

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005715.D
 Acq On : 31 Oct 2018 19:29
 Operator : JC/MD
 Sample : J5711-03ME
 Misc : 5.99g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3ME

Quant Time: Oct 31 19:53:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	134946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	220455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95849	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	97213	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
35) Dibromofluoromethane	5.51	113	71097	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	8.71	98	276439	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.14	95	97169	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

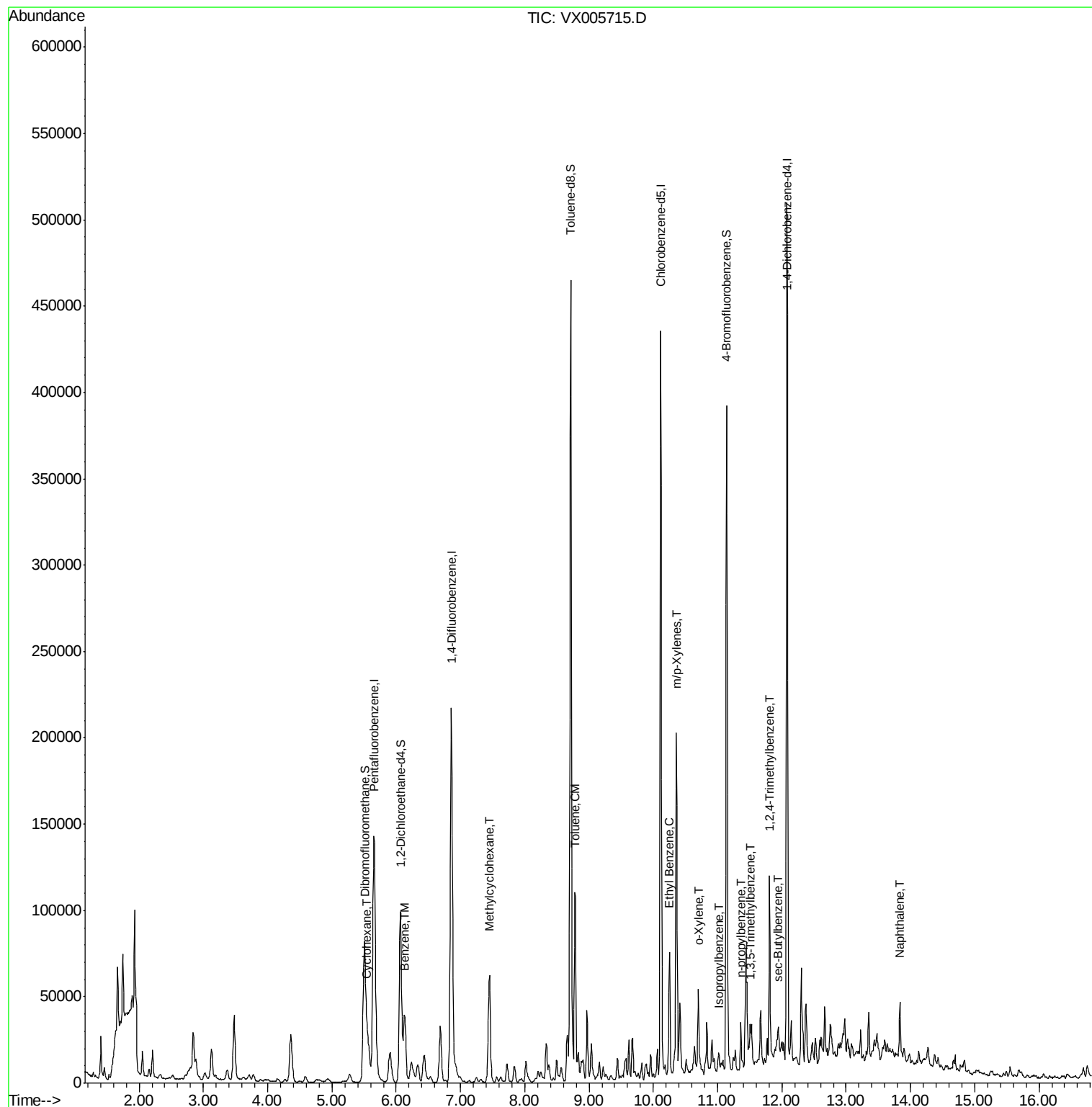
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.55	56	15609	5.921	ug/l	95
39) Methylcyclohexane	7.45	83	24717	10.090	ug/l	92
40) Benzene	6.13	78	45560	6.520	ug/l	96
52) Toluene	8.79	92	40166	10.627	ug/l	98
67) Ethyl Benzene	10.26	91	42054	5.878	ug/l	98
68) m/p-Xylenes	10.36	106	43013	16.180	ug/l	95
69) o-Xylene	10.70	106	9418	3.704	ug/l	93
73) Isopropylbenzene	11.02	105	4854	0.768	ug/l	93
78) n-propylbenzene	11.36	91	17467	2.271	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	9679	1.803	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	44637	8.233	ug/l	99
85) sec-Butylbenzene	11.95	105	3342	0.509	ug/l	96
95) Naphthalene	13.83	128	19165	2.867	ug/l	98

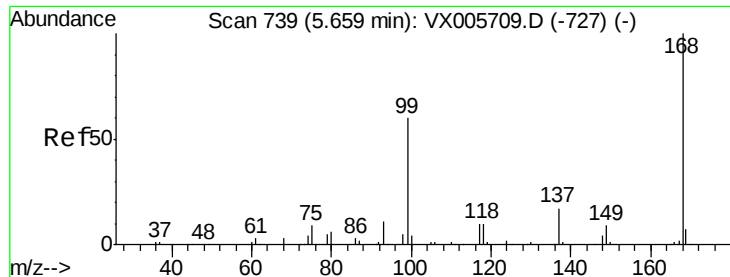
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX103118\
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ClientSampleId :
SB-3ME

Quant Time: Oct 31 19:53:53 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
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: VX005715.D

Acq: 31 Oct 2018 19:29

Instrument :

MSVOA_X

ClientSampled :

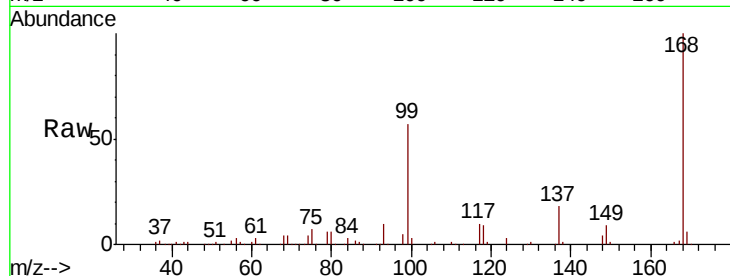
SB-3ME

Tot Ion:168 Resp: 134946

Ion Ratio Lower Upper

168 100

99 56.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

50000

40000

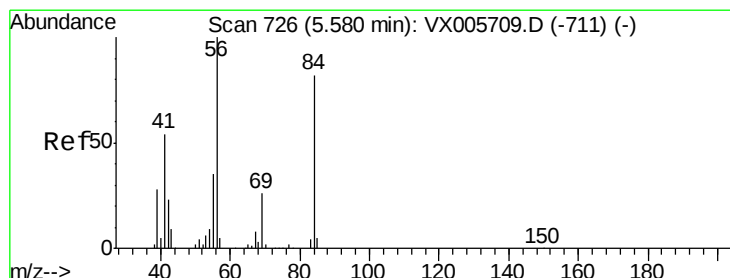
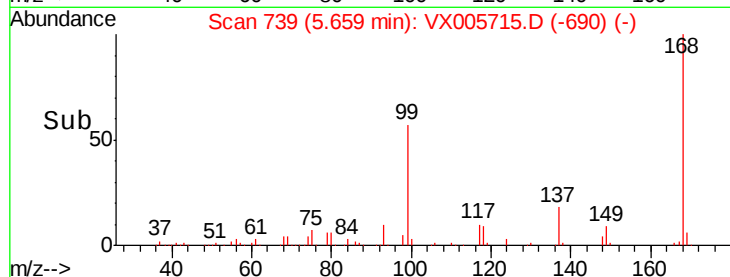
30000

20000

10000

0

Time-->



#31

Cyclohexane

Concen: 5.921 ug/l

RT: 5.55 min Scan# 721

Delta R.T. -0.03 min

Lab File: VX005715.D

Acq: 31 Oct 2018 19:29

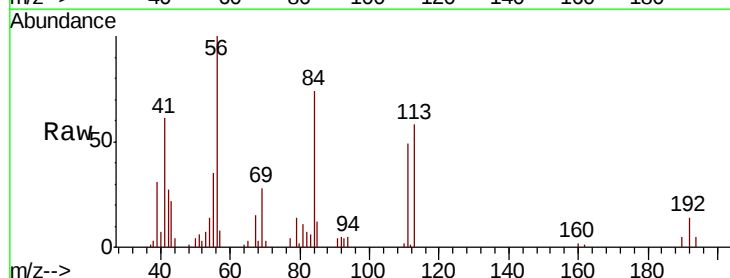
Tgt Ion: 56 Resp: 15609

Ion Ratio Lower Upper

56 100

69 26.4 22.6 34.0

84 73.8 62.7 94.1



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

5.55

6000

5000

4000

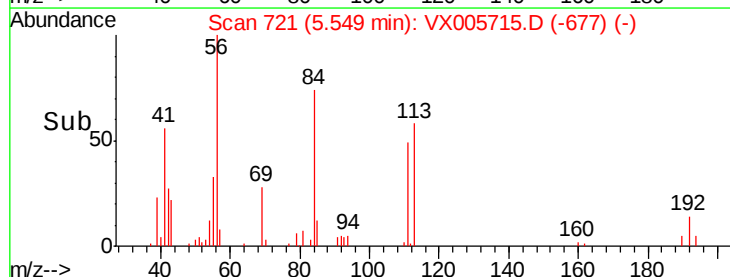
3000

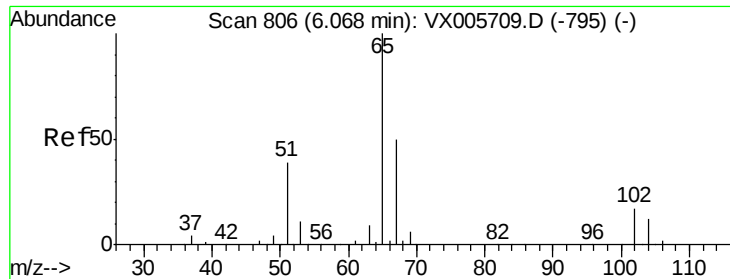
2000

1000

0

Time-->

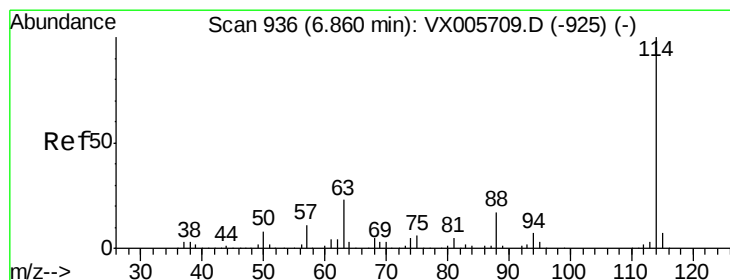
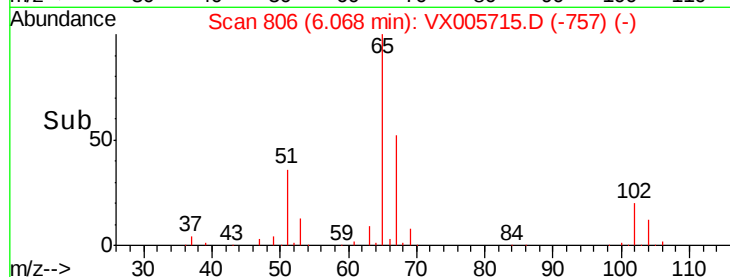
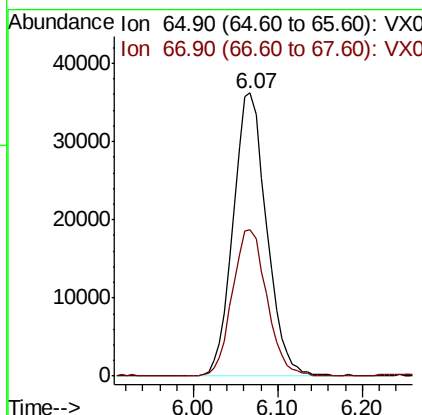
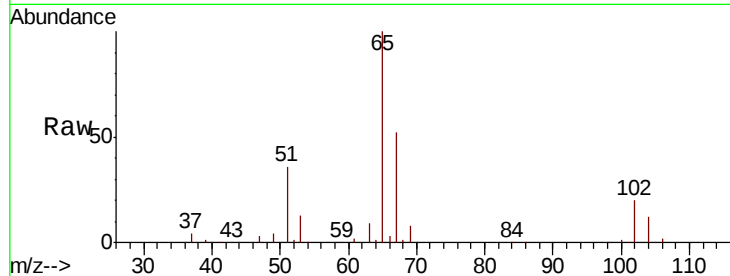




#33
 1,2-Dichloroethane-d4
 Concen: 49.273 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005715.D
 Acq: 31 Oct 2018 19:29

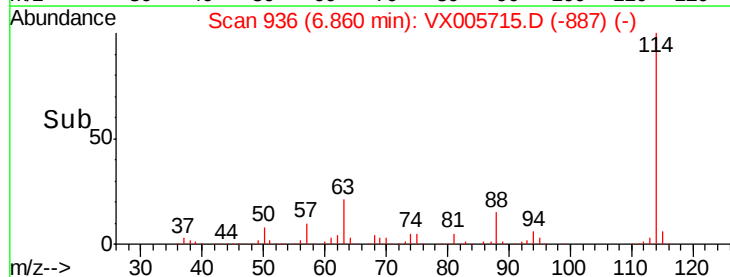
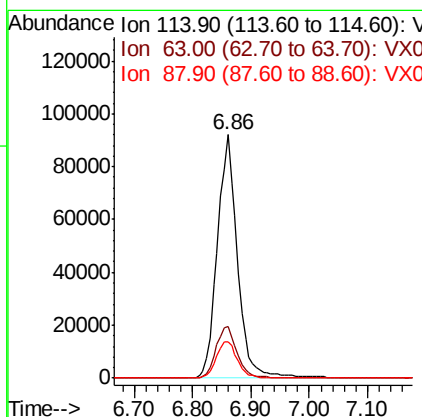
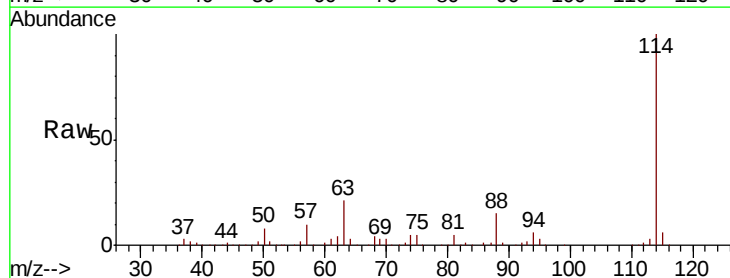
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3ME

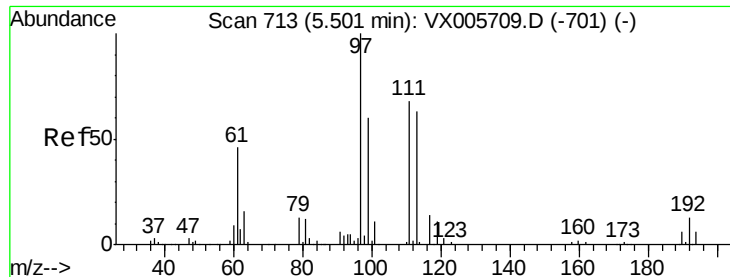
Tot Ion: 65 Resp: 97213
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005715.D
 Acq: 31 Oct 2018 19:29

Tgt Ion: 114 Resp: 220455
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.1 0.0 31.2

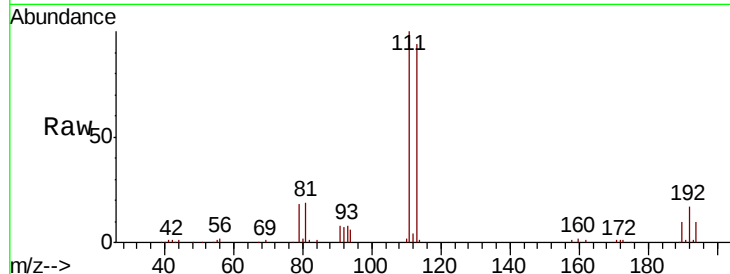




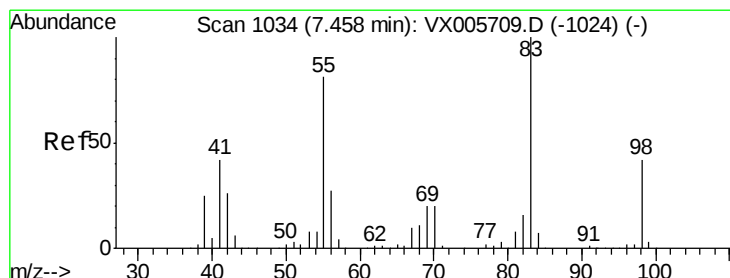
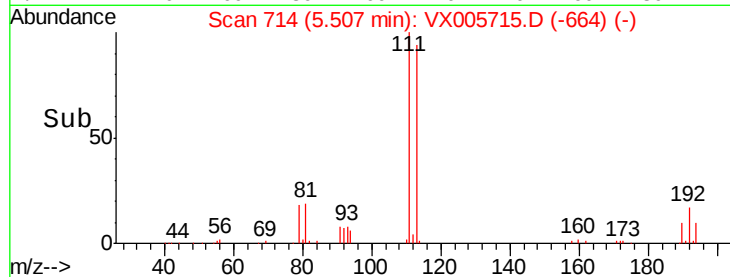
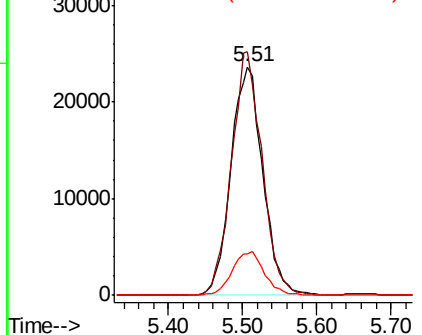
#35
Dibromofluoromethane
Concen: 46.577 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005715.D
Acq: 31 Oct 2018 19:29

Instrument :
MSVOA_X
ClientSampleId :
SB-3ME

Tot Ion:113 Resp: 71097
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 19.3 17.9 26.9

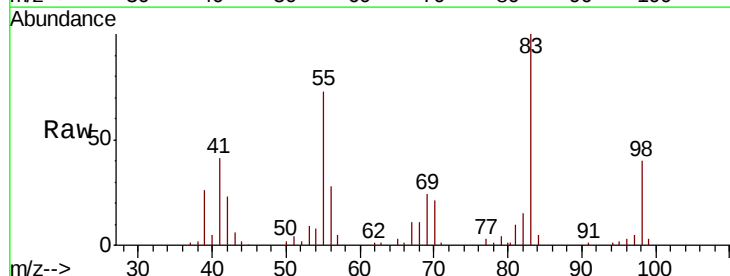


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

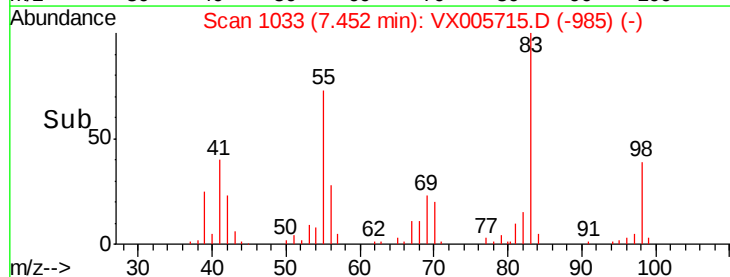
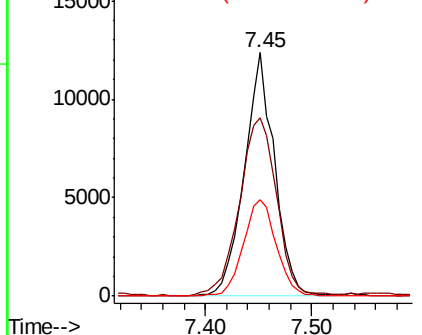


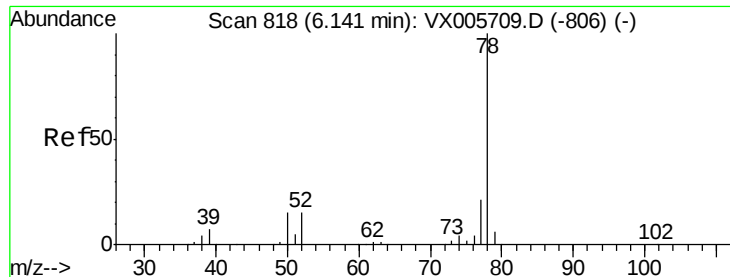
#39
Methylcyclohexane
Concen: 10.090 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005715.D
Acq: 31 Oct 2018 19:29

Tgt Ion: 83 Resp: 24717
Ion Ratio Lower Upper
83 100
55 73.3 63.7 95.5
98 39.8 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 6.520 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX005715.D

Acq: 31 Oct 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

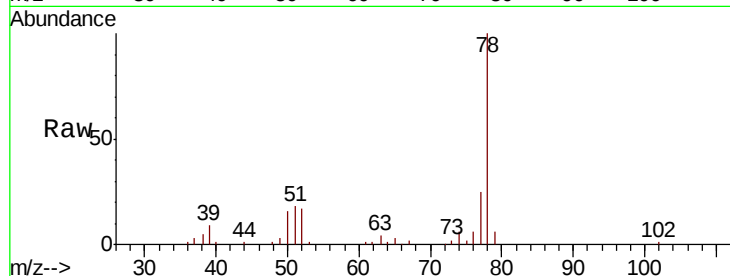
SB-3ME

Tot Ion: 78 Resp: 45560

Ion Ratio Lower Upper

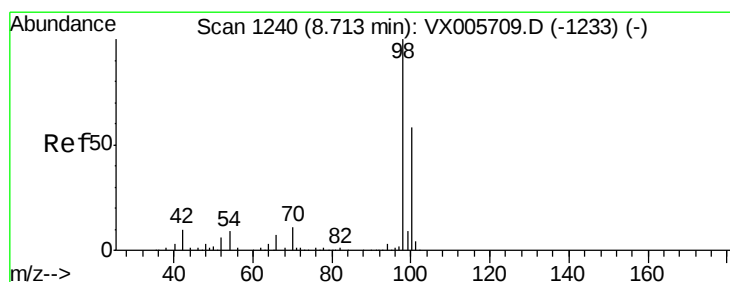
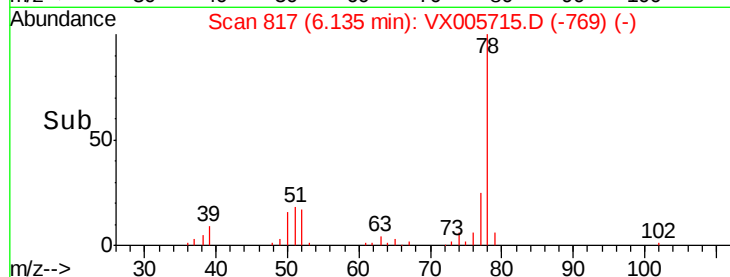
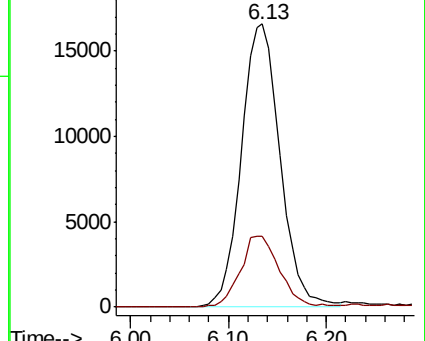
78 100

77 24.8 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.635 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005715.D

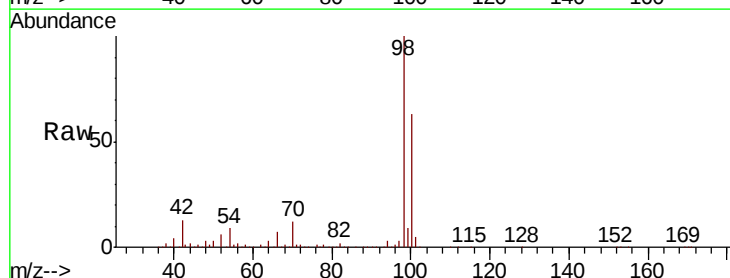
Acq: 31 Oct 2018 19:29

Tgt Ion: 98 Resp: 276439

Ion Ratio Lower Upper

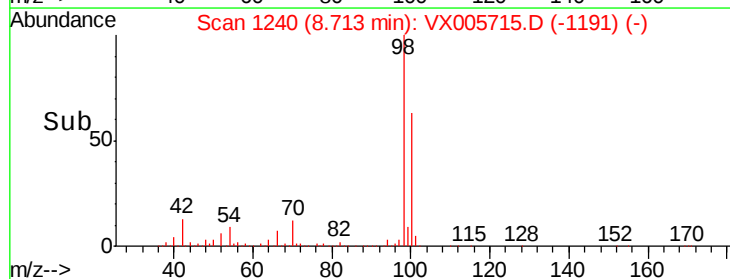
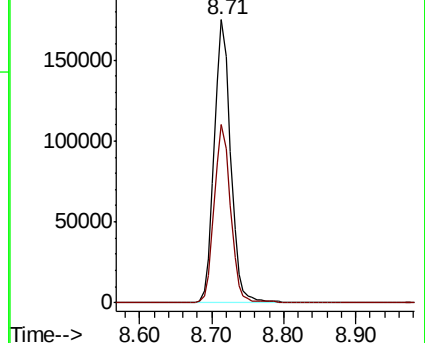
98 100

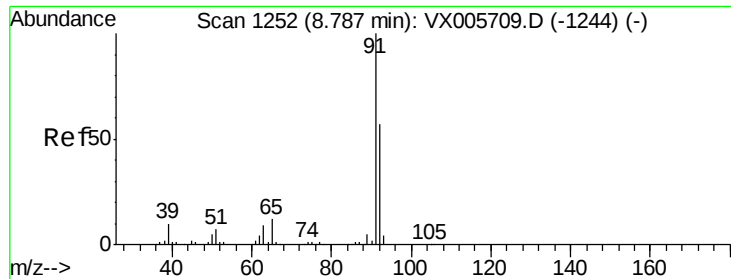
100 63.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 10.627 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005715.D

Acq: 31 Oct 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

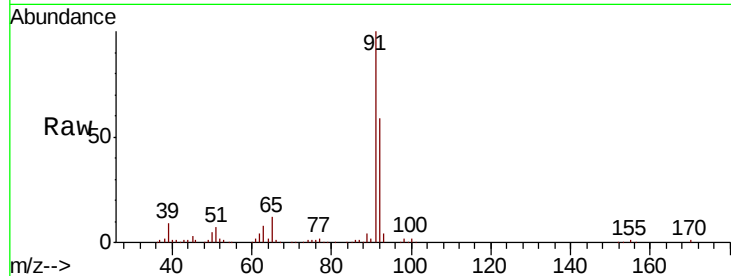
SB-3ME

Tot Ion: 92 Resp: 40166

Ion Ratio Lower Upper

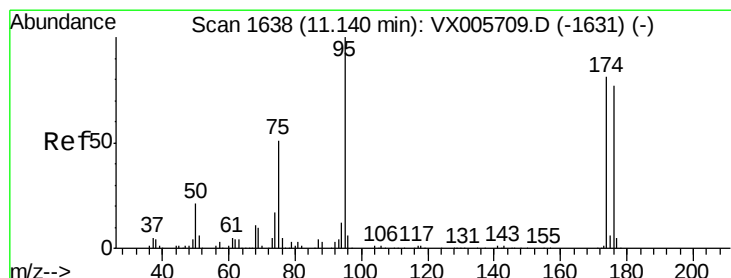
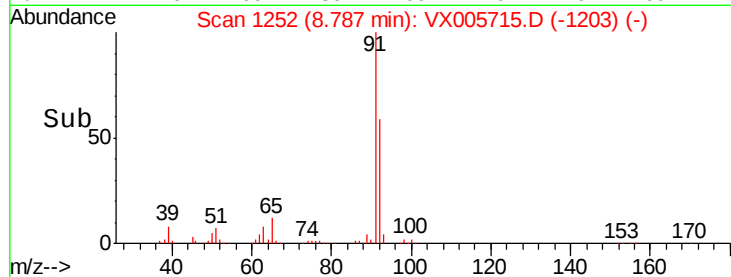
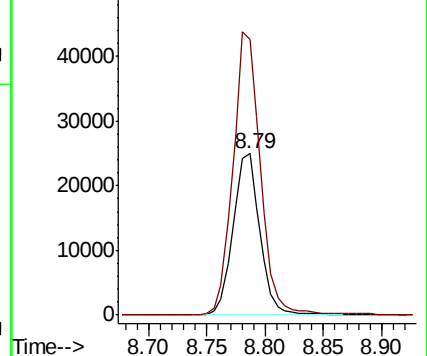
92 100

91 178.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.177 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005715.D

Acq: 31 Oct 2018 19:29

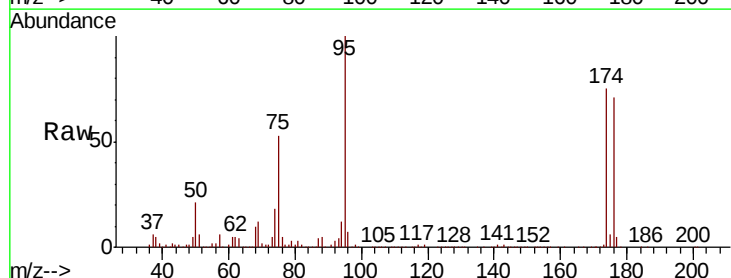
Tgt Ion: 95 Resp: 97169

Ion Ratio Lower Upper

95 100

174 77.5 0.0 184.4

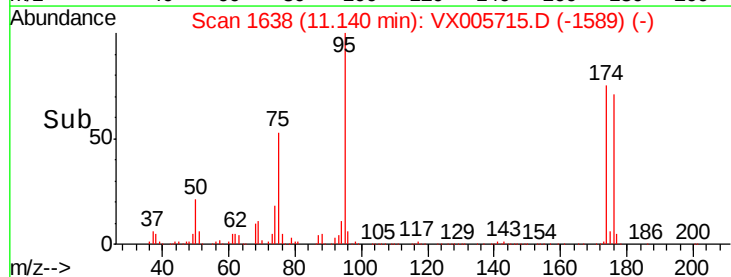
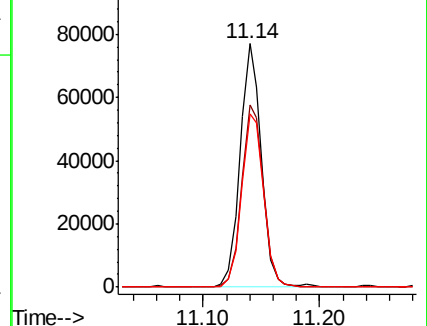
176 74.3 0.0 177.4

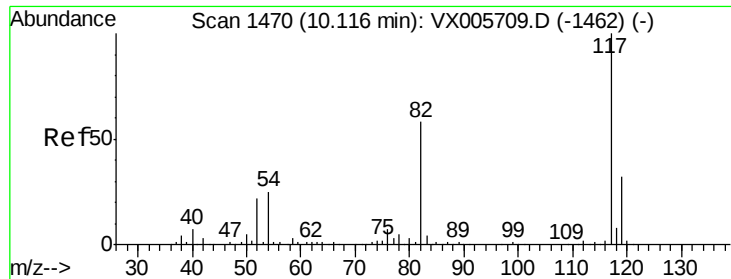


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

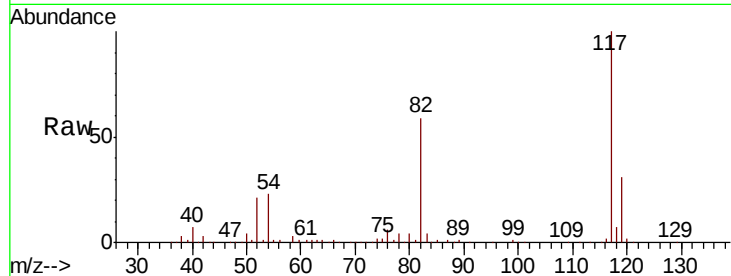




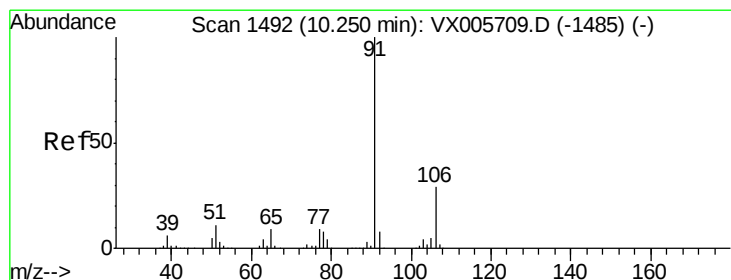
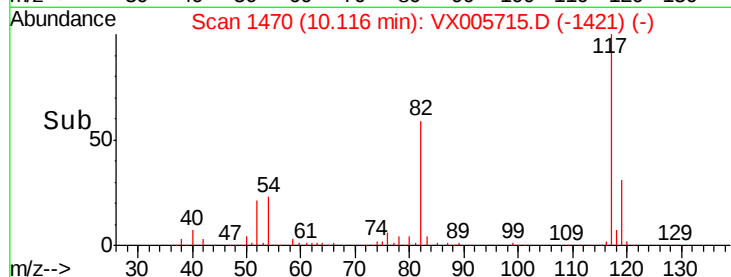
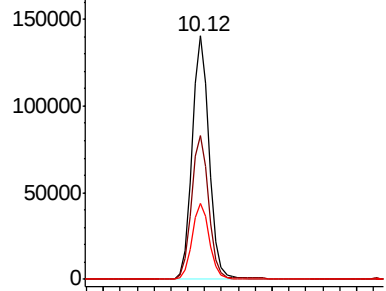
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005715.D
Acq: 31 Oct 2018 19:29

Instrument :
MSVOA_X
ClientSampleId :
SB-3ME

Tot Ion:117 Resp: 197264
Ion Ratio Lower Upper
117 100
82 58.8 44.1 66.1
119 31.2 26.2 39.2

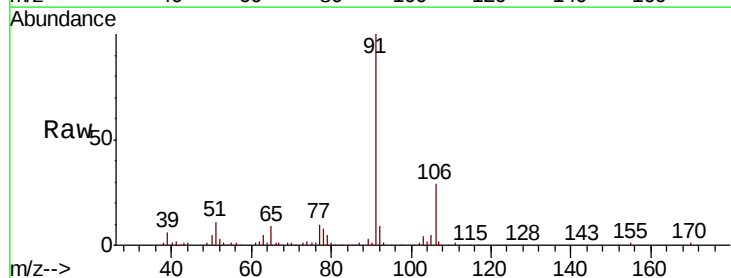


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

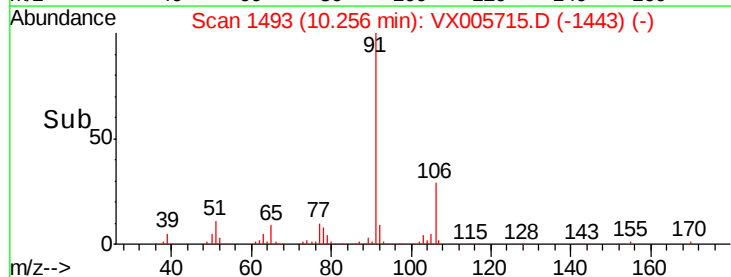
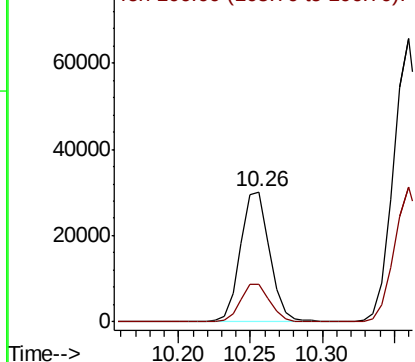


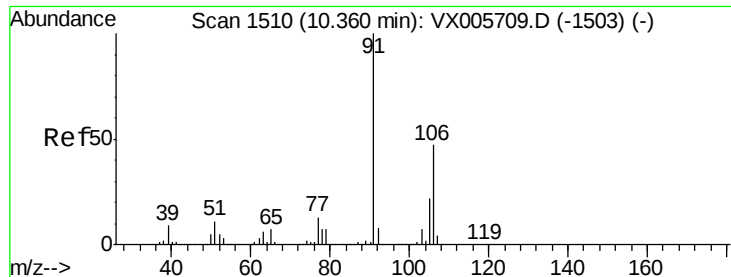
#67
Ethyl Benzene
Concen: 5.878 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005715.D
Acq: 31 Oct 2018 19:29

Tgt Ion: 91 Resp: 42054
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6



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

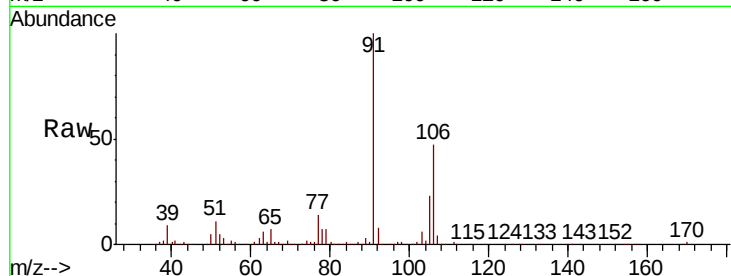




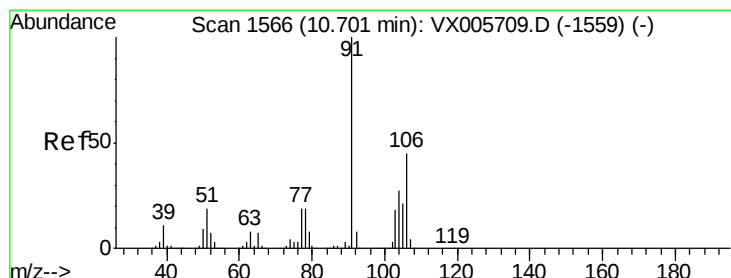
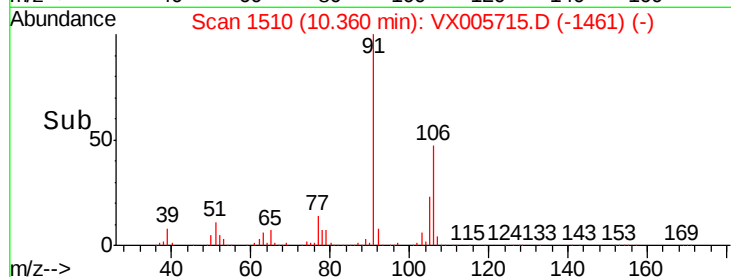
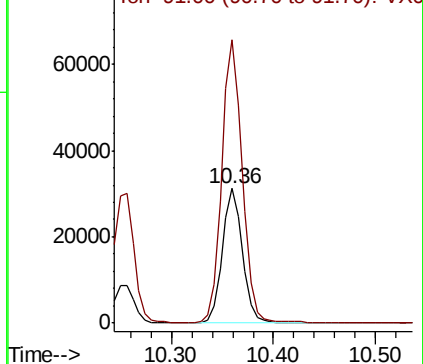
#68
m/p-Xylenes
Concen: 16.180 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005715.D
Acq: 31 Oct 2018 19:29

Instrument :
MSVOA_X
ClientSampleId :
SB-3ME

Tot Ion:106 Resp: 43013
Ion Ratio Lower Upper
106 100
91 212.5 164.2 246.4

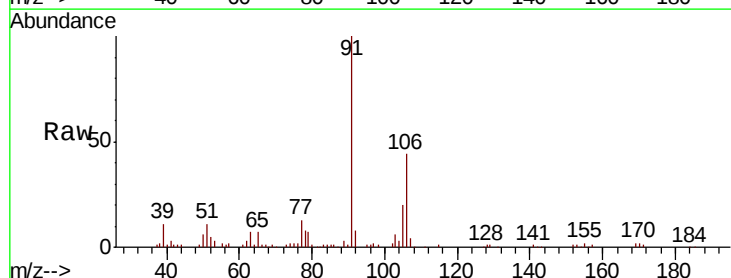


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

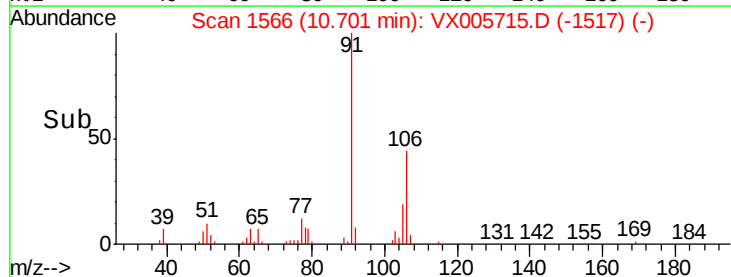
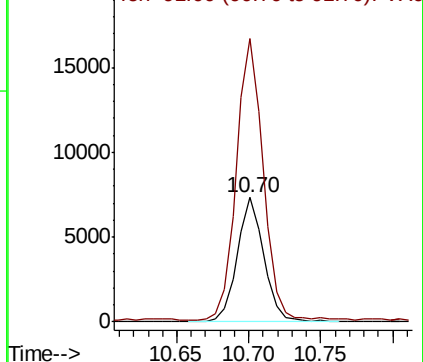


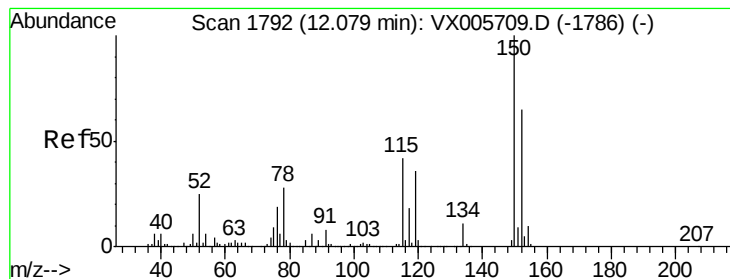
#69
o-Xylene
Concen: 3.704 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005715.D
Acq: 31 Oct 2018 19:29

Tgt Ion:106 Resp: 9418
Ion Ratio Lower Upper
106 100
91 228.1 108.5 325.5



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: VX005715.D

Acq: 31 Oct 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

SB-3ME

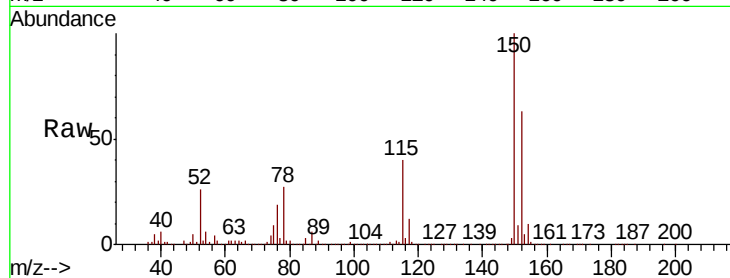
Tot Ion:152 Resp: 95849

Ion Ratio Lower Upper

152 100

115 61.0 39.4 118.1

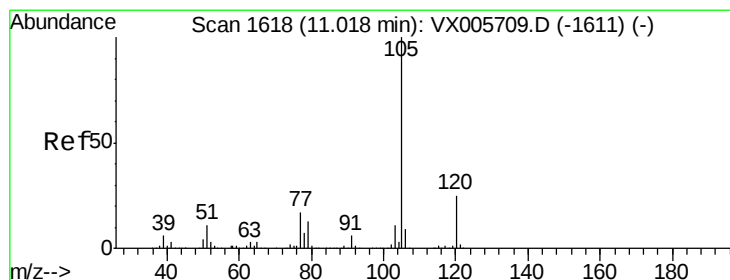
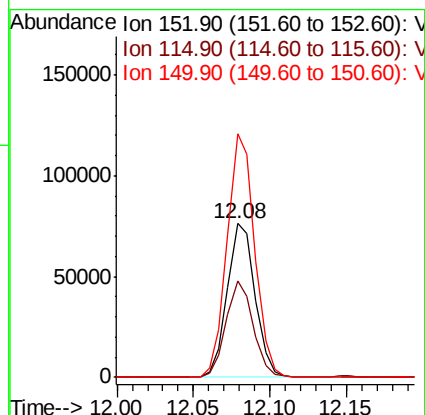
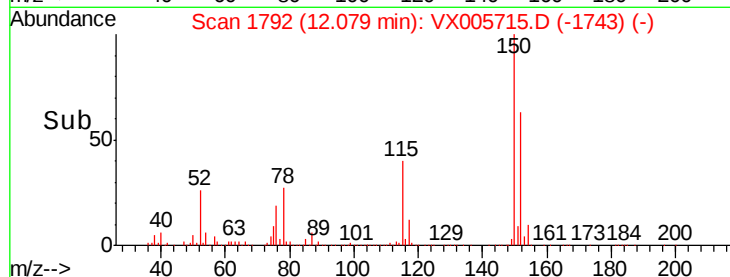
150 157.2 0.0 346.4



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



#73

Isopropylbenzene

Concen: 0.768 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005715.D

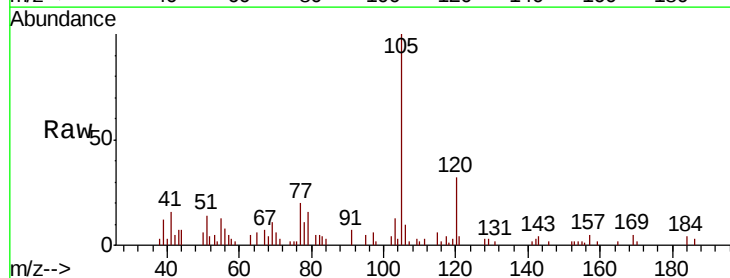
Acq: 31 Oct 2018 19:29

Tgt Ion:105 Resp: 4854

Ion Ratio Lower Upper

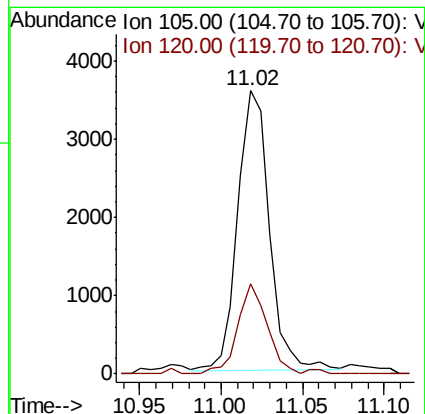
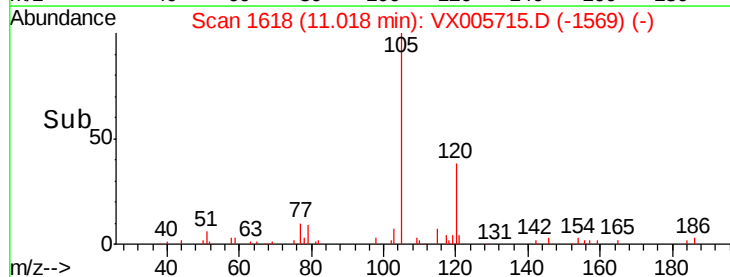
105 100

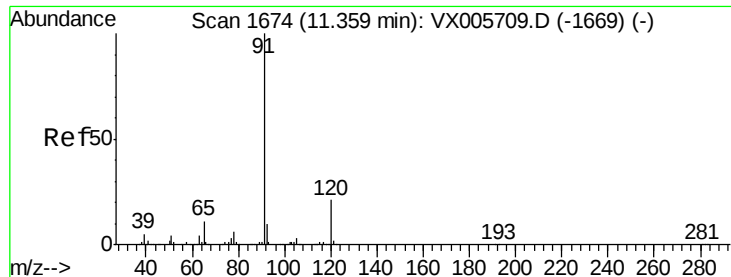
120 29.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.271 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005715.D

Acq: 31 Oct 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

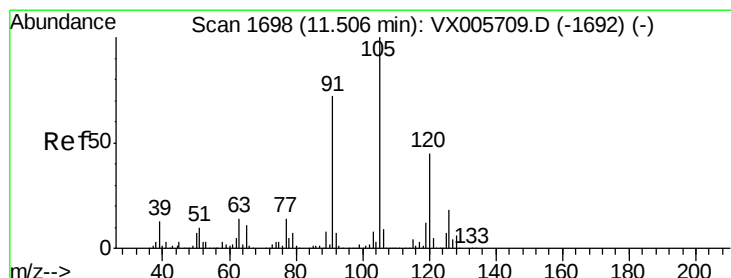
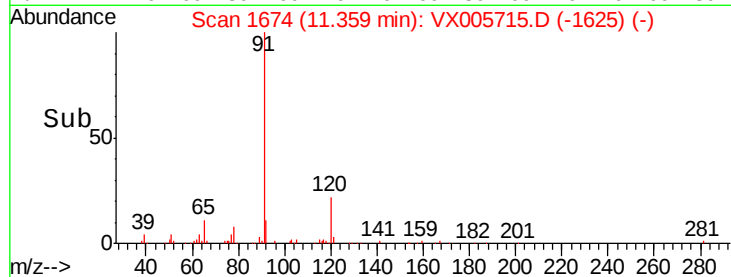
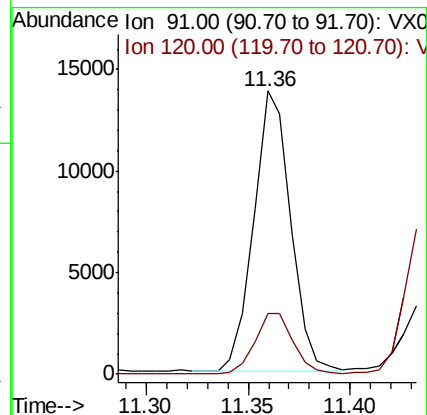
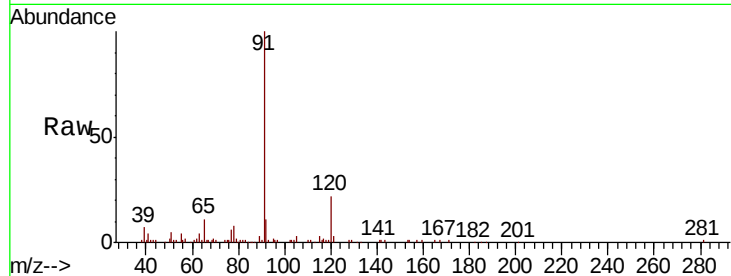
SB-3ME

Tot Ion: 91 Resp: 17467

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 1.803 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005715.D

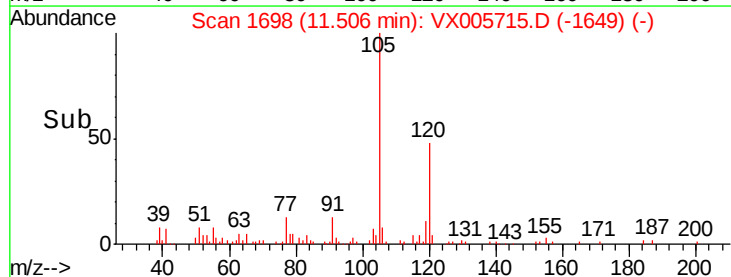
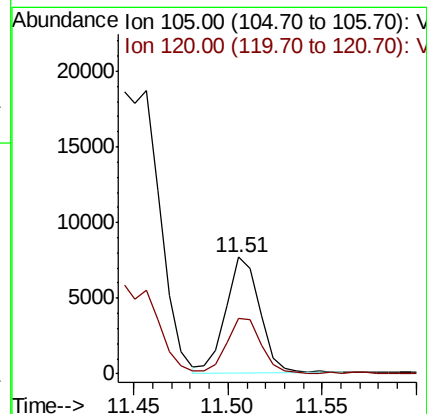
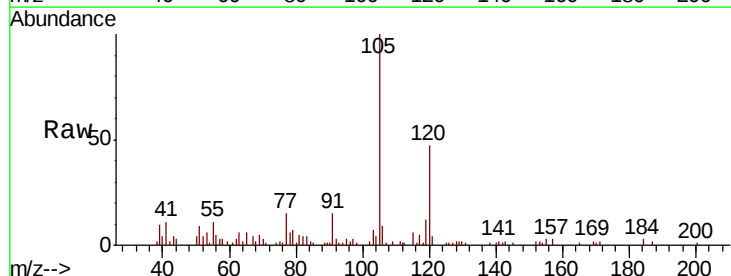
Acq: 31 Oct 2018 19:29

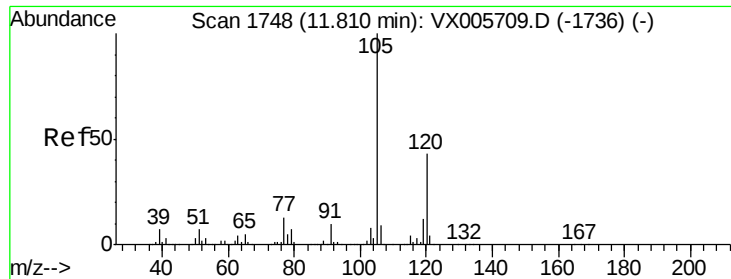
Tgt Ion: 105 Resp: 9679

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2

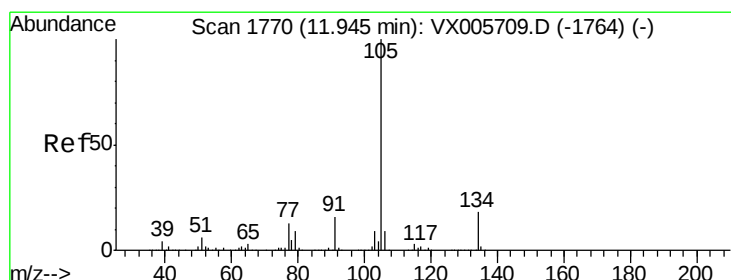
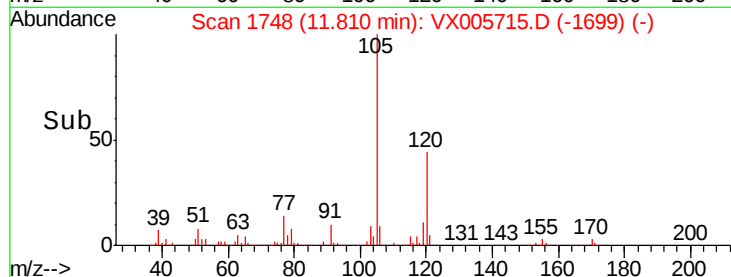
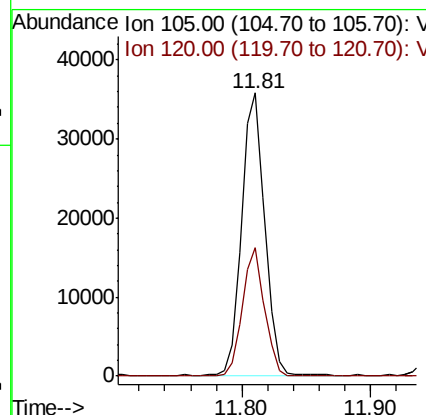
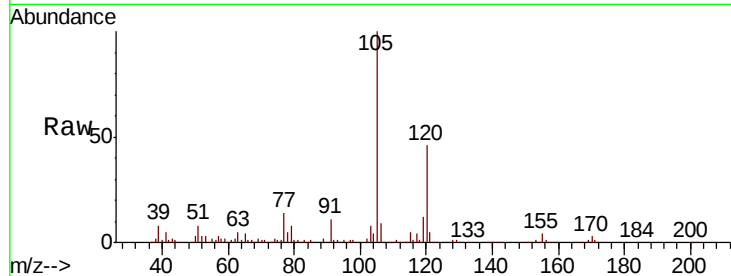




#84
 1,2,4-Trimethylbenzene
 Concen: 8.233 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005715.D
 Acq: 31 Oct 2018 19:29

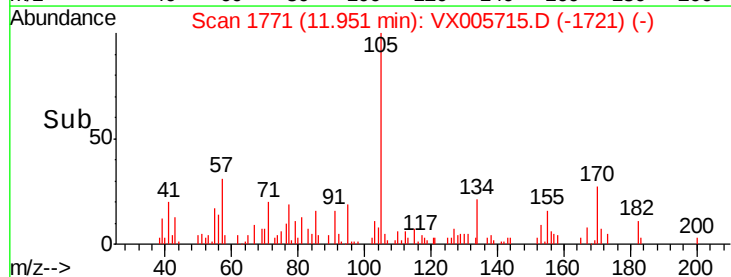
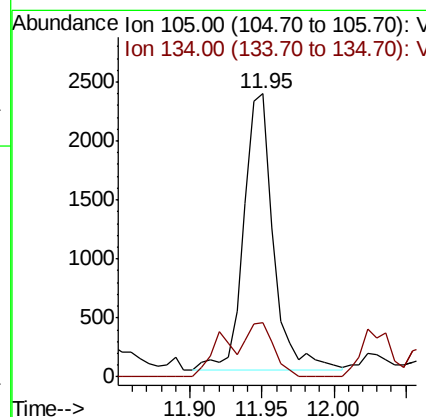
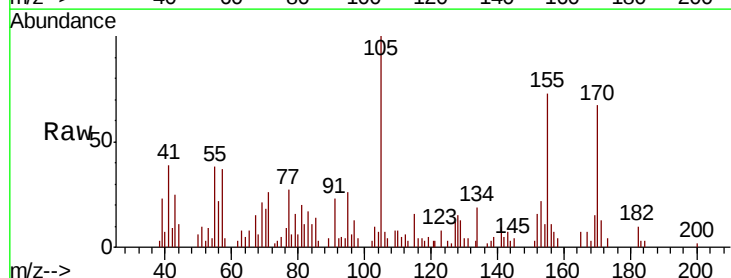
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3ME

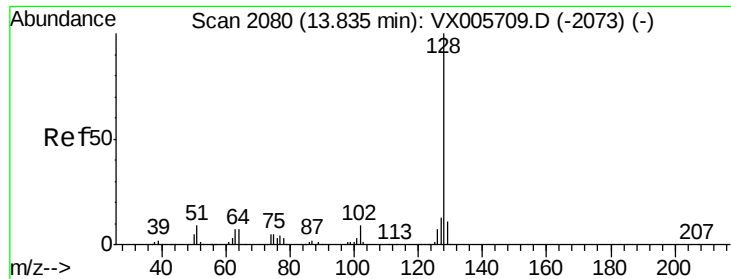
Tot Ion:105 Resp: 44637
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 0.509 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX005715.D
 Acq: 31 Oct 2018 19:29

Tgt Ion:105 Resp: 3342
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.2 30.4

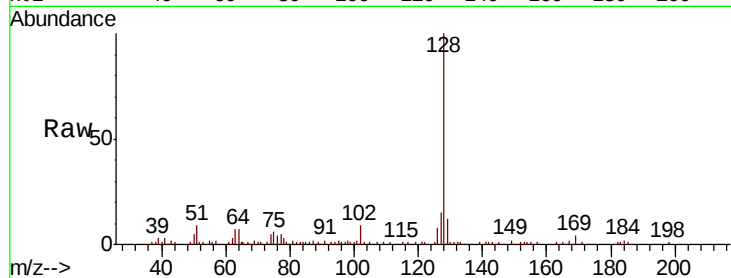




#95
Naphthalene
Concen: 2.867 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005715.D
Acq: 31 Oct 2018 19:29

Instrument :
MSVOA_X
ClientSampleId :
SB-3ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	11.6	8.7	13.1



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

