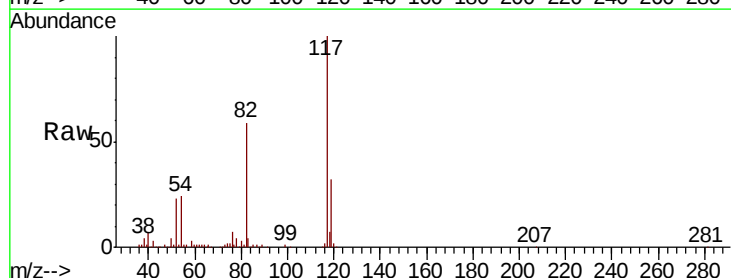
Tgt Ion: 117 Resp: 448685

Ion Ratio Lower Upper

117 100

82 59.3 46.6 69.8

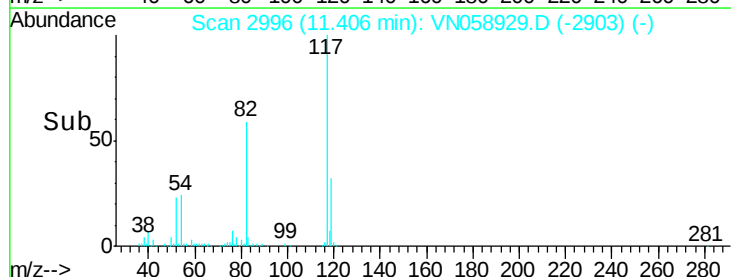
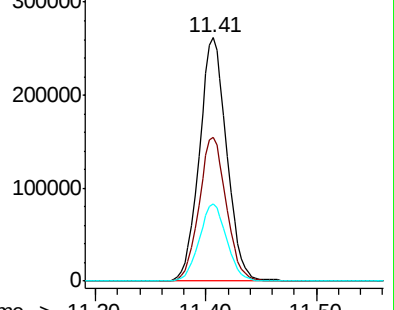
119 31.5 25.6 38.4

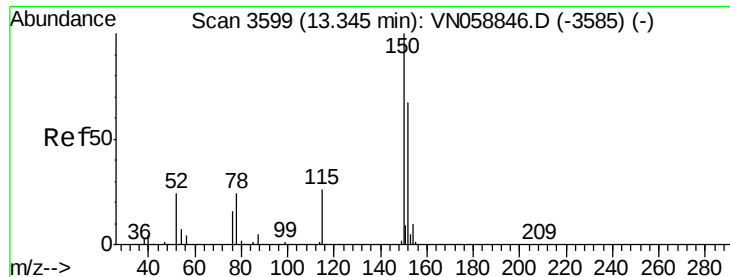


Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058929.D

Acq: 23 Oct 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-191021

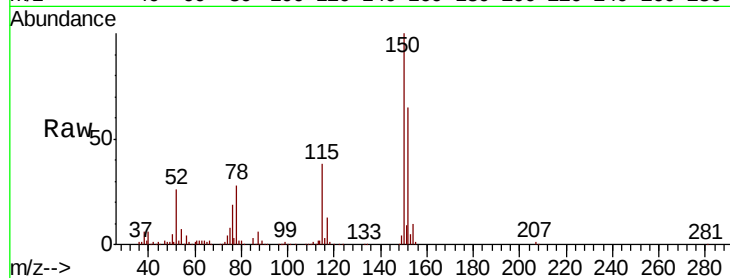
Tot Ion:152 Resp: 171954

Ion Ratio Lower Upper

152 100

115 59.1 30.5 91.5

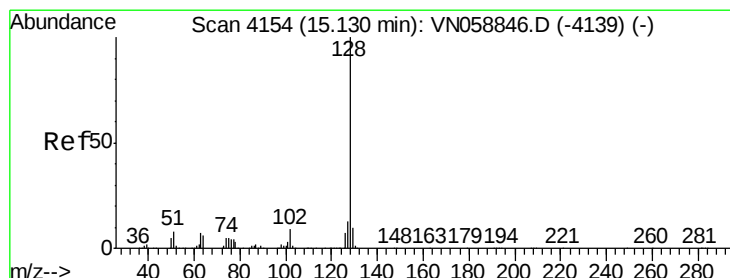
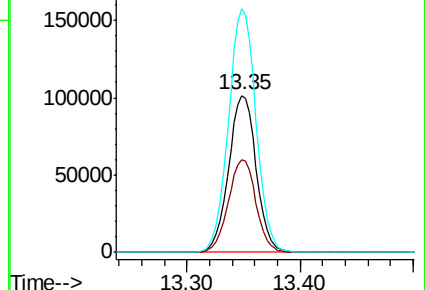
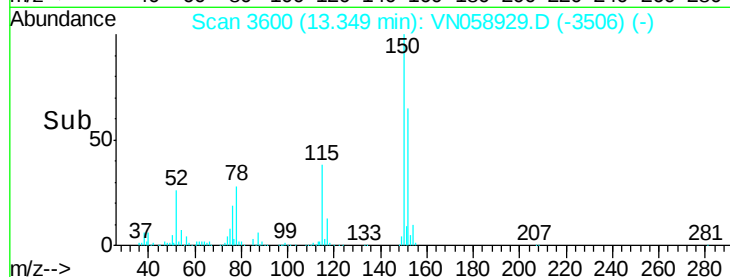
150 154.9 0.0 344.4



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



#95

Naphthalene

Concen: 2.789 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN058929.D

Acq: 23 Oct 2019 15:02

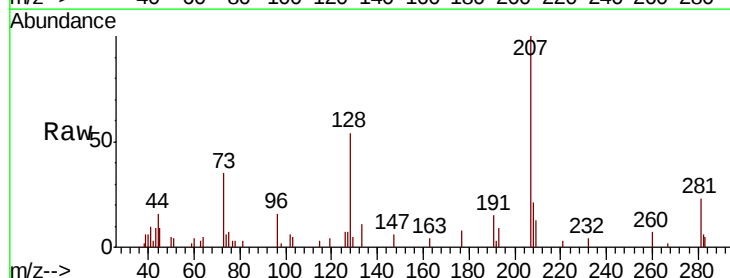
Tgt Ion:128 Resp: 5805

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 7.8 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

