

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005008.D
 Acq On : 04 Oct 2018 09:34
 Operator : JC/MD
 Sample : PB113446TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446TB

Quant Time: Oct 04 11:54:39 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	5.66	168	263118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235359	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	189571	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	5.50	113	163953	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	8.72	98	584015	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.14	95	225973	54.06	ug/l	0.00
Spiked Amount			Recovery	=	108.12%	

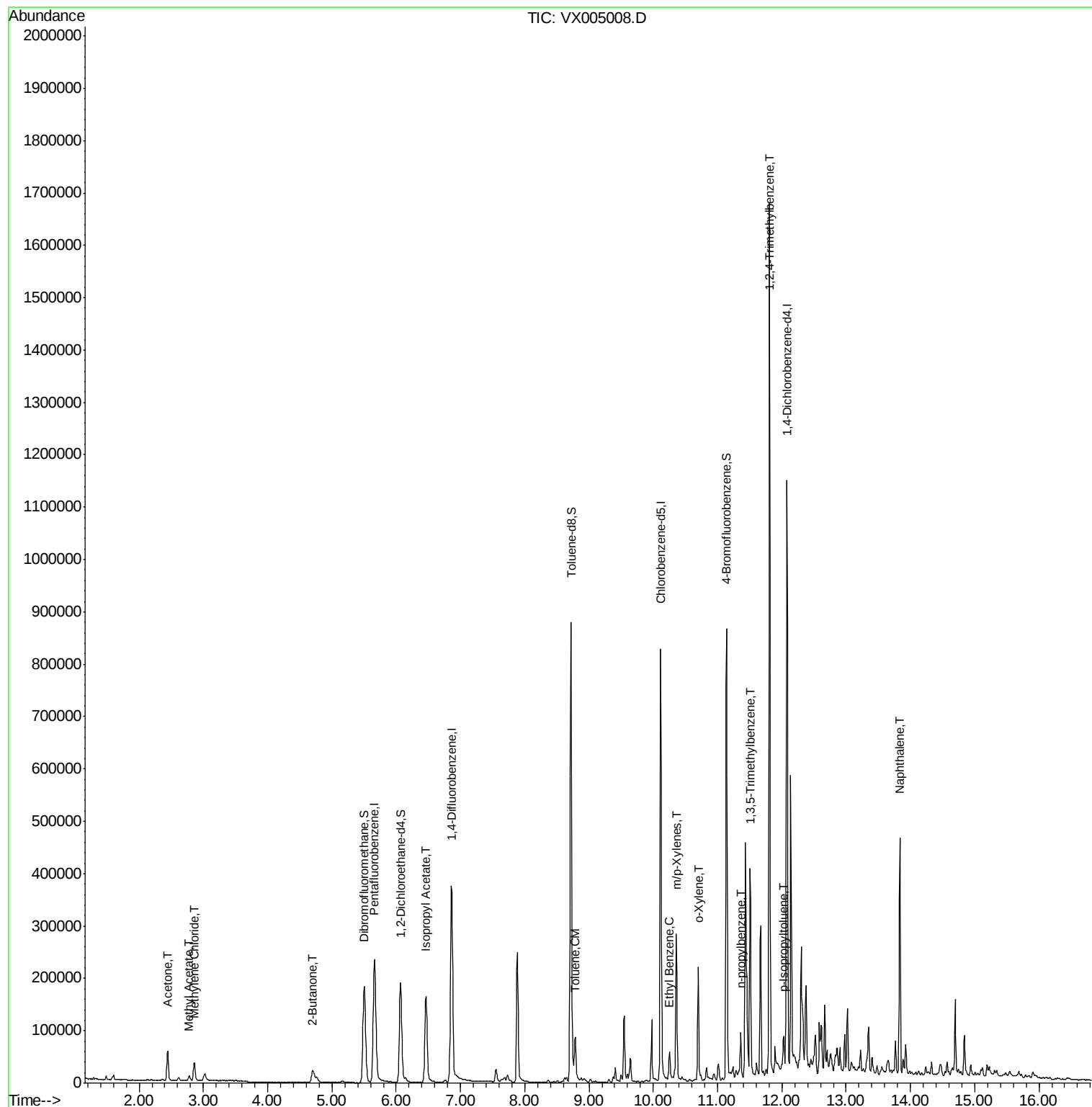
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	60119	27.397	ug/l #	84
18) Methyl Acetate	2.78	43	10798	1.942	ug/l	99
20) Methylene Chloride	2.85	84	15889	4.212	ug/l	94
25) 2-Butanone	4.70	43	44107	13.636	ug/l	99
43) Isopropyl Acetate	6.46	43	227700	24.958	ug/l	95
52) Toluene	8.79	92	28035	3.422	ug/l	98
67) Ethyl Benzene	10.25	91	32267	1.979	ug/l	99
68) m/p-Xylenes	10.36	106	68312	10.723	ug/l	96
69) o-Xylene	10.70	106	47735	8.158	ug/l	99
78) n-propylbenzene	11.36	91	40227	2.363	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	165615	12.030	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	755751	53.913	ug/l	100
86) p-Isopropyltoluene	12.02	119	12508	0.928	ug/l	93
95) Naphthalene	13.83	128	266493	14.136	ug/l	100

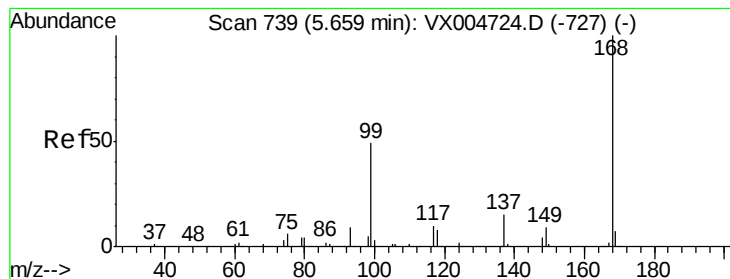
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 11:54:39 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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

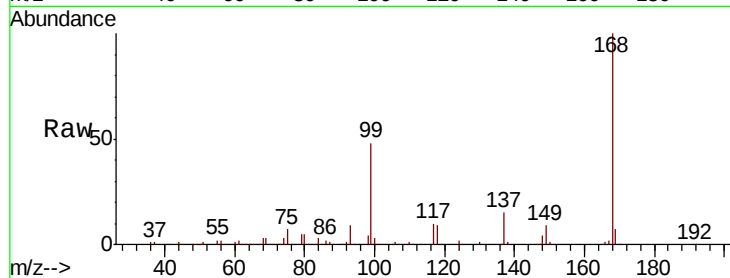
PB113446TB

Tot Ion:168 Resp: 263118

Ion Ratio Lower Upper

168 100

99 48.1 39.3 58.9

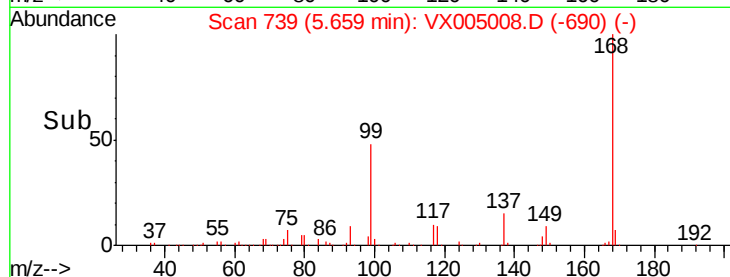


Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.66

Time-->

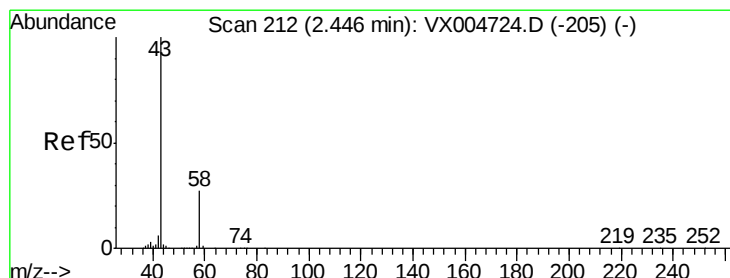


Abundance Ion 167.90 (167.60 to 168.60): VX005008.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX005008.D (-690) (-)

5.66

Time-->



#16

Acetone

Concen: 27.397 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005008.D

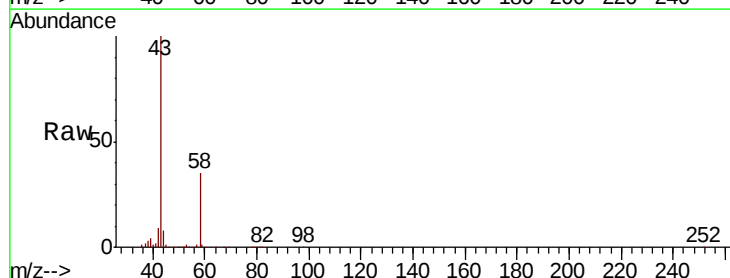
Acq: 04 Oct 2018 09:34

Tgt Ion: 43 Resp: 60119

Ion Ratio Lower Upper

43 100

58 35.3 21.8 32.6#

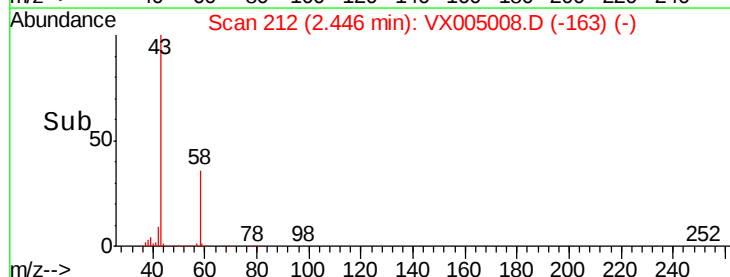


Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX004724.D (-205) (-)

2.45

Time-->

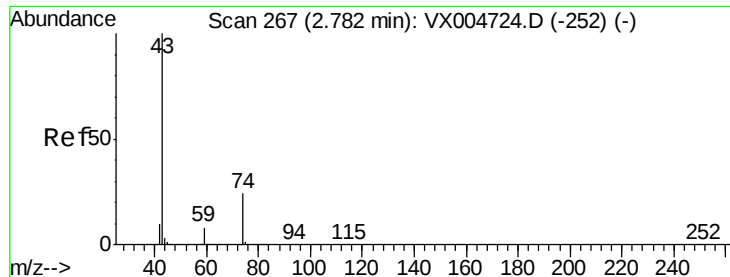


Abundance Ion 43.00 (42.70 to 43.70): VX005008.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX005008.D (-163) (-)

2.45

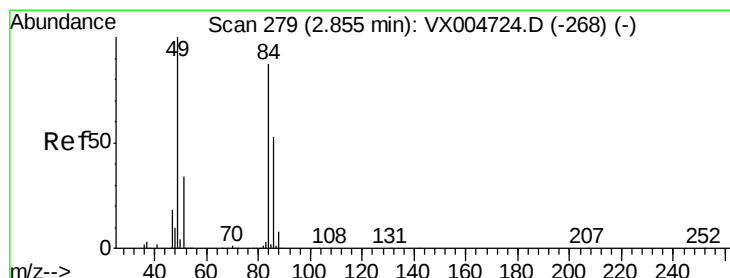
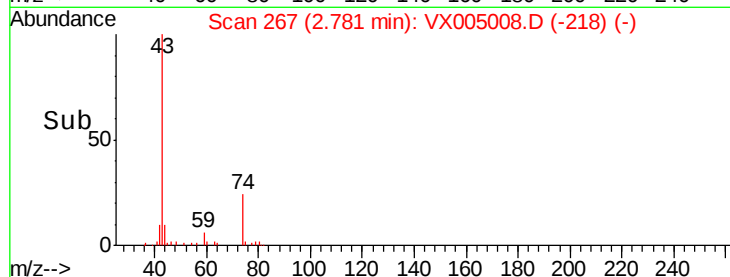
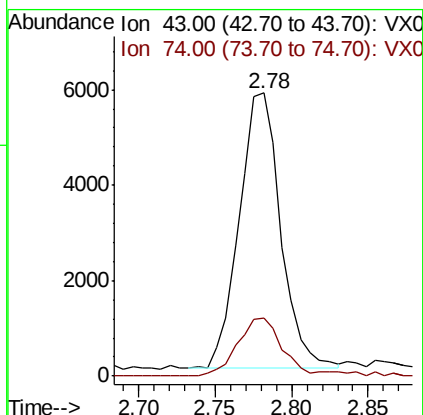
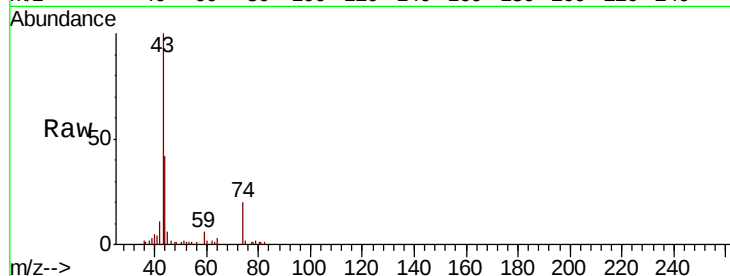
Time-->



#18
Methvl Acetate
Concen: 1.942 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

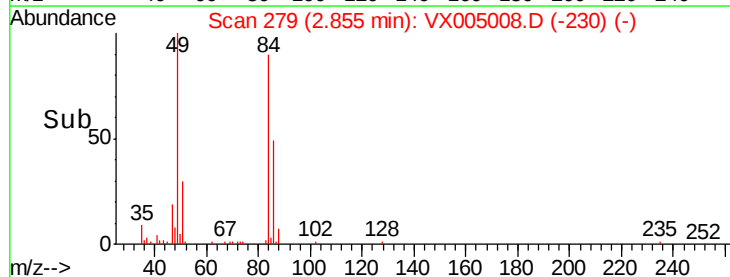
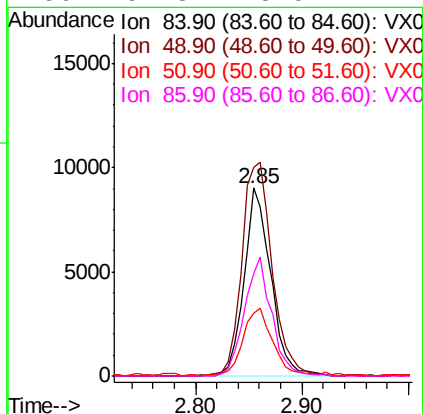
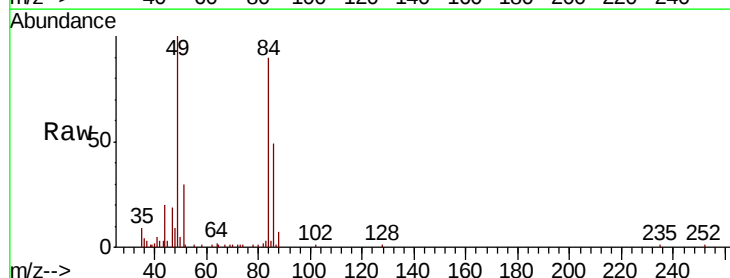
Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

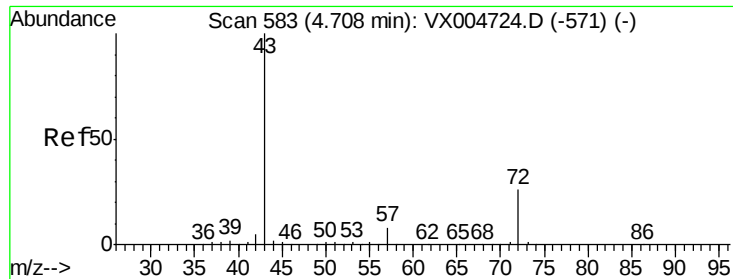
Tot Ion: 43 Resp: 10798
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 4.212 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 84 Resp: 15889
Ion Ratio Lower Upper
84 100
49 111.5 92.3 138.5
51 32.7 31.8 47.6
86 54.3 48.5 72.7

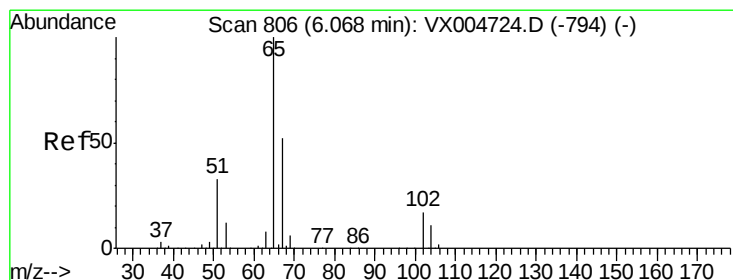
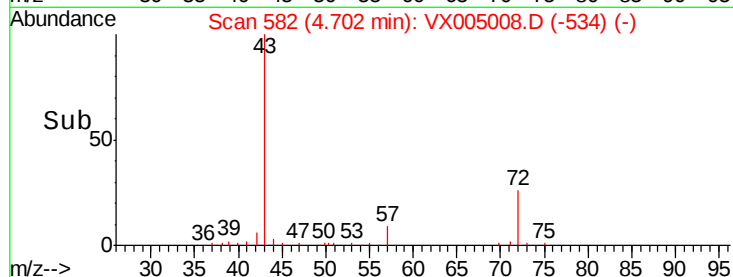
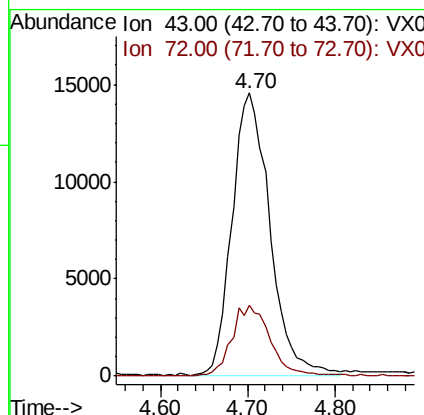
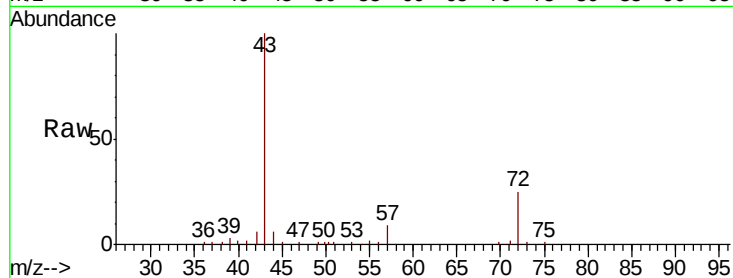




#25
2-Butanone
Concen: 13.636 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

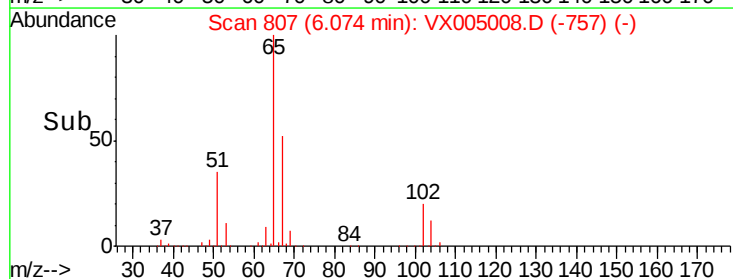
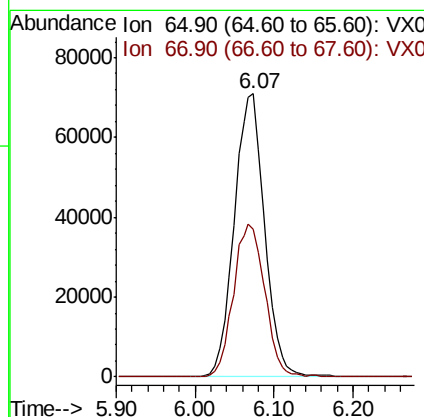
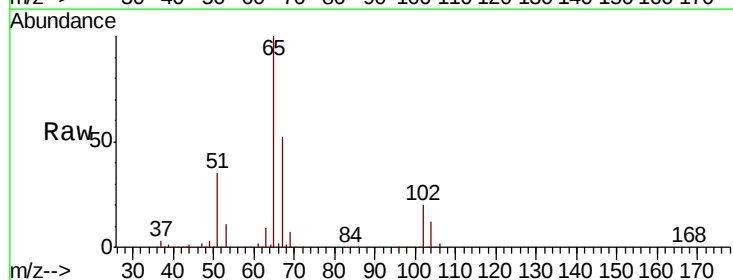
Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

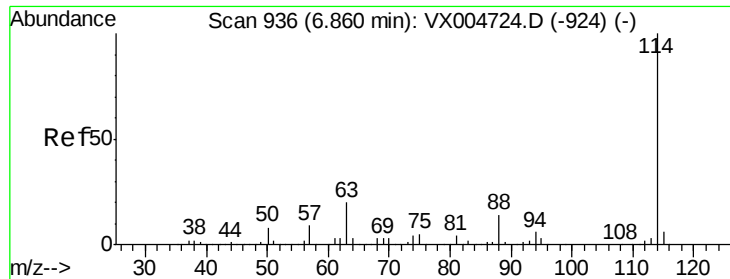
Tot Ion: 43 Resp: 44107
Ion Ratio Lower Upper
43 100
72 25.3 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 50.436 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 65 Resp: 189571
Ion Ratio Lower Upper
65 100
67 56.0 0.0 107.4

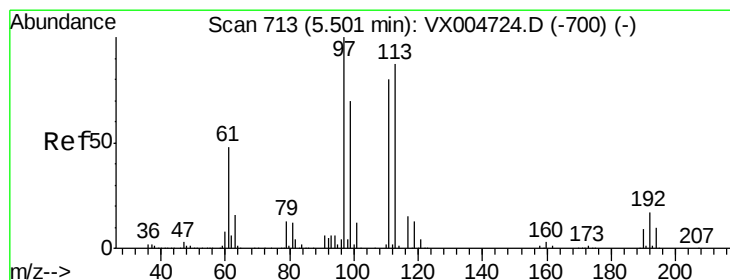
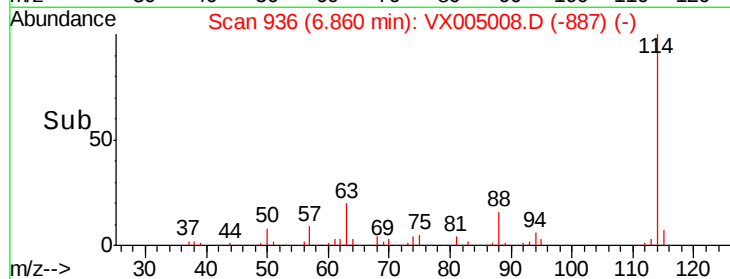
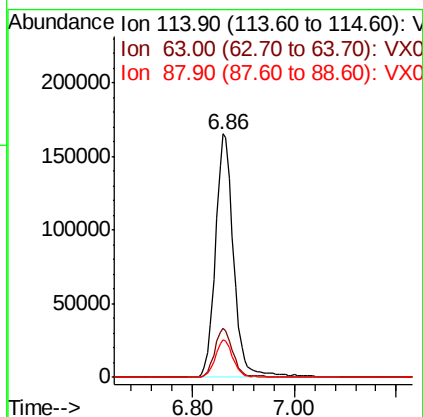
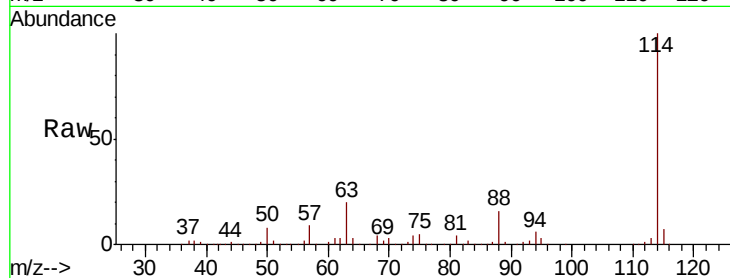




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

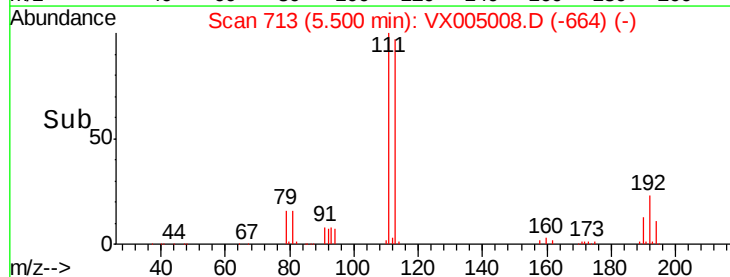
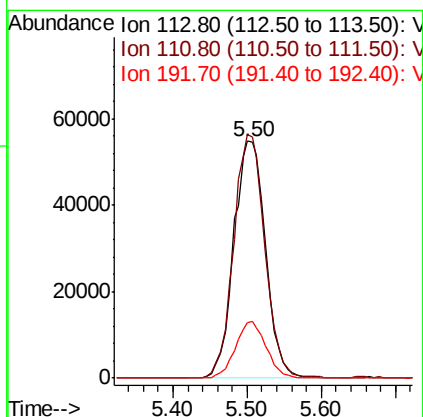
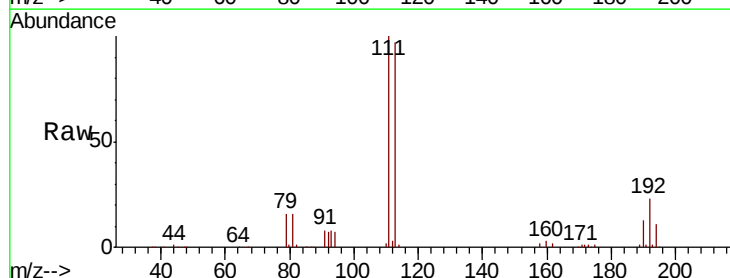
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446TB

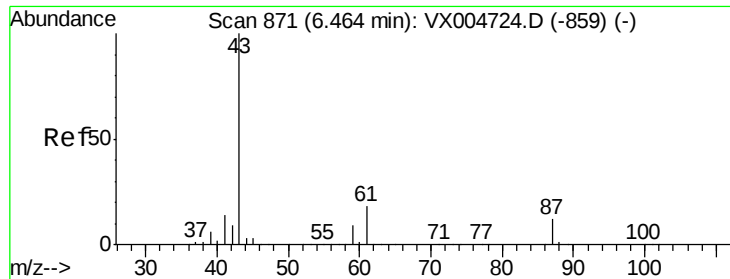
Tot Ion:114 Resp: 411816
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.6 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 46.975 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Tgt Ion:113 Resp: 163953
 Ion Ratio Lower Upper
 113 100
 111 100.9 77.0 115.4
 192 23.0 17.0 25.6





#43

Isopropyl Acetate

Concen: 24.958 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

PB113446TB

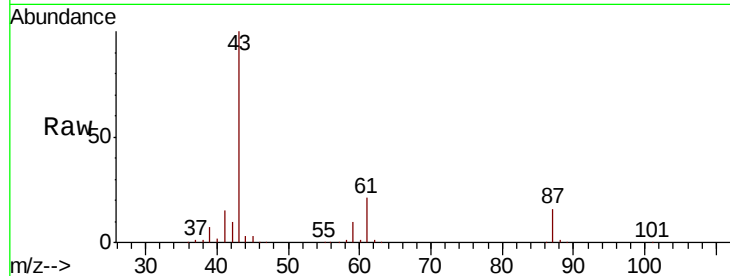
Tot Ion: 43 Resp: 227700

Ion Ratio Lower Upper

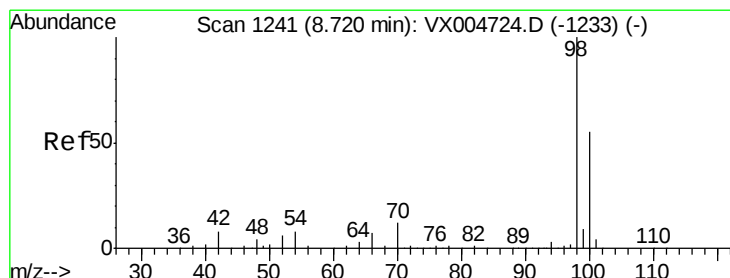
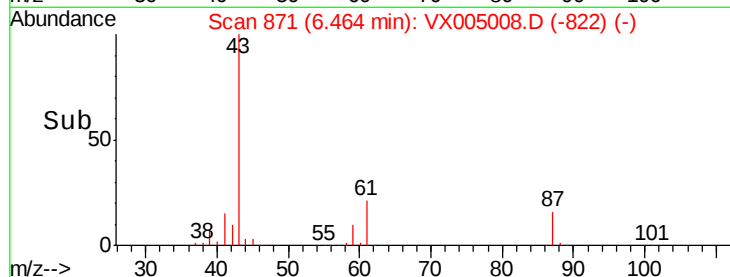
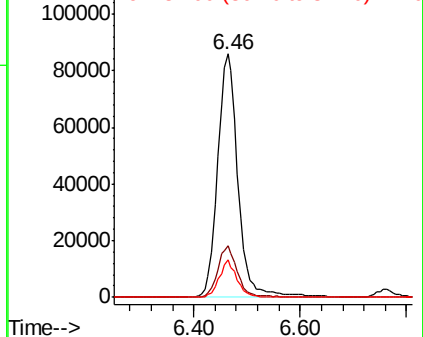
43 100

61 20.3 14.2 21.4

87 13.4 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: 50.333 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005008.D

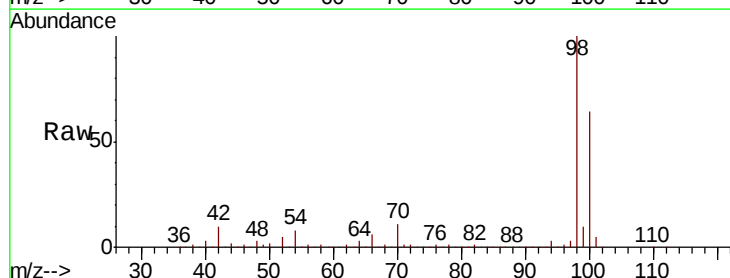
Acq: 04 Oct 2018 09:34

Tgt Ion: 98 Resp: 584015

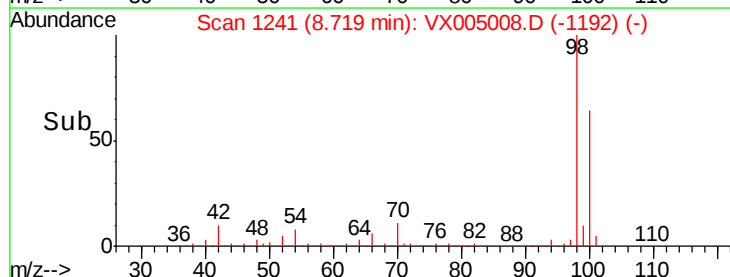
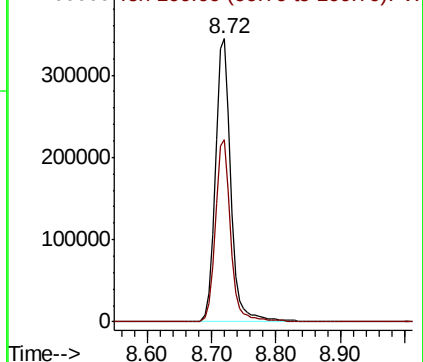
Ion Ratio Lower Upper

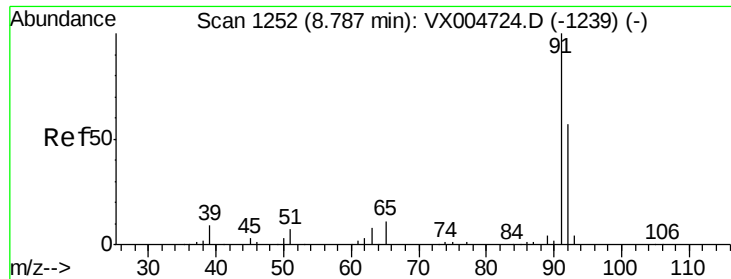
98 100

100 63.4 51.9 77.9



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





#52

Toluene

Concen: 3.422 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

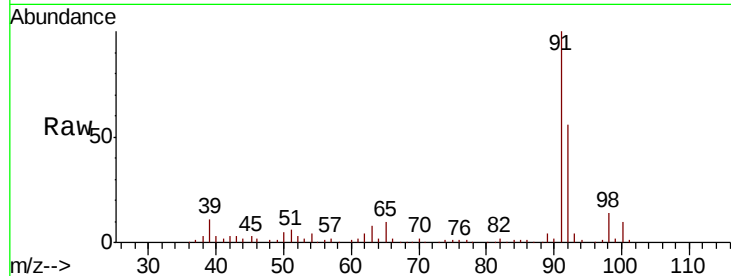
PB113446TB

Tot Ion: 92 Resp: 28035

Ion Ratio Lower Upper

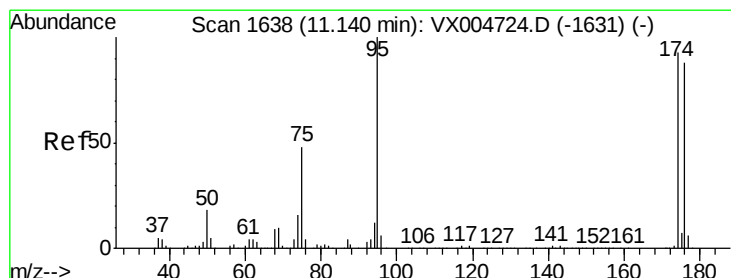
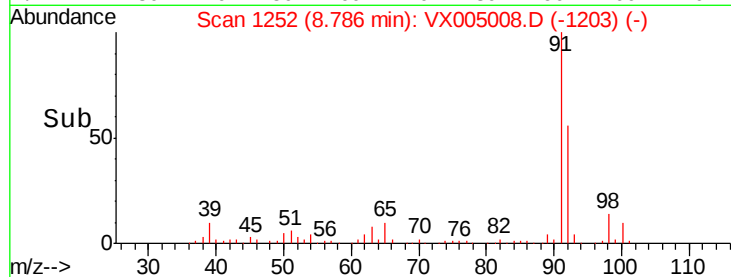
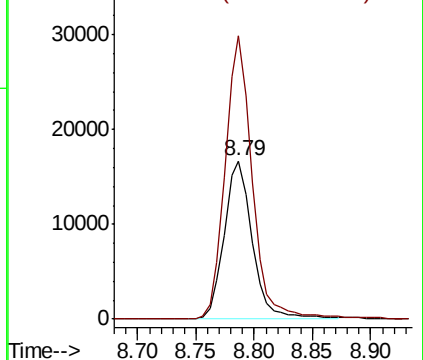
92 100

91 174.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.059 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

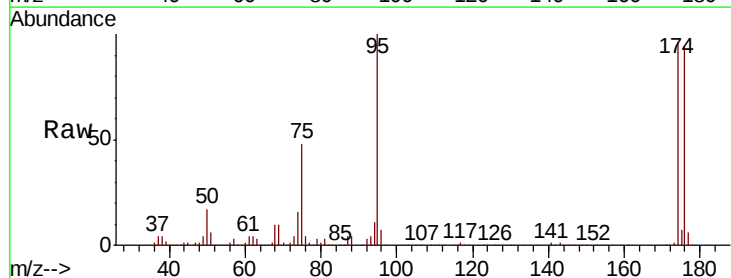
Tgt Ion: 95 Resp: 225973

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

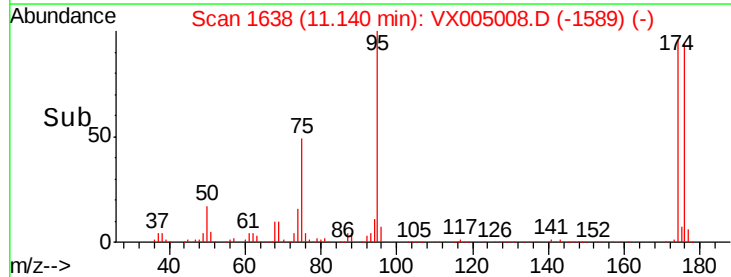
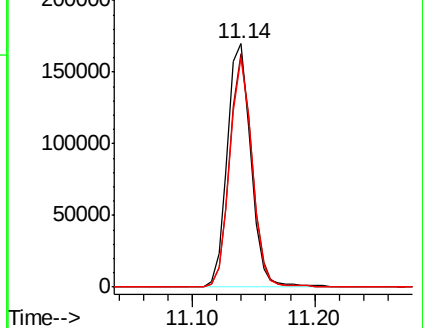
176 89.3 0.0 180.2

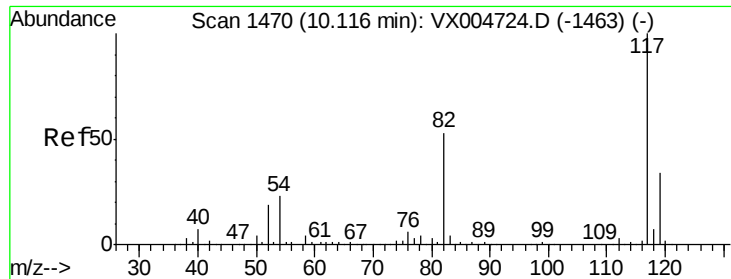


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

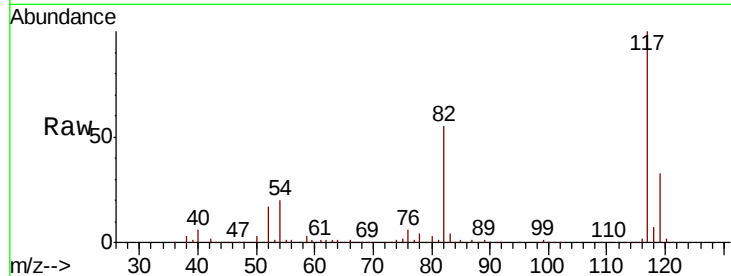




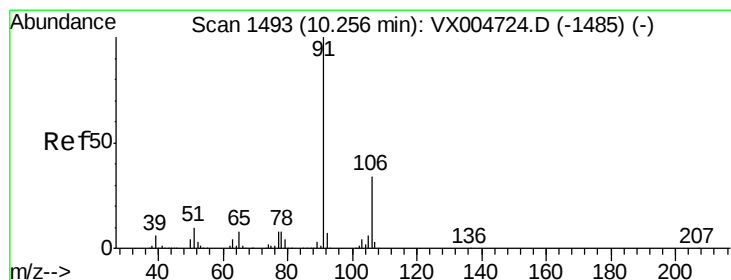
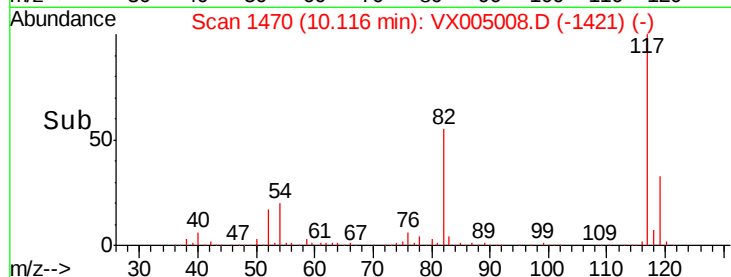
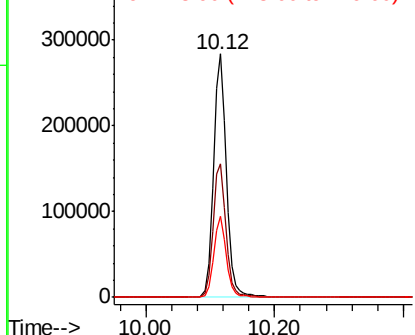
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampled :
PB113446TB

Tot Ion:117 Resp: 400439
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 33.1 27.4 41.0

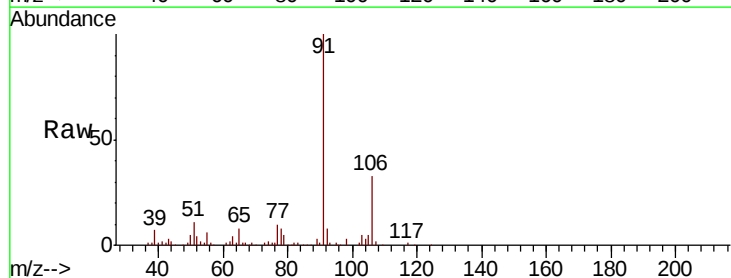


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

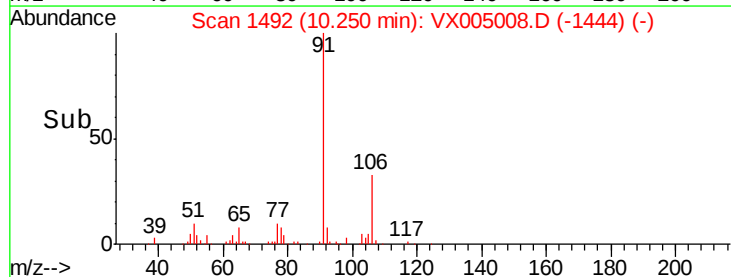
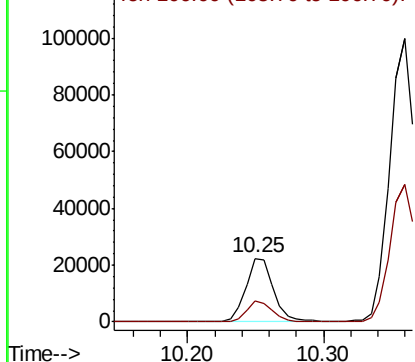


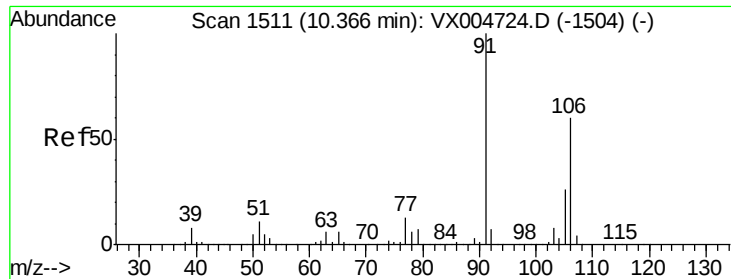
#67
Ethyl Benzene
Concen: 1.979 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 91 Resp: 32267
Ion Ratio Lower Upper
91 100
106 33.1 26.9 40.3



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

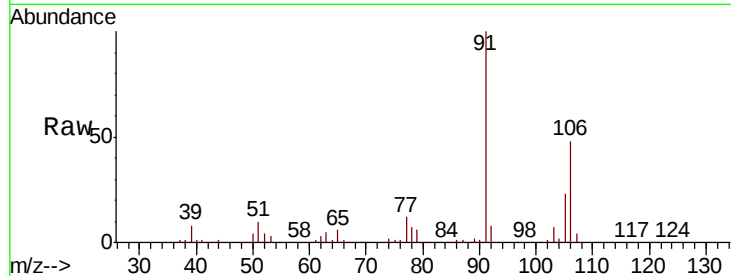




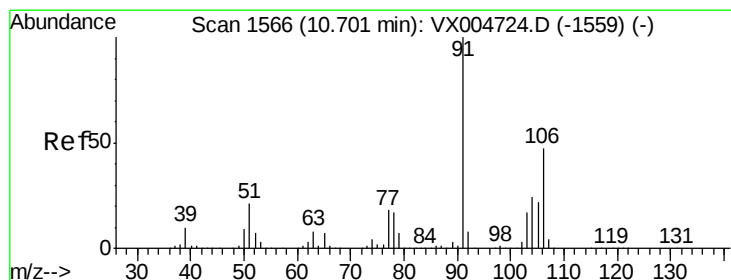
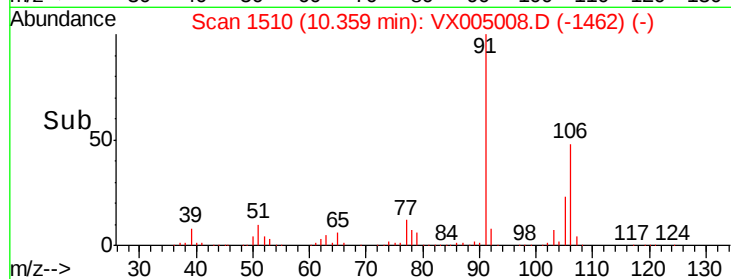
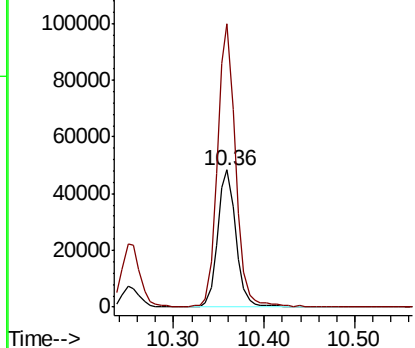
#68
m/p-Xvlenes
Concen: 10.723 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampled :
PB113446TB

Tot Ion:106 Resp: 68312
Ion Ratio Lower Upper
106 100
91 203.6 157.5 236.3

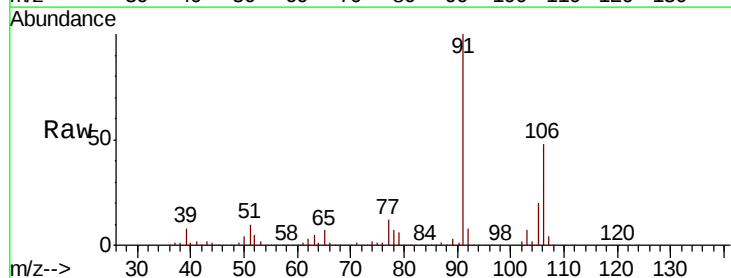


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

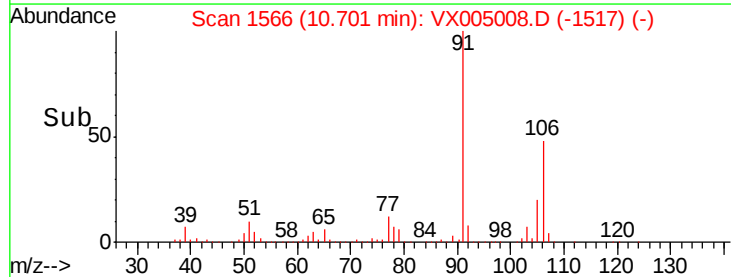
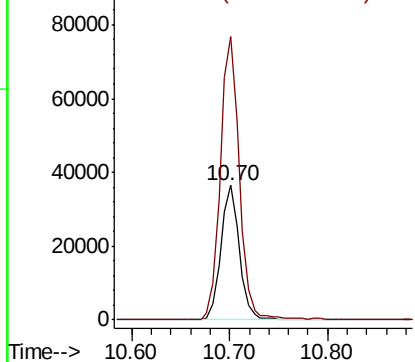


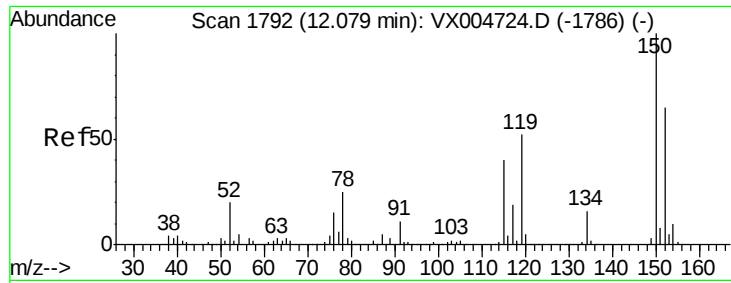
#69
o-Xylene
Concen: 8.158 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion:106 Resp: 47735
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.8



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



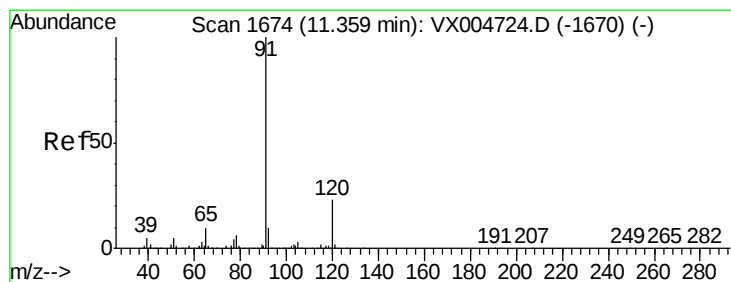
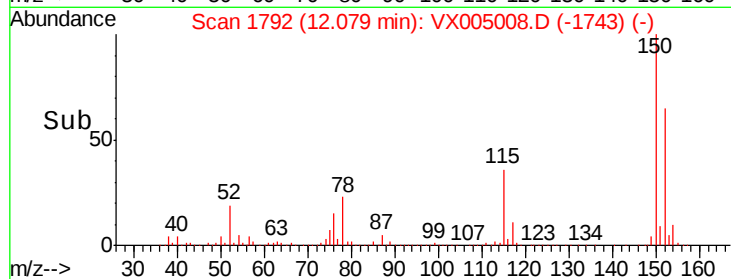
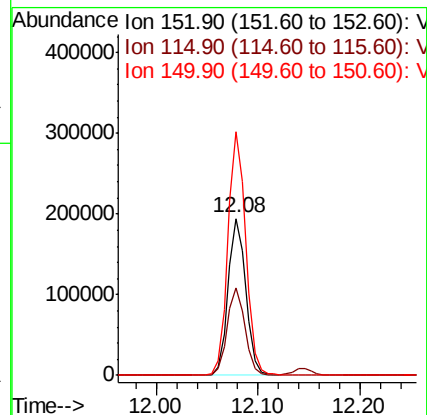
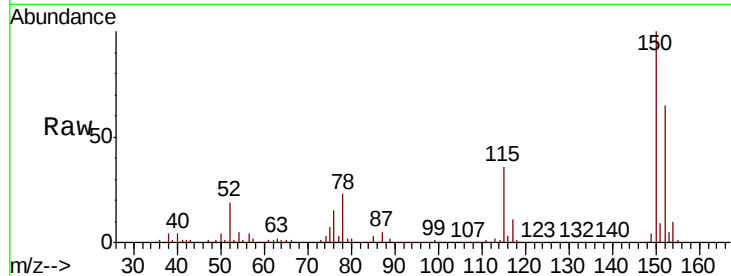


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

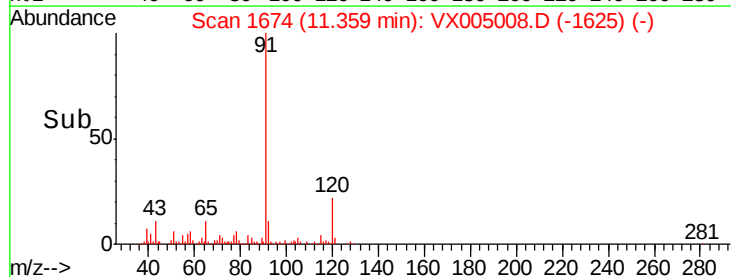
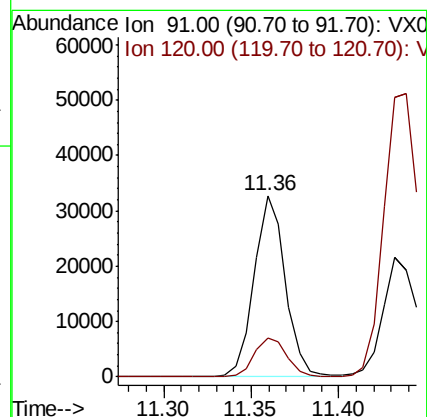
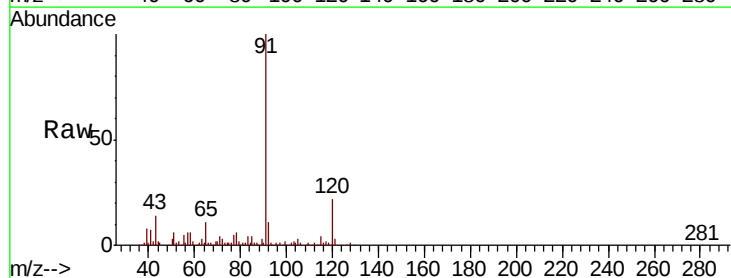
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.2	120.6
150	155.8	0.0	351.0

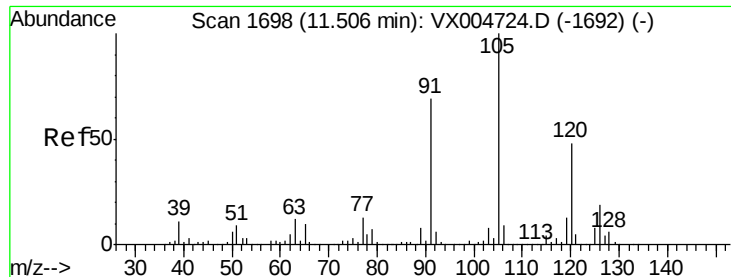


#78

n-propylbenzene
Concen: 2.363 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	12.0	36.0

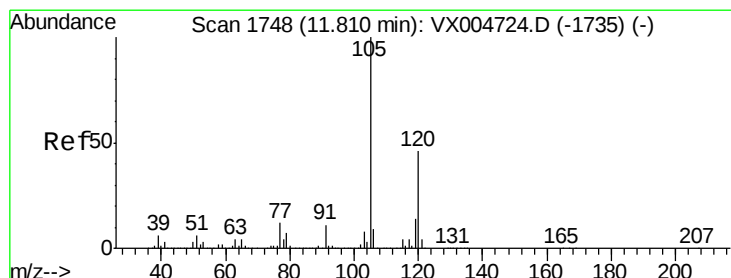
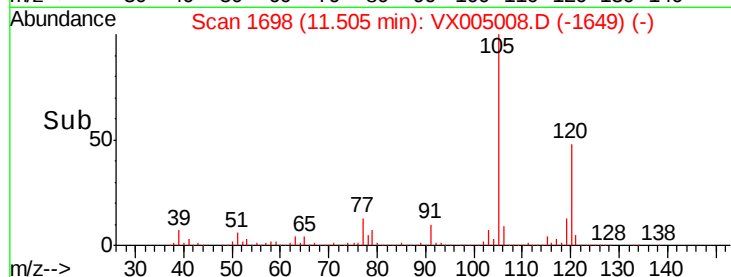
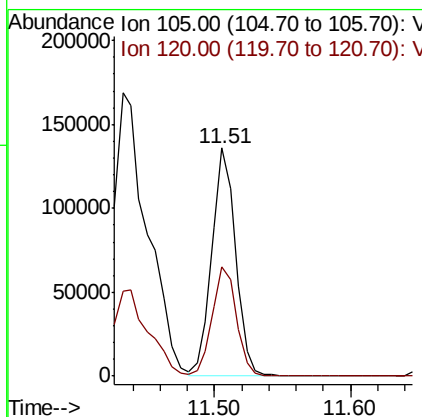
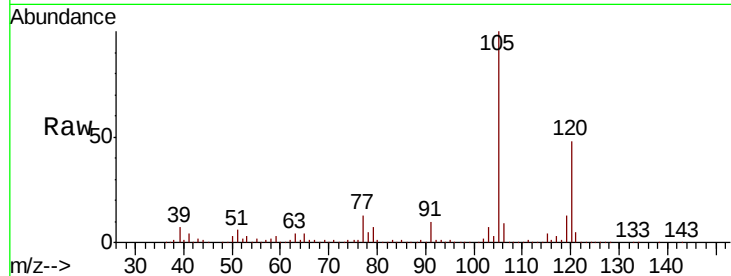




#80
 1,3,5-Trimethylbenzene
 Concen: 12.030 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

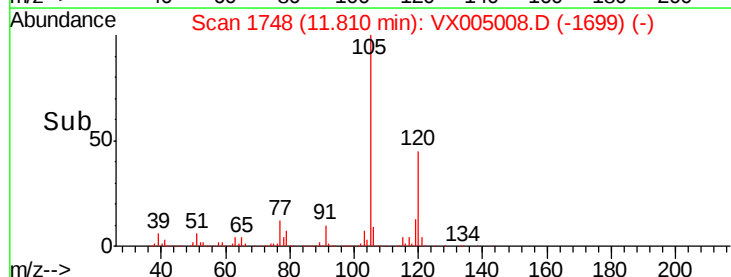
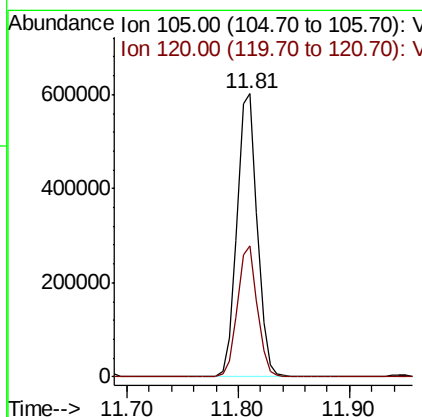
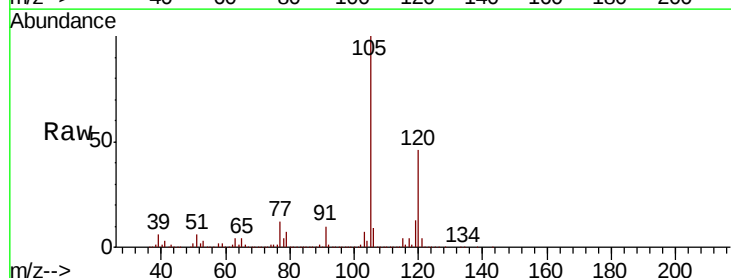
Instrument :
 MSVOA_X
 ClientSampleID :
 PB113446TB

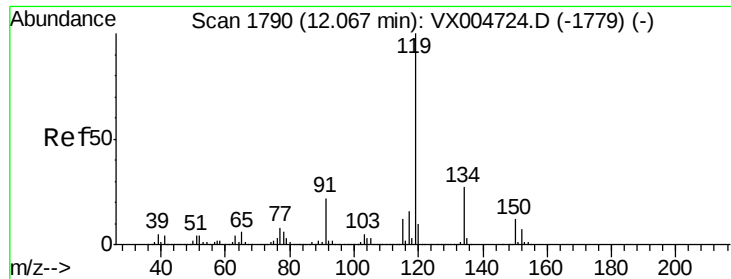
Tot Ion:105 Resp: 165615
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.913 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Tgt Ion:105 Resp: 755751
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3

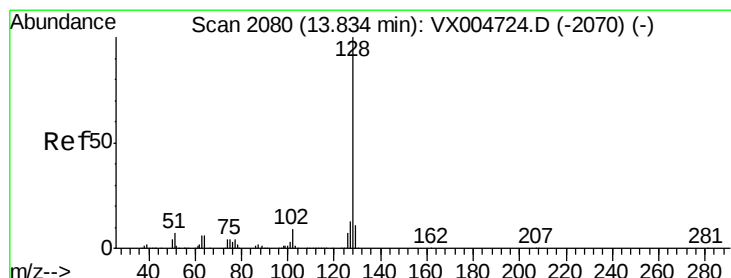
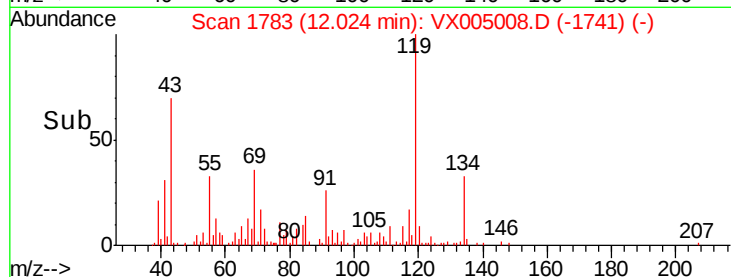
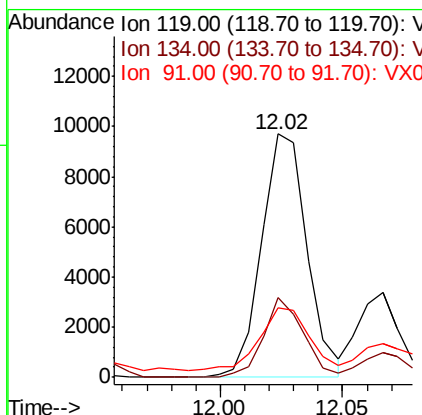
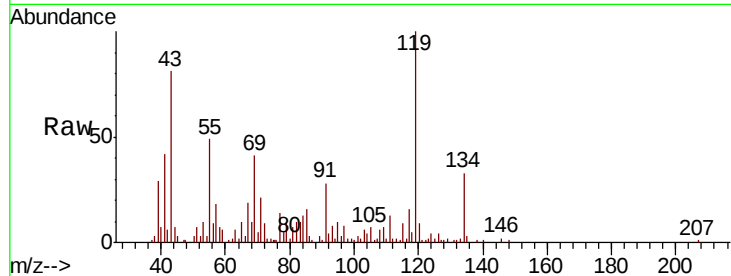




#86
p-Isopropyltoluene
Concen: 0.928 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

Tot Ion:119 Resp: 12508
Ion Ratio Lower Upper
119 100
134 29.1 13.4 40.1
91 27.4 11.5 34.4



#95
Naphthalene
Concen: 14.136 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion:128 Resp: 266493
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1

