

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004959.D
 Acq On : 03 Oct 2018 10:40
 Operator : JC/MD
 Sample : J5084-07 10X
 Misc : 4.90µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-10(13-13.5)

Quant Time: Oct 03 14:57:37 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

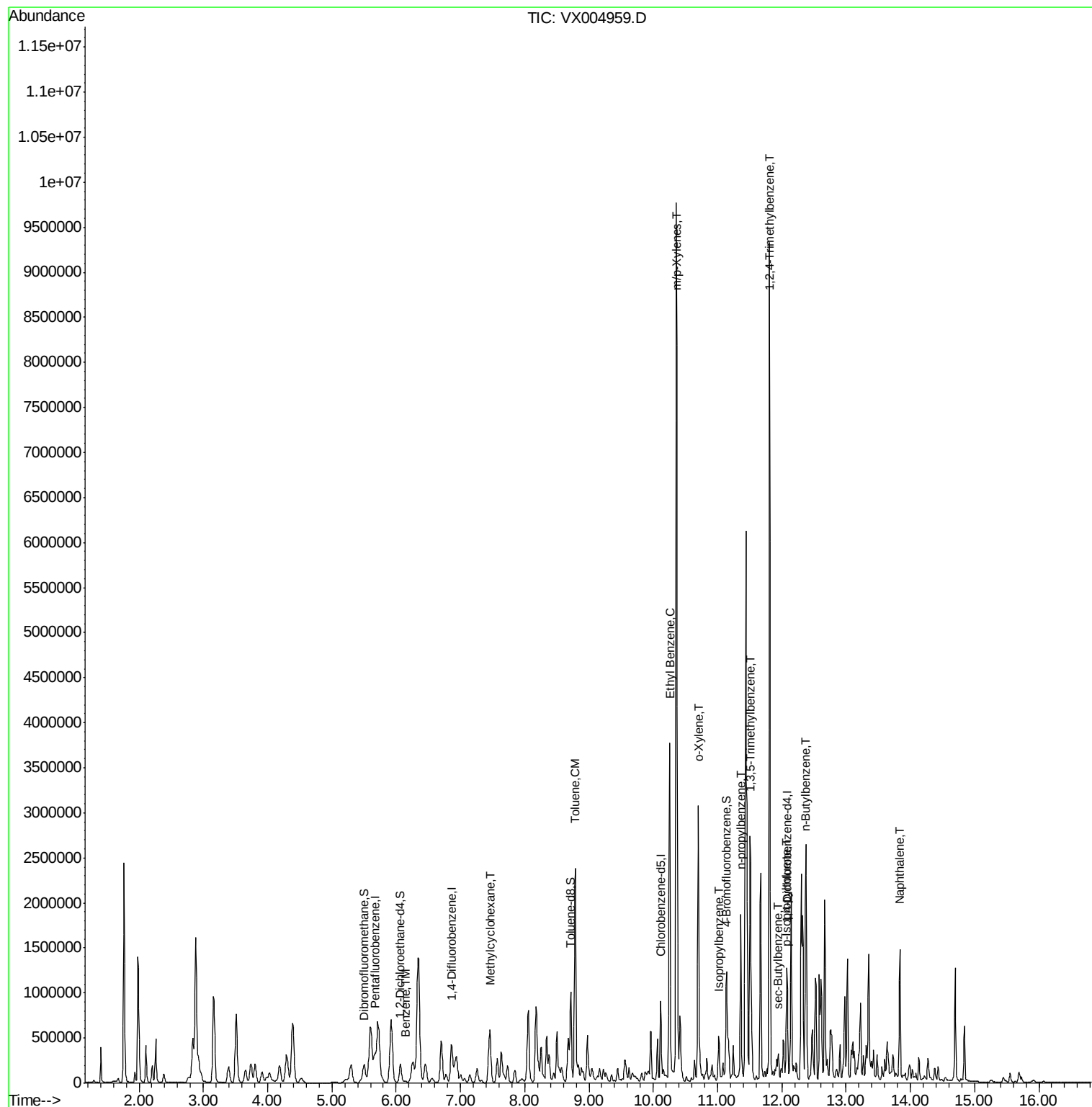
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285715	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	436467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	188910	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	5.51	113	159713	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	
50) Toluene-d8	8.71	98	622666	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.14	95	244921	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	248020	48.126	ug/l	90
40) Benzene	6.14	78	19370	1.226	ug/l	94
52) Toluene	8.79	92	941096	108.395	ug/l	98
67) Ethyl Benzene	10.26	91	2309324	135.306	ug/l	97
68) m/p-Xylenes	10.36	106	2345959	351.747	ug/l	98
69) o-Xylene	10.70	106	685543	111.910	ug/l	99
73) Isopropylbenzene	11.02	105	254734	15.871	ug/l	99
78) n-propylbenzene	11.36	91	1161088	63.050	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1185583	80.717	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	3988515	263.760	ug/l	99
85) sec-Butylbenzene	11.94	105	124480	7.734	ug/l	99
86) p-Isopropyltoluene	12.07	119	55058	3.776	ug/l	95
89) n-Butylbenzene	12.38	91	422880	31.930	ug/l #	33
95) Naphthalene	13.83	128	873030	41.345	ug/l	100

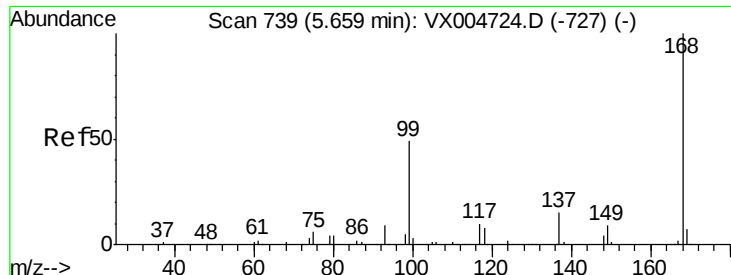
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 741

Delta R.T. 0.01 min

Lab File: VX004959.D

Acq: 03 Oct 2018 10:40

Instrument :

MSVOA_X

ClientSampleId :

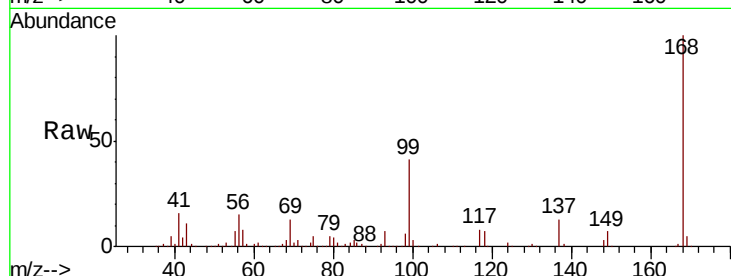
B-10(13-13.5)

Tot Ion:168 Resp: 285715

Ion Ratio Lower Upper

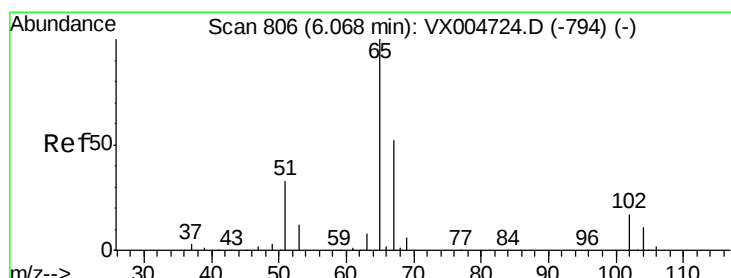
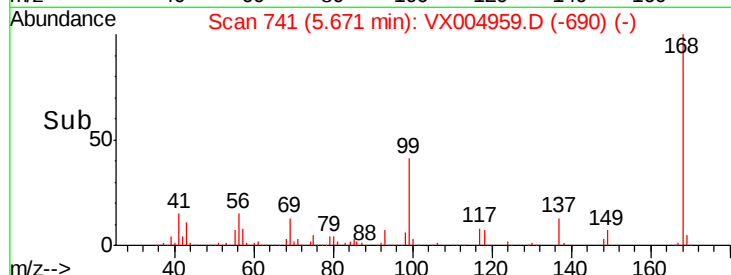
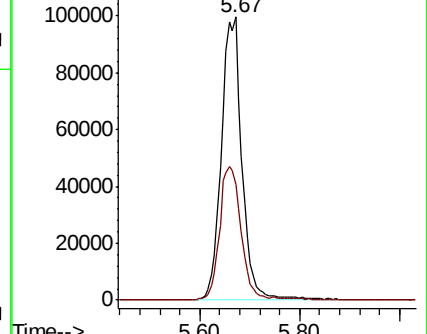
168 100

99 40.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.285 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004959.D

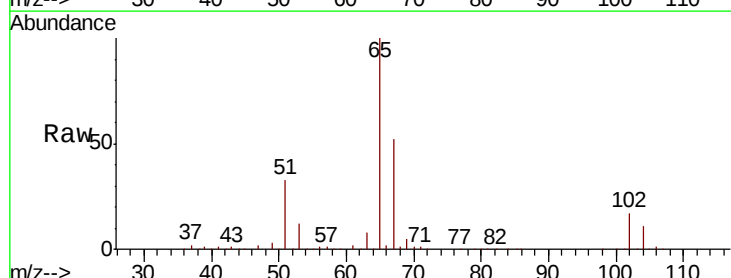
Acq: 03 Oct 2018 10:40

Tgt Ion: 65 Resp: 188910

Ion Ratio Lower Upper

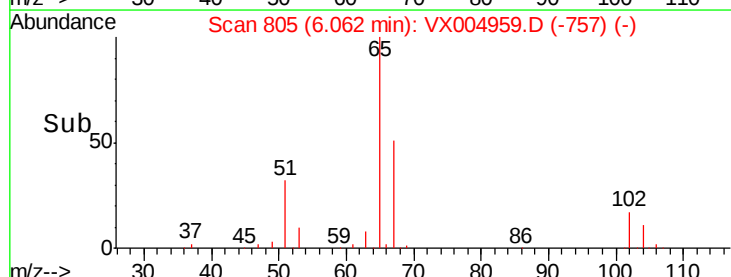
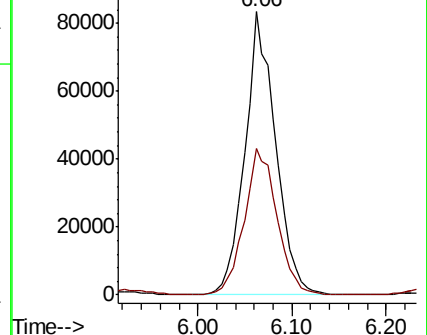
65 100

67 55.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

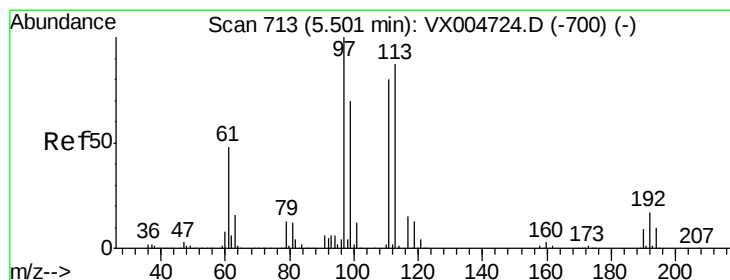
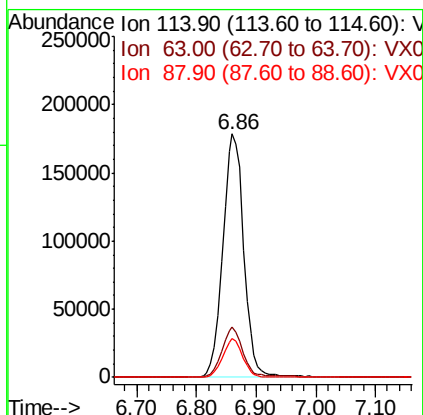
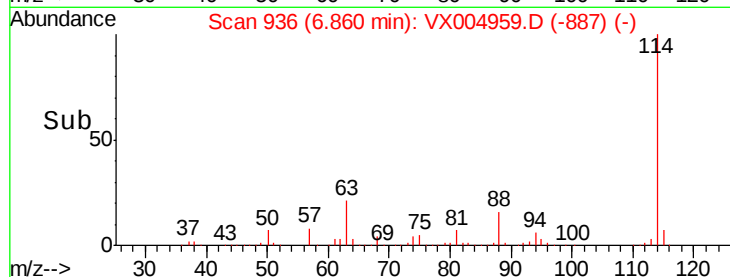
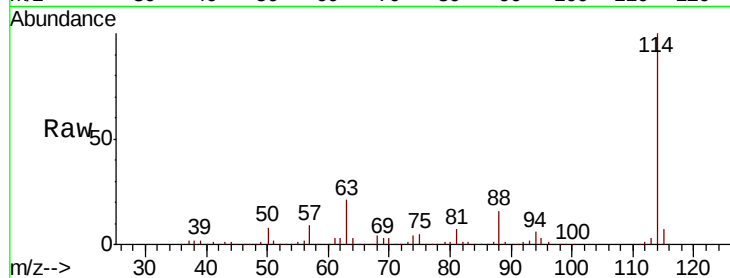




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004959.D
 Acq: 03 Oct 2018 10:40

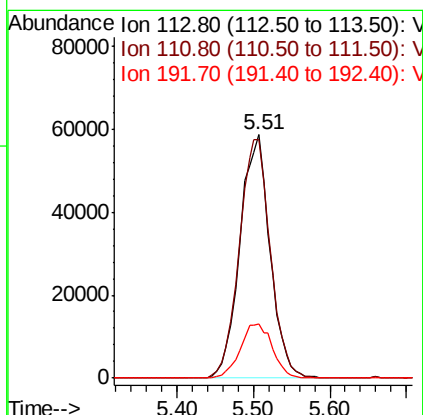
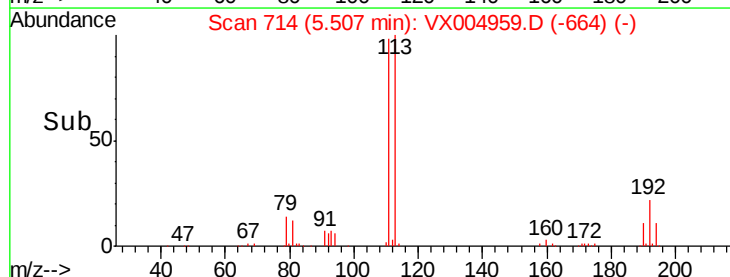
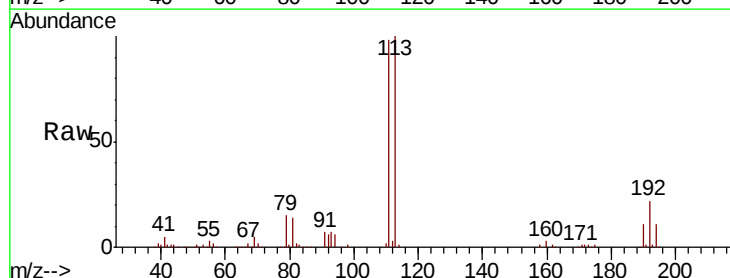
Instrument :
 MSVOA_X
 ClientSampleId :
 B-10(13-13.5)

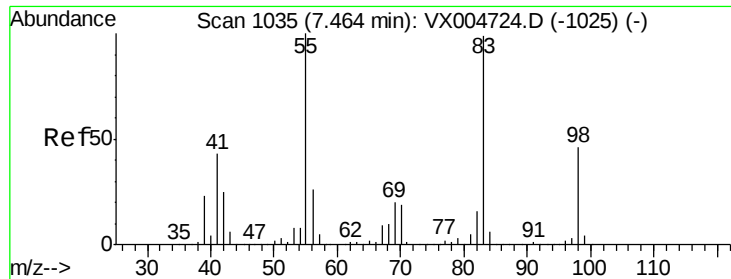
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	16.2	0.0	27.0



#35
 Dibromofluoromethane
 Concen: 43.176 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004959.D
 Acq: 03 Oct 2018 10:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	77.0	115.4
192	23.9	17.0	25.6

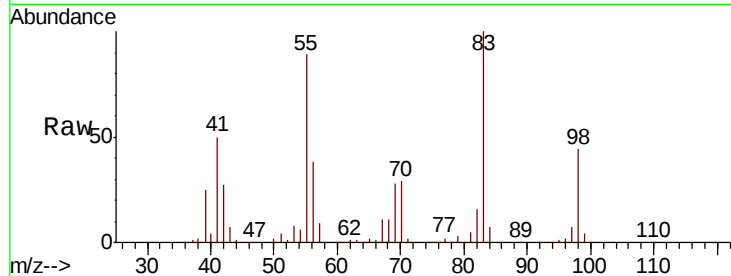




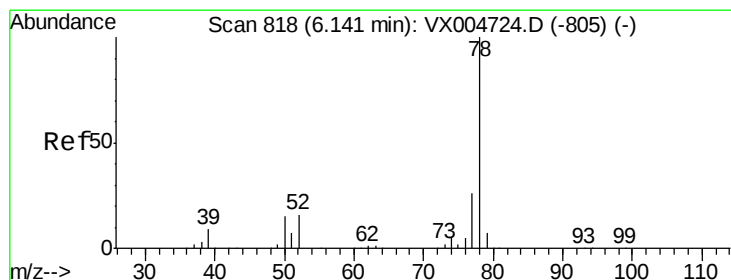
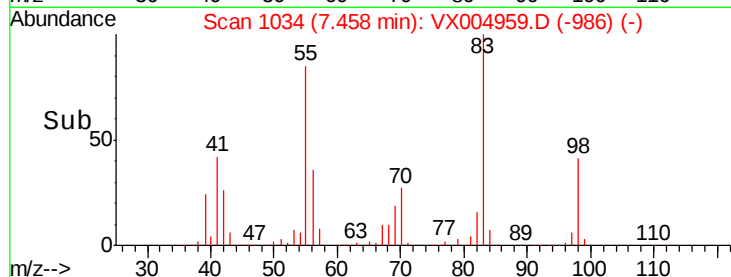
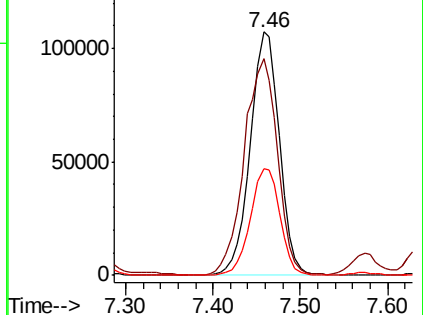
#39
Methvlcvclohexane
Concen: 48.126 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

Instrument :
MSVOA_X
ClientSampleId :
B-10(13-13.5)

Tot Ion: 83 Resp: 248020
Ion Ratio Lower Upper
83 100
55 88.8 81.1 121.7
98 44.0 37.3 55.9

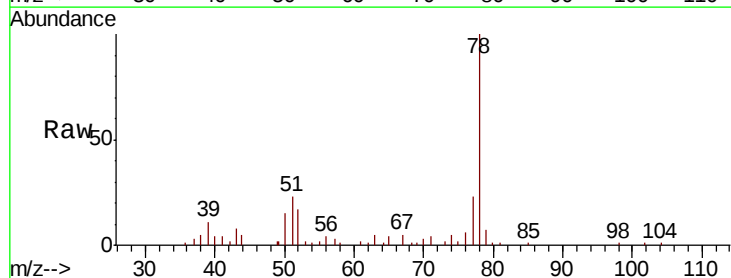


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

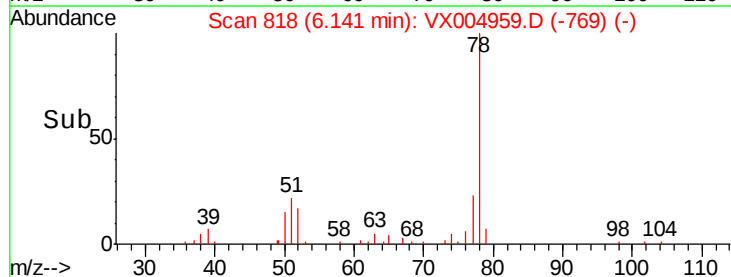
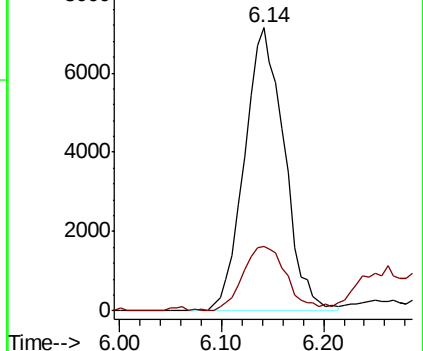


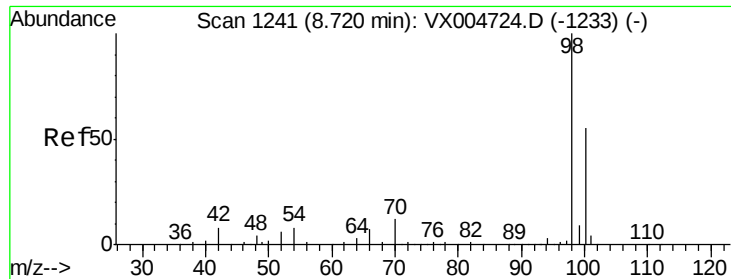
#40
Benzene
Concen: 1.226 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

Tgt Ion: 78 Resp: 19370
Ion Ratio Lower Upper
78 100
77 22.9 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

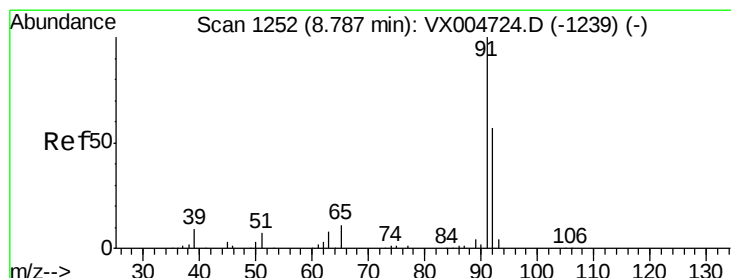
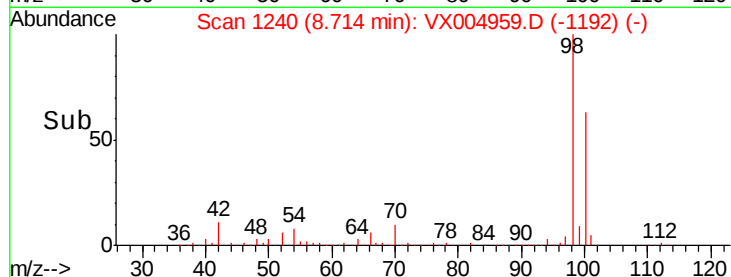
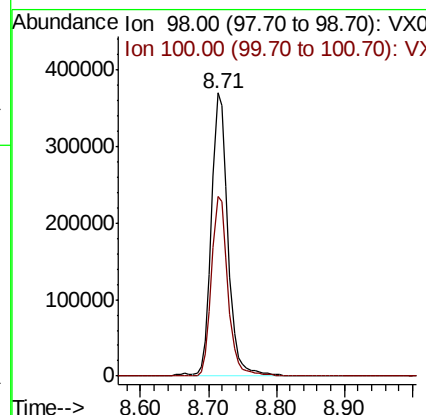
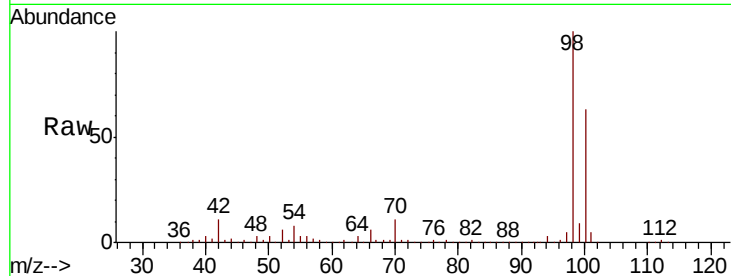




#50
Toluene-d8
Concen: 50.633 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

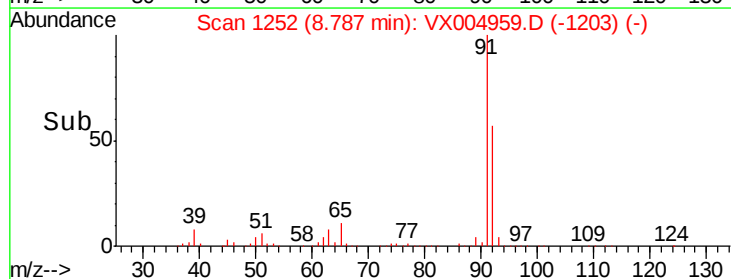
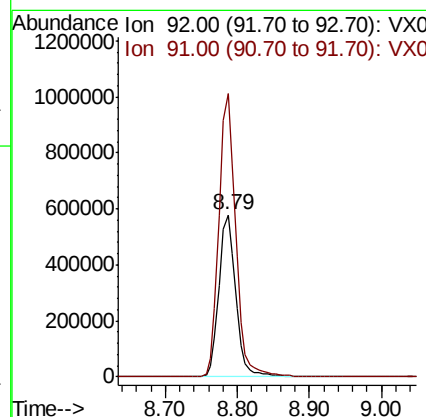
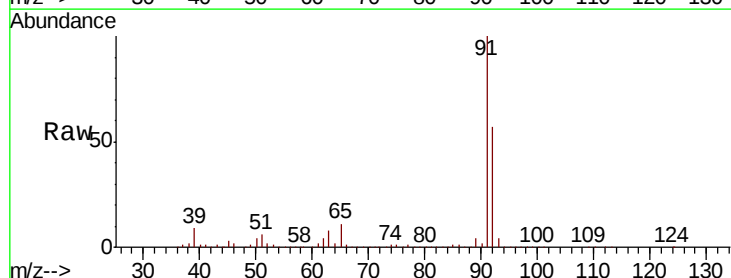
Instrument :
MSVOA_X
ClientSampleId :
B-10(13-13.5)

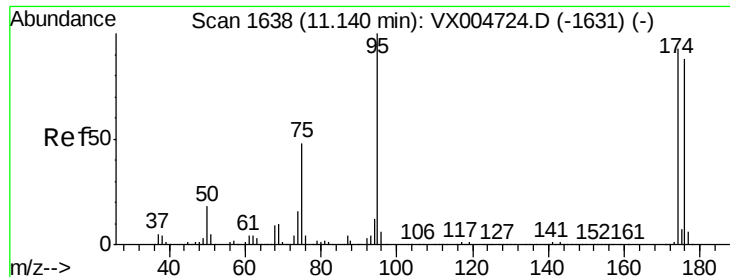
Tot Ion: 98 Resp: 622666
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#52
Toluene
Concen: 108.395 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

Tgt Ion: 92 Resp: 941096
Ion Ratio Lower Upper
92 100
91 174.2 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 55.283 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004959.D

Acq: 03 Oct 2018 10:40

Instrument :

MSVOA_X

ClientSampleId :

B-10(13-13.5)

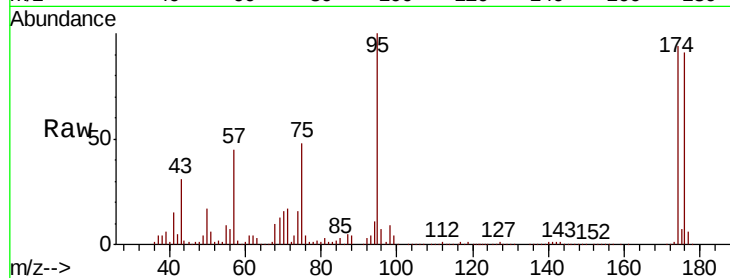
Tot Ion: 95 Resp: 244921

Ion Ratio Lower Upper

95 100

174 90.2 0.0 185.0

176 87.5 0.0 180.2

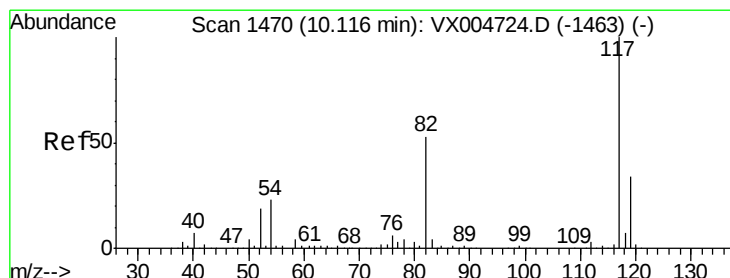
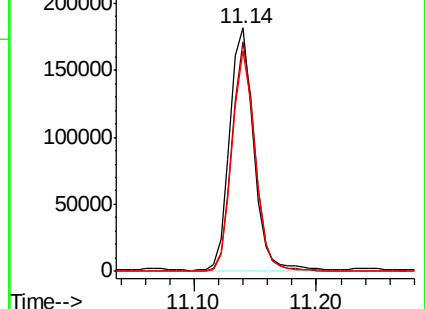
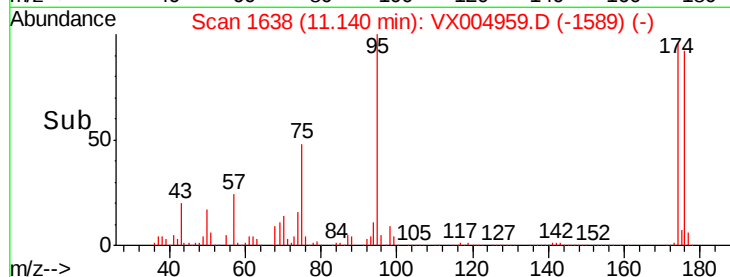


Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004959.D

Acq: 03 Oct 2018 10:40

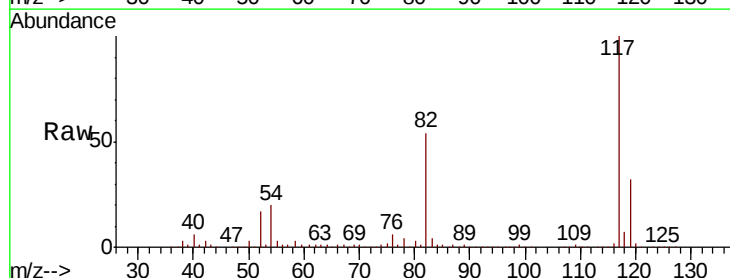
Tgt Ion: 117 Resp: 419231

Ion Ratio Lower Upper

117 100

82 54.3 42.2 63.4

119 32.5 27.4 41.0

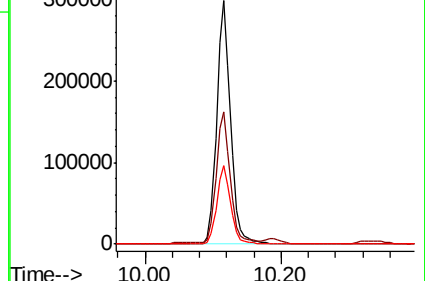
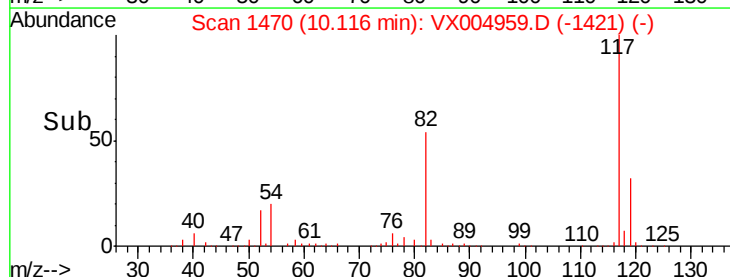


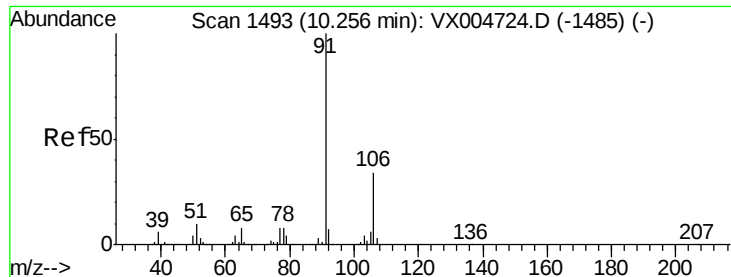
Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

Time-->

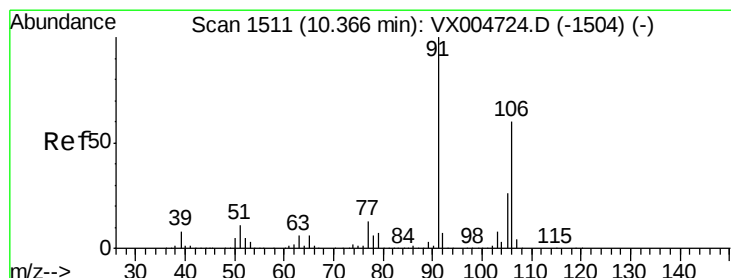
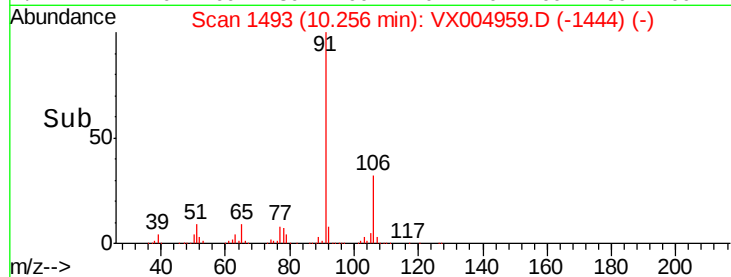
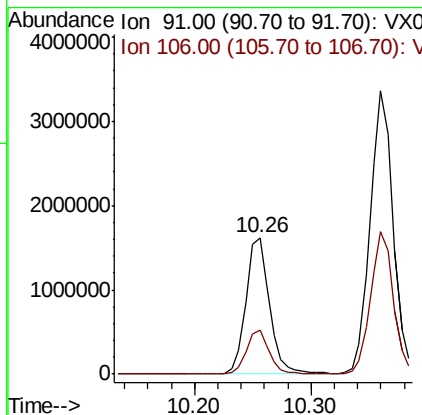
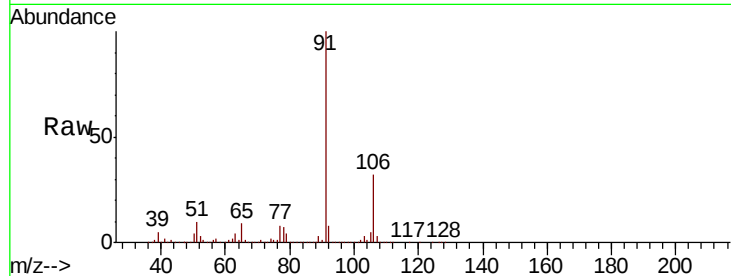




#67
Ethyl Benzene
Concen: 135.306 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

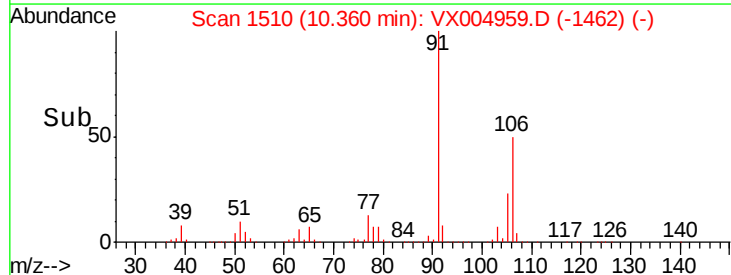
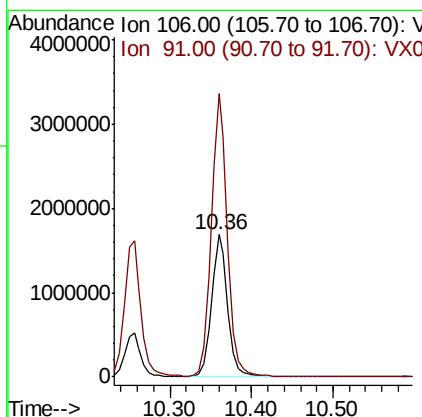
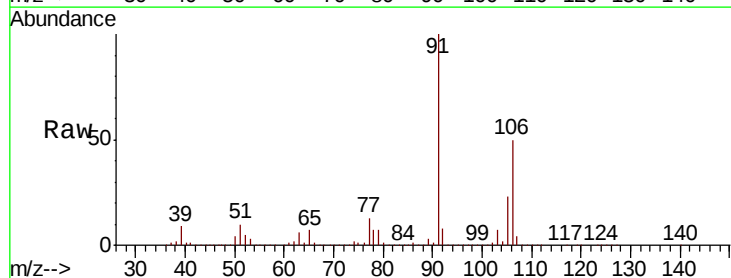
Instrument :
MSVOA_X
ClientSampled :
B-10(13-13.5)

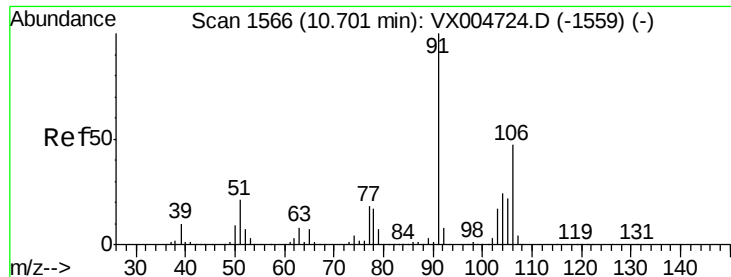
Tot Ion: 91 Resp: 2309324
Ion Ratio Lower Upper
91 100
106 31.9 26.9 40.3



#68
m/p-Xylenes
Concen: 351.747 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

Tgt Ion: 106 Resp: 2345959
Ion Ratio Lower Upper
106 100
91 199.9 157.5 236.3

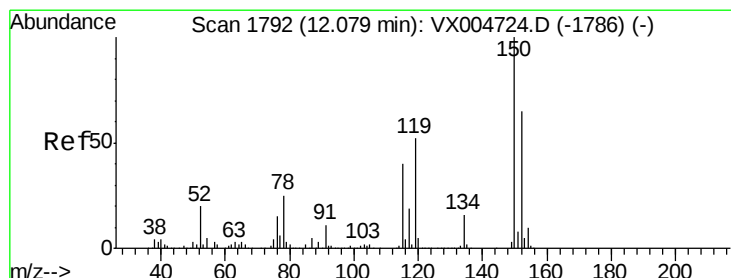
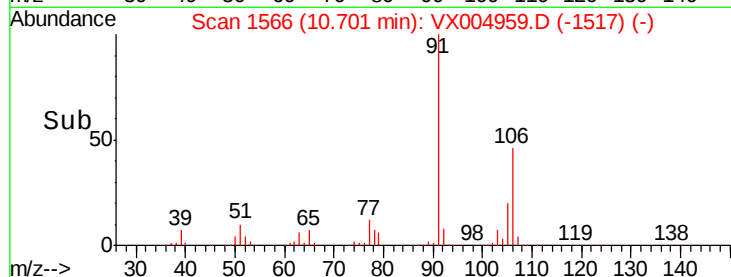
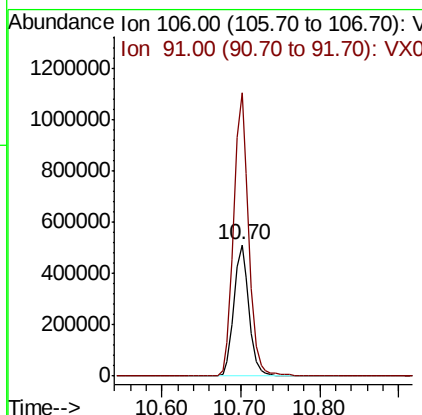
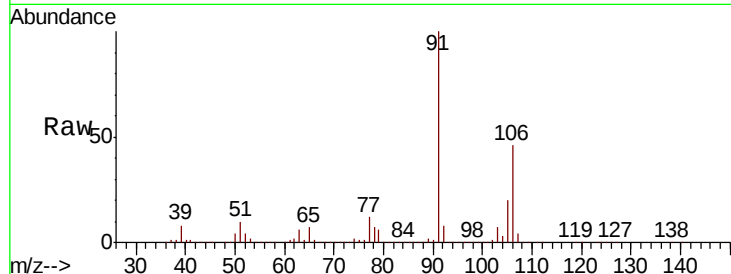




#69
o-Xylene
Concen: 111.910 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

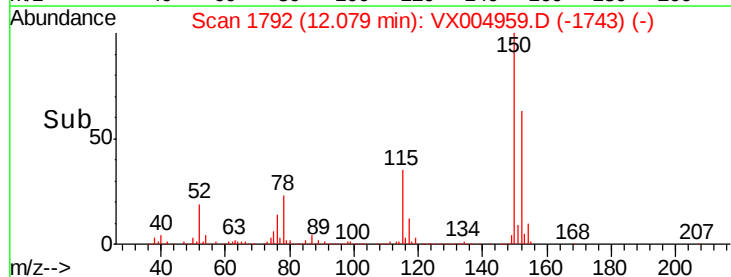
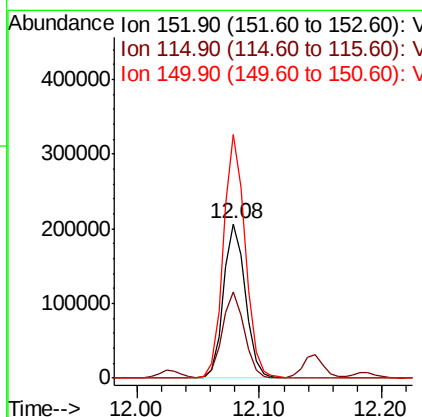
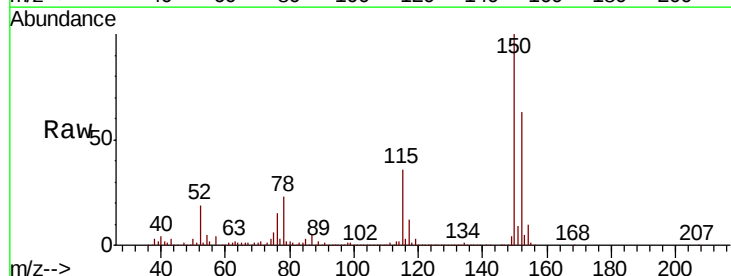
Instrument :
MSVOA_X
ClientSampled :
B-10(13-13.5)

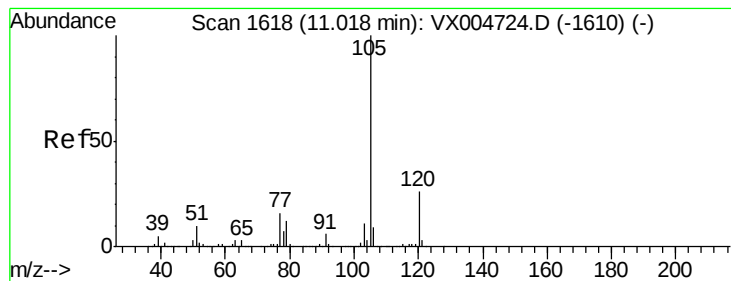
Tot Ion:106 Resp: 685543
Ion Ratio Lower Upper
106 100
91 214.2 108.3 324.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004959.D
Acq: 03 Oct 2018 10:40

Tgt Ion:152 Resp: 254634
Ion Ratio Lower Upper
152 100
115 56.8 40.2 120.6
150 157.1 0.0 351.0





#73

Isopropylbenzene

Concen: 15.871 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004959.D

Acq: 03 Oct 2018 10:40

Instrument :

MSVOA_X

ClientSampled :

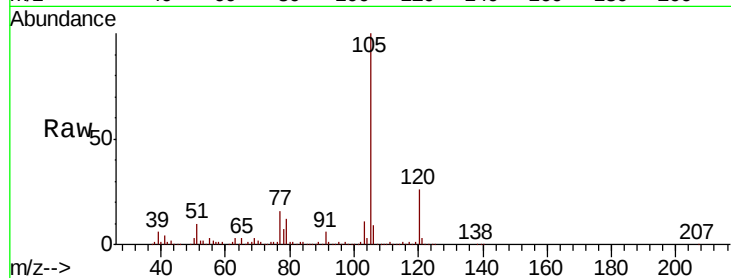
B-10(13-13.5)

Tot Ion:105 Resp: 254734

Ion Ratio Lower Upper

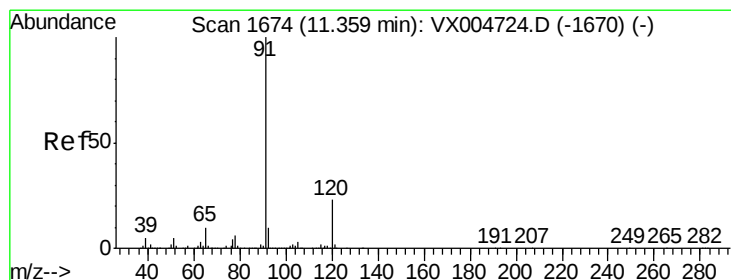
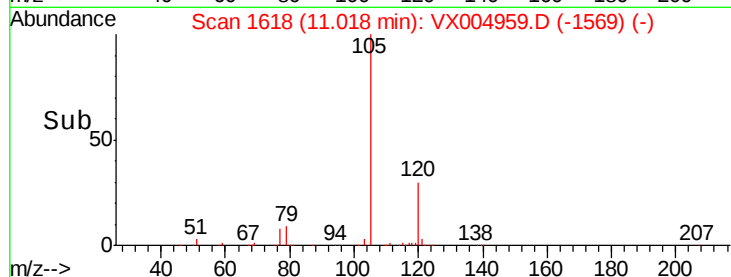
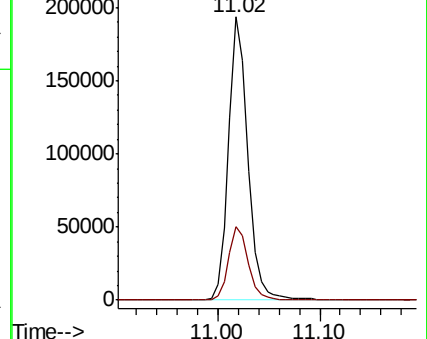
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 63.050 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004959.D

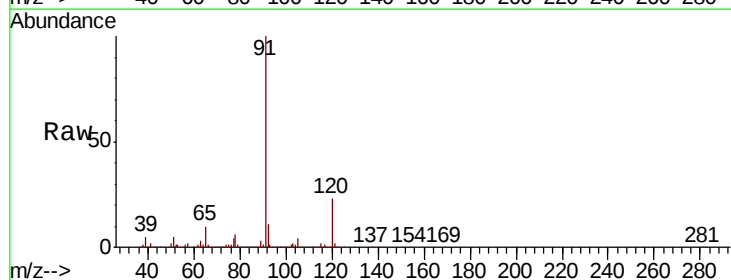
Acq: 03 Oct 2018 10:40

Tgt Ion: 91 Resp: 1161088

Ion Ratio Lower Upper

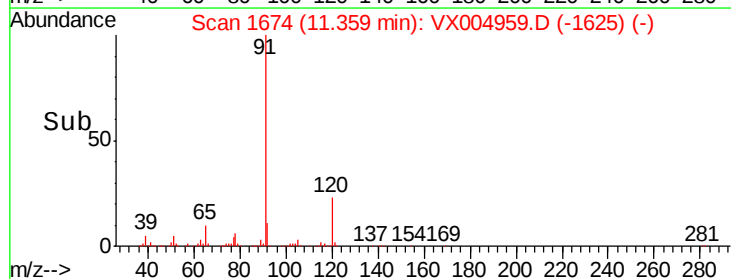
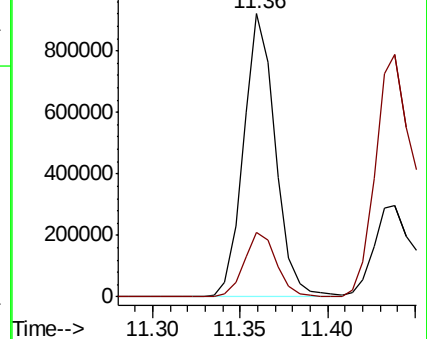
91 100

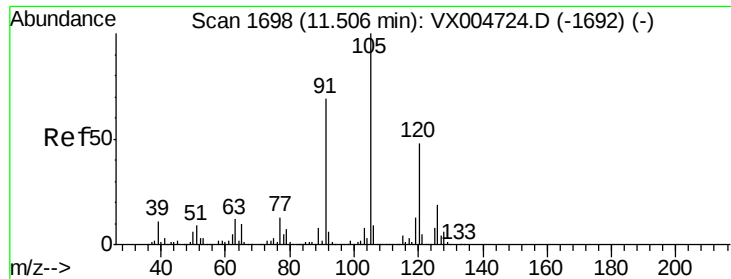
120 23.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

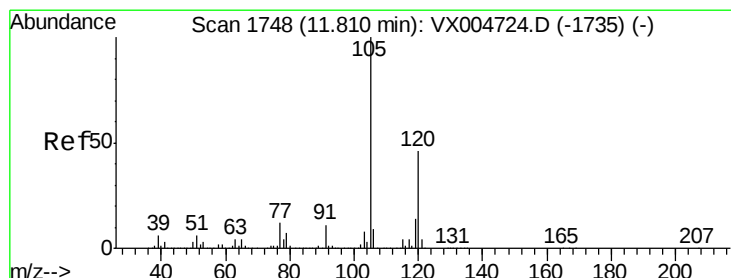
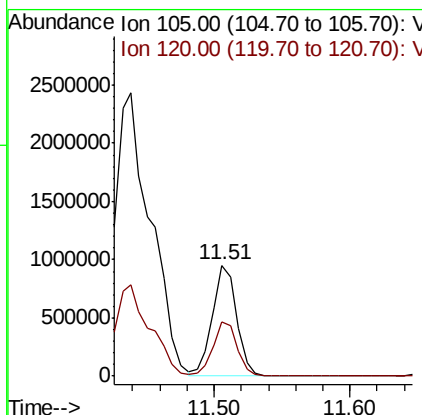
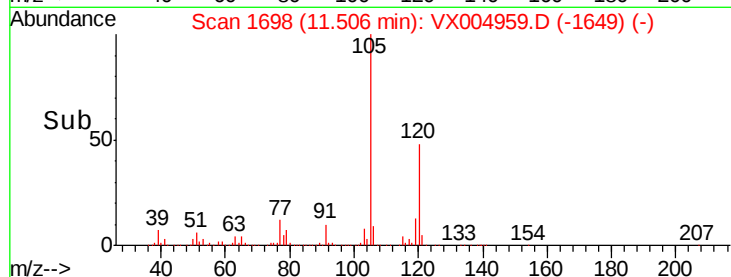
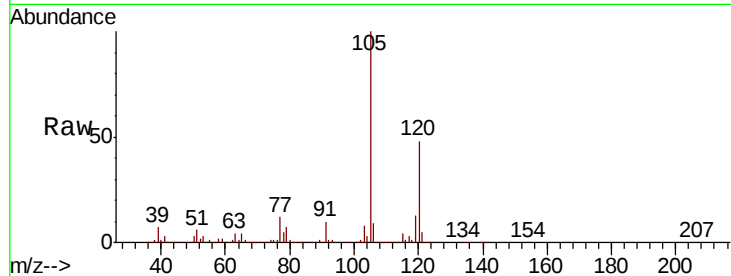




#80
 1,3,5-Trimethylbenzene
 Concen: 80.717 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004959.D
 Acq: 03 Oct 2018 10:40

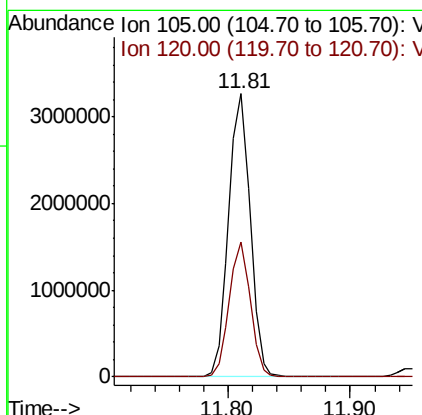
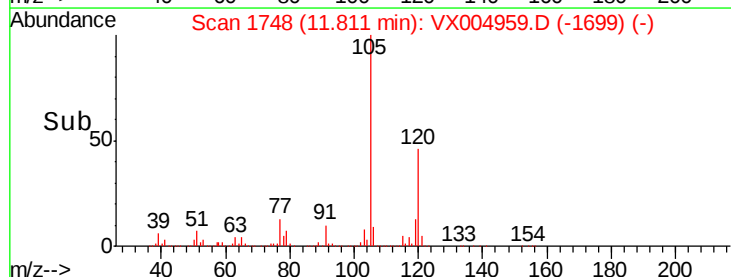
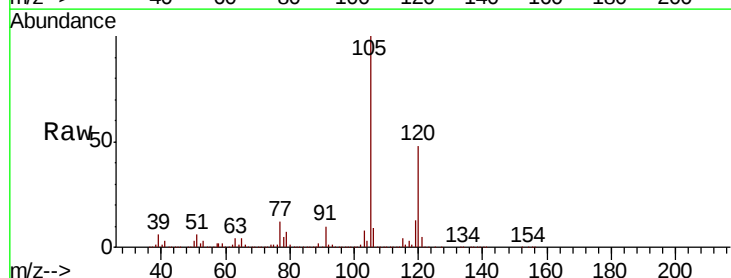
Instrument :
 MSVOA_X
 ClientSampled :
 B-10(13-13.5)

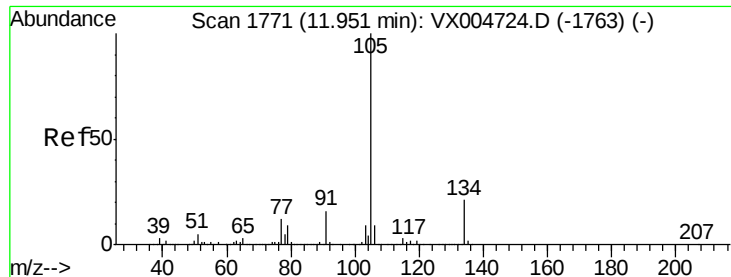
Tot Ion:105 Resp: 1185583
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 263.760 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004959.D
 Acq: 03 Oct 2018 10:40

Tgt Ion:105 Resp: 3988515
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.8 68.3

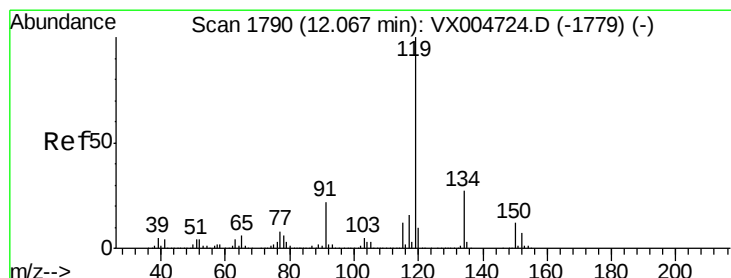
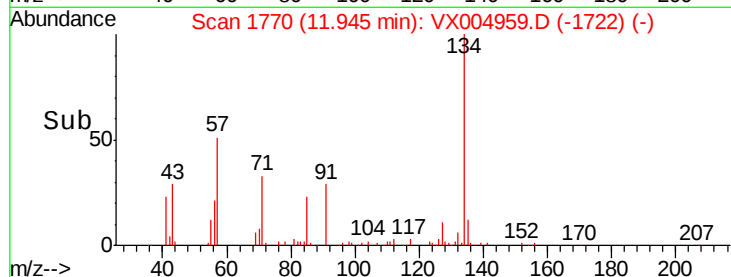
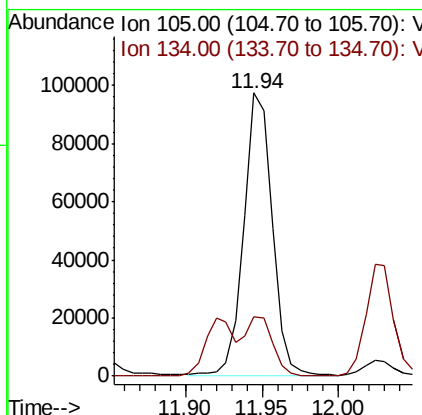
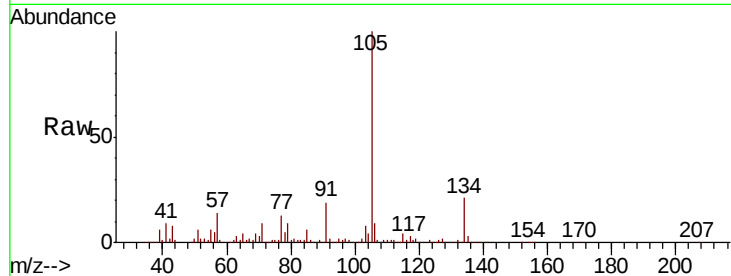




#85
 sec-Butylbenzene
 Concen: 7.734 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004959.D
 Acq: 03 Oct 2018 10:40

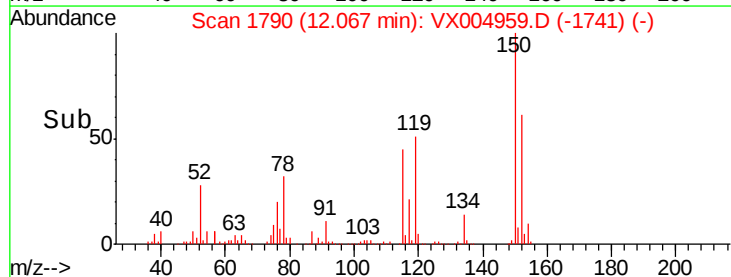
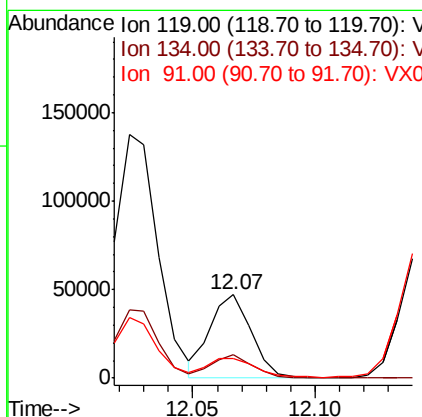
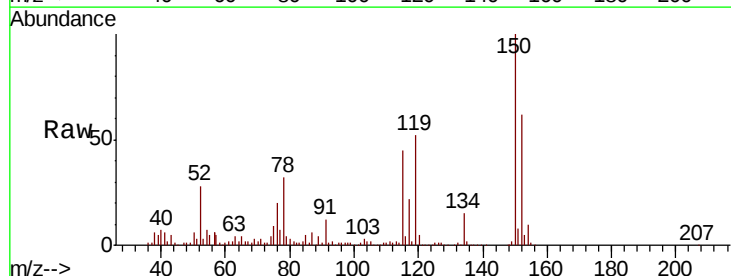
Instrument :
 MSVOA_X
 ClientSampled :
 B-10(13-13.5)

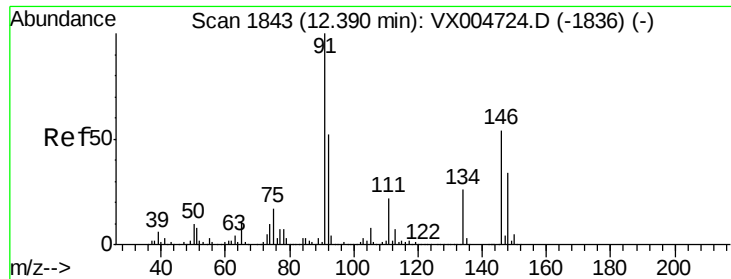
Tot Ion:105 Resp: 124480
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.776 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004959.D
 Acq: 03 Oct 2018 10:40

Tgt Ion:119 Resp: 55058
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.4 40.1
 91 25.8 11.5 34.4





#89

n-Butylbenzene

Concen: 31.930 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX004959.D

Acq: 03 Oct 2018 10:40

Instrument :

MSVOA_X

ClientSampleId :

B-10(13-13.5)

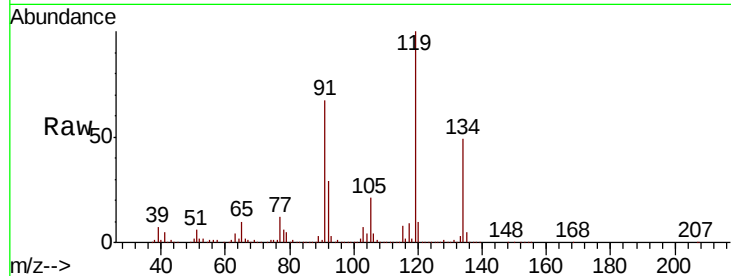
Tot Ion: 91 Resp: 422880

Ion Ratio Lower Upper

91 100

92 35.1 26.0 78.0

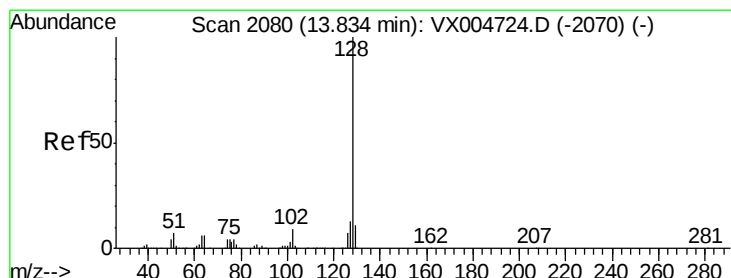
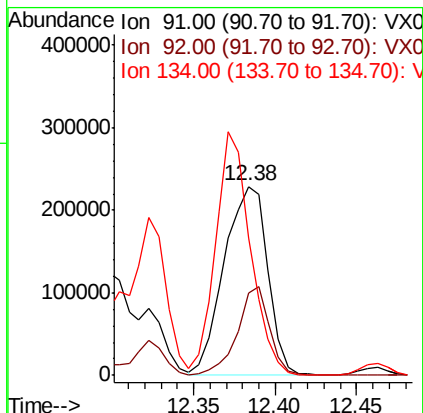
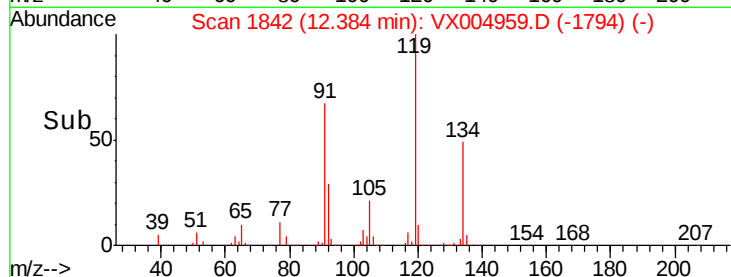
134 103.8 13.2 39.6#



Abundance Ion 91.00 (90.70 to 91.70): VX004959.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX004959.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX004959.D (-1794) (-)



#95

Naphthalene

Concen: 41.345 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004959.D

Acq: 03 Oct 2018 10:40

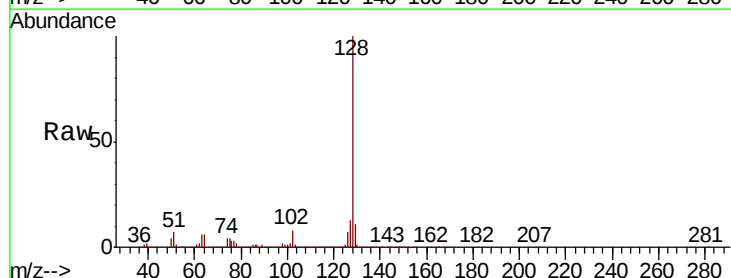
Tgt Ion:128 Resp: 873030

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VX004959.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX004959.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX004959.D (-2031) (-)

