

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008642.D
 Acq On : 04 Apr 2019 17:40
 Operator : JC/SP
 Sample : K2265-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BW-04419

Quant Time: Apr 05 08:28:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	146870	47.50	ug/l	0.00
Spiked Amount						
			Recovery	=	95.00%	
35) Dibromofluoromethane	5.50	113	106534	47.14	ug/l	0.00
Spiked Amount						
			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	443864	49.33	ug/l	0.00
Spiked Amount						
			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	150621	47.20	ug/l	0.00
Spiked Amount						
			Recovery	=	94.40%	

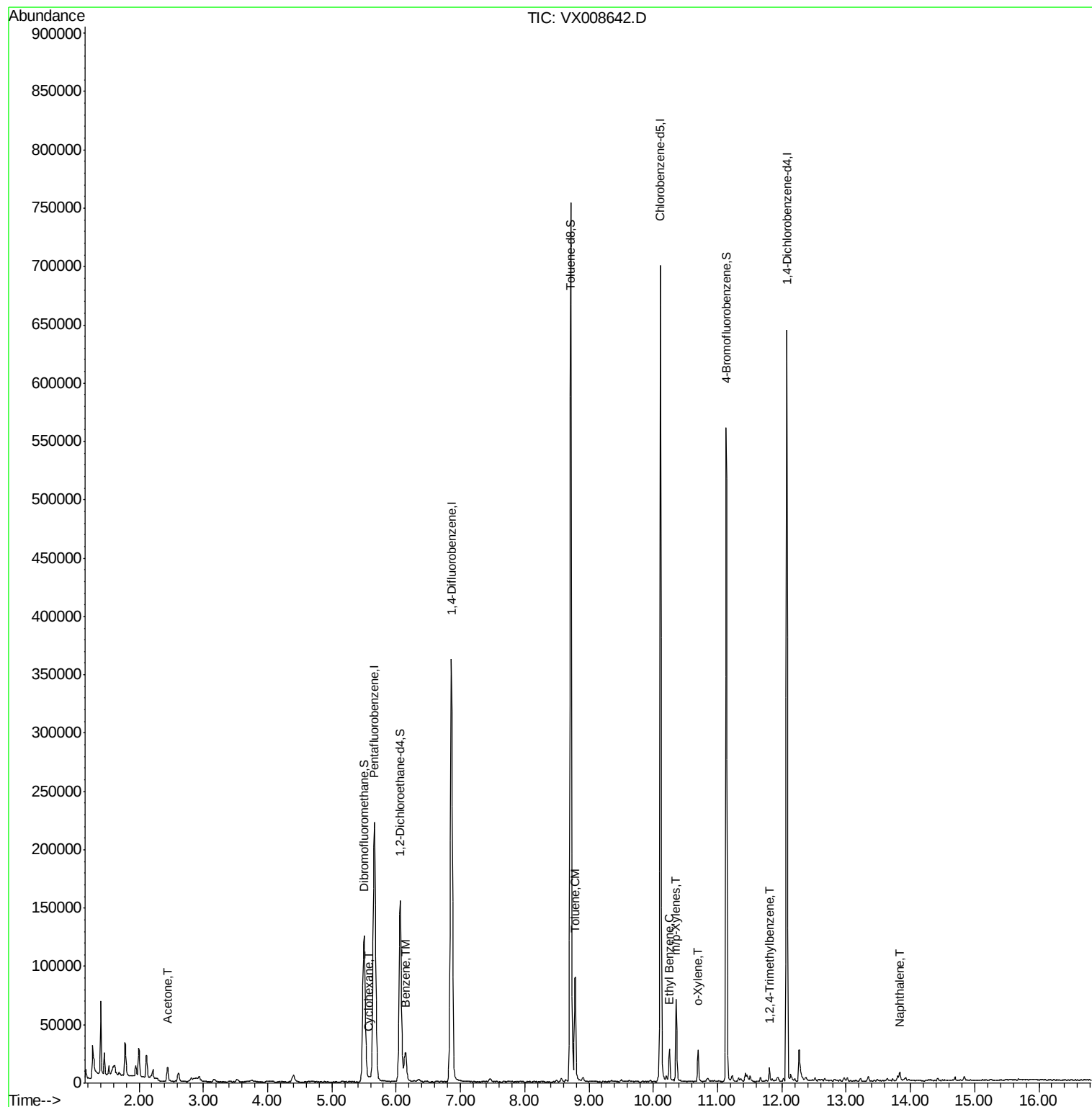
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	13229	7.428	ug/l	95
31) Cyclohexane	5.57	56	2731	0.511	ug/l	91
40) Benzene	6.15	78	29967	2.604	ug/l	98
52) Toluene	8.79	92	33045	4.870	ug/l	97
67) Ethyl Benzene	10.25	91	16016	1.255	ug/l	99
68) m/p-Xylenes	10.35	106	16317	3.557	ug/l	99
69) o-Xylene	10.69	106	5705	1.283	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	4556	0.499	ug/l	99
95) Naphthalene	13.83	128	3932	0.369	ug/l	97

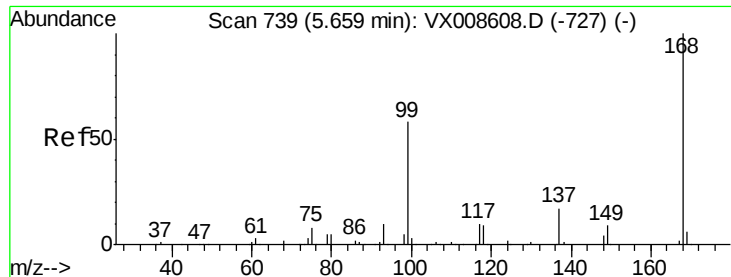
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008642.D

Acq: 04 Apr 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

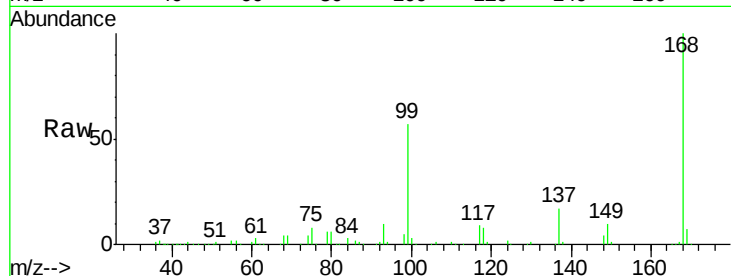
BW-04419

Tot Ion:168 Resp: 212005

Ion Ratio Lower Upper

168 100

99 57.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

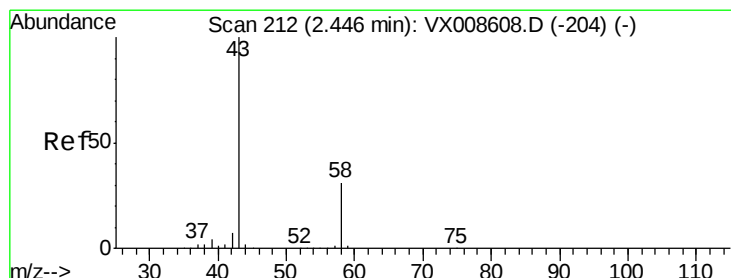
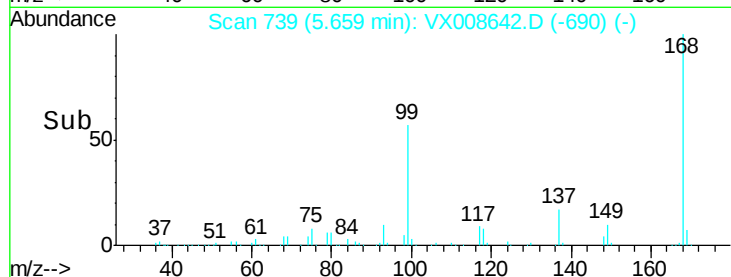
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.428 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008642.D

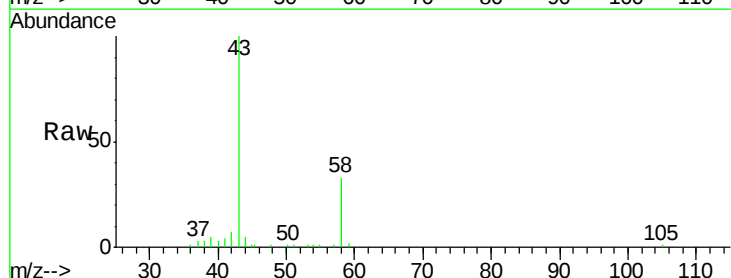
Acq: 04 Apr 2019 17:40

Tgt Ion: 43 Resp: 13229

Ion Ratio Lower Upper

43 100

58 33.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

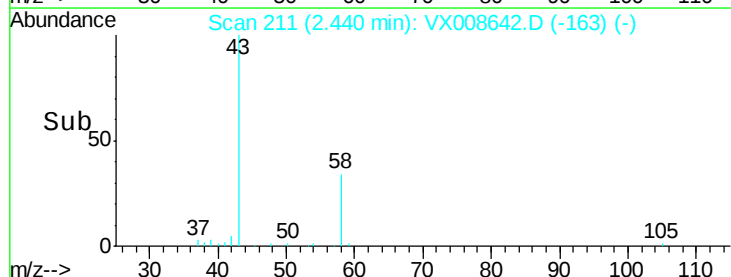
6000

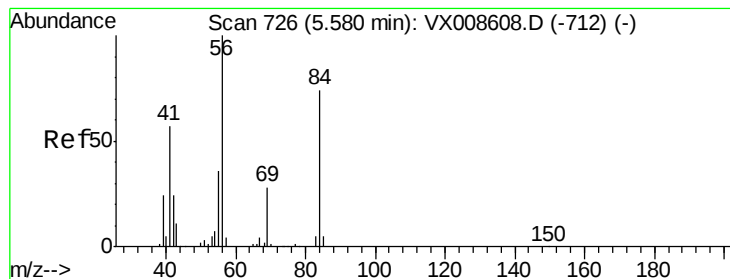
4000

2000

0

Time--> 2.40 2.45 2.50 2.55





#31

Cyclohexane

Concen: 0.511 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008642.D

Acq: 04 Apr 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

BW-04419

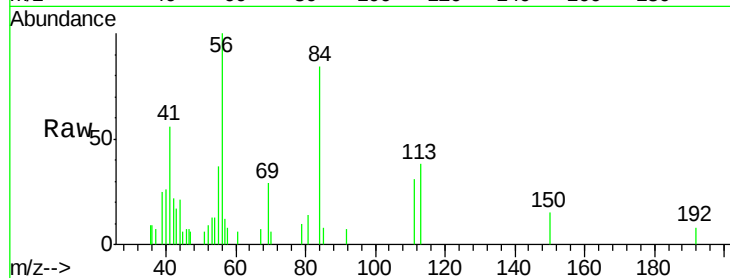
Tot Ion: 56 Resp: 2731

Ion Ratio Lower Upper

56 100

69 28.9 22.6 33.8

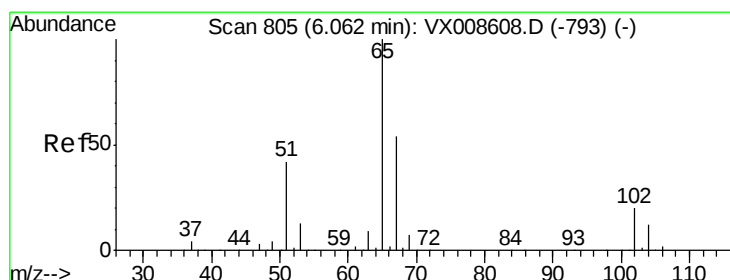
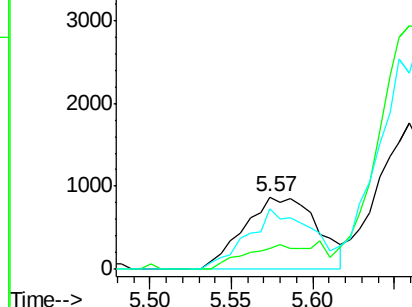
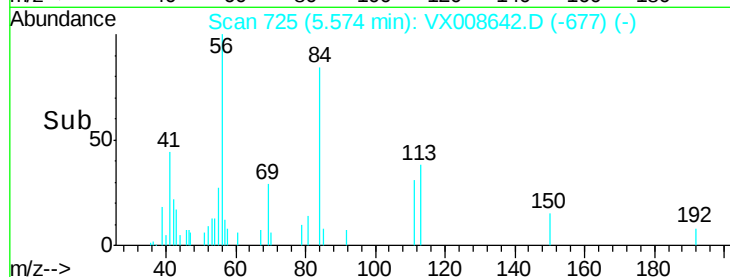
84 83.8 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.497 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008642.D

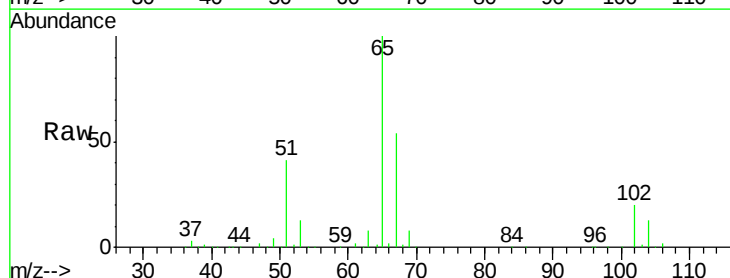
Acq: 04 Apr 2019 17:40

Tgt Ion: 65 Resp: 146870

Ion Ratio Lower Upper

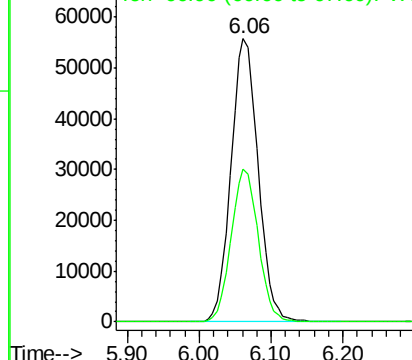
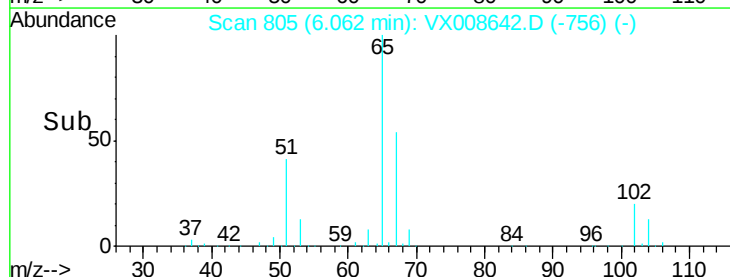
65 100

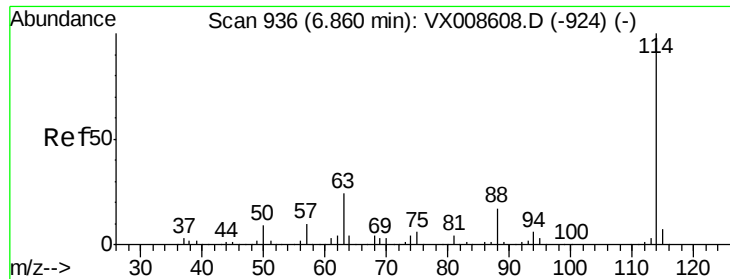
67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

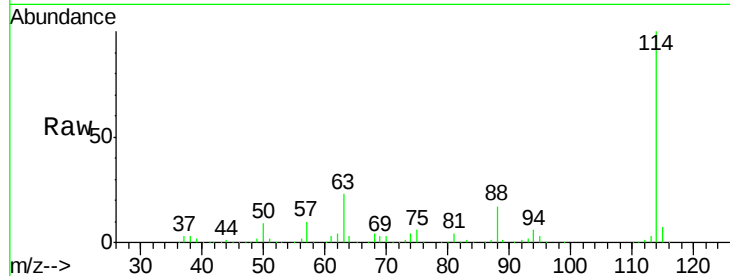




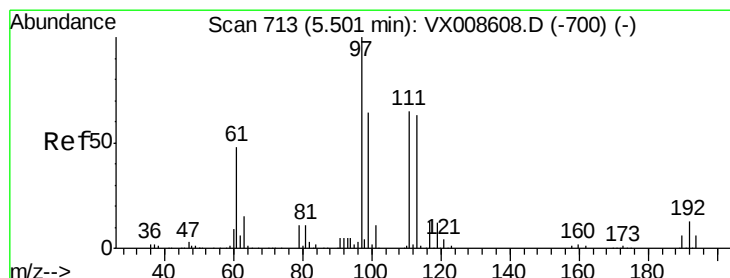
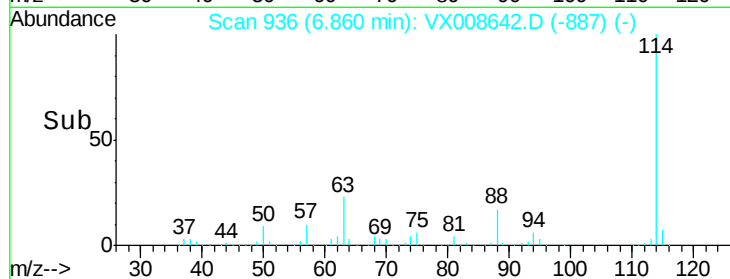
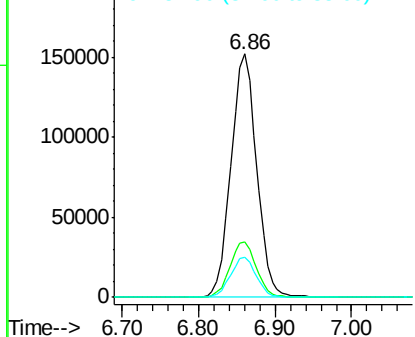
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008642.D
 Acq: 04 Apr 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 BW-04419

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	47.2
88	16.7	0.0	34.0

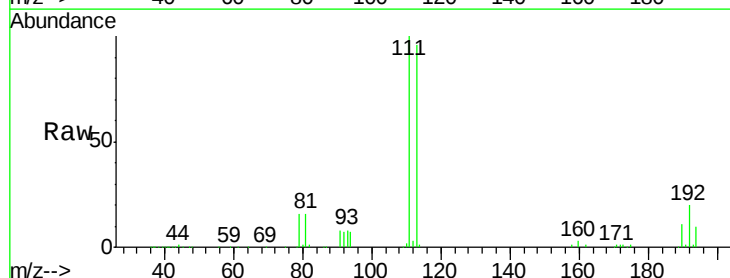


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

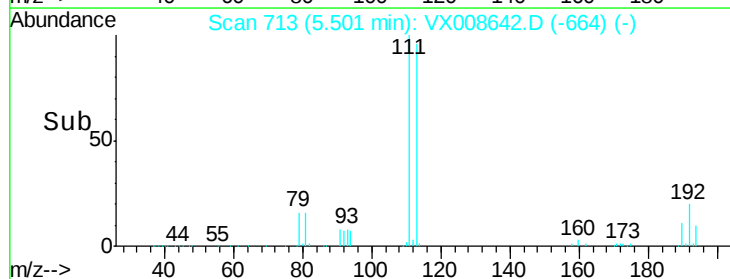
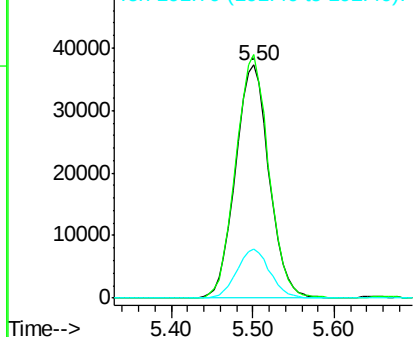


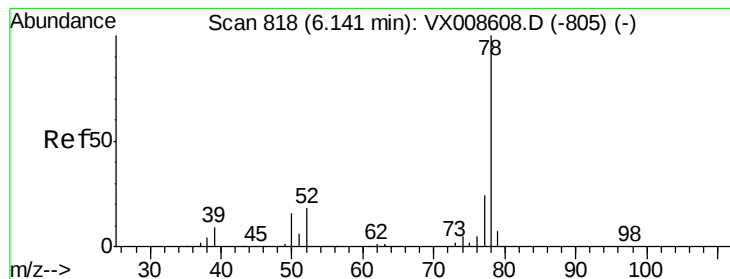
#35
 Dibromofluoromethane
 Concen: 47.142 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008642.D
 Acq: 04 Apr 2019 17:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	20.6	16.1	24.1



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





#40

Benzene

Concen: 2.604 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008642.D

Acq: 04 Apr 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

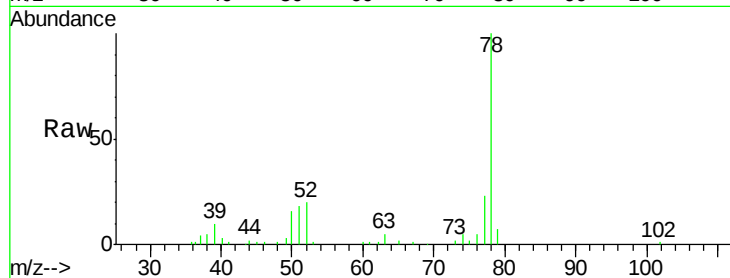
BW-04419

Tot Ion: 78 Resp: 29967

Ion Ratio Lower Upper

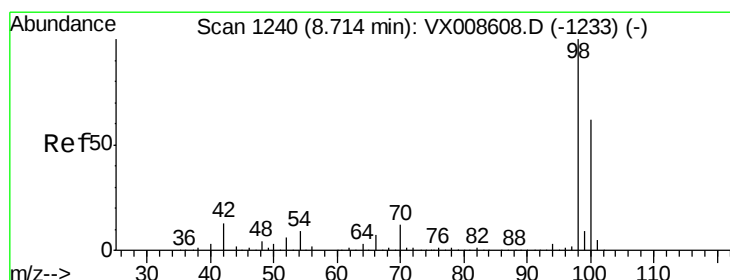
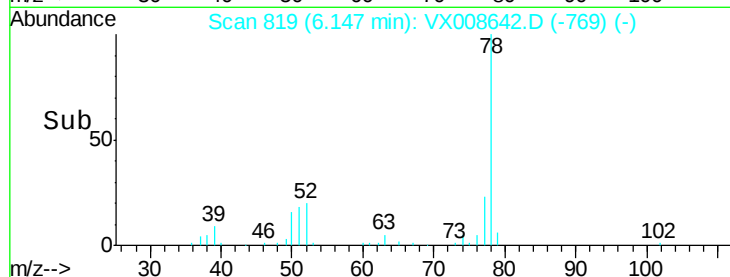
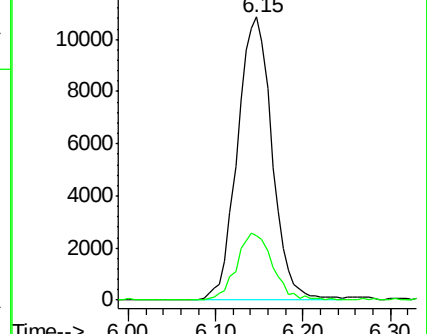
78 100

77 22.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.328 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008642.D

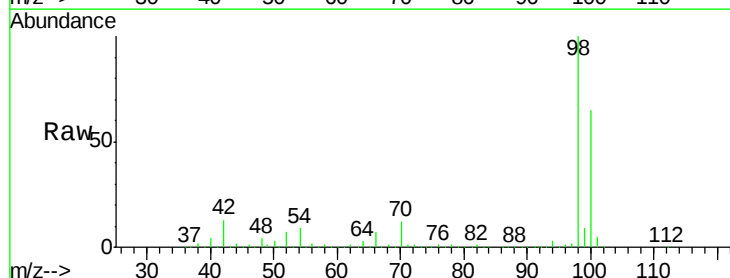
Acq: 04 Apr 2019 17:40

Tgt Ion: 98 Resp: 443864

Ion Ratio Lower Upper

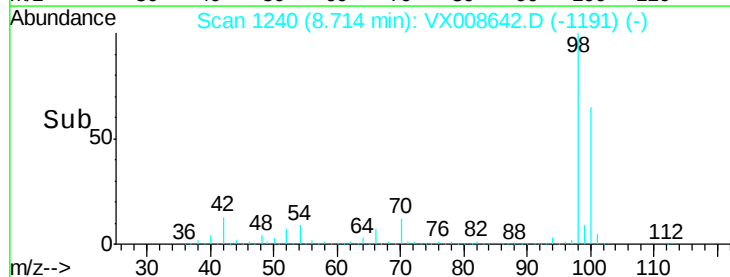
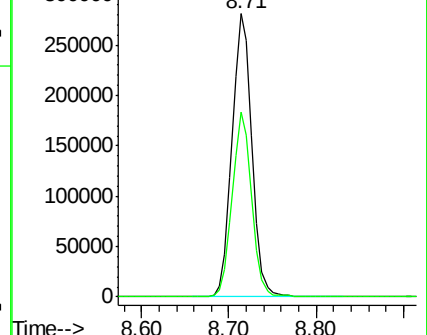
98 100

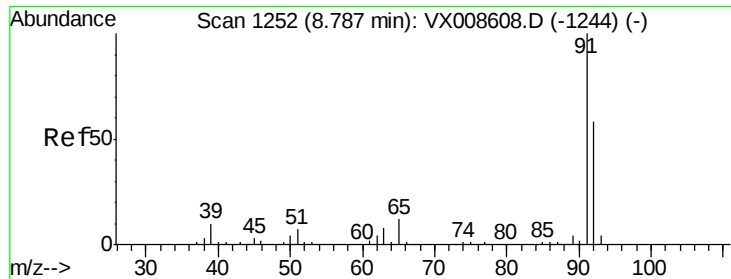
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 4.870 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008642.D

Acq: 04 Apr 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

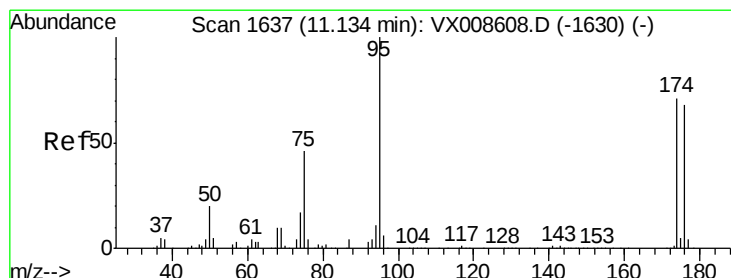
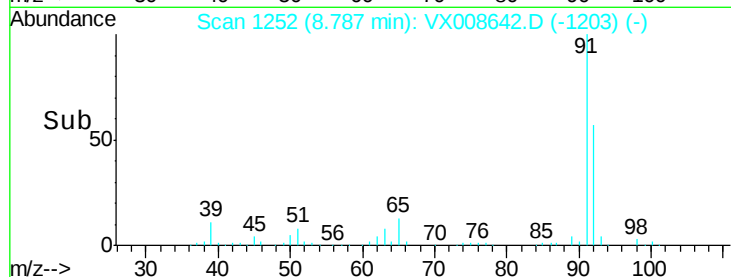
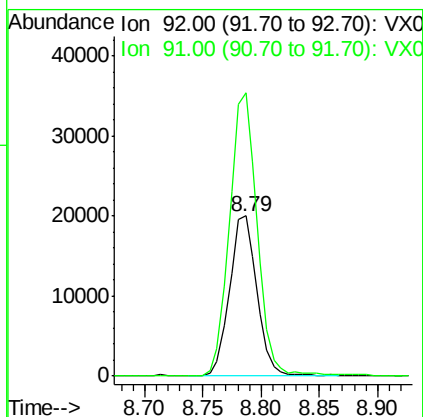
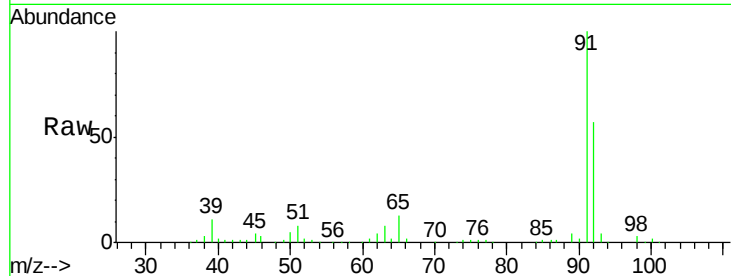
BW-04419

Tot Ion: 92 Resp: 33045

Ion Ratio Lower Upper

92 100

91 177.5 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 47.203 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008642.D

Acq: 04 Apr 2019 17:40

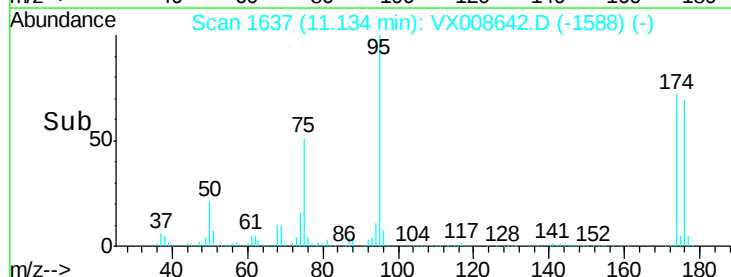
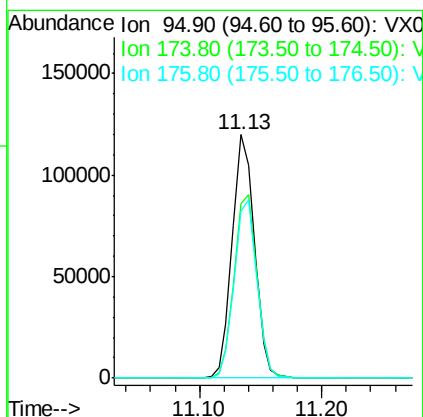
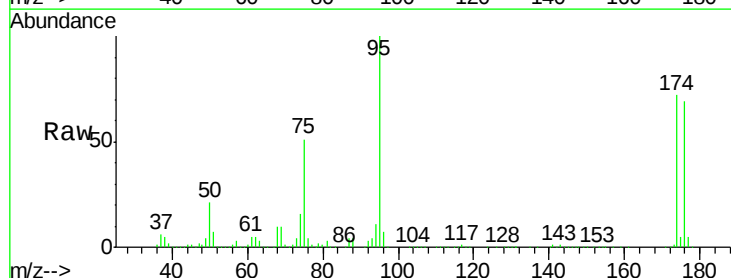
Tgt Ion: 95 Resp: 150621

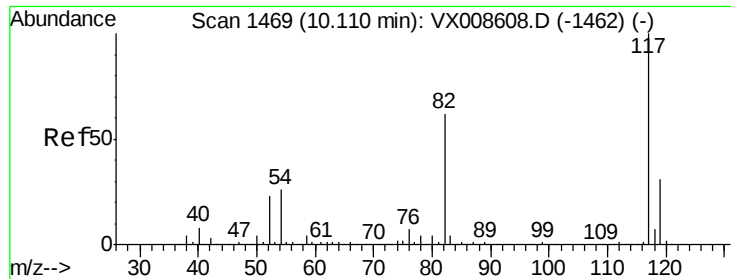
Ion Ratio Lower Upper

95 100

174 77.3 0.0 151.8

176 74.4 0.0 145.8

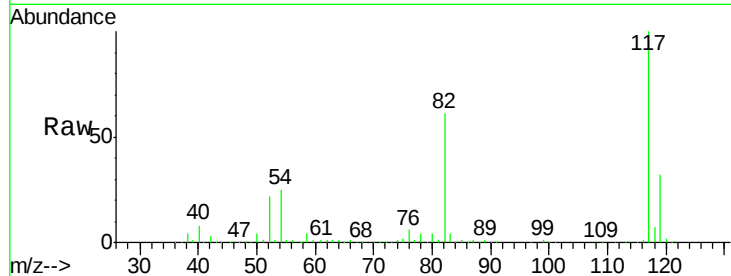




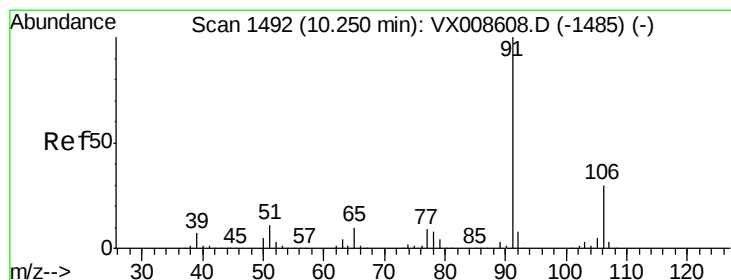
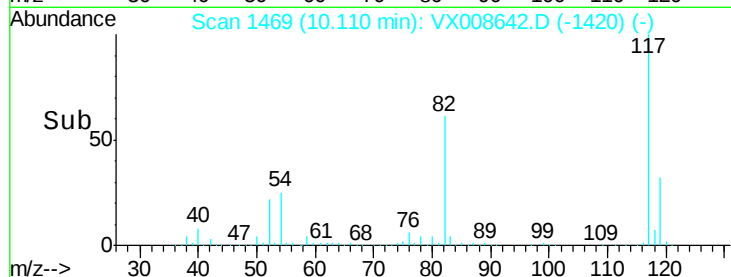
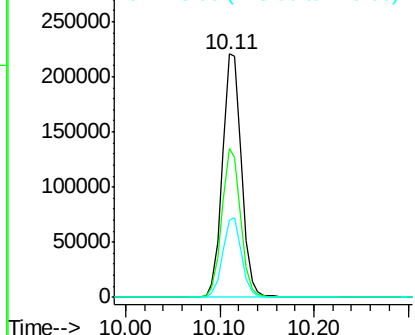
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tot Ion:117 Resp: 308707
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 31.8 25.0 37.4

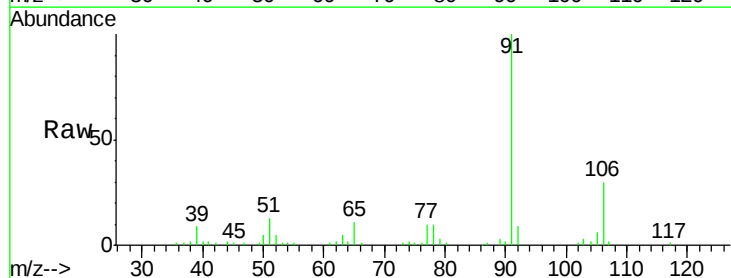


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

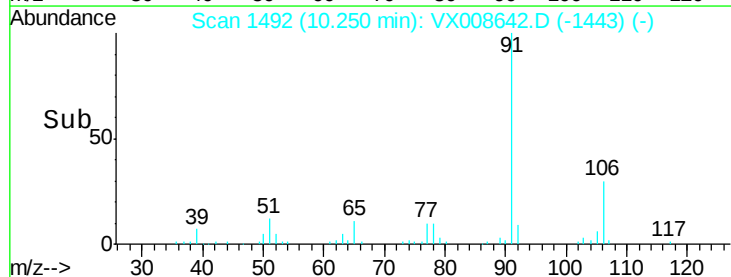
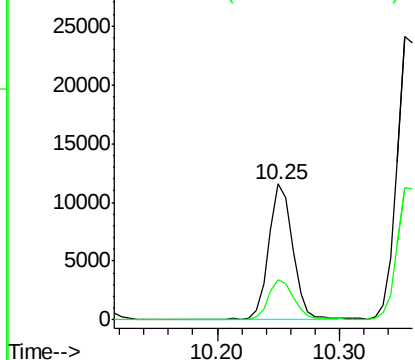


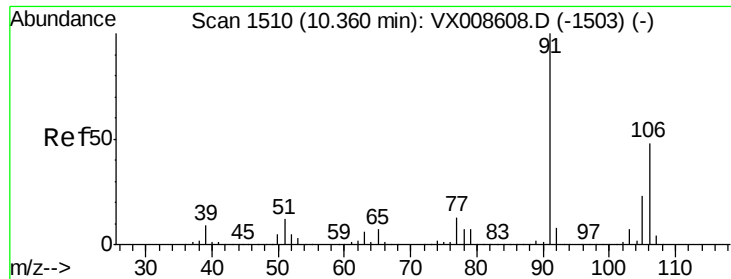
#67
Ethyl Benzene
Concen: 1.255 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 91 Resp: 16016
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

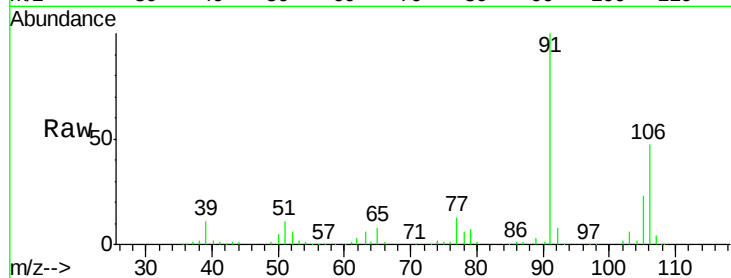




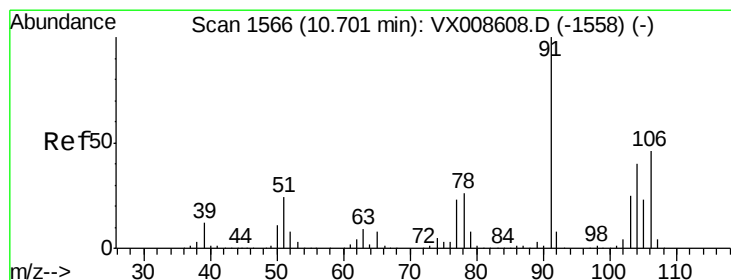
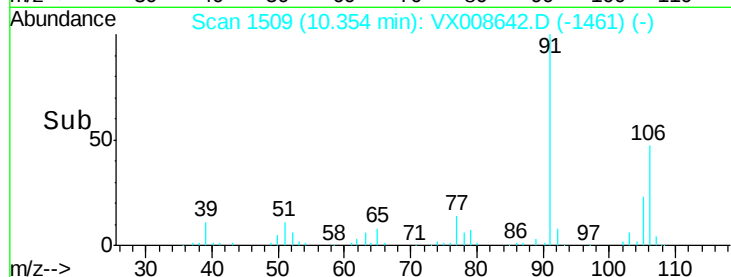
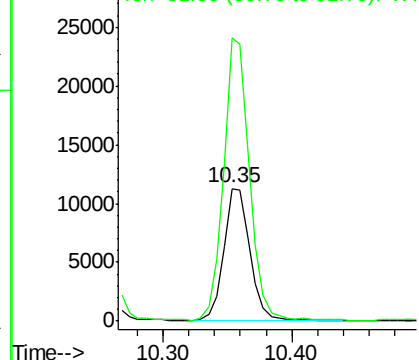
#68
m/p-Xvlenes
Concen: 3.557 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tot Ion:106 Resp: 16317
Ion Ratio Lower Upper
106 100
91 208.4 168.5 252.7

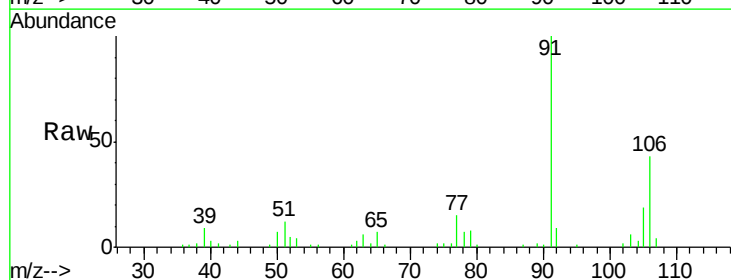


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

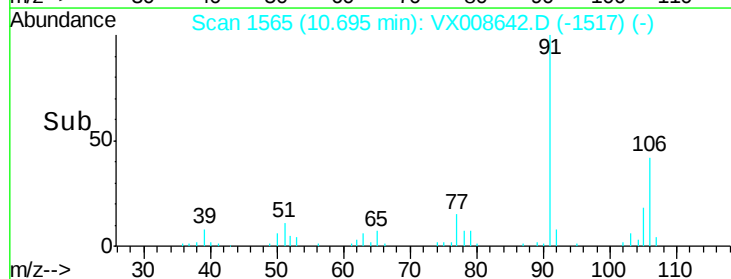
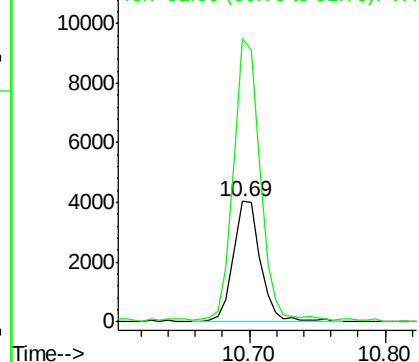


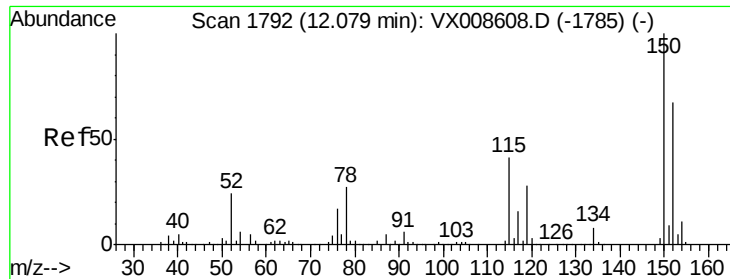
#69
o-Xylene
Concen: 1.283 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:106 Resp: 5705
Ion Ratio Lower Upper
106 100
91 220.4 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008642.D

Acq: 04 Apr 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

BW-04419

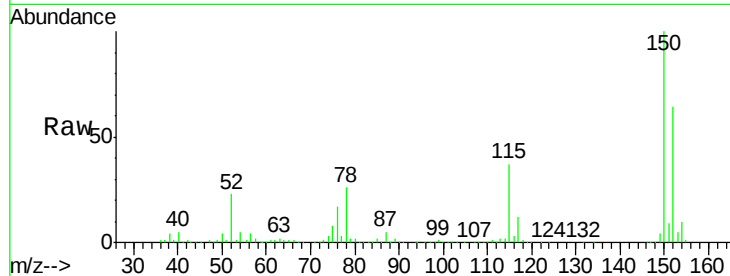
Tot Ion:152 Resp: 129584

Ion Ratio Lower Upper

152 100

115 60.4 43.5 130.5

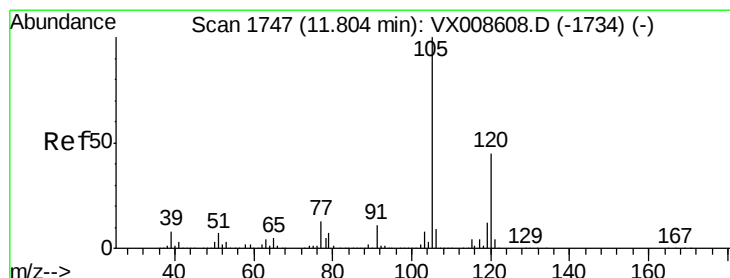
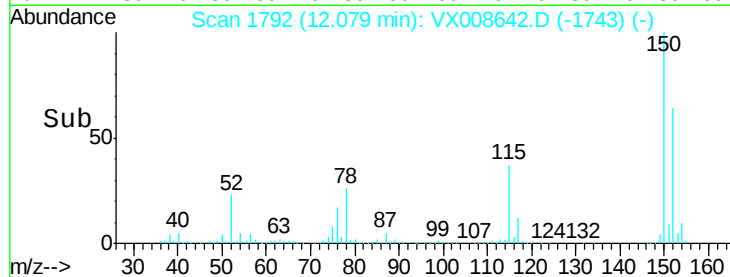
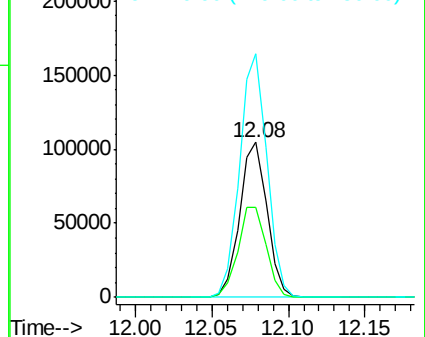
150 157.2 0.0 348.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.499 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008642.D

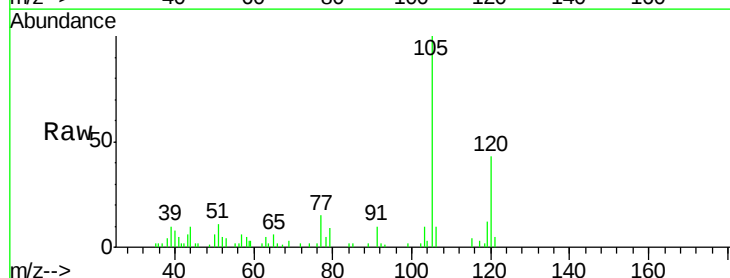
Acq: 04 Apr 2019 17:40

Tgt Ion:105 Resp: 4556

Ion Ratio Lower Upper

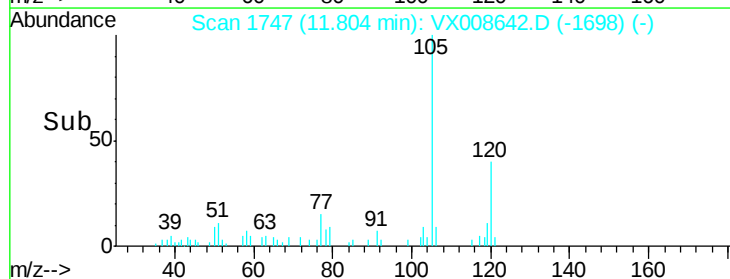
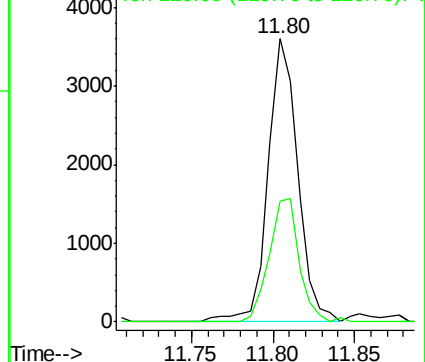
105 100

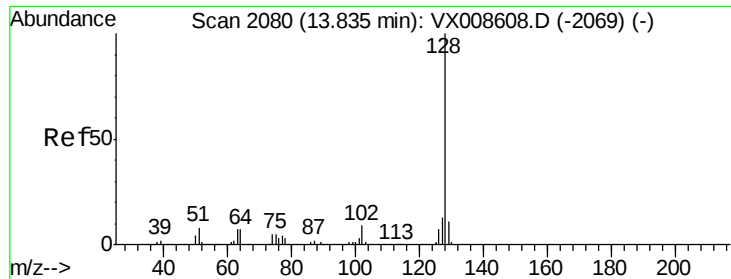
120 44.1 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

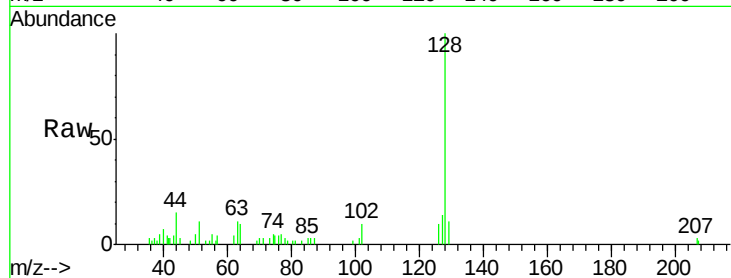




#95
Naphthalene
Concen: 0.369 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tot Ion:128 Resp: 3932
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 12.4 8.6 13.0



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

