

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121219\
 Data File : VN059573.D
 Acq On : 12 Dec 2019 14:49
 Operator : JC/SP
 Sample : K5664-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 02-03-08-09-10-11-12-COMP

Quant Time: Dec 13 05:07:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

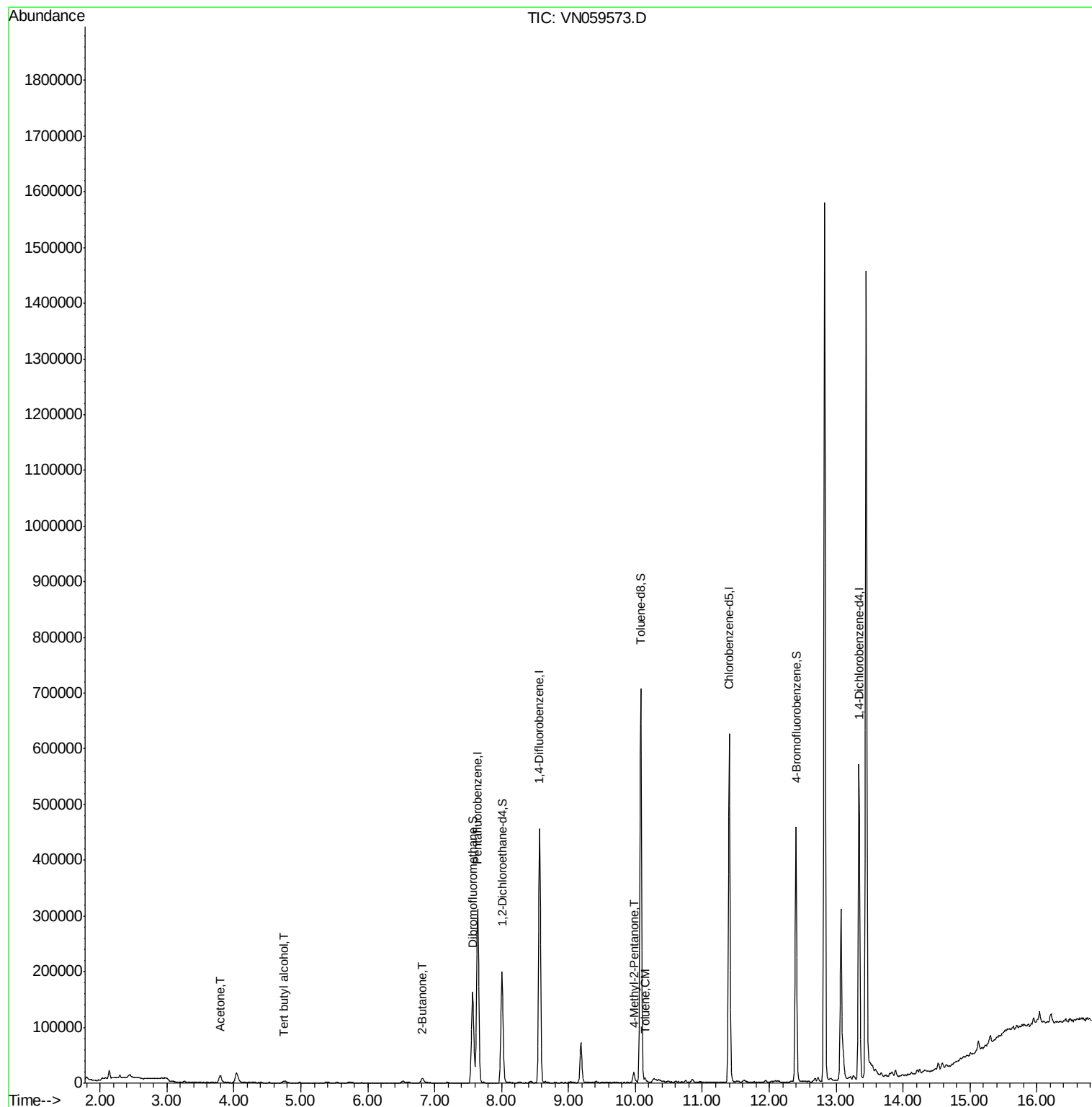
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	245314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	389712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	345282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	175378	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
35) Dibromofluoromethane	7.57	113	123648	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.08	98	482167	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	156333	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
11) Tert butyl alcohol	4.76	59	6635	11.698	ug/l #	78
16) Acetone	3.80	43	23135	14.445	ug/l	96
25) 2-Butanone	6.81	43	15943	7.395	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	13348	2.240	ug/l	96
52) Toluene	10.15	92	2935	0.431	ug/l	97

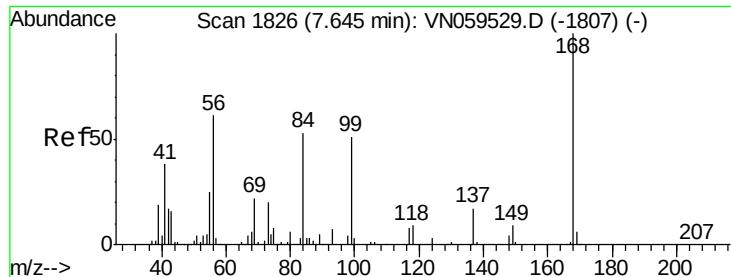
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121219\
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02-03-08-09-10-11-12-COMP

Quant Time: Dec 13 05:07:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059573.D

Acq: 12 Dec 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

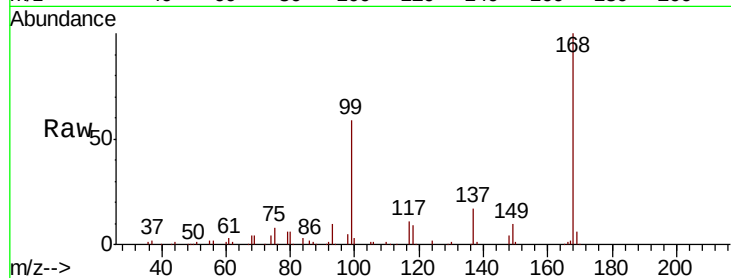
02-03-08-09-10-11-12-COMP

Tot Ion:168 Resp: 245314

Ion Ratio Lower Upper

168 100

99 58.6 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

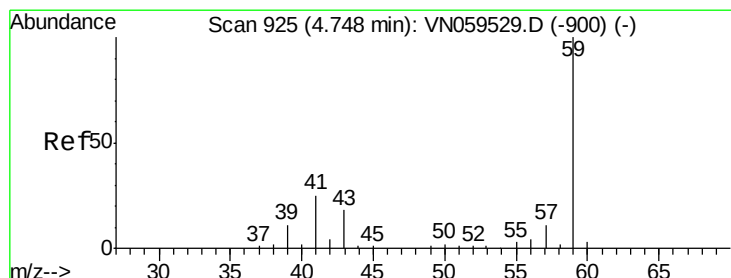
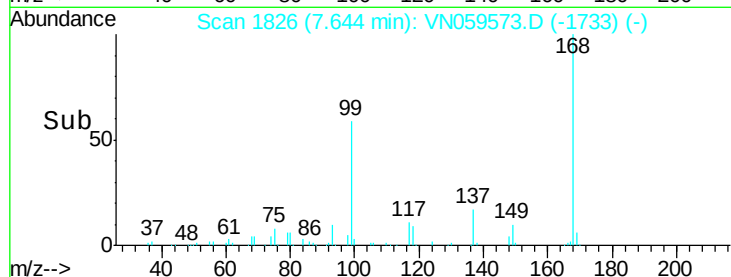
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.698 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.01 min

Lab File: VN059573.D

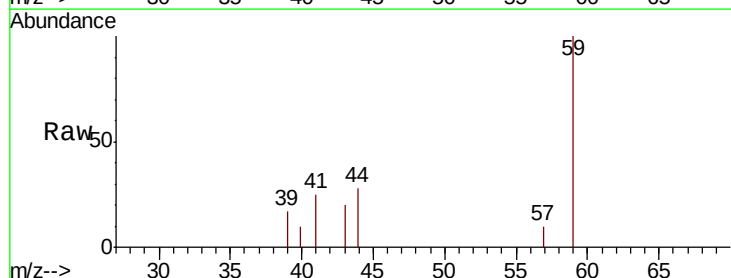
Acq: 12 Dec 2019 14:49

Tgt Ion: 59 Resp: 6635

Ion Ratio Lower Upper

59 100

57 2.4 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

2000

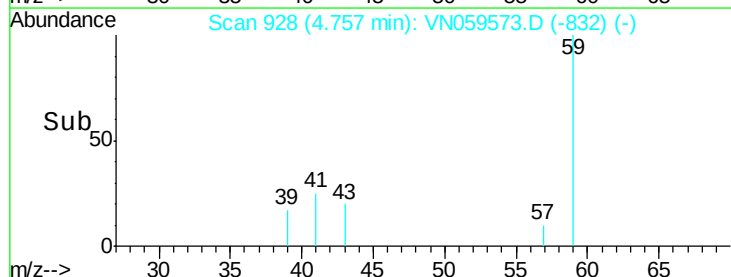
1500

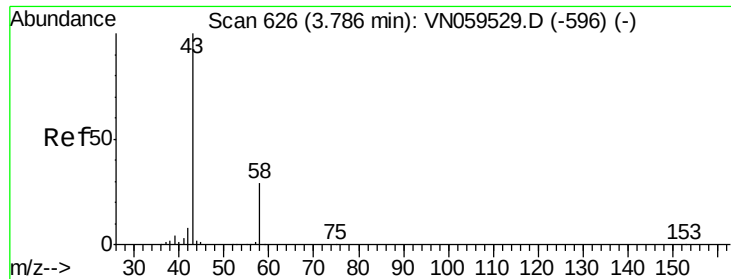
1000

500

0

Time-->





#16

Acetone

Concen: 14.445 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059573.D

Acq: 12 Dec 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

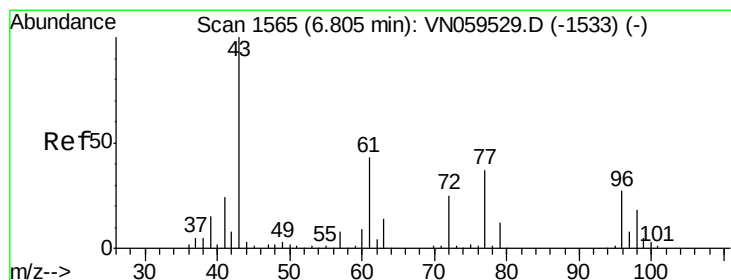
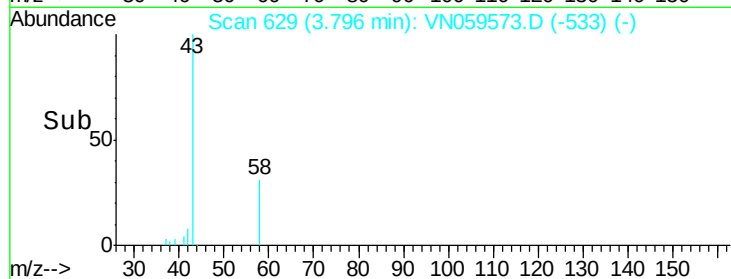
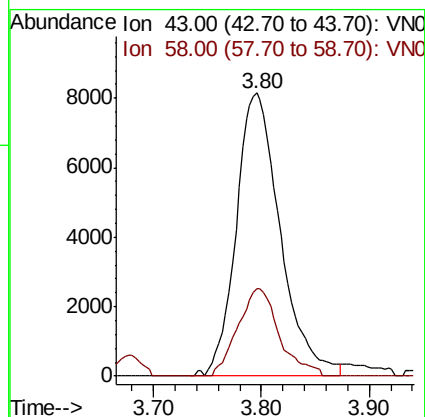
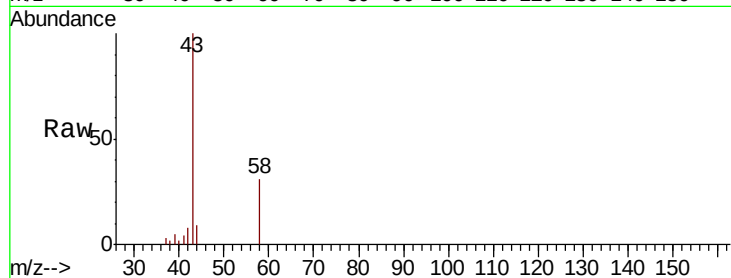
02-03-08-09-10-11-12-COMP

Tot Ion: 43 Resp: 23135

Ion Ratio Lower Upper

43 100

58 31.0 23.0 34.4



#25

2-Butanone

Concen: 7.395 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN059573.D

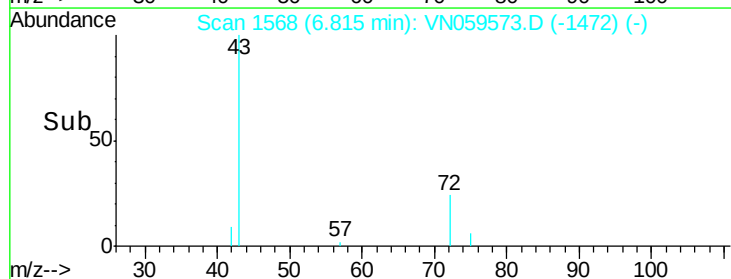
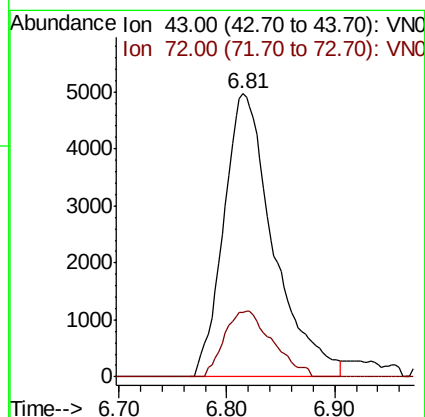
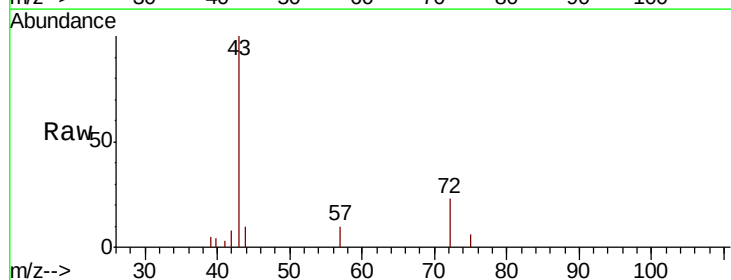
Acq: 12 Dec 2019 14:49

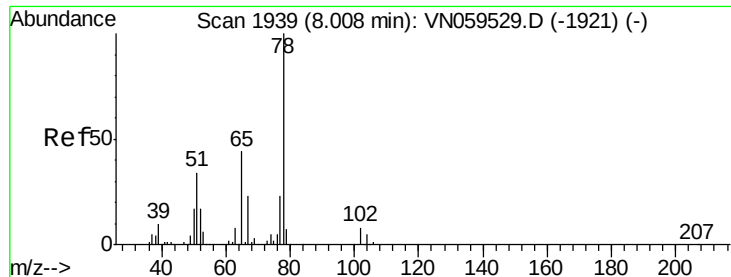
Tgt Ion: 43 Resp: 15943

Ion Ratio Lower Upper

43 100

72 22.9 19.9 29.9

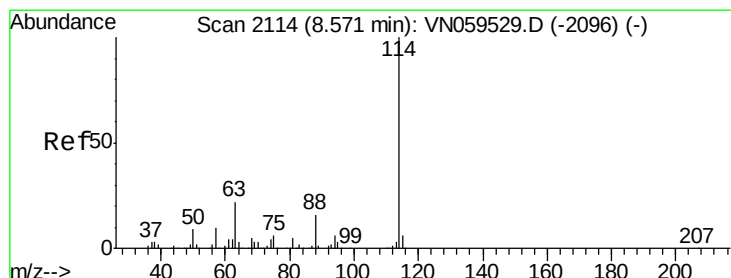
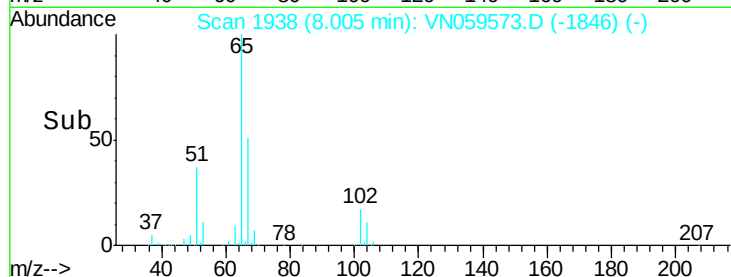
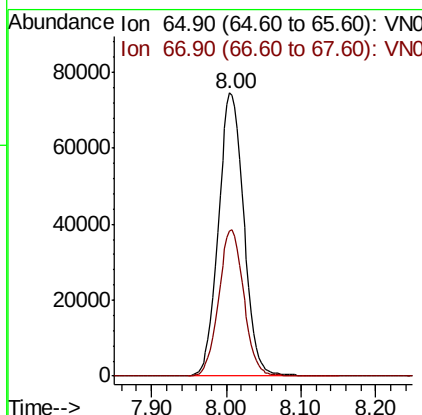
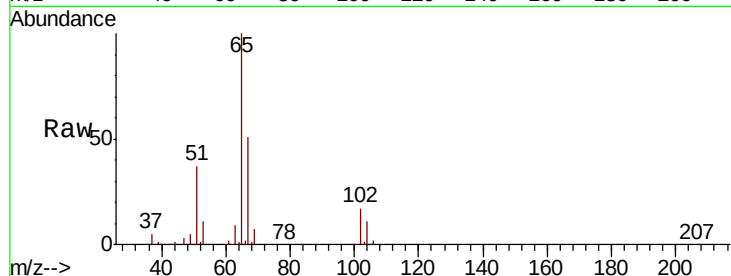




#33
 1,2-Dichloroethane-d4
 Concen: 51.152 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059573.D
 Acq: 12 Dec 2019 14:49

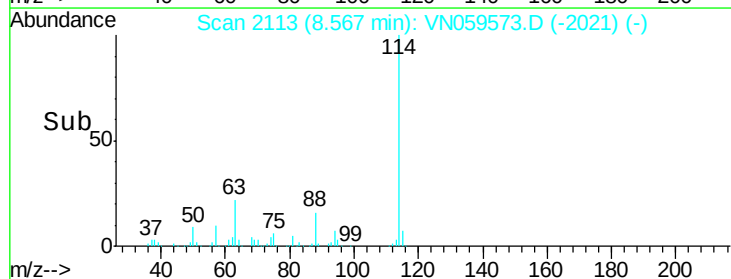
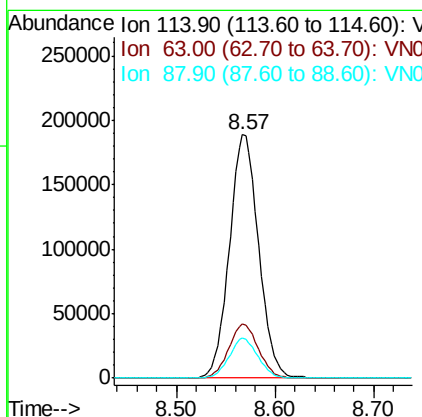
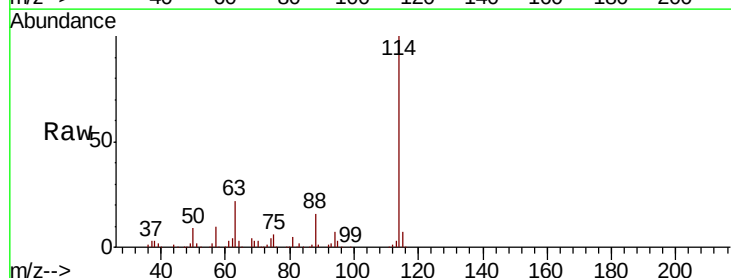
Instrument :
 MSVOA_N
 ClientSampleId :
 02-03-08-09-10-11-12-COMP

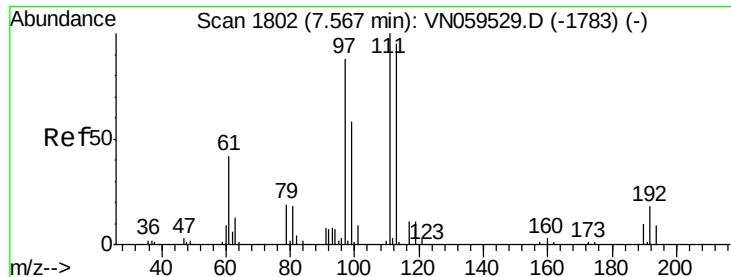
Tot Ion: 65 Resp: 175378
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059573.D
 Acq: 12 Dec 2019 14:49

Tgt Ion: 114 Resp: 389712
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 16.4 0.0 32.2

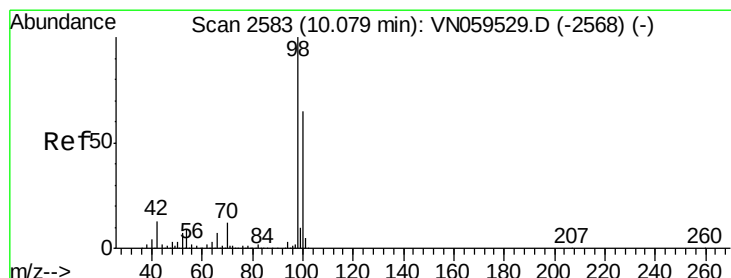
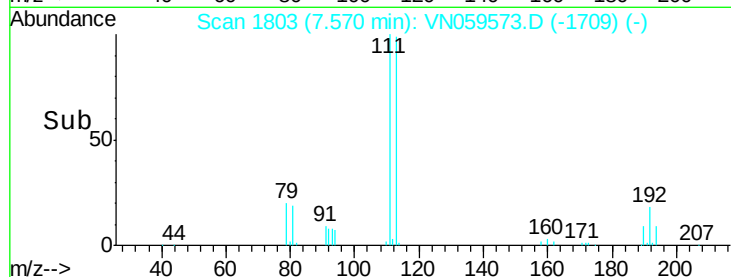
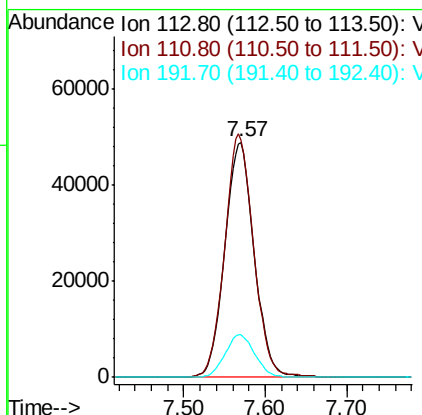
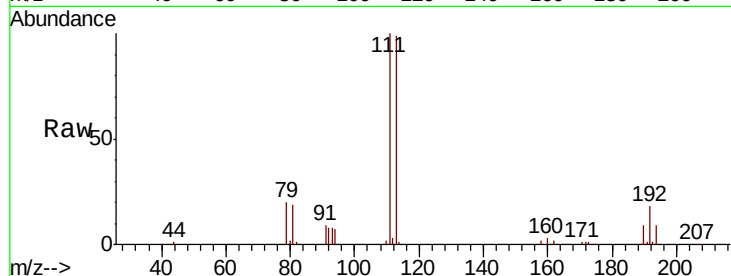




#35
 Dibromofluoromethane
 Concen: 53.169 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059573.D
 Acq: 12 Dec 2019 14:49

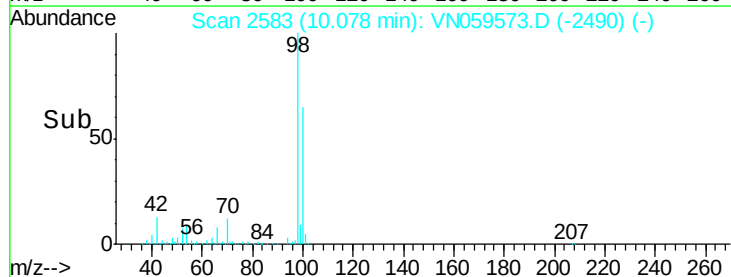
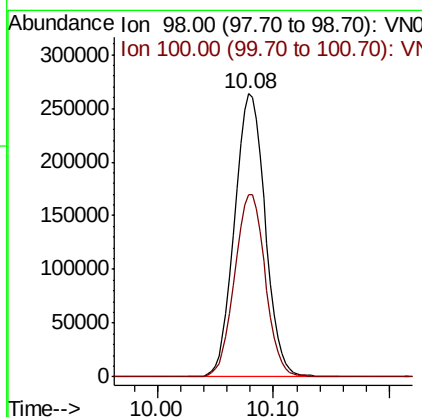
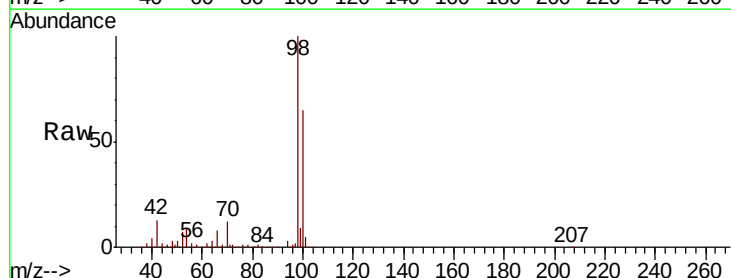
Instrument :
 MSVOA_N
 ClientSampleId :
 02-03-08-09-10-11-12-COMP

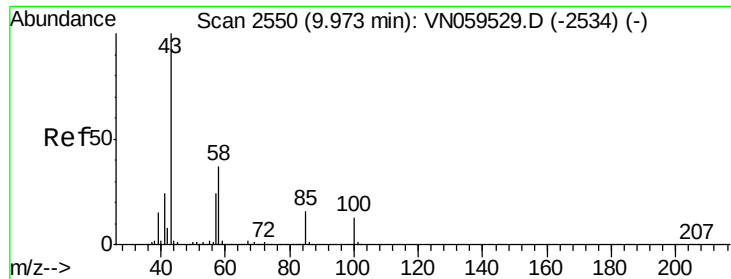
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	18.4	14.8	22.2



#50
 Toluene-d8
 Concen: 50.785 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059573.D
 Acq: 12 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8

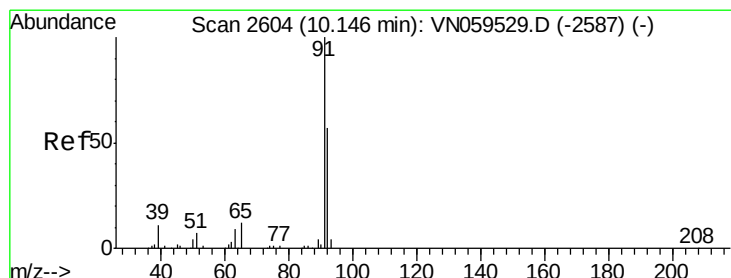
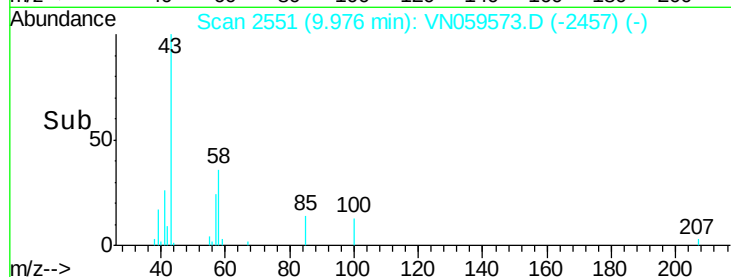
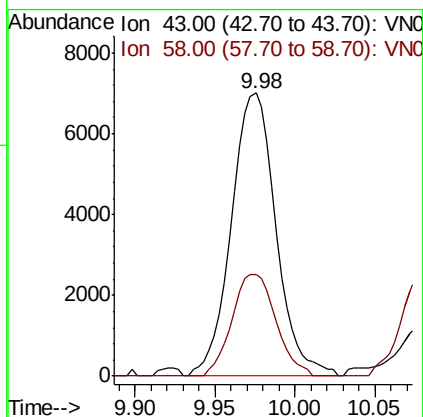
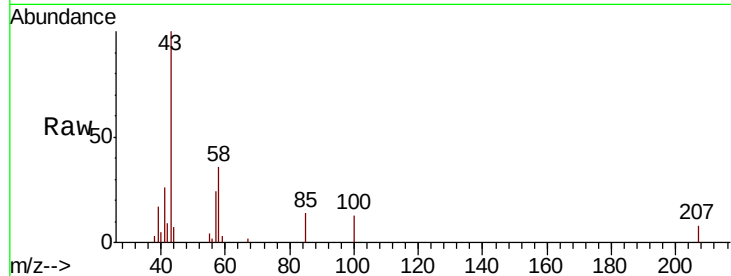




#51
4-Methyl-2-Pentanone
Concen: 2.240 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059573.D
Acq: 12 Dec 2019 14:49

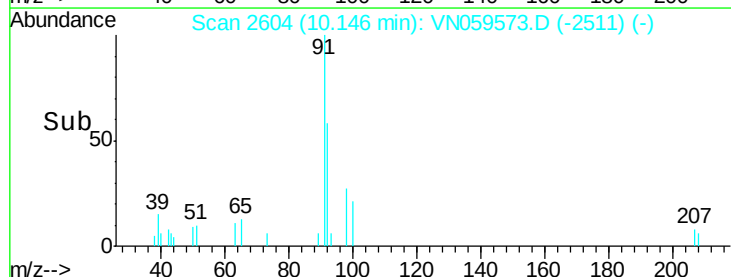
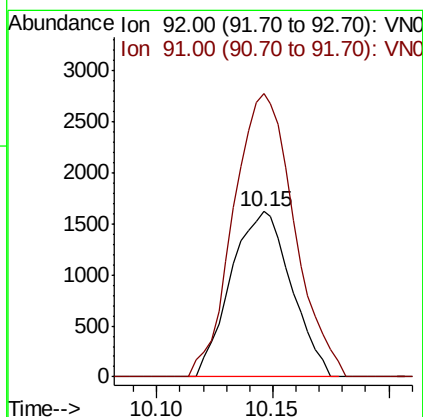
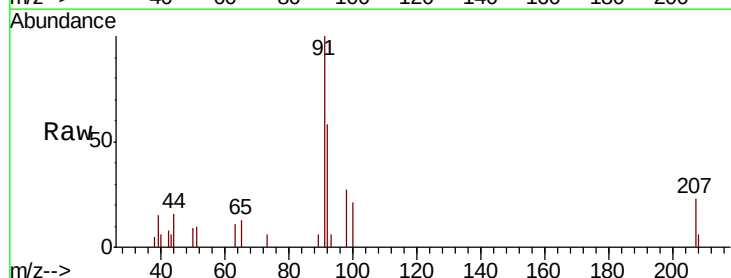
Instrument :
MSVOA_N
ClientSampleId :
02-03-08-09-10-11-12-COMP

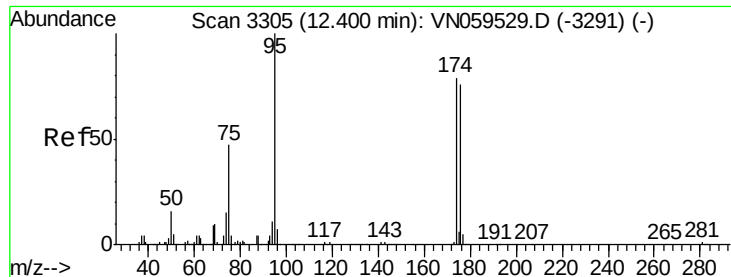
Tot Ion: 43 Resp: 13348
Ion Ratio Lower Upper
43 100
58 35.3 30.1 45.1



#52
Toluene
Concen: 0.431 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN059573.D
Acq: 12 Dec 2019 14:49

Tgt Ion: 92 Resp: 2935
Ion Ratio Lower Upper
92 100
91 172.3 140.7 211.1





#62

4-Bromofluorobenzene

Concen: 44.483 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059573.D

Acq: 12 Dec 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

02-03-08-09-10-11-12-COMP

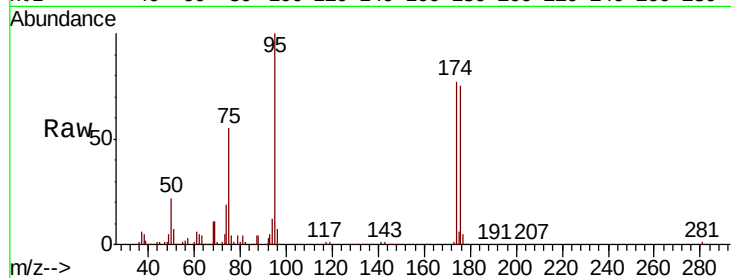
Tot Ion: 95 Resp: 156333

Ion Ratio Lower Upper

95 100

174 77.0 0.0 158.0

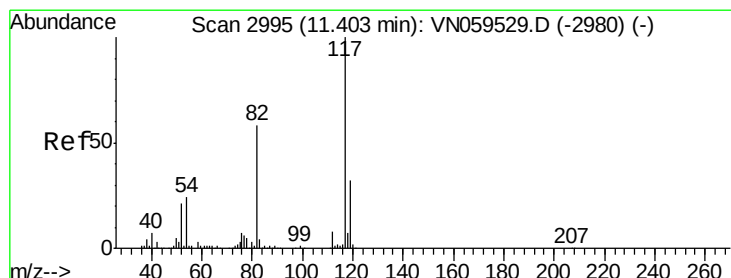
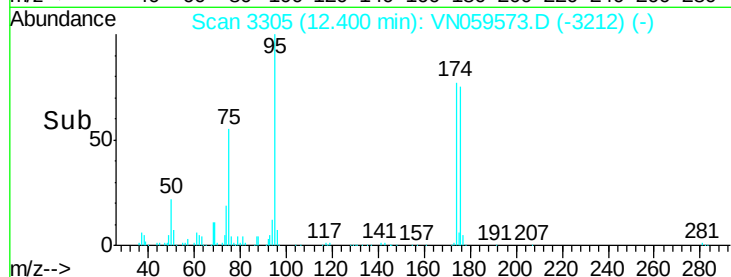
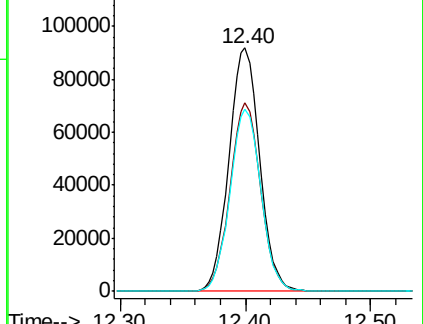
176 75.2 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VN059529.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059529.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059529.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059573.D

Acq: 12 Dec 2019 14:49

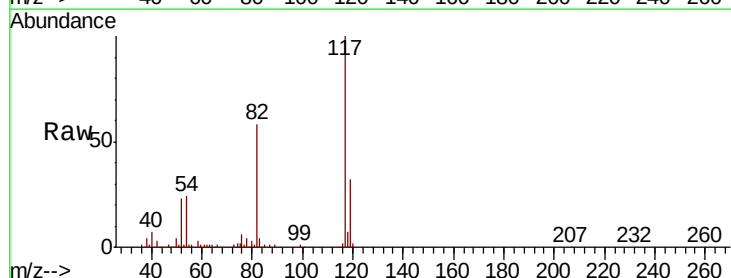
Tgt Ion: 117 Resp: 345282

Ion Ratio Lower Upper

117 100

82 58.1 46.5 69.7

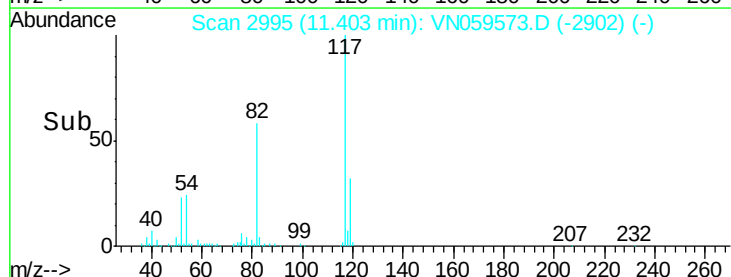
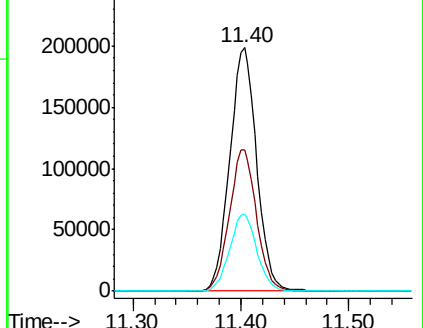
119 31.7 25.2 37.8

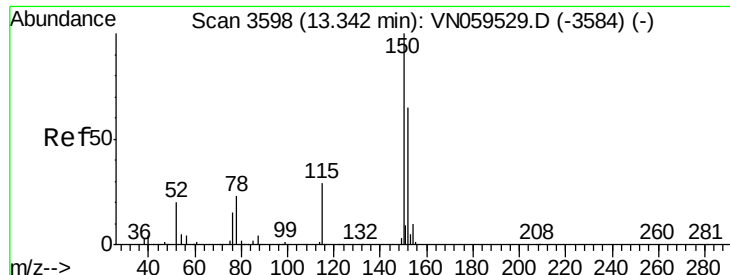


Abundance Ion 116.90 (116.60 to 117.60): VN059529.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059529.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059529.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059573.D

Acq: 12 Dec 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

02-03-08-09-10-11-12-COMP

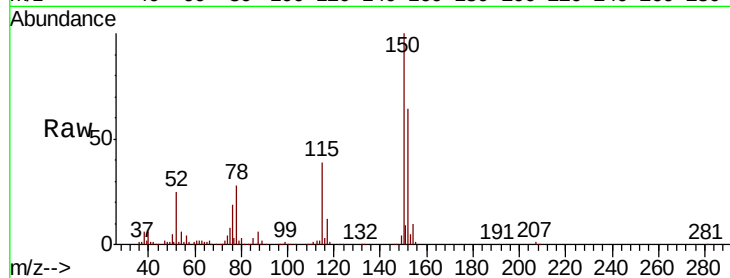
Tot Ion:152 Resp: 144316

Ion Ratio Lower Upper

152 100

115 61.1 29.4 88.2

150 156.9 0.0 342.4



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

