

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004979.D
 Acq On : 03 Oct 2018 19:47
 Operator : JC/MD
 Sample : PB113446ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

Quant Time: Oct 04 02:31:52 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

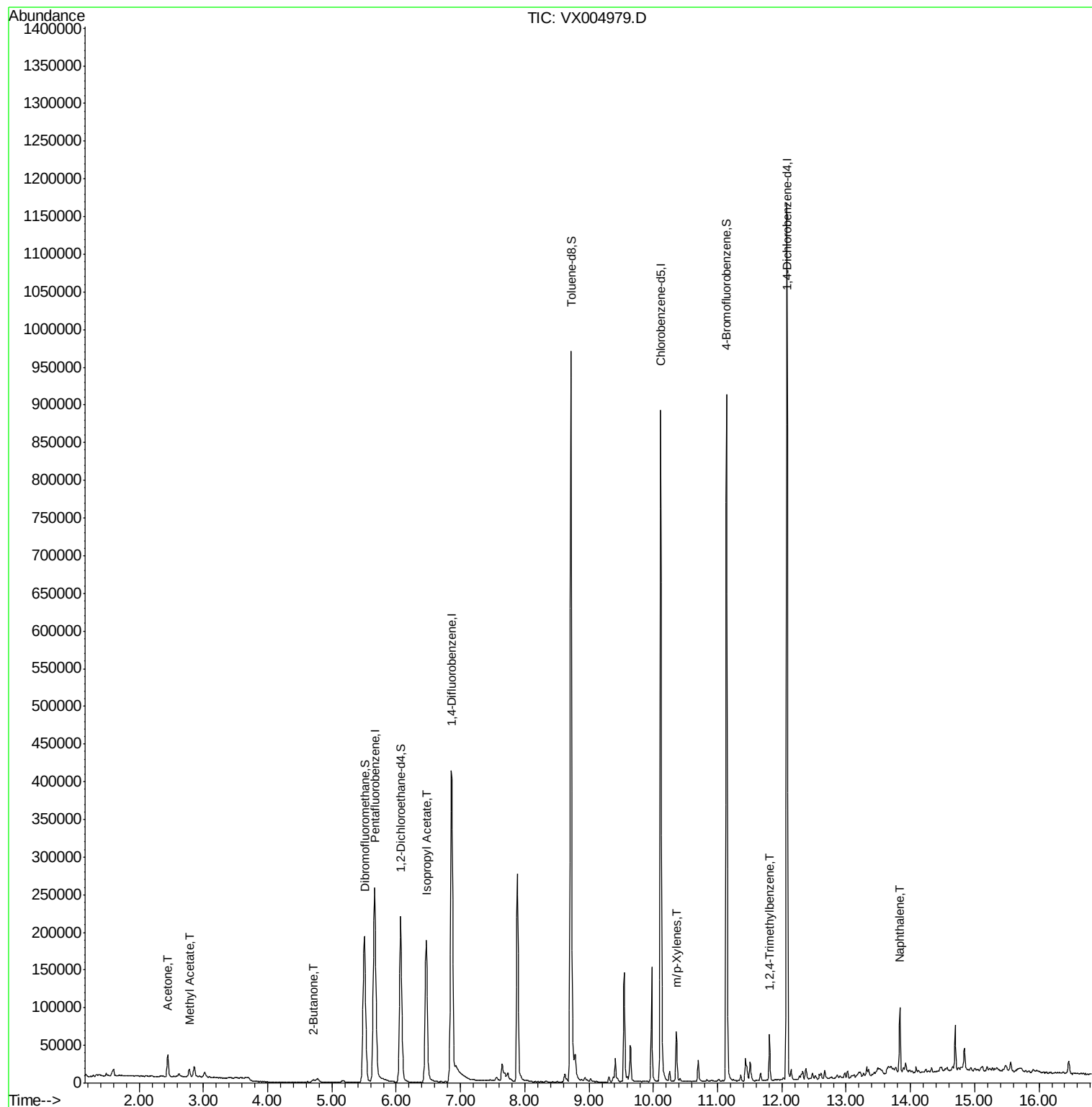
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	435468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200552	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	5.50	113	167702	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
50) Toluene-d8	8.72	98	643228	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	238867	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
Target Compounds						
16) Acetone	2.45	43	31968	13.436	ug/l	91
18) Methyl Acetate	2.78	43	12632	2.095	ug/l	93
25) 2-Butanone	4.71	43	6872	1.959	ug/l	93
43) Isopropyl Acetate	6.47	43	257445	25.710	ug/l	96
68) m/p-Xylenes	10.36	106	15732	2.271	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	28175	1.729	ug/l	99
95) Naphthalene	13.83	128	52375	3.239	ug/l	98

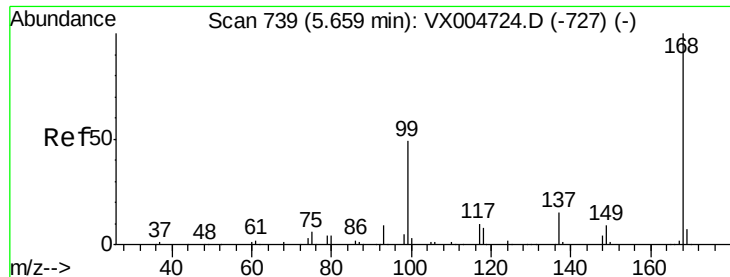
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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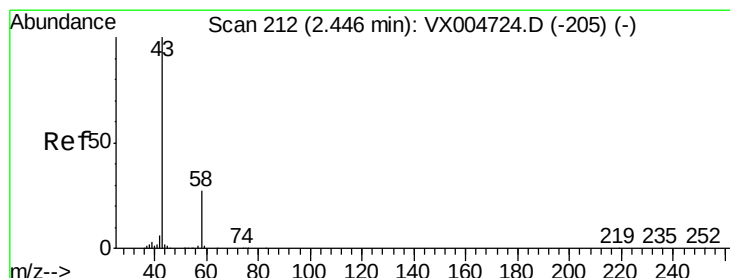
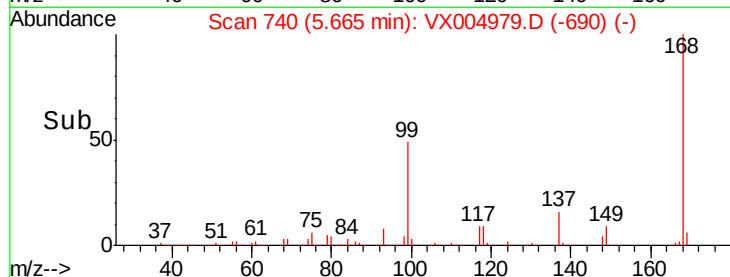
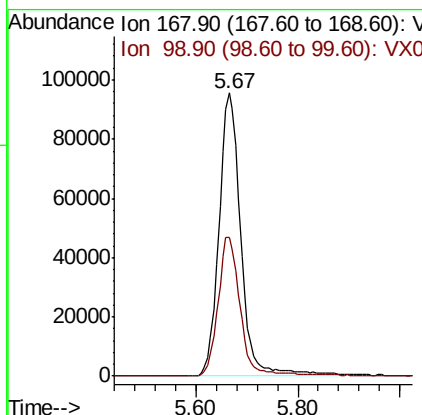
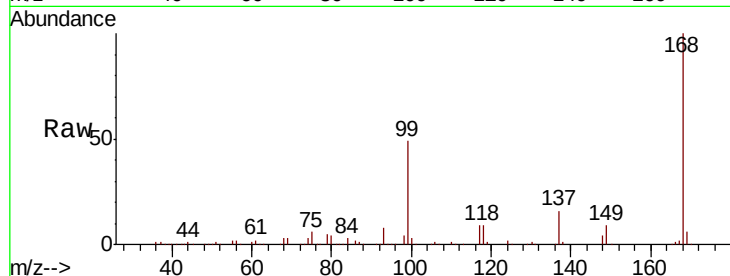




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

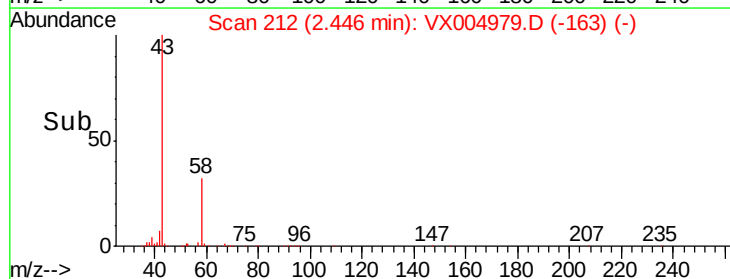
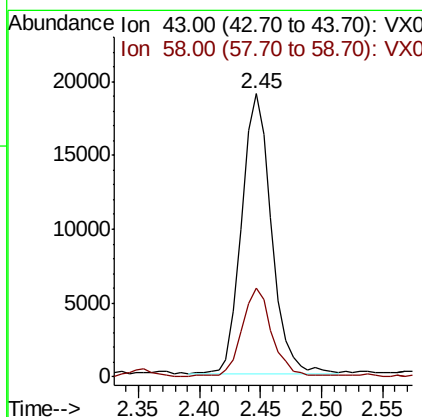
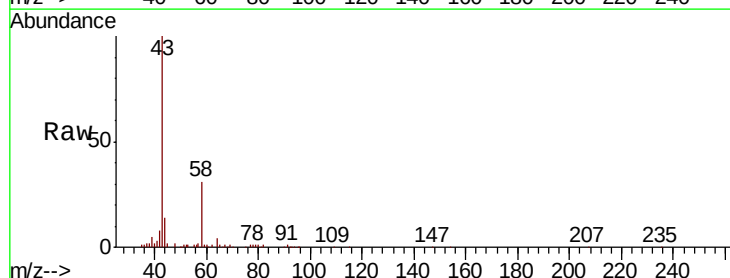
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

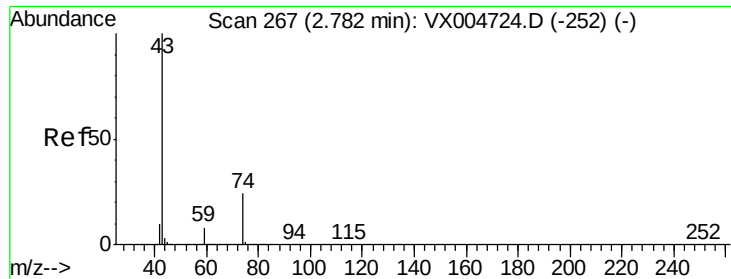
Tot Ion:168 Resp: 285298
Ion Ratio Lower Upper
168 100
99 49.1 39.3 58.9



#16
Acetone
Concen: 13.436 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 43 Resp: 31968
Ion Ratio Lower Upper
43 100
58 31.7 21.8 32.6

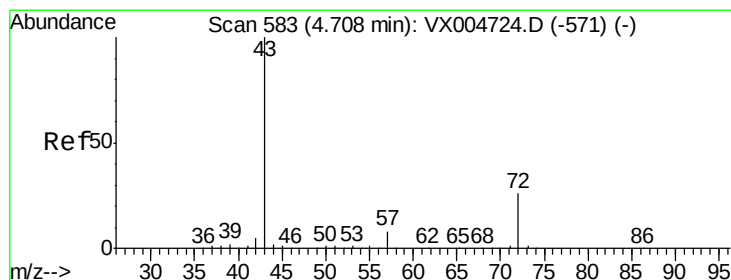
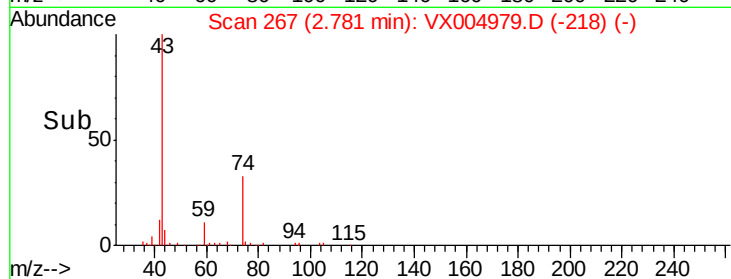
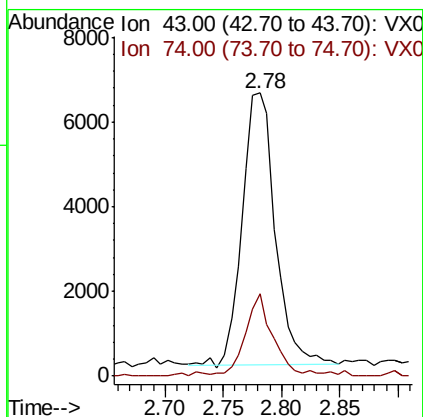
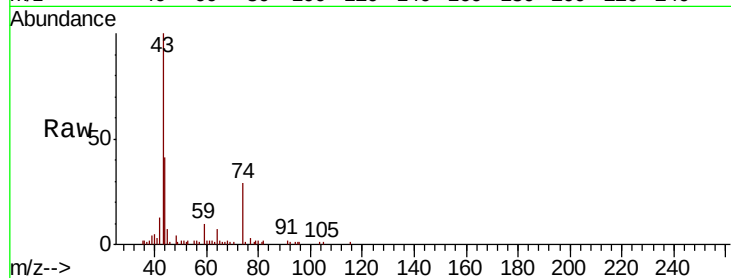




#18
Methvl Acetate
Concen: 2.095 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

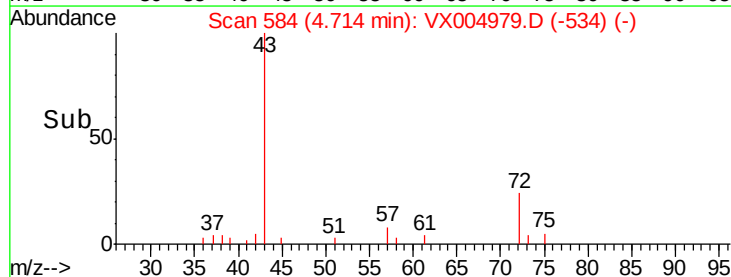
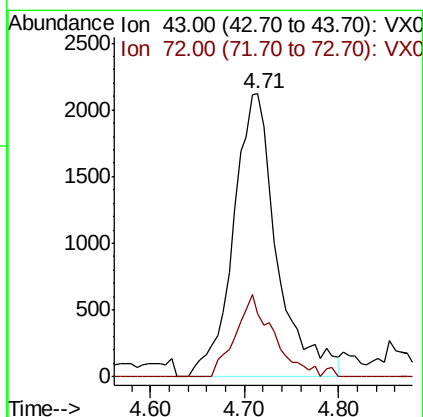
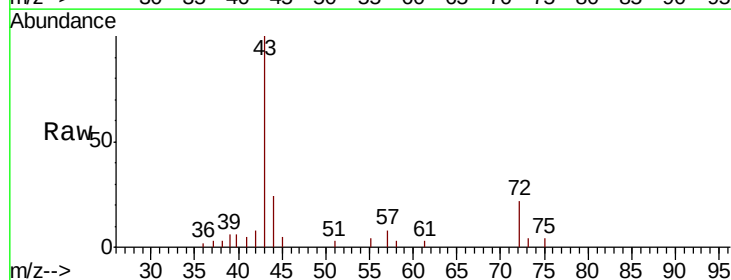
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

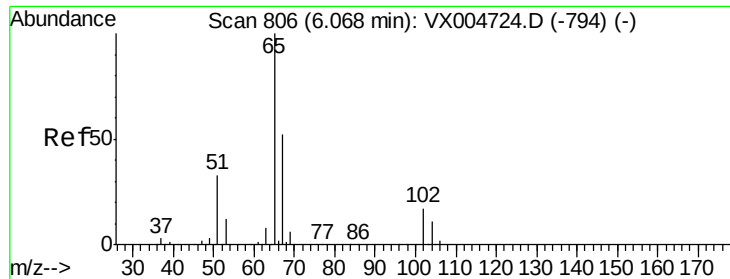
Tot Ion: 43 Resp: 12632
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8



#25
2-Butanone
Concen: 1.959 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 43 Resp: 6872
Ion Ratio Lower Upper
43 100
72 22.2 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 49.209 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

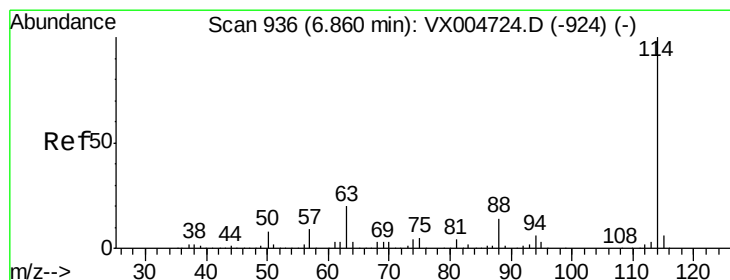
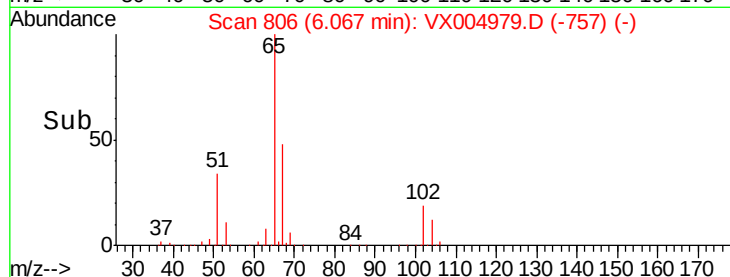
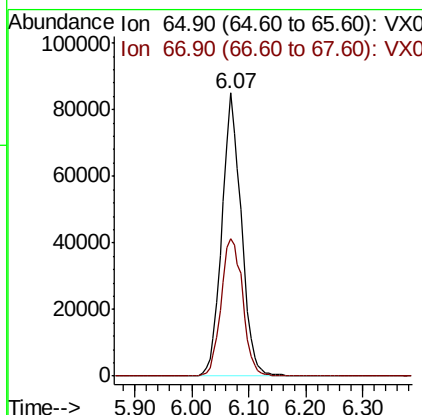
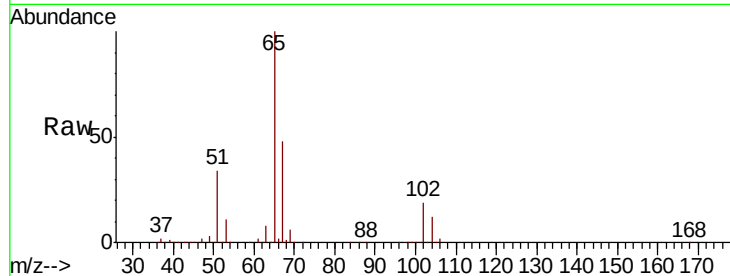
Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

Tot Ion: 65 Resp: 200552

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

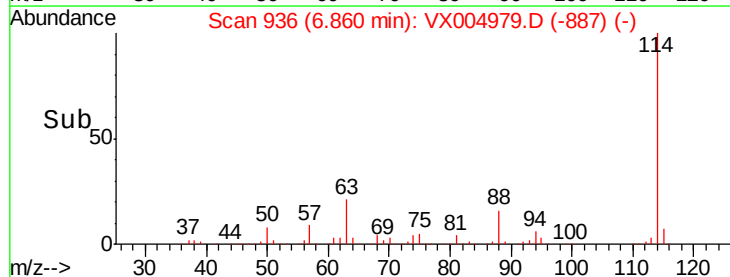
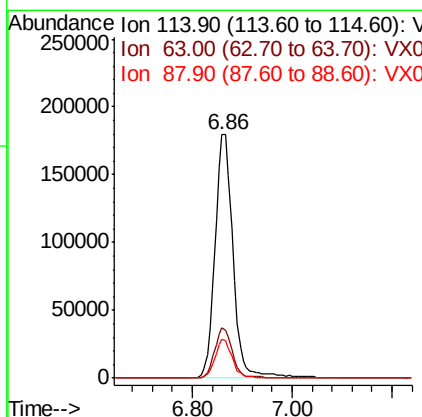
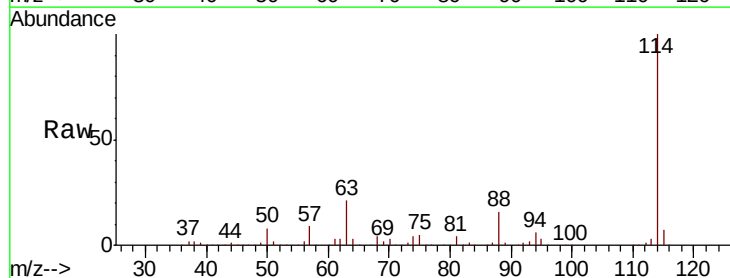
Delta R.T. -0.00 min

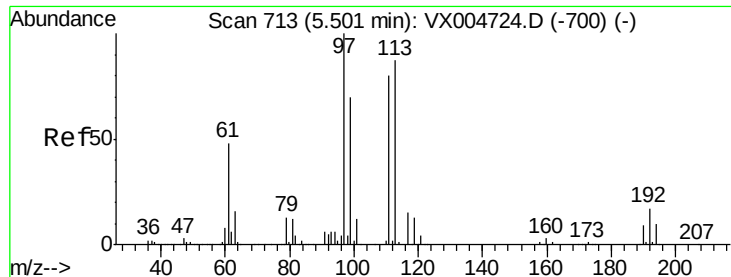
Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Tgt Ion: 114 Resp: 451992

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.8
88	16.1	0.0	27.0





#35

Dibromofluoromethane

Concen: 43.779 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#05

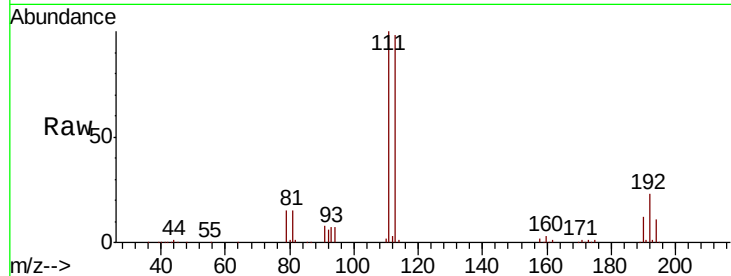
Tot Ion:113 Resp: 167702

Ion Ratio Lower Upper

113 100

111 103.2 77.0 115.4

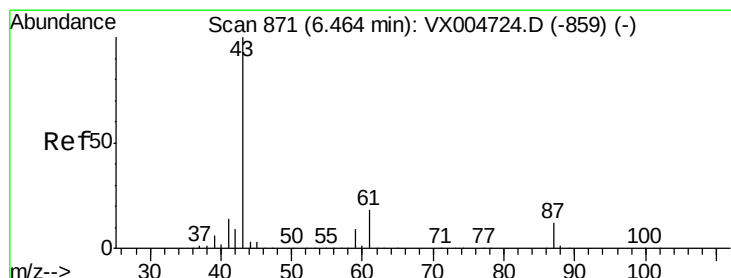
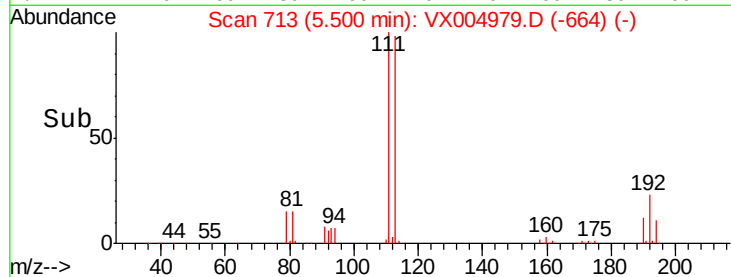
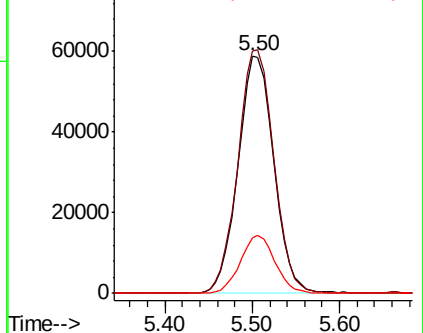
192 23.6 17.0 25.6



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: 25.710 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

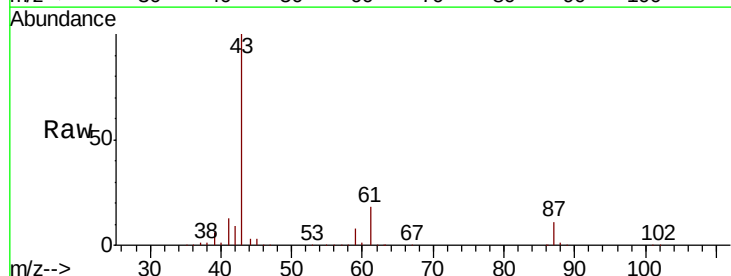
Tgt Ion: 43 Resp: 257445

Ion Ratio Lower Upper

43 100

61 19.9 14.2 21.4

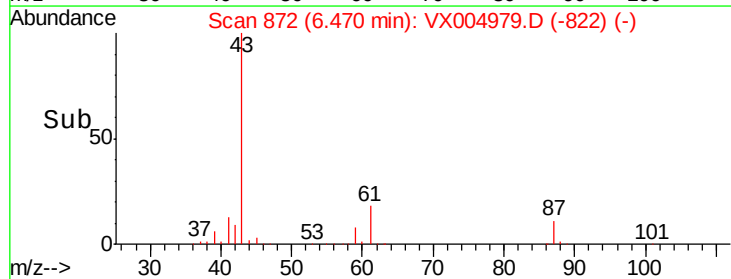
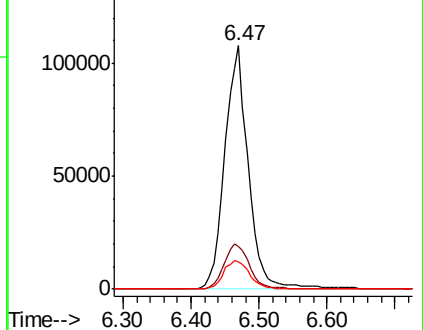
87 13.2 9.3 13.9

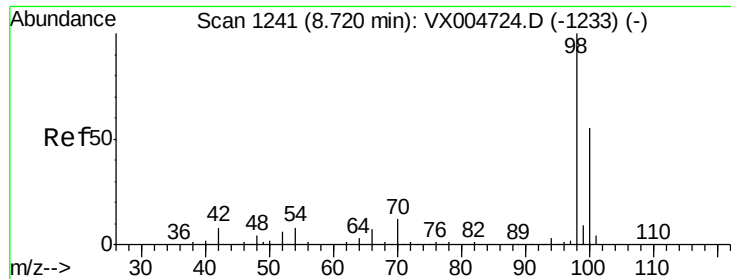


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

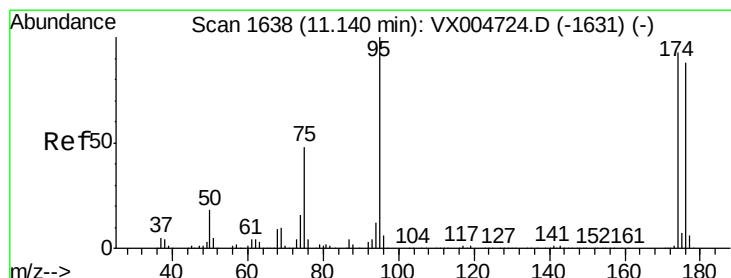
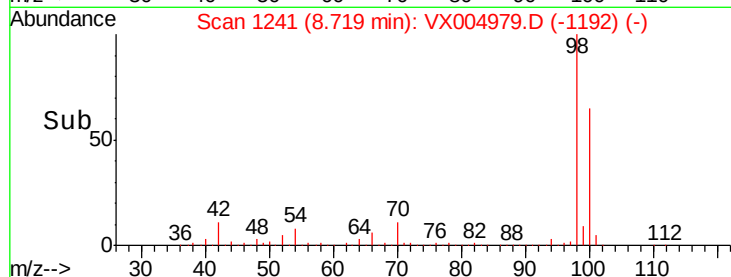
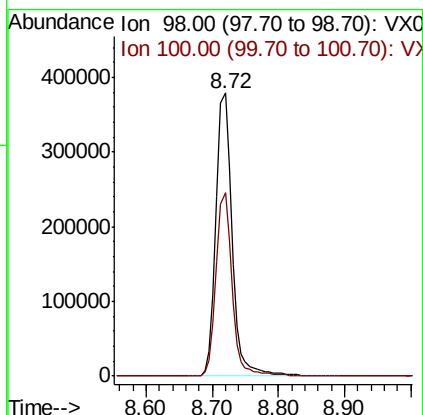
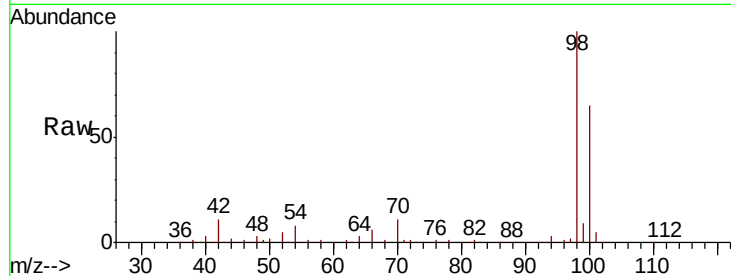




#50
Toluene-d8
Concen: 50.508 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

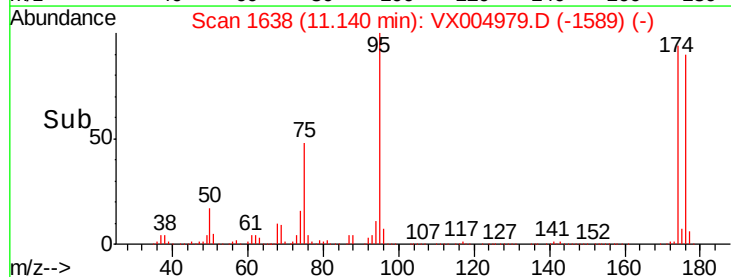
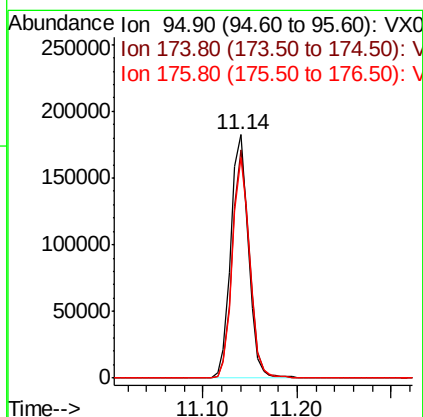
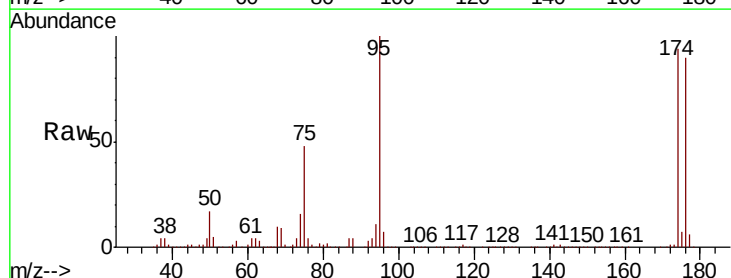
Instrument :
MSVOA_X
ClientSampleId :
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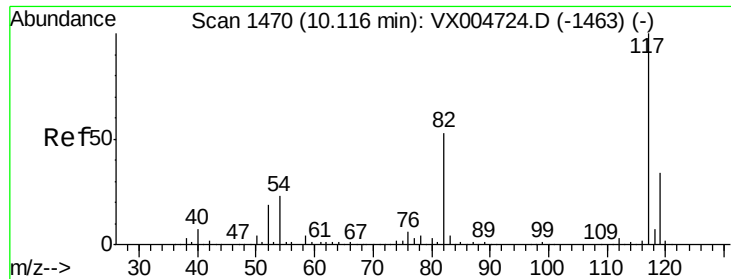
Tot Ion: 98 Resp: 643228
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.065 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Tgt Ion: 95 Resp: 238867
Ion Ratio Lower Upper
95 100
174 91.3 0.0 185.0
176 88.3 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004979.D

Acq: 03 Oct 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#05

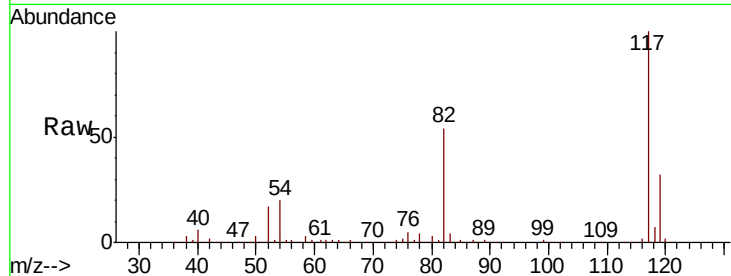
Tot Ion:117 Resp: 435468

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

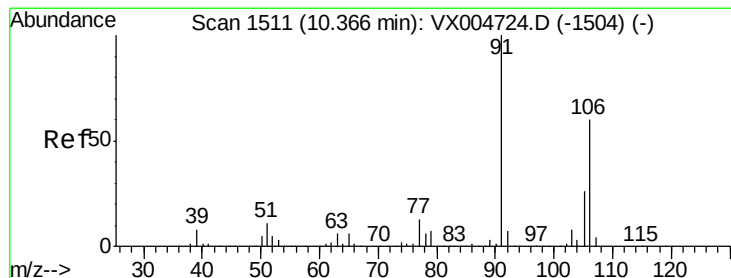
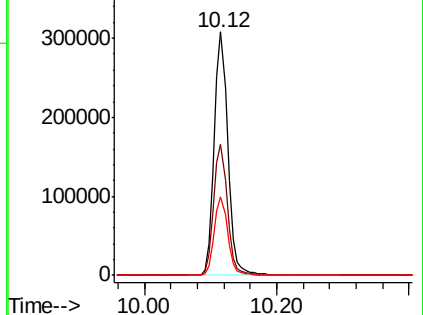
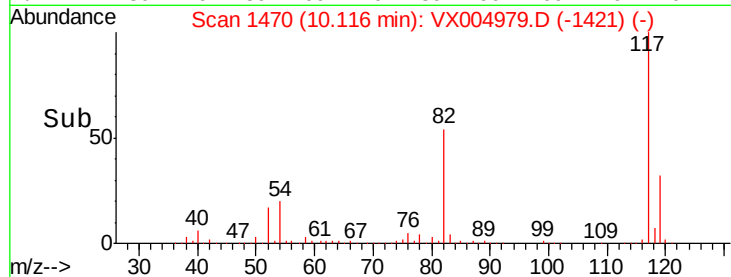
119 32.4 27.4 41.0



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



#68

m/p-Xylenes

Concen: 2.271 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004979.D

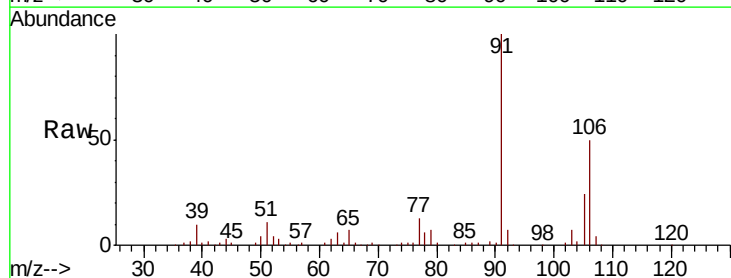
Acq: 03 Oct 2018 19:47

Tgt Ion:106 Resp: 15732

Ion Ratio Lower Upper

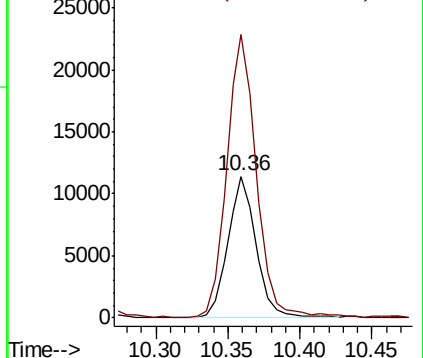
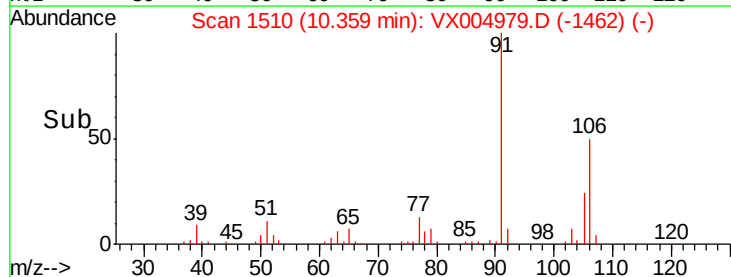
106 100

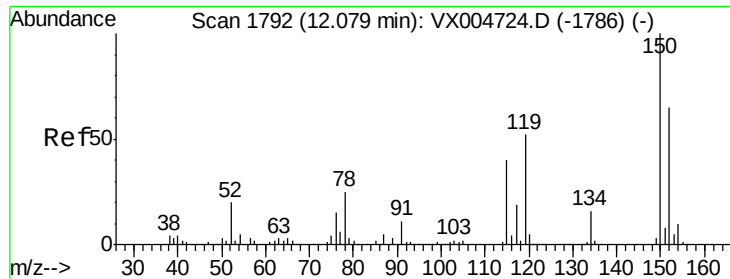
91 207.1 157.5 236.3



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: VX004979.D

Acq: 03 Oct 2018 19:47

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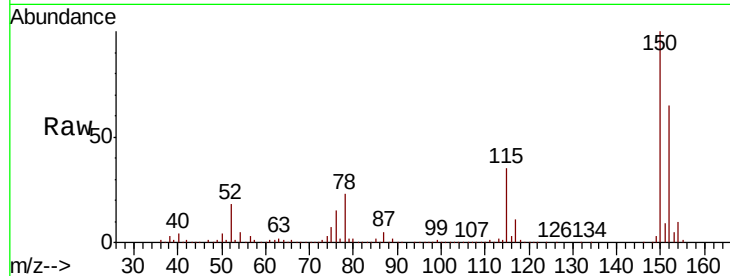
Tot Ion:152 Resp: 246302

Ion Ratio Lower Upper

152 100

115 55.0 40.2 120.6

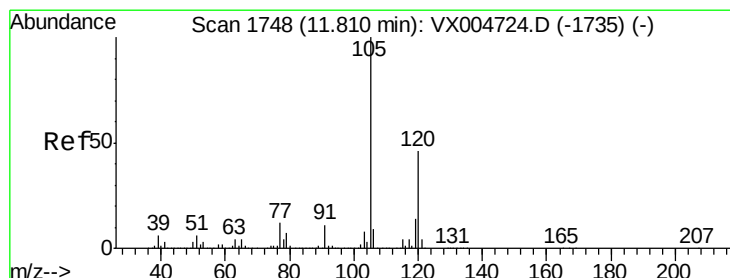
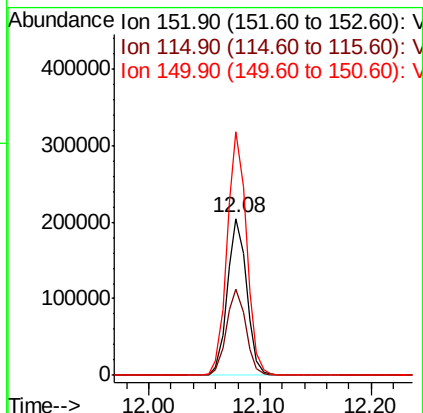
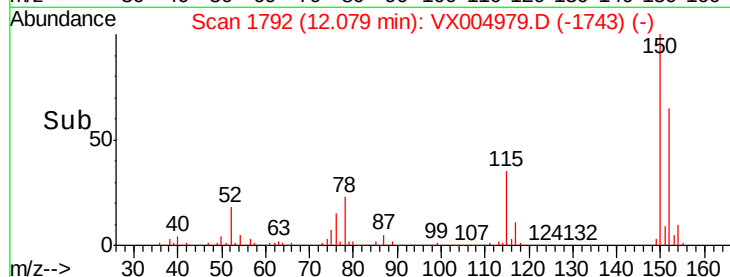
150 155.4 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.729 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX004979.D

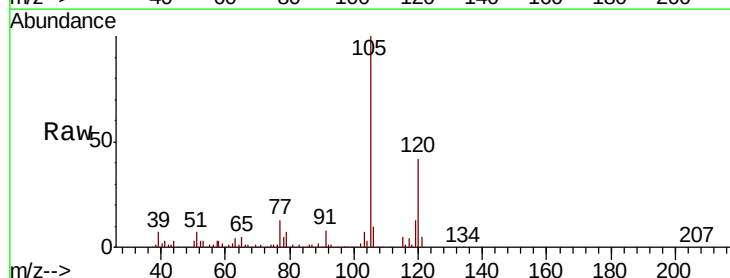
Acq: 03 Oct 2018 19:47

Tgt Ion:105 Resp: 28175

Ion Ratio Lower Upper

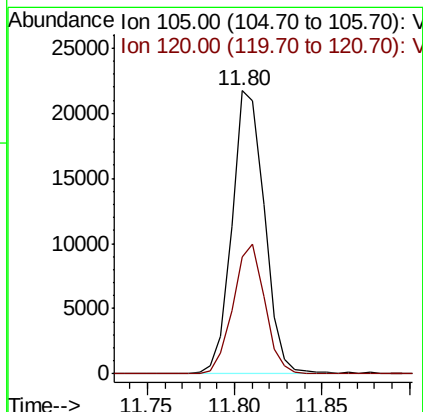
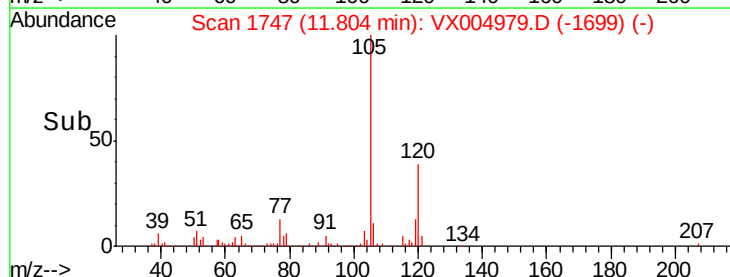
105 100

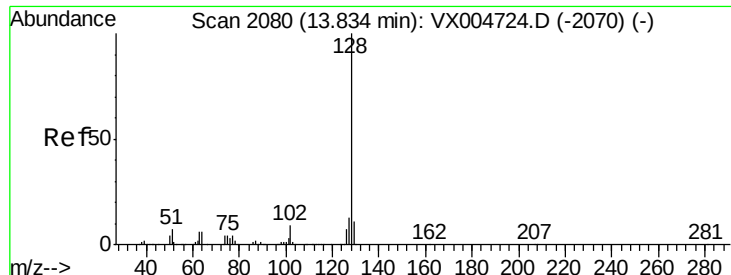
120 44.9 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

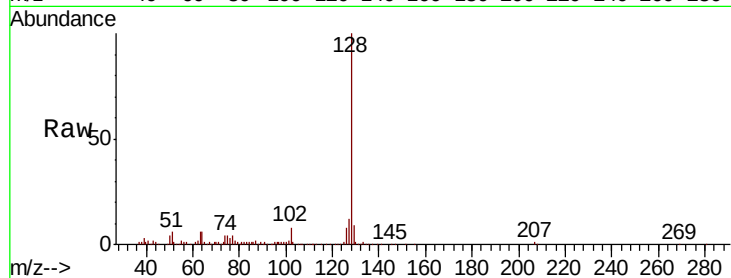




#95
Naphthalene
Concen: 3.239 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004979.D
Acq: 03 Oct 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	11.4	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

