

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005006.D
 Acq On : 04 Oct 2018 08:41
 Operator : JC/MD
 Sample : J5194-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

Quant Time: Oct 04 11:45:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	455270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257863	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	205482	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	185362	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
50) Toluene-d8	8.72	98	641652	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	239123	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	

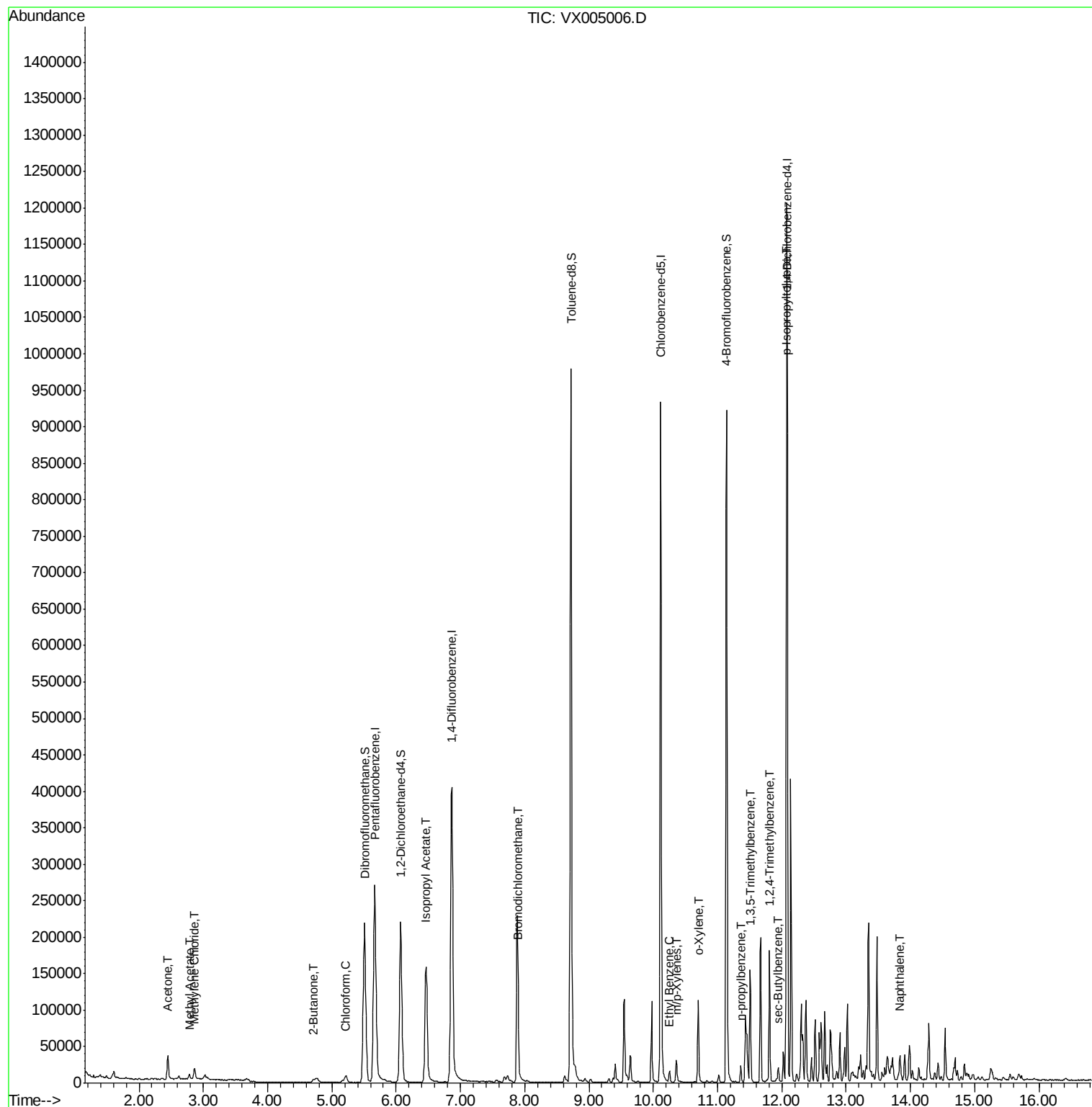
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	34617	14.681	ug/l	95
18) Methyl Acetate	2.78	43	8911	1.492	ug/l	99
20) Methylene Chloride	2.86	84	6640	1.116	ug/l #	86
25) 2-Butanone	4.70	43	7137	2.053	ug/l	93
30) Chloroform	5.22	83	10038	1.582	ug/l	97
43) Isopropyl Acetate	6.46	43	231873	22.989	ug/l	97
47) Bromodichloromethane	7.90	83	1963	0.413	ug/l #	87
67) Ethyl Benzene	10.25	91	8928	0.497	ug/l	97
68) m/p-Xylenes	10.36	106	7077	1.008	ug/l	92
69) o-Xylene	10.70	106	24728	3.833	ug/l	99
78) n-propylbenzene	11.36	91	14119	0.757	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	64830	4.171	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	82556	5.197	ug/l	99
85) sec-Butylbenzene	11.94	105	10175	0.624	ug/l	88
86) p-Isopropyltoluene	12.07	119	8083	0.547	ug/l	86
95) Naphthalene	13.83	128	21186	1.693	ug/l #	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005006.D
Acq On : 04 Oct 2018 08:41
Operator : JC/MD
Sample : J5194-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

Quant Time: Oct 04 11:45:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

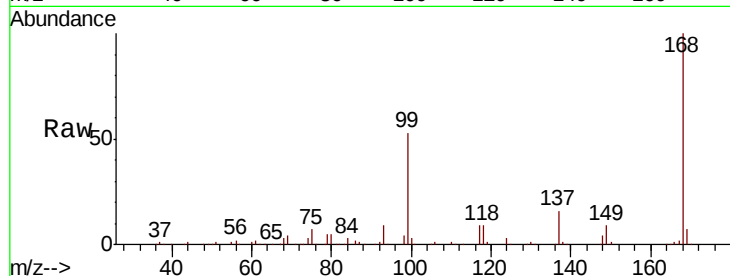
HR-06-100218-A

Tot Ion:168 Resp: 282739

Ion Ratio Lower Upper

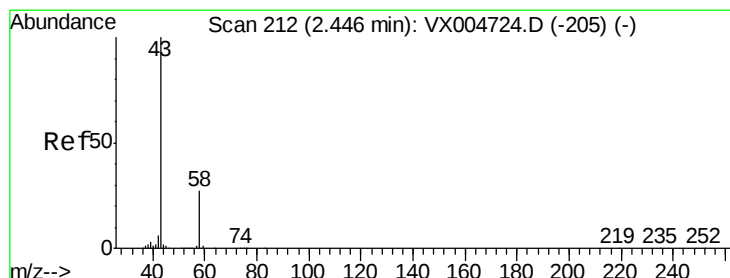
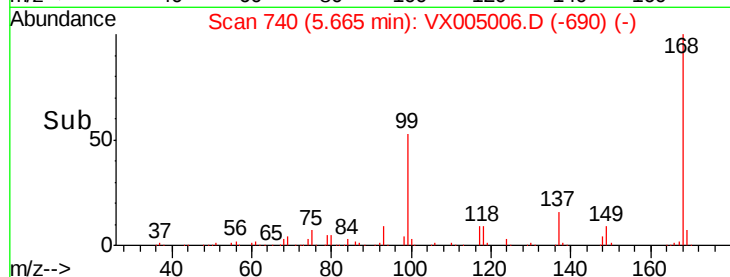
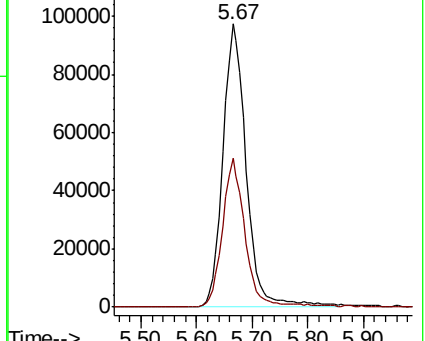
168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005006.D

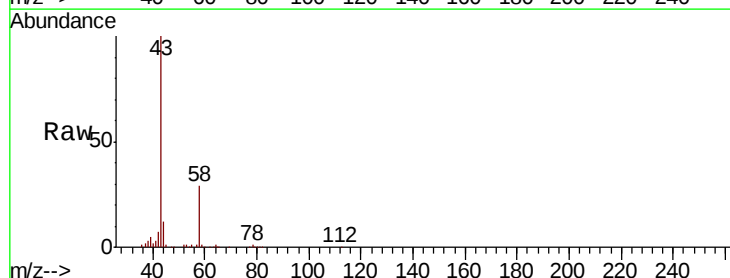
Acq: 04 Oct 2018 08:41

Tgt Ion: 43 Resp: 34617

Ion Ratio Lower Upper

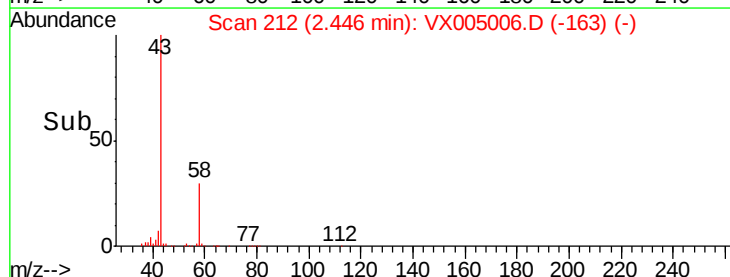
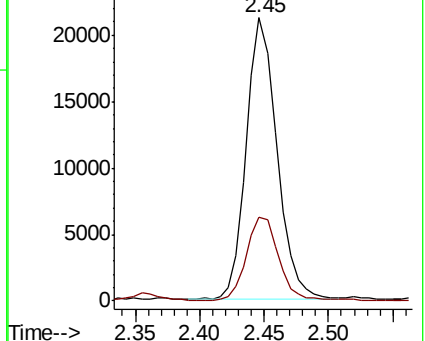
43 100

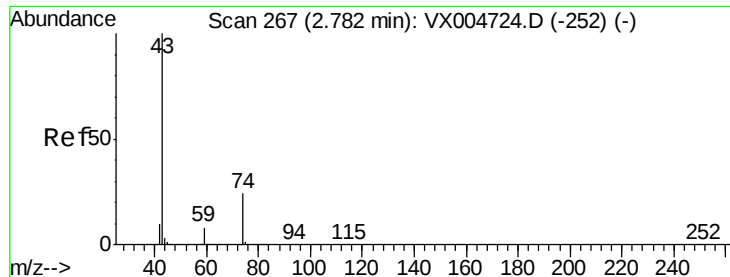
58 29.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

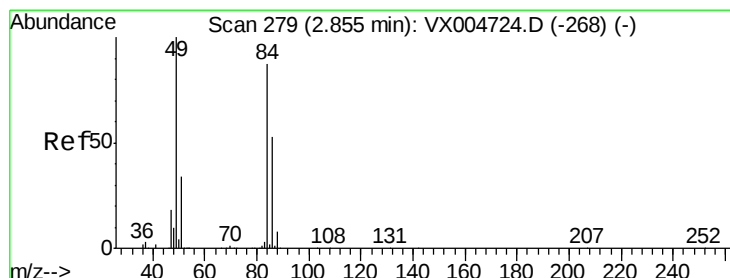
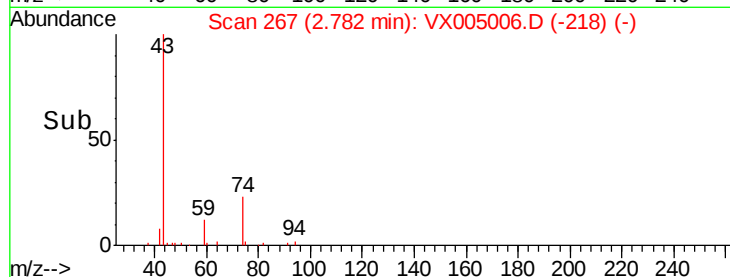
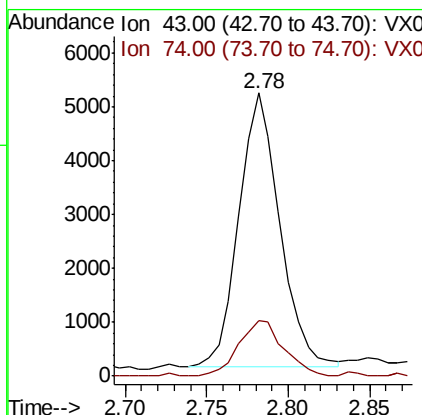
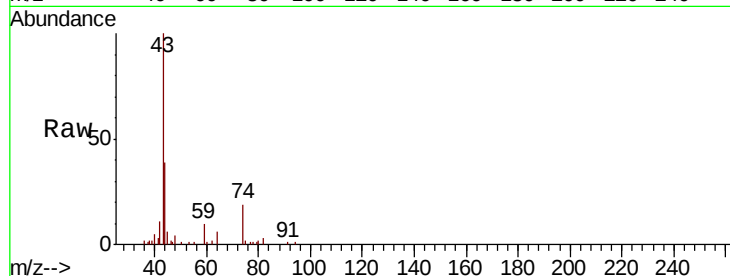




#18
Methvl Acetate
Concen: 1.492 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

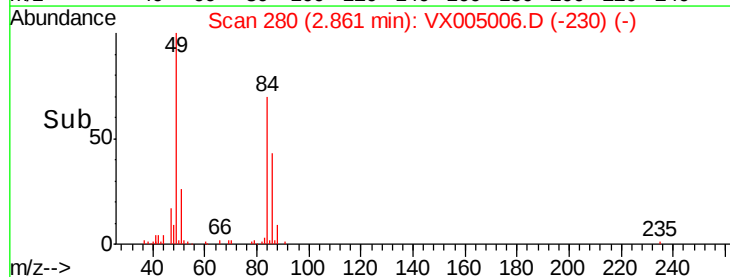
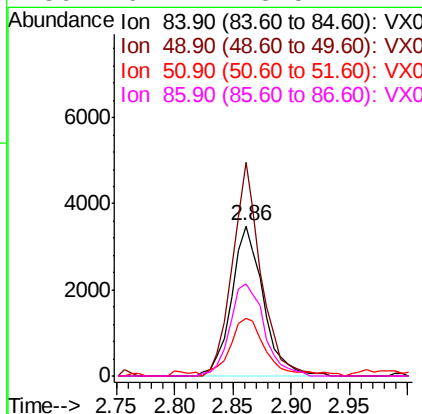
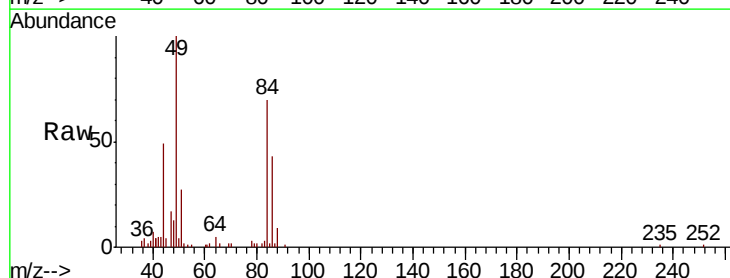
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

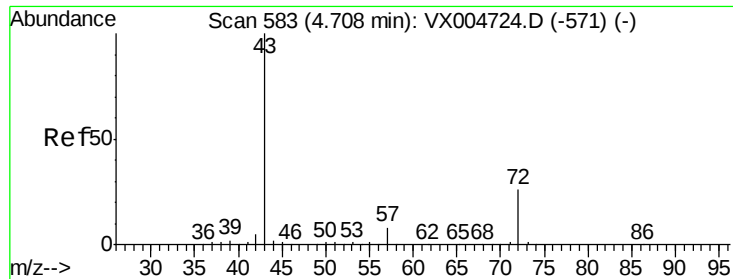
Tot Ion: 43 Resp: 8911
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 1.116 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 84 Resp: 6640
Ion Ratio Lower Upper
84 100
49 142.1 92.3 138.5#
51 37.2 31.8 47.6
86 61.7 48.5 72.7

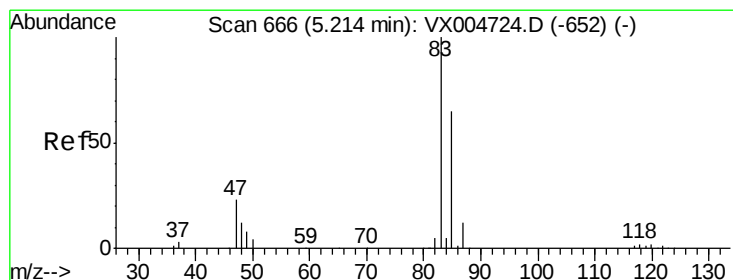
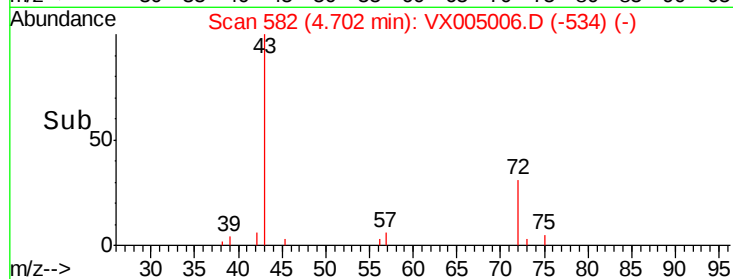
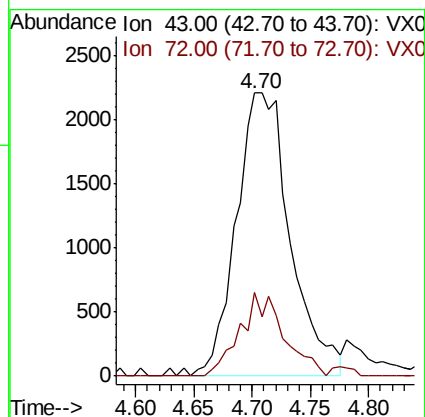
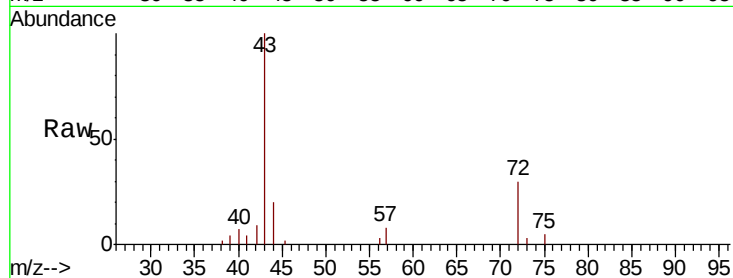




#25
2-Butanone
Concen: 2.053 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

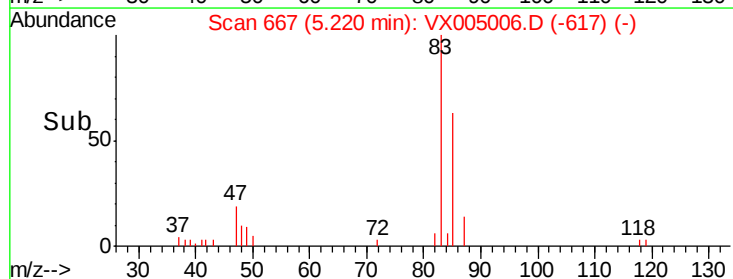
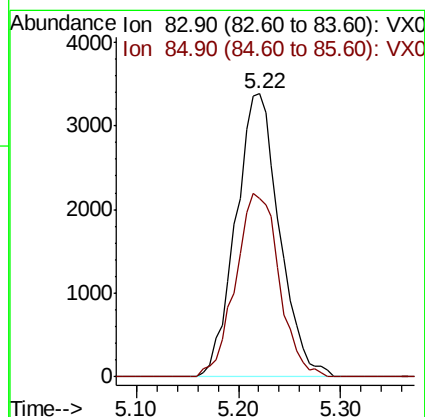
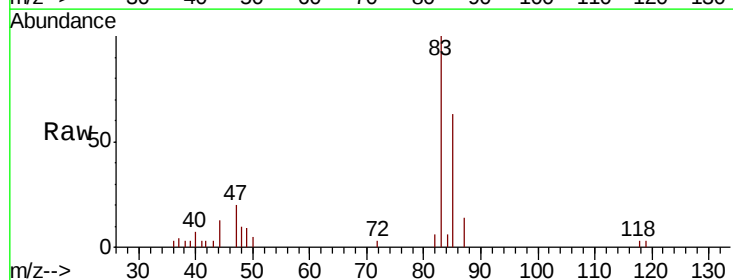
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

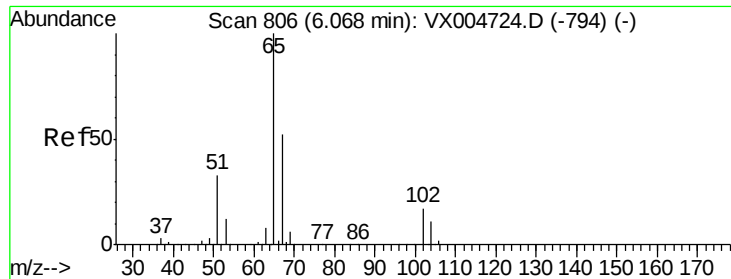
Tot Ion: 43 Resp: 7137
Ion Ratio Lower Upper
43 100
72 29.6 20.8 31.2



#30
Chloroform
Concen: 1.582 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 83 Resp: 10038
Ion Ratio Lower Upper
83 100
85 62.9 52.4 78.6

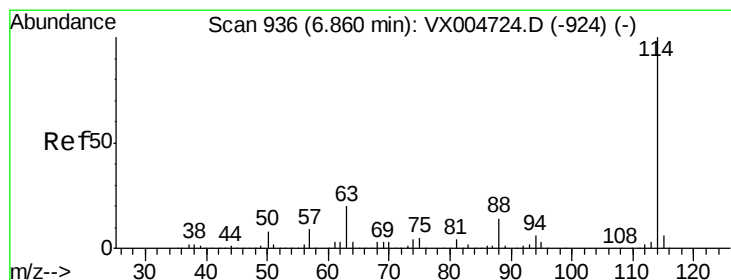
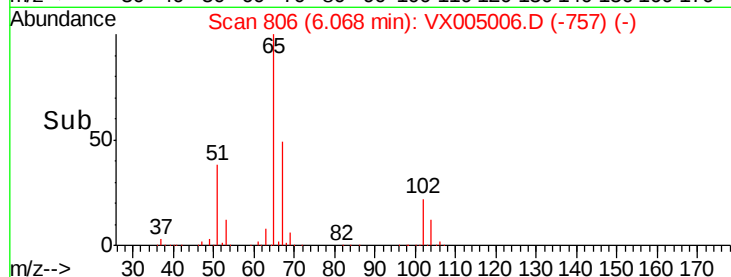
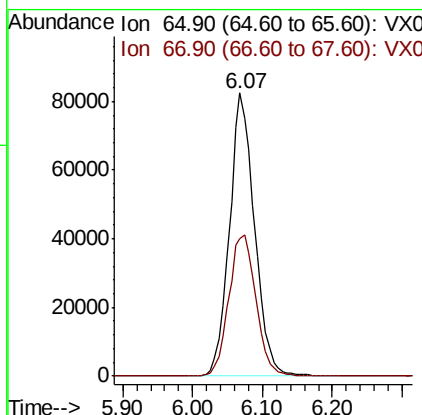
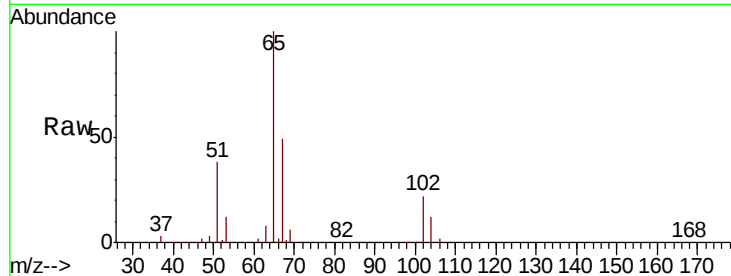




#33
 1,2-Dichloroethane-d4
 Concen: 50.875 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

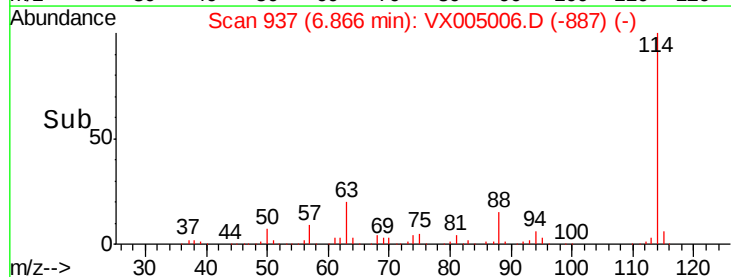
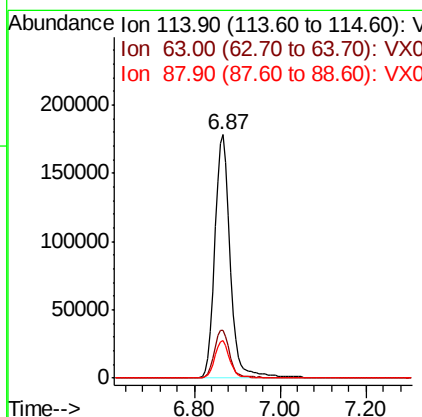
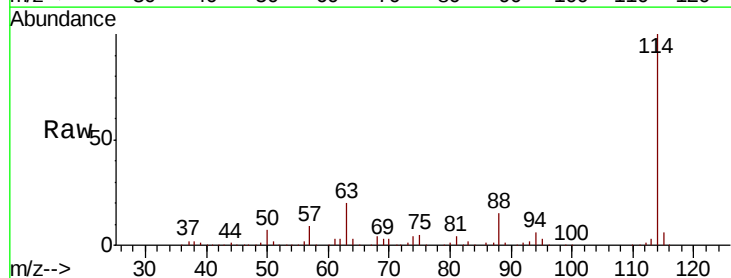
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

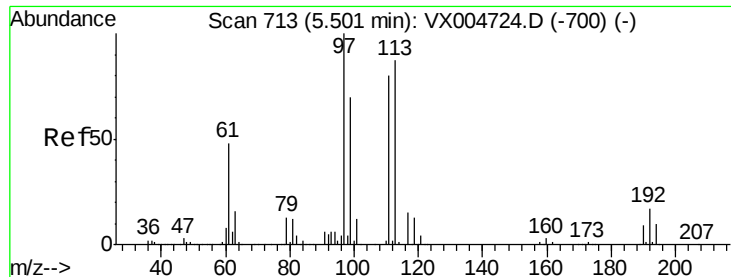
Tot Ion: 65 Resp: 205482
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Tgt Ion: 114 Resp: 455270
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 27.0

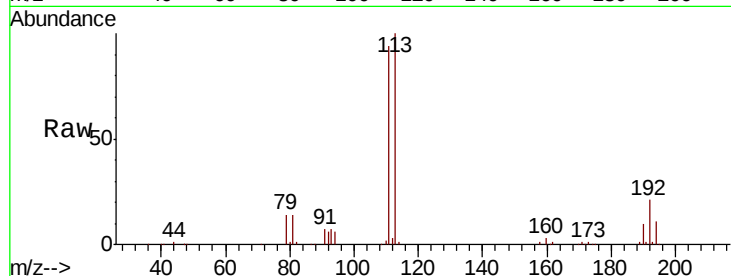




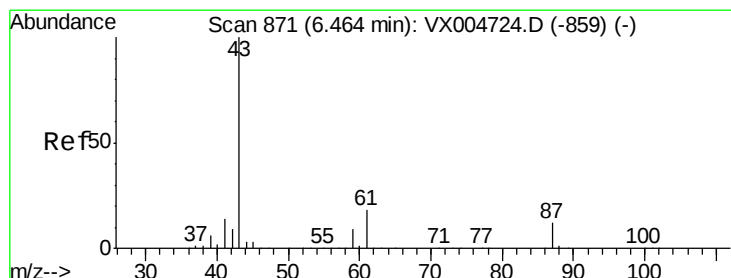
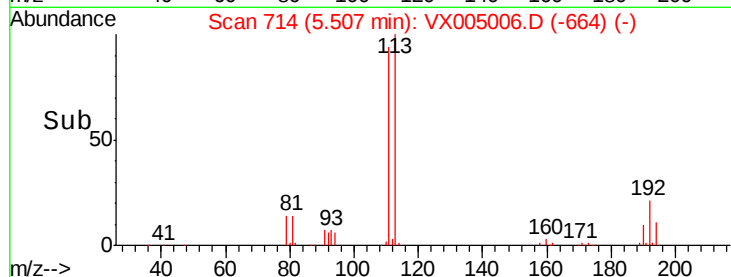
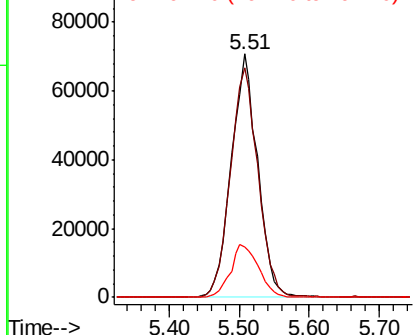
#35
 Dibromofluoromethane
 Concen: 48.040 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

Tot Ion:113 Resp: 185362
 Ion Ratio Lower Upper
 113 100
 111 98.6 77.0 115.4
 192 22.9 17.0 25.6

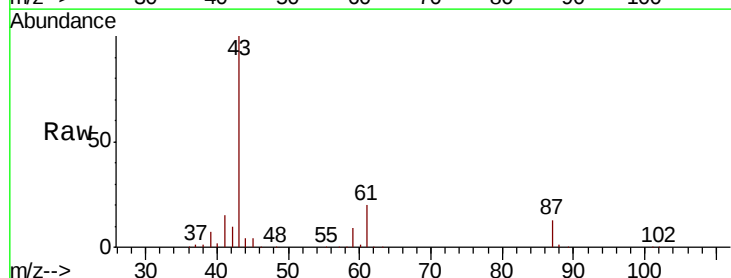


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

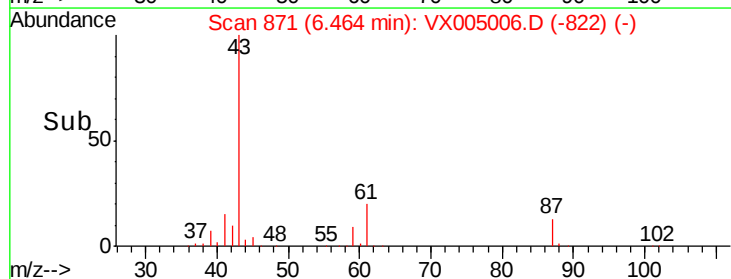
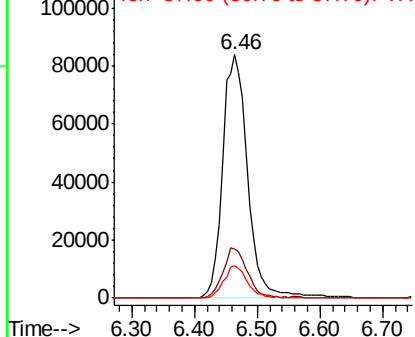


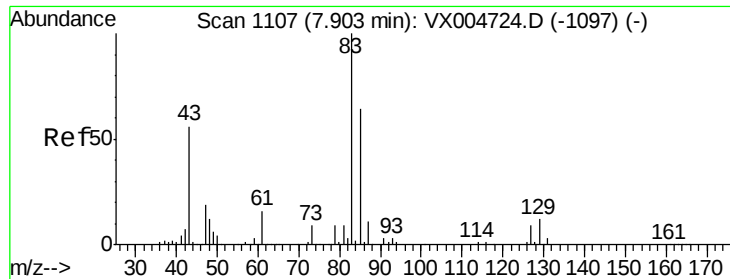
#43
 Isopropyl Acetate
 Concen: 22.989 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Tgt Ion: 43 Resp: 231873
 Ion Ratio Lower Upper
 43 100
 61 19.7 14.2 21.4
 87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.413 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

HR-06-100218-A

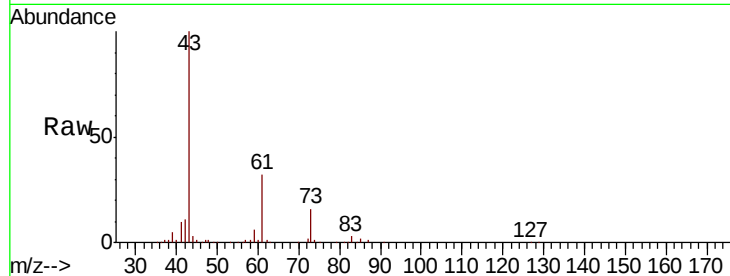
Tot Ion: 83 Resp: 1963

Ion Ratio Lower Upper

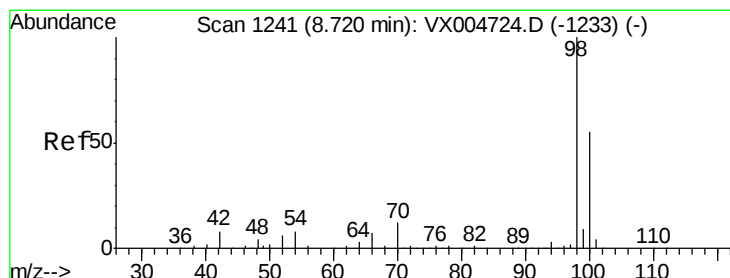
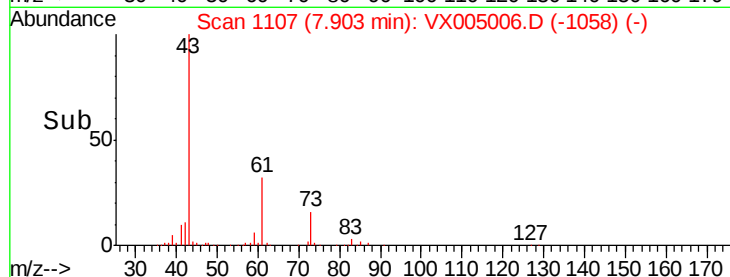
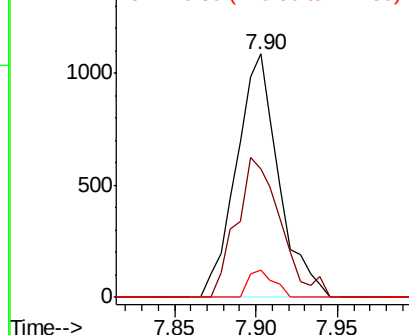
83 100

85 52.9 51.2 76.8

127 11.0 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 50.022 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005006.D

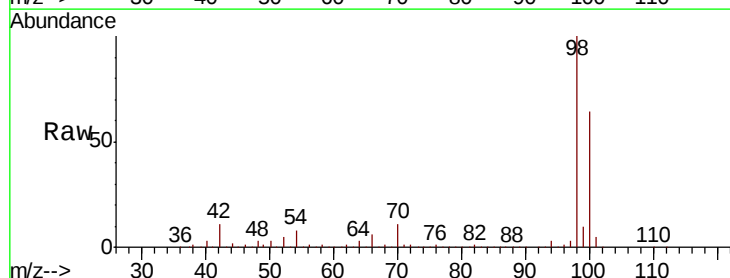
Acq: 04 Oct 2018 08:41

Tgt Ion: 98 Resp: 641652

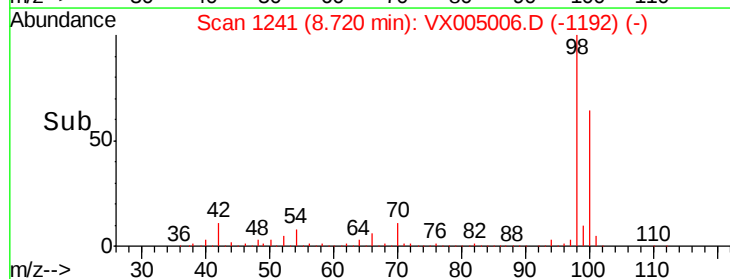
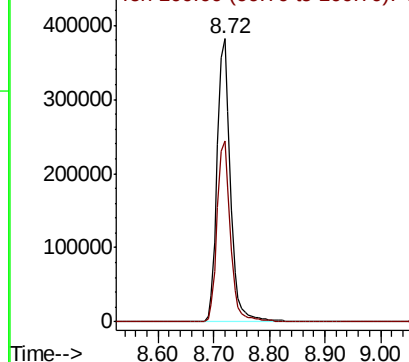
Ion Ratio Lower Upper

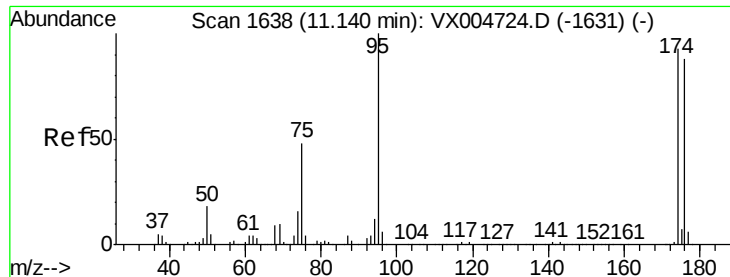
98 100

100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

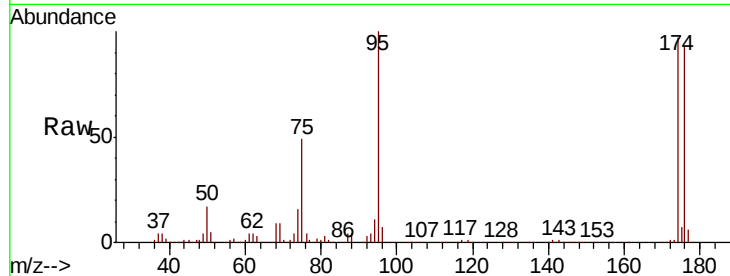




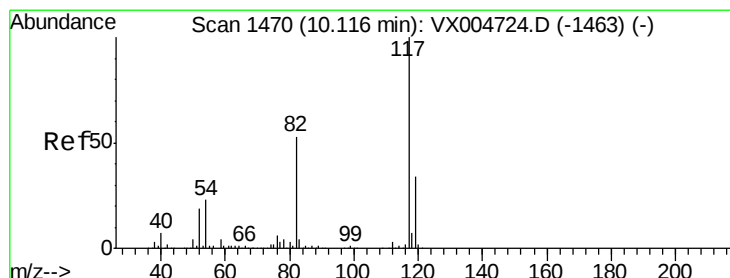
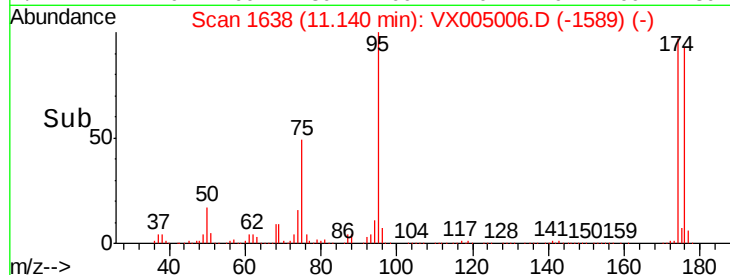
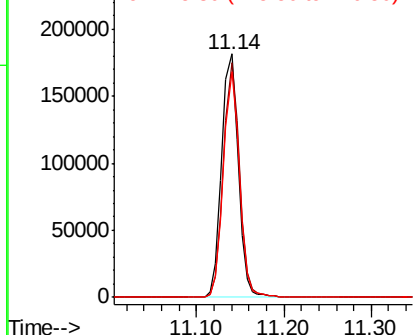
#62
4-Bromofluorobenzene
Concen: 51.745 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

Tot Ion: 95 Resp: 239123
Ion Ratio Lower Upper
95 100
174 93.4 0.0 185.0
176 89.7 0.0 180.2

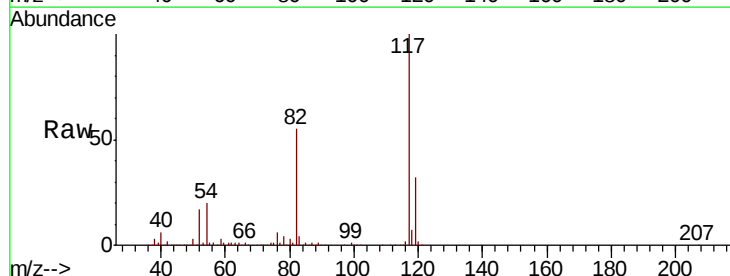


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

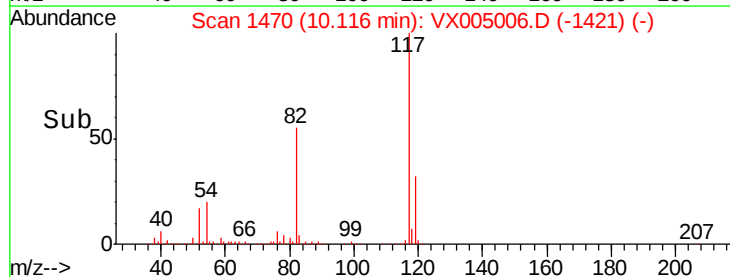
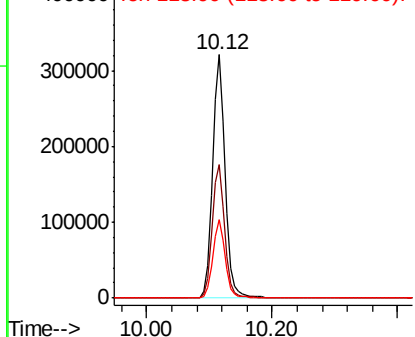


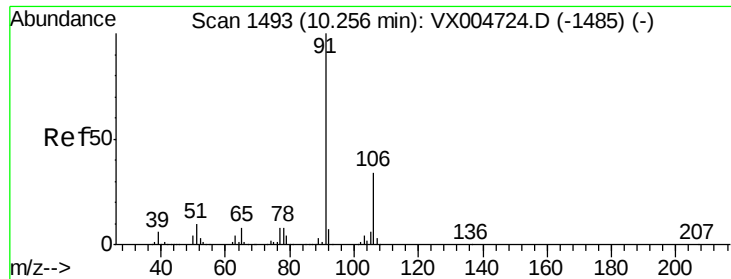
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 117 Resp: 441537
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.2 27.4 41.0



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

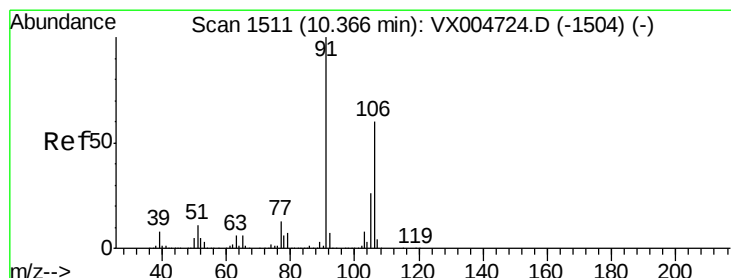
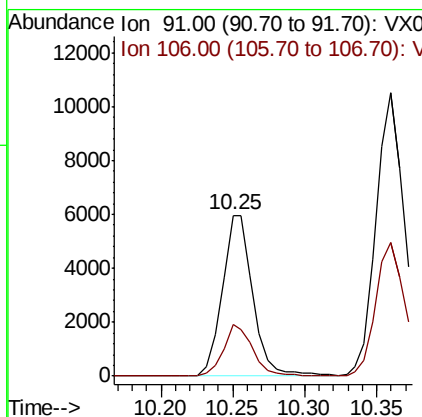
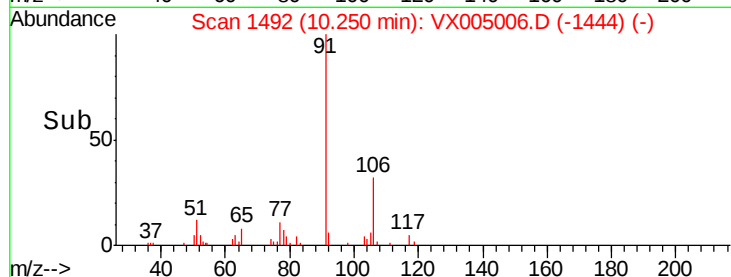
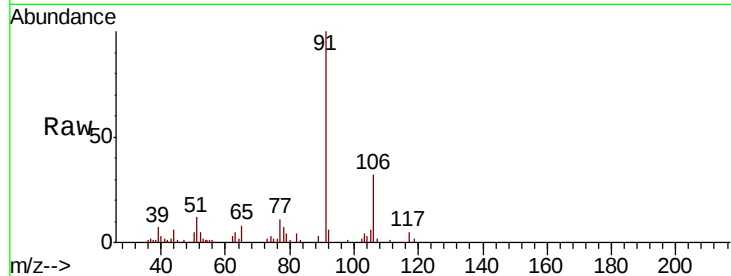




#67
Ethyl Benzene
Concen: 0.497 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

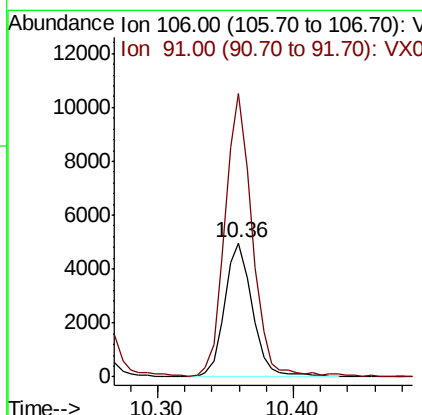
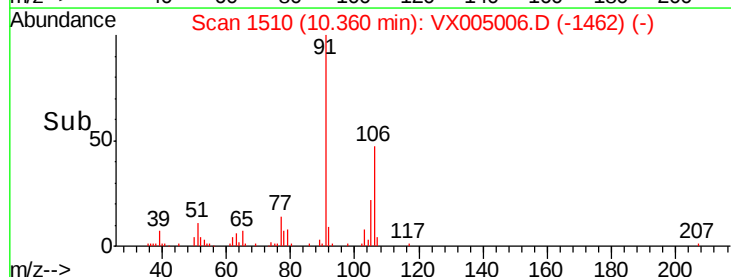
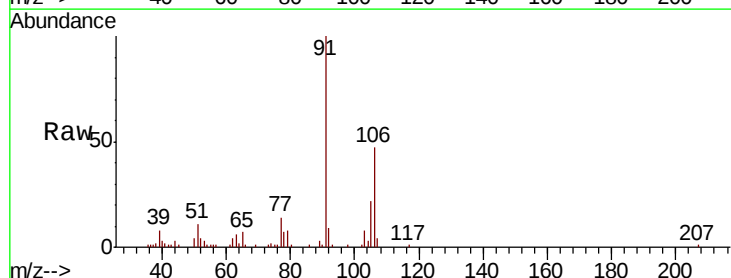
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

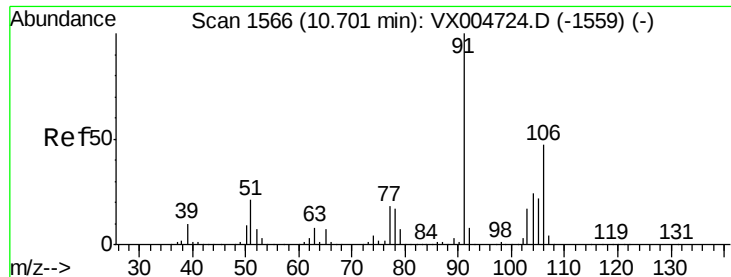
Tot Ion: 91 Resp: 8928
Ion Ratio Lower Upper
91 100
106 32.1 26.9 40.3



#68
m/p-Xylenes
Concen: 1.008 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 106 Resp: 7077
Ion Ratio Lower Upper
106 100
91 209.0 157.5 236.3

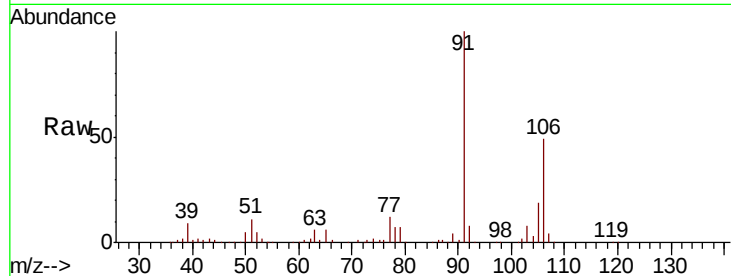




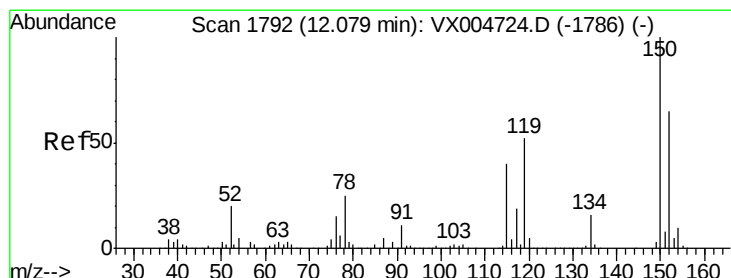
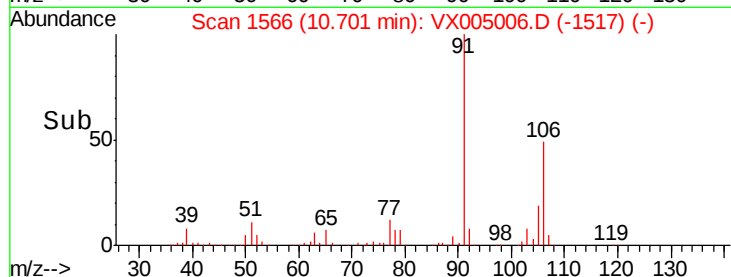
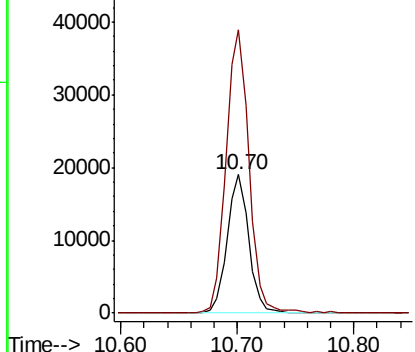
#69
o-Xylene
Concen: 3.833 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Instrument :
MSVOA_X
ClientSampled :
HR-06-100218-A

Tot Ion:106 Resp: 24728
Ion Ratio Lower Upper
106 100
91 214.7 108.3 324.8

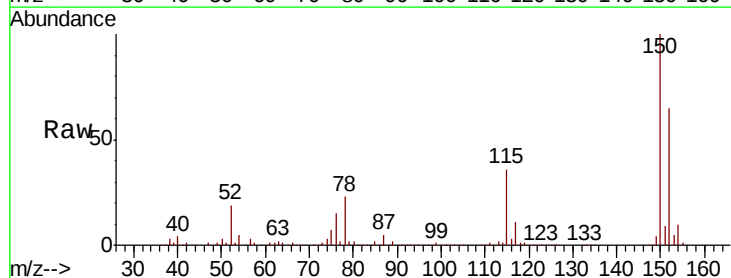


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

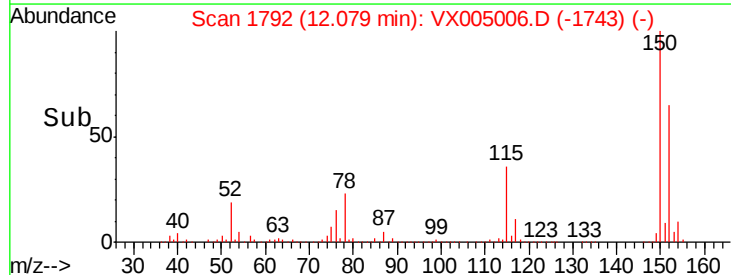
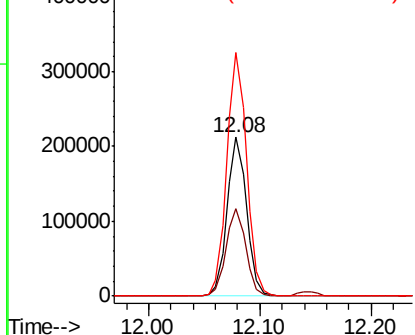


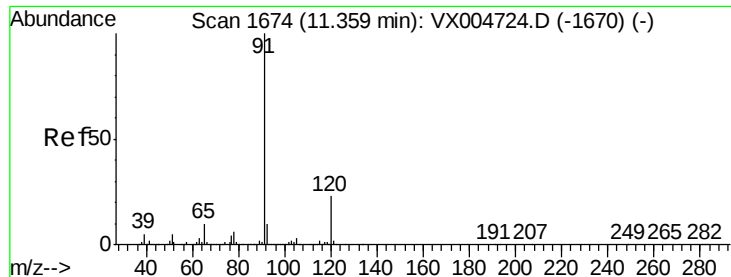
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion:152 Resp: 257863
Ion Ratio Lower Upper
152 100
115 55.4 40.2 120.6
150 155.5 0.0 351.0



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





#78

n-propylbenzene

Concen: 0.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

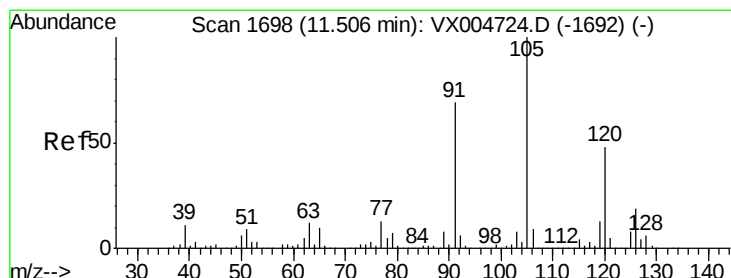
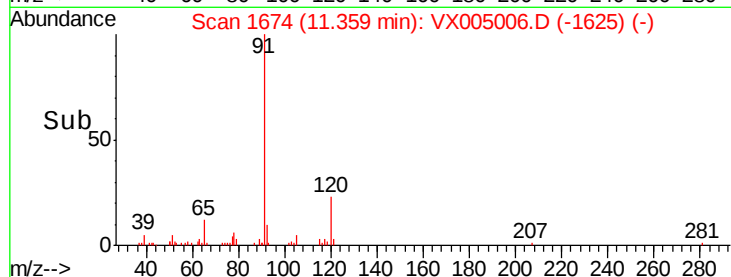
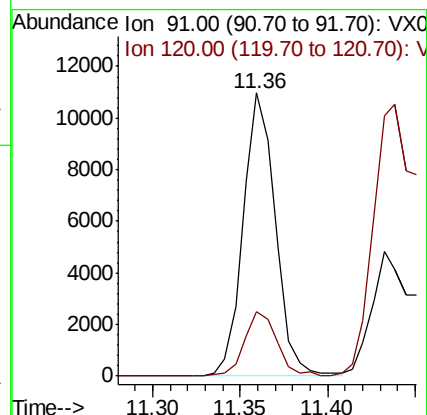
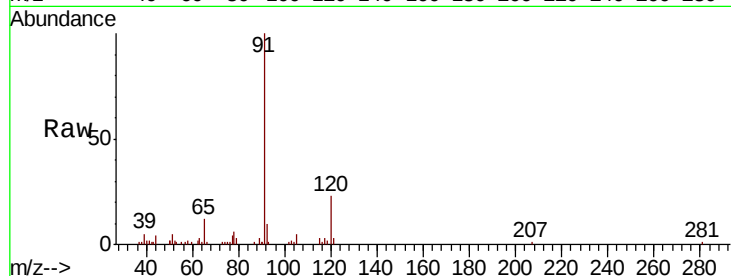
HR-06-100218-A

Tot Ion: 91 Resp: 14119

Ion Ratio Lower Upper

91 100

120 22.9 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 4.171 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005006.D

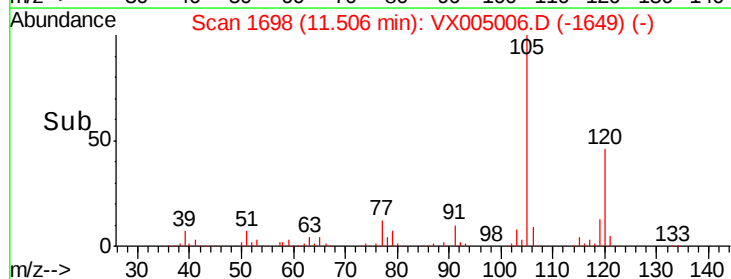
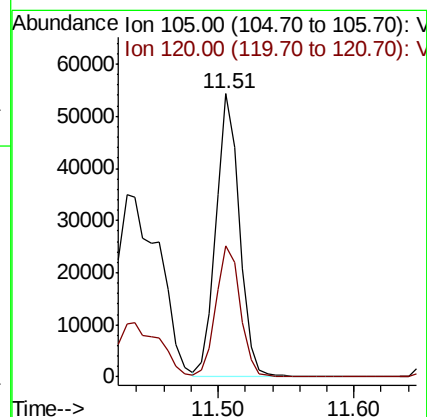
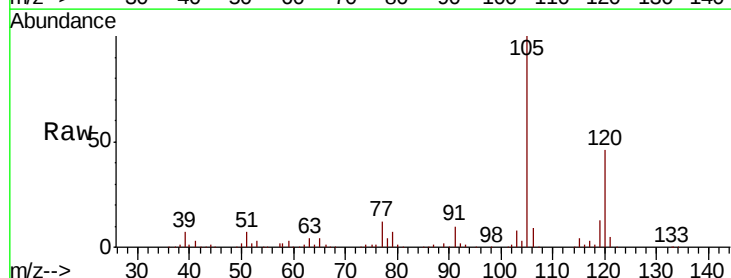
Acq: 04 Oct 2018 08:41

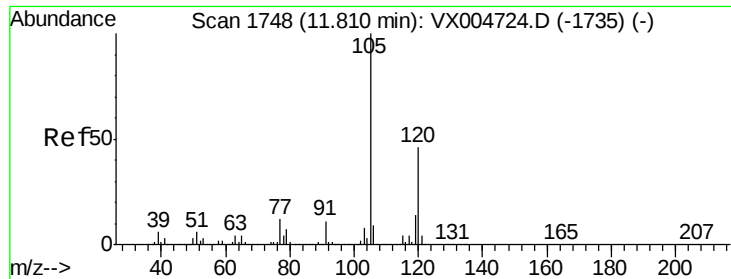
Tgt Ion: 105 Resp: 64830

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 5.197 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

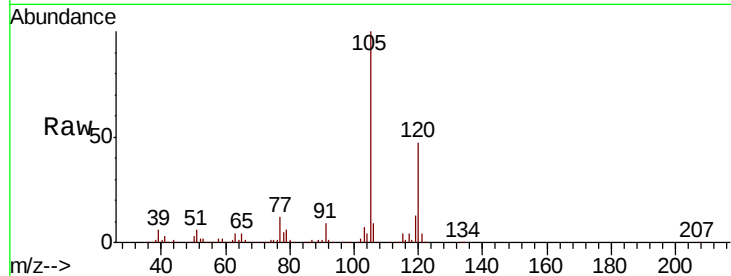
HR-06-100218-A

Tot Ion:105 Resp: 82556

Ion Ratio Lower Upper

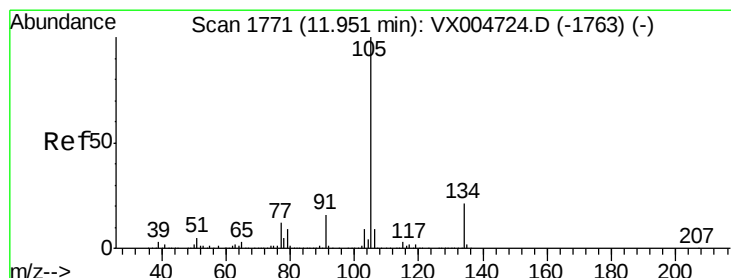
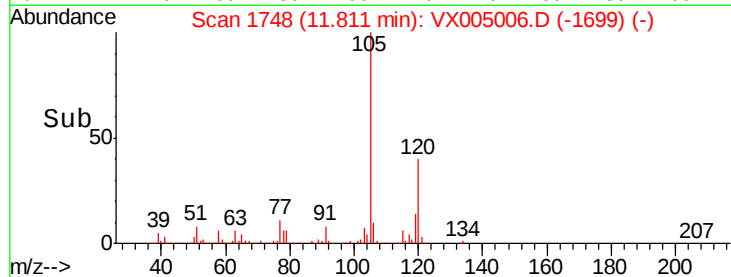
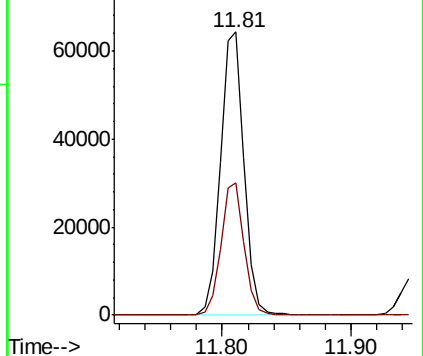
105 100

120 45.9 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.624 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005006.D

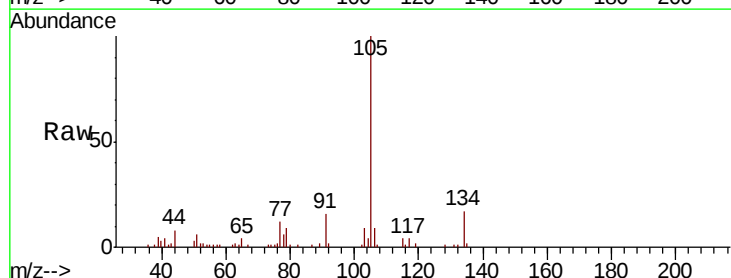
Acq: 04 Oct 2018 08:41

Tgt Ion:105 Resp: 10175

Ion Ratio Lower Upper

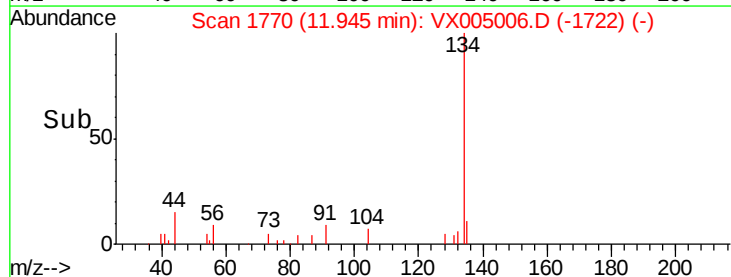
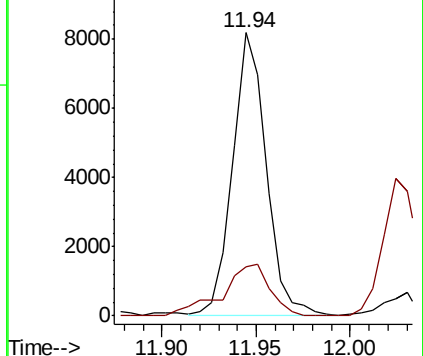
105 100

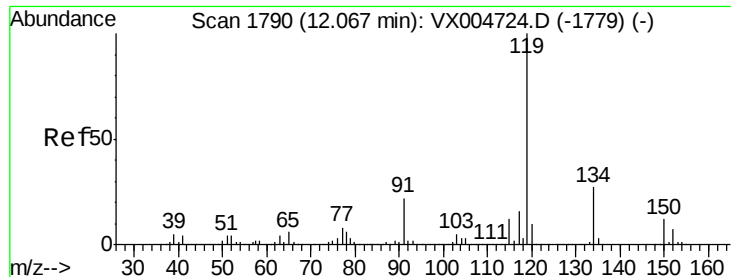
134 25.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

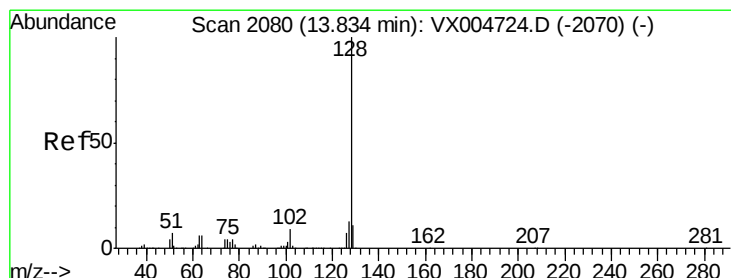
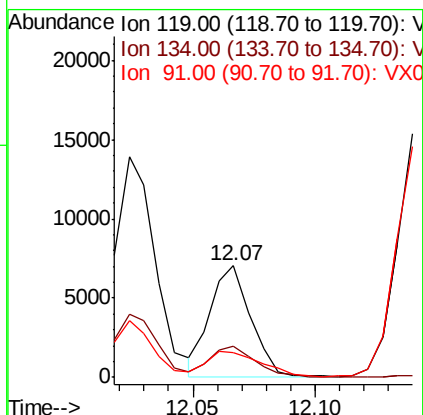
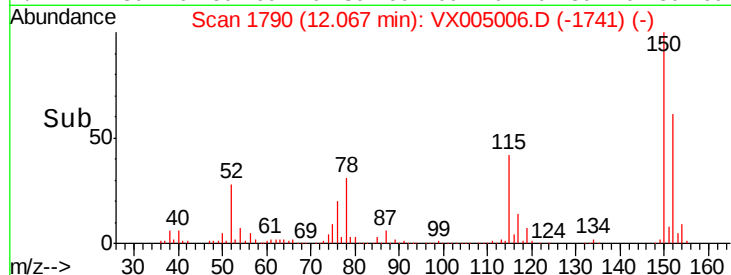
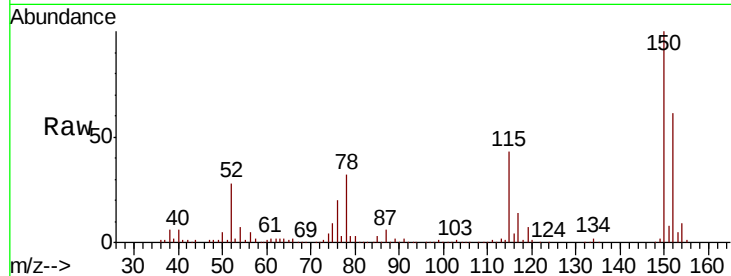




#86
p-Isopropyltoluene
Concen: 0.547 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Instrument :
MSVOA_X
ClientSampled :
HR-06-100218-A

Tot Ion:119 Resp: 8083
Ion Ratio Lower Upper
119 100
134 31.8 13.4 40.1
91 31.8 11.5 34.4



#95
Naphthalene
Concen: 1.693 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion:128 Resp: 21186
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 13.9 8.7 13.1#

