

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055960.D
 Acq On : 3 Jun 2019 14:40
 Operator : JC/SP
 Sample : K3125-16 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Jun 03 19:34:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

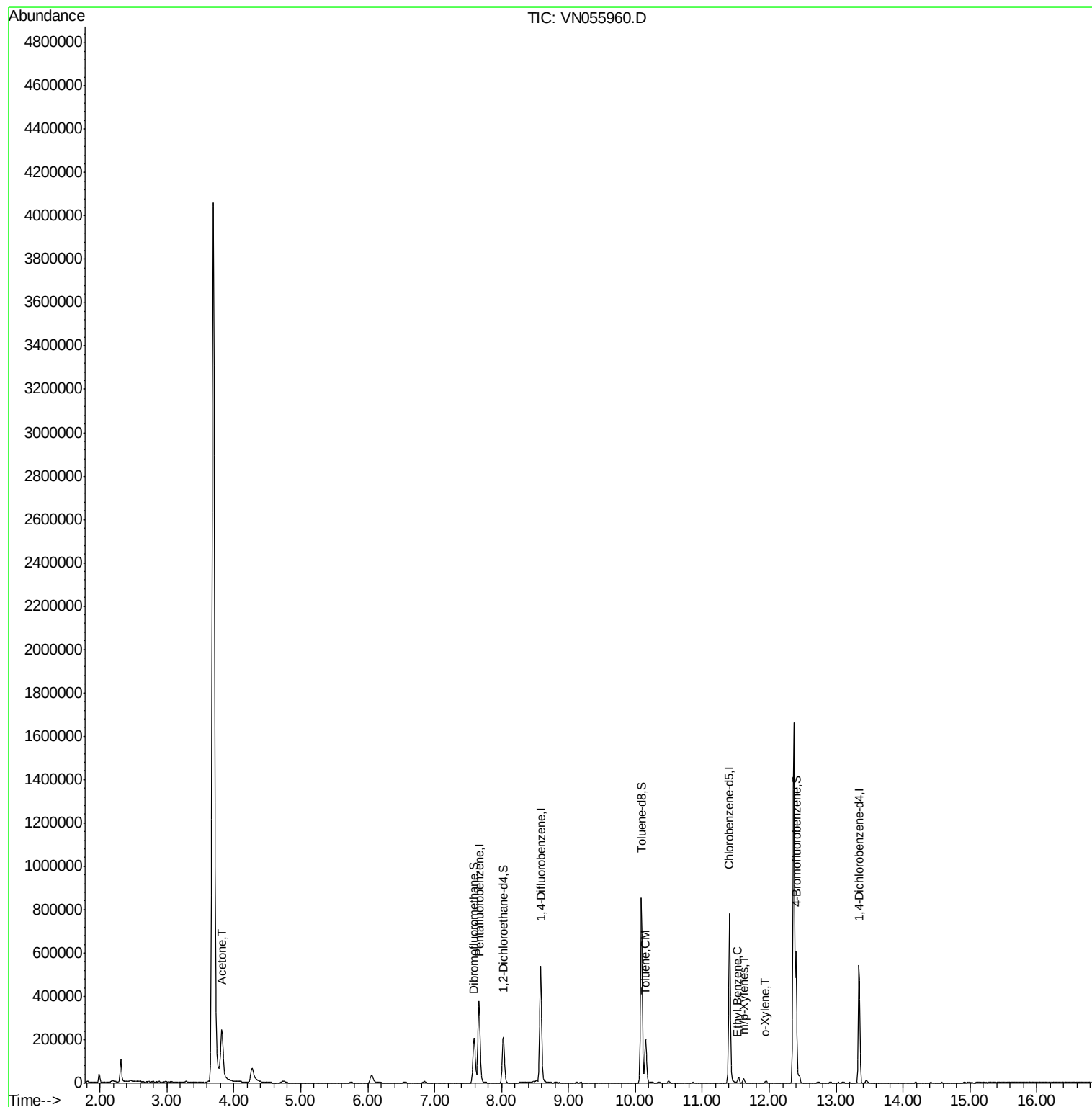
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	357257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	537323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	495545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	179047	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	158652	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	10.09	98	644561	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	210927	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
16) Acetone	3.82	43	357220	220.260	ug/l #	82
52) Toluene	10.16	92	90455	10.191	ug/l	100
67) Ethyl Benzene	11.51	91	3763	0.212	ug/l	92
68) m/p-Xylenes	11.62	106	6992	1.040	ug/l	98
69) o-Xylene	11.95	106	2870	0.430	ug/l	84

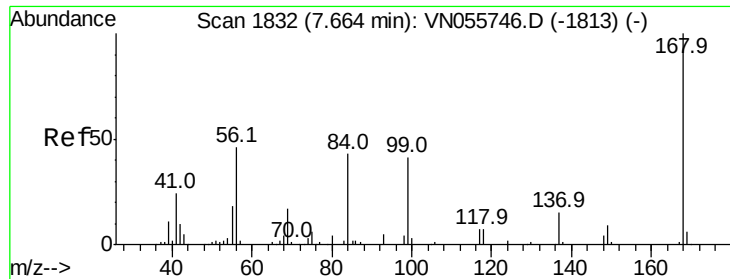
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
Data File : VN055960.D
Acq On : 3 Jun 2019 14:40
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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055960.D

Acq: 3 Jun 2019 14:40

Instrument :

MSVOA_N

ClientSampleId :

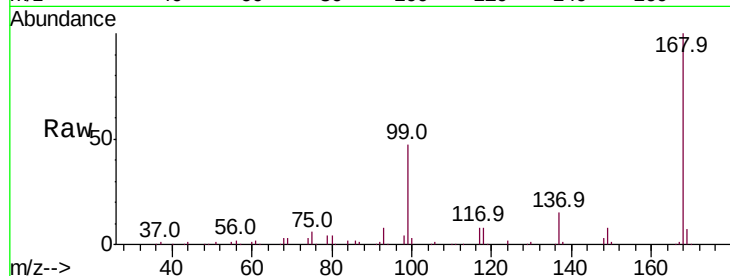
COMP-3

Tot Ion:168 Resp: 357257

Ion Ratio Lower Upper

168 100

99 47.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

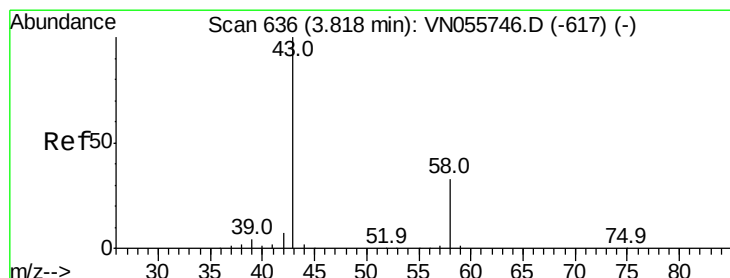
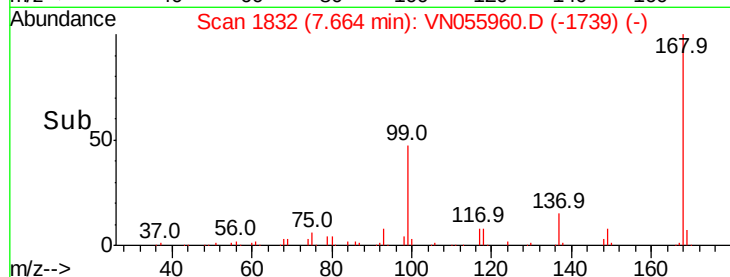
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 220.260 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055960.D

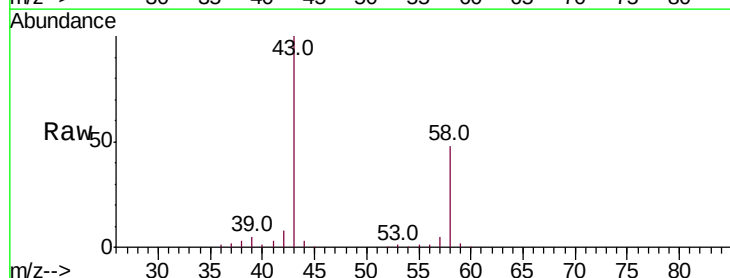
Acq: 3 Jun 2019 14:40

Tgt Ion: 43 Resp: 357220

Ion Ratio Lower Upper

43 100

58 43.2 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-617) (-)

3.82

2500000

2000000

1500000

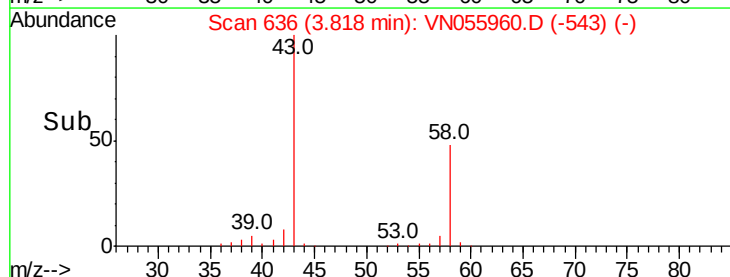
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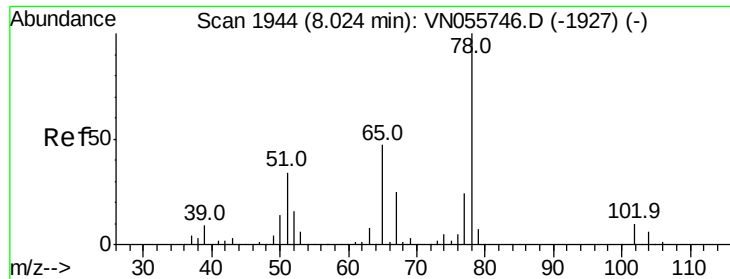
500000

0

3.70 3.80 3.90 4.00

Time-->

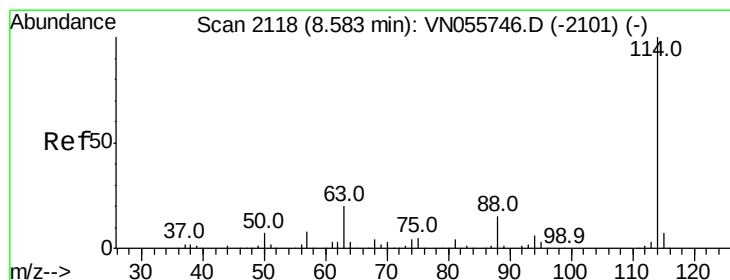
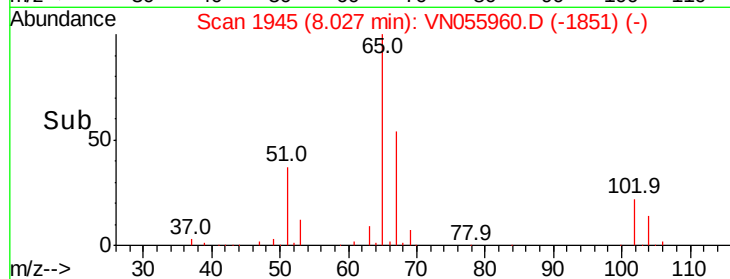
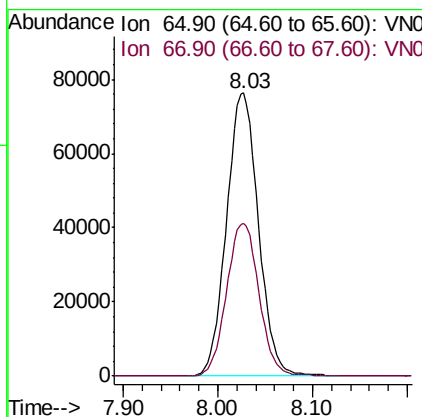
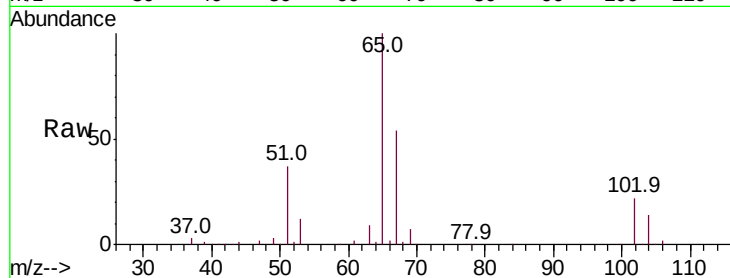




#33
 1,2-Dichloroethane-d4
 Concen: 48.529 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055960.D
 Acq: 3 Jun 2019 14:40

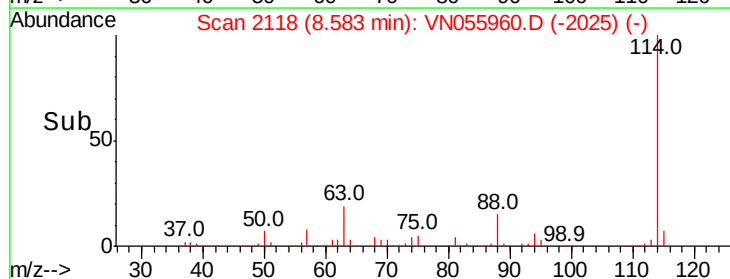
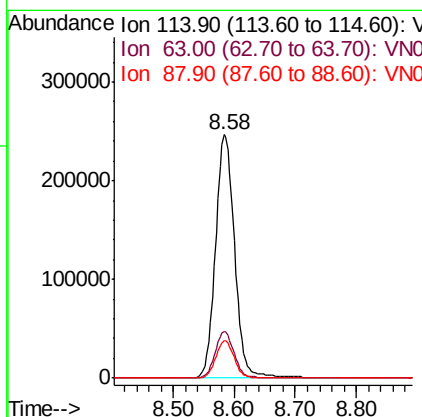
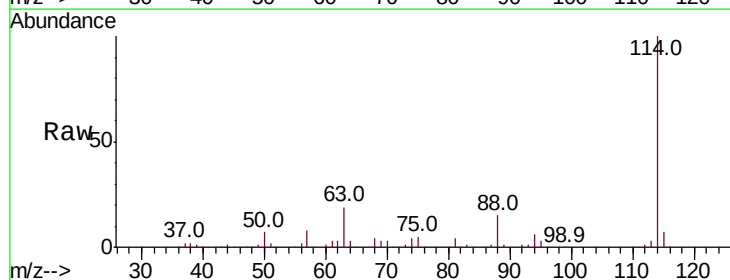
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

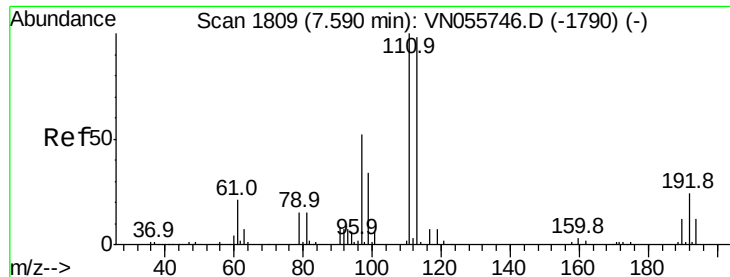
Tot Ion: 65 Resp: 179047
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055960.D
 Acq: 3 Jun 2019 14:40

Tgt Ion: 114 Resp: 537323
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 31.0

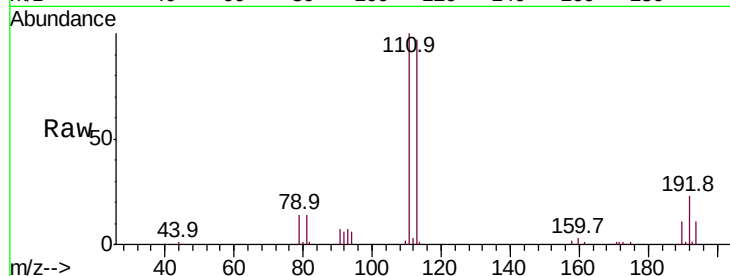




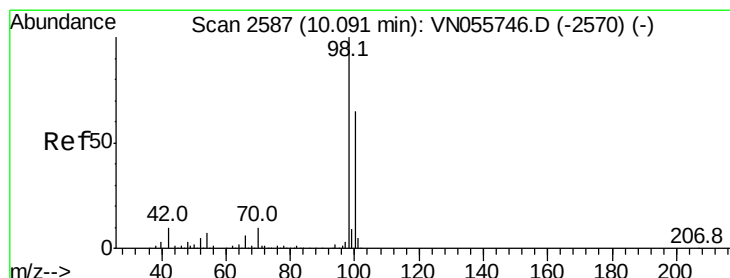
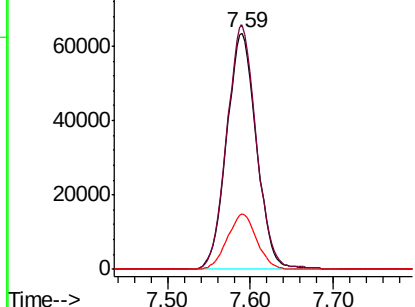
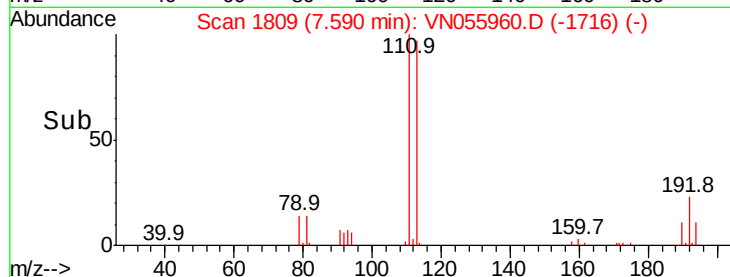
#35
 Dibromofluoromethane
 Concen: 46.702 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055960.D
 Acq: 3 Jun 2019 14:40

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

Tot Ion:113 Resp: 158652
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 23.1 19.5 29.3

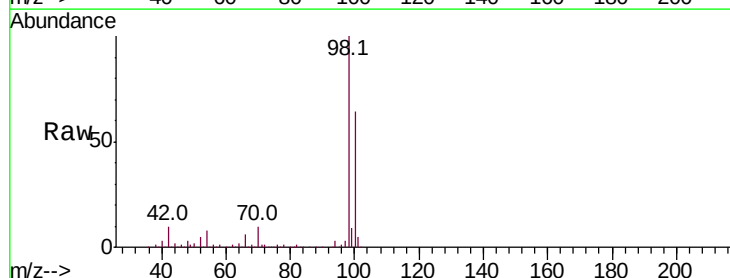


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

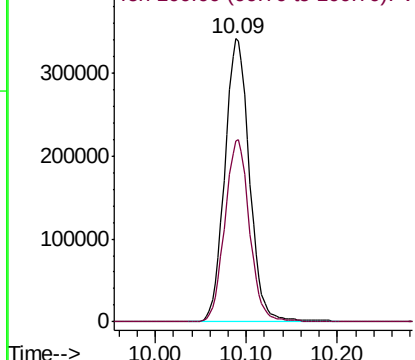
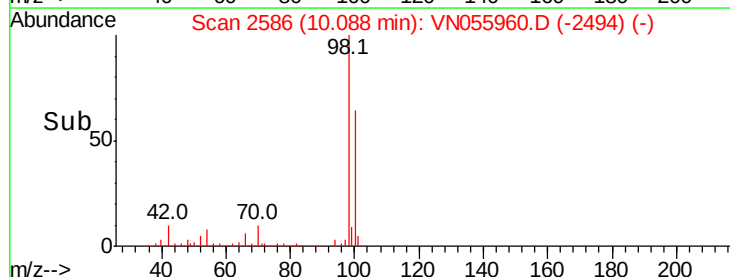


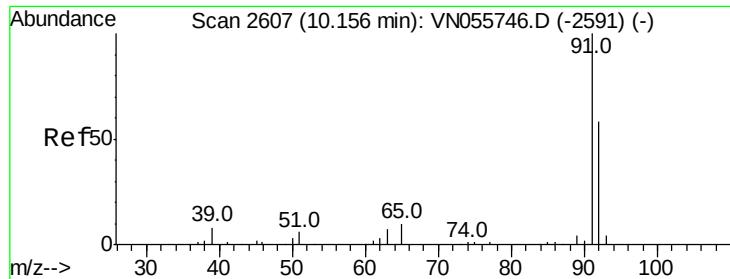
#50
 Toluene-d8
 Concen: 49.463 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055960.D
 Acq: 3 Jun 2019 14:40

Tgt Ion: 98 Resp: 644561
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 10.191 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055960.D

Acq: 3 Jun 2019 14:40

Instrument :

MSVOA_N

ClientSampleId :

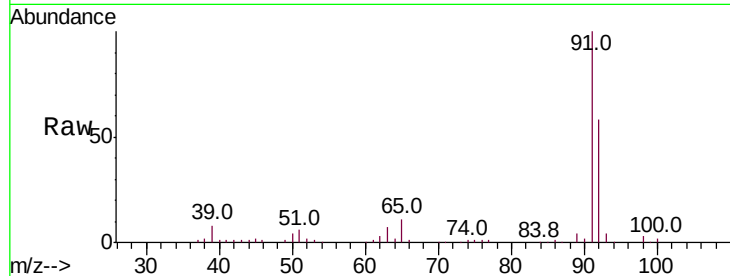
COMP-3

Tot Ion: 92 Resp: 90455

Ion Ratio Lower Upper

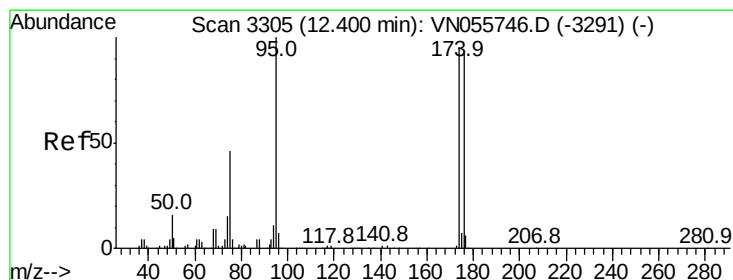
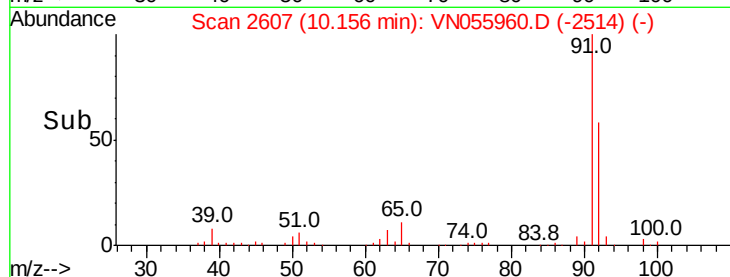
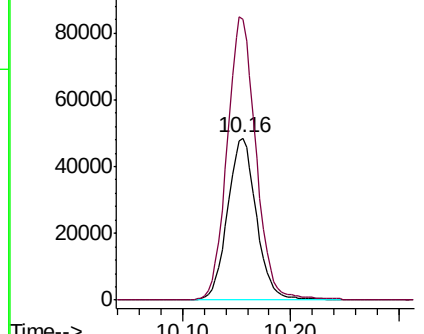
92 100

91 174.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055746.D (-2591) (-)



#62

4-Bromofluorobenzene

Concen: 47.206 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055960.D

Acq: 3 Jun 2019 14:40

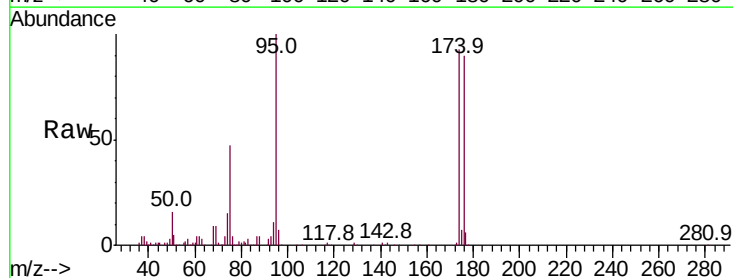
Tgt Ion: 95 Resp: 210927

Ion Ratio Lower Upper

95 100

174 92.9 0.0 191.0

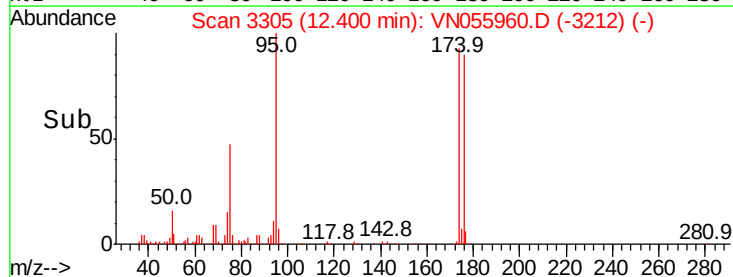
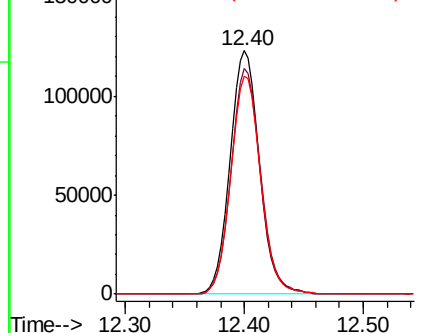
176 90.7 0.0 185.2

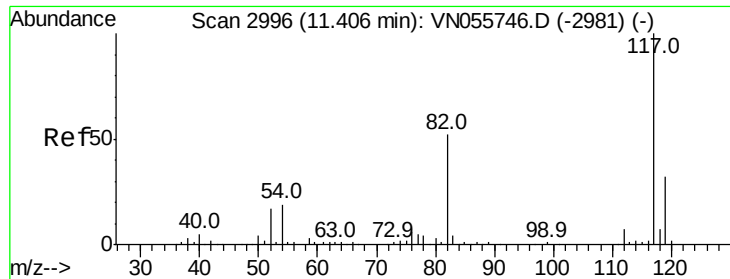


Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)

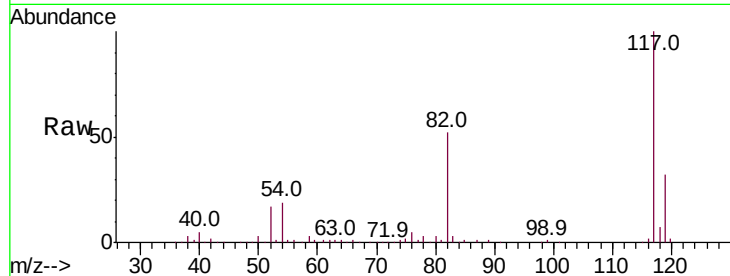




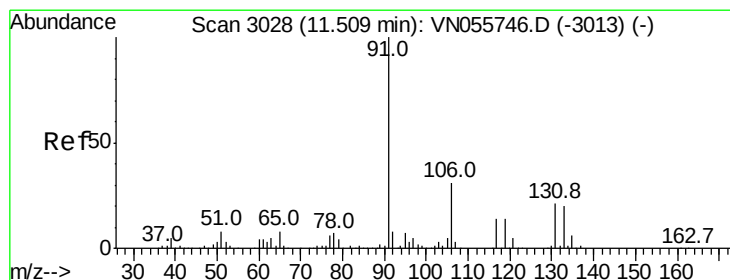
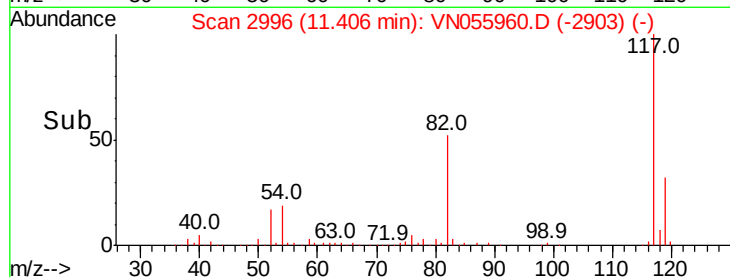
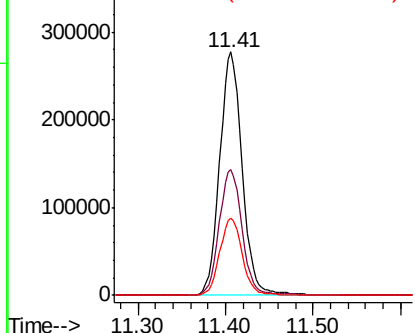
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion:117 Resp: 495545
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 31.9 25.4 38.0

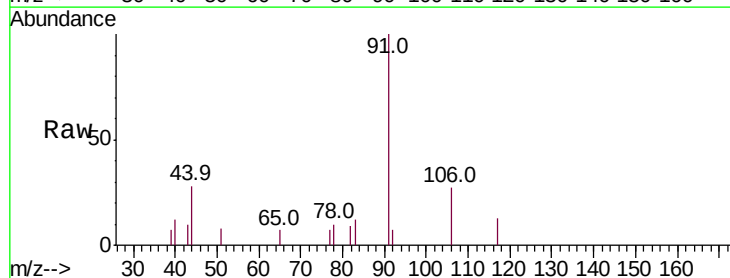


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

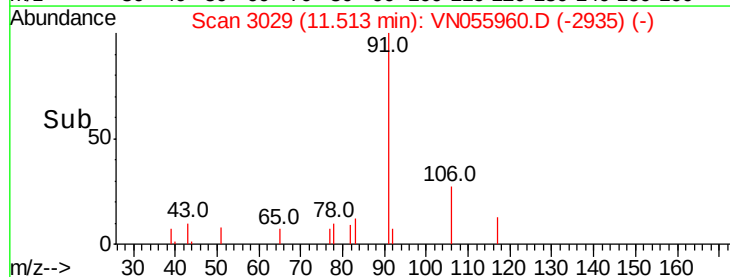
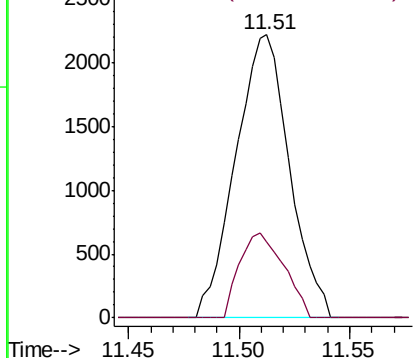


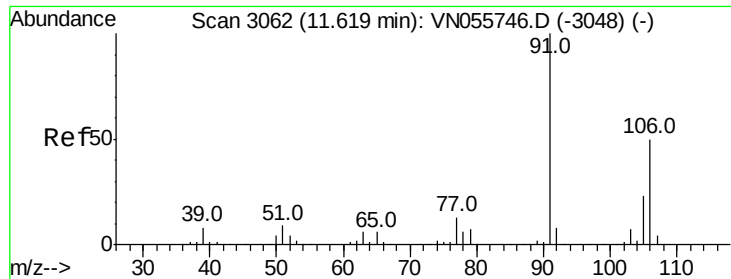
#67
Ethyl Benzene
Concen: 0.212 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 91 Resp: 3763
Ion Ratio Lower Upper
91 100
106 27.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.040 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN055960.D

Acq: 3 Jun 2019 14:40

Instrument :

MSVOA_N

ClientSampleId :

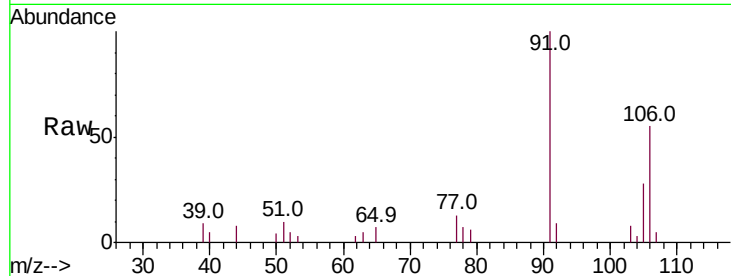
COMP-3

Tot Ion:106 Resp: 6992

Ion Ratio Lower Upper

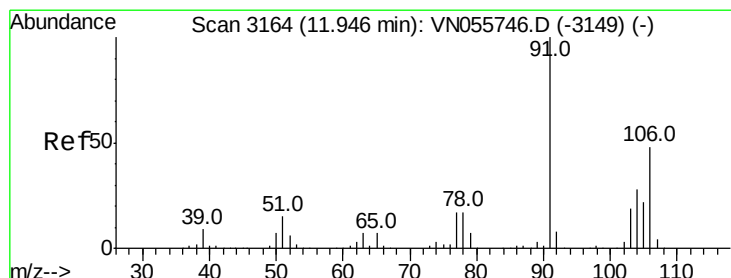
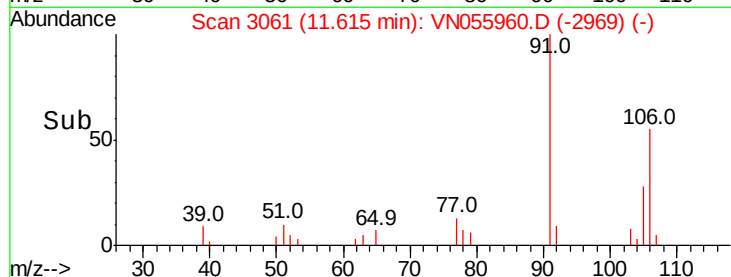
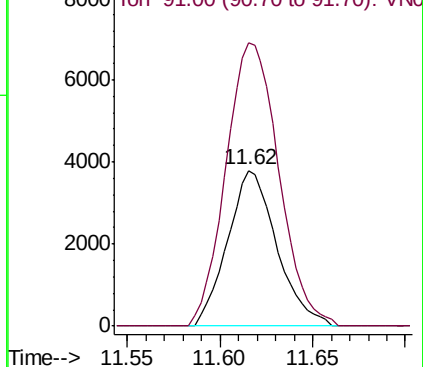
106 100

91 195.6 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.430 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN055960.D

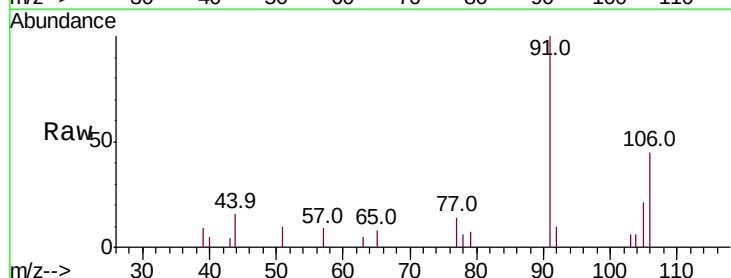
Acq: 3 Jun 2019 14:40

Tgt Ion:106 Resp: 2870

Ion Ratio Lower Upper

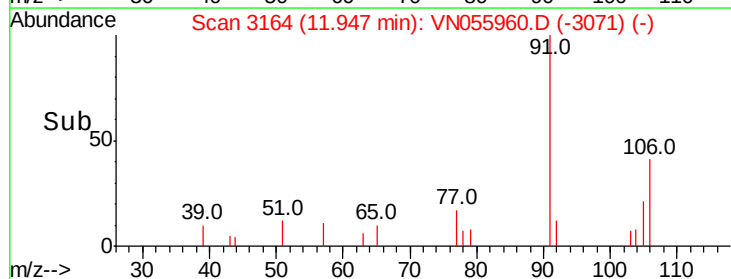
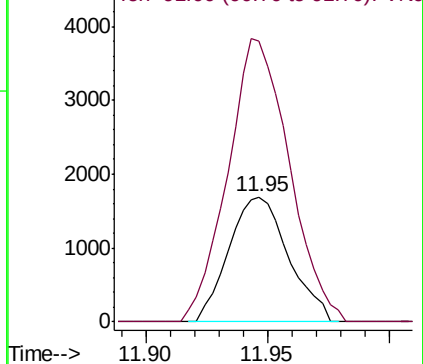
106 100

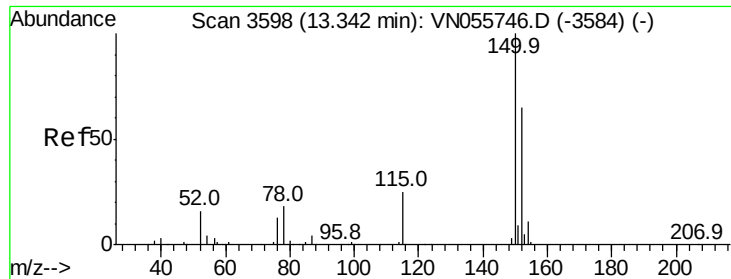
91 233.7 104.7 314.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055960.D

Acq: 3 Jun 2019 14:40

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

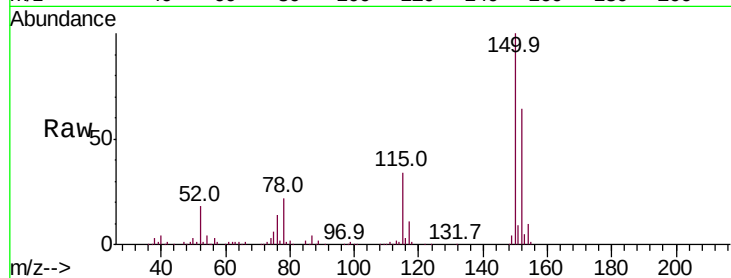
Tot Ion:152 Resp: 163237

Ion Ratio Lower Upper

152 100

115 53.7 27.0 81.0

150 156.7 0.0 343.2



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

