

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004929.D
 Acq On : 02 Oct 2018 19:55
 Operator : JC/MD
 Sample : PB113364ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#06

Quant Time: Oct 03 06:45:39 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	5.67	168	198905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176313	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	158011	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
35) Dibromofluoromethane	5.51	113	134635	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	8.72	98	492217	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.14	95	175190	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	

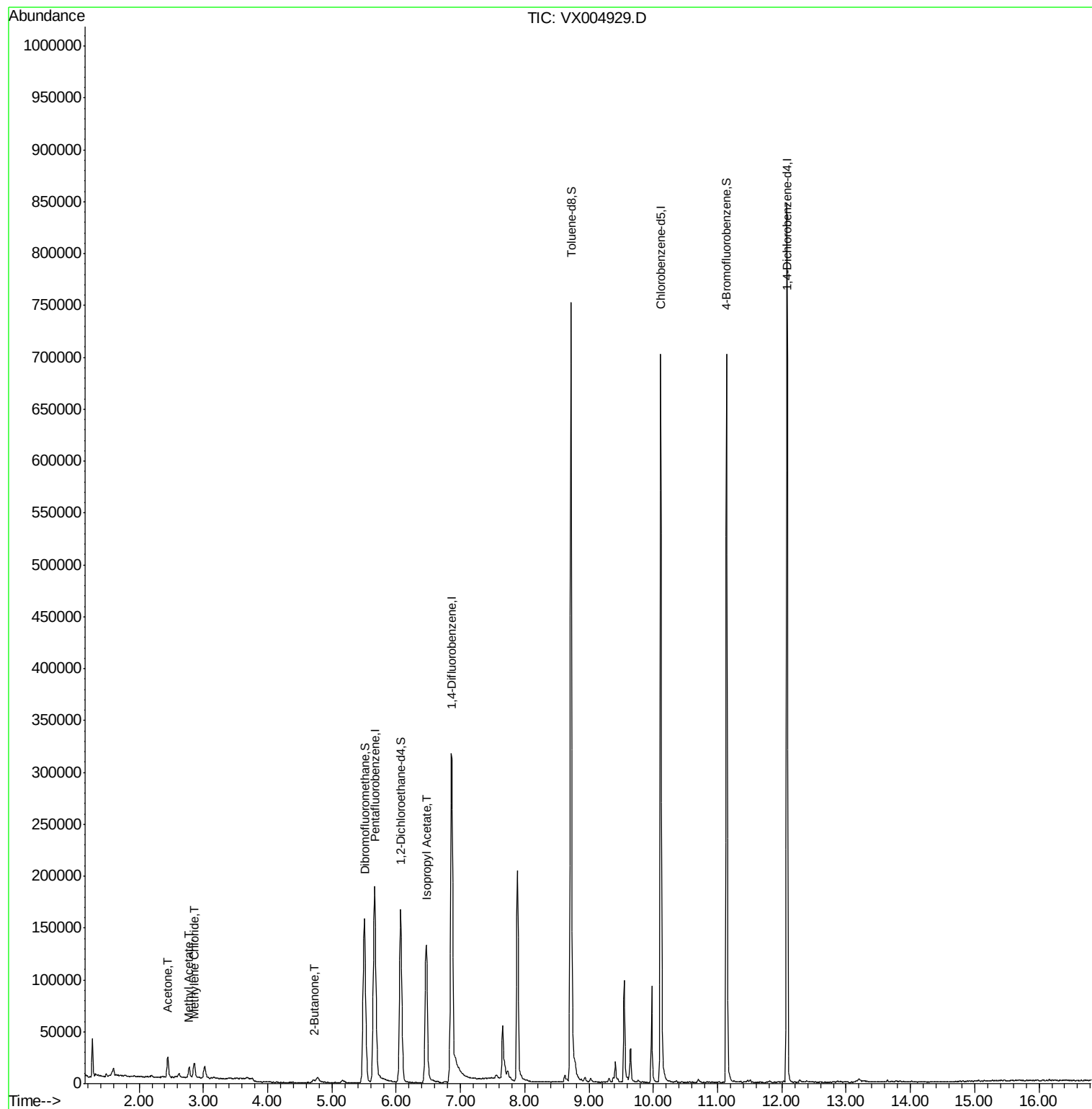
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21640	13.045	ug/l	98
18) Methyl Acetate	2.78	43	12859	3.060	ug/l	98
20) Methylene Chloride	2.86	84	6372	1.834	ug/l	91
25) 2-Butanone	4.71	43	4494	1.838	ug/l	91
43) Isopropyl Acetate	6.47	43	187508	25.321	ug/l	97

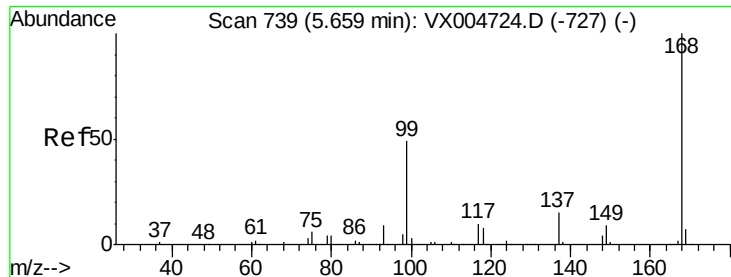
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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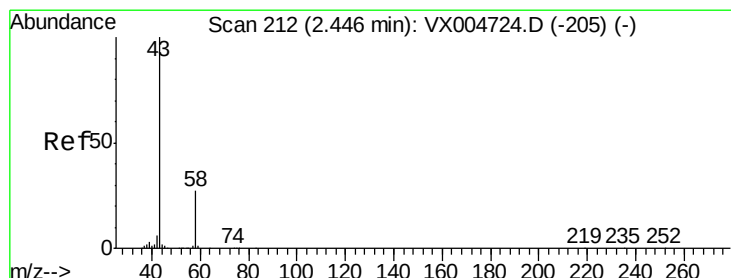
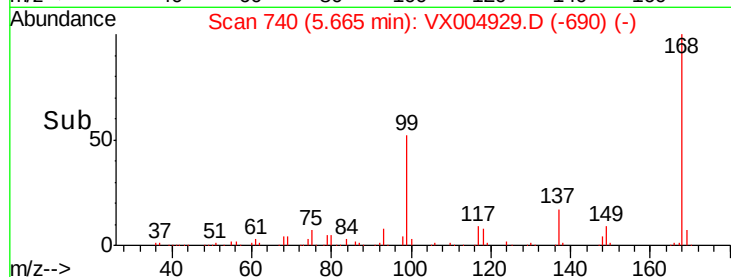
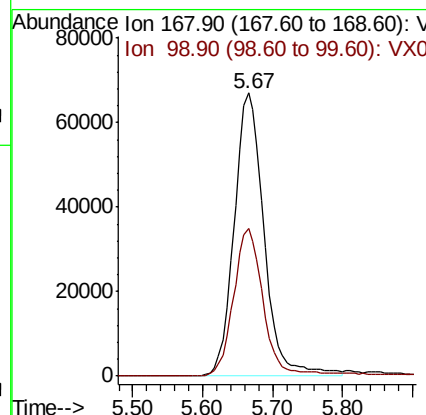
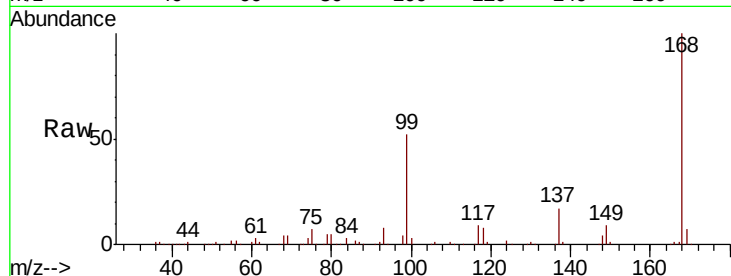




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

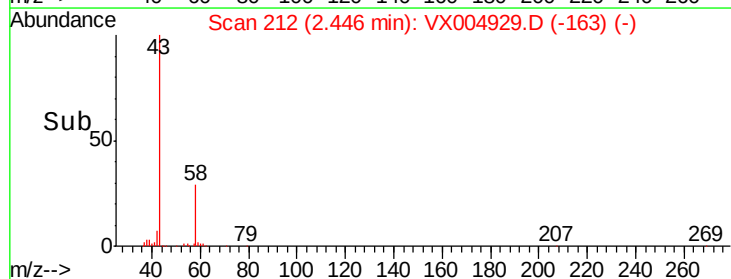
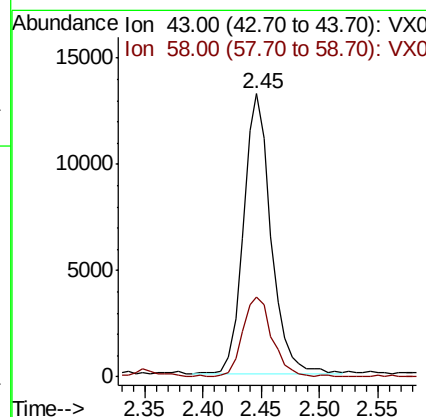
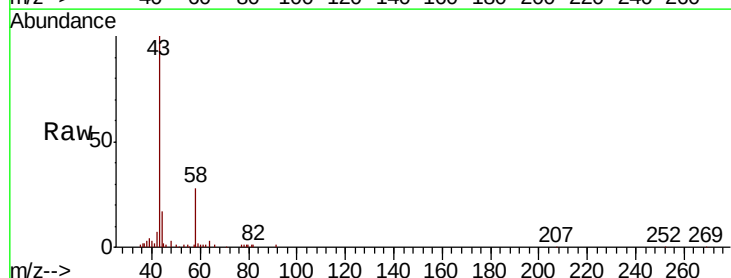
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#06

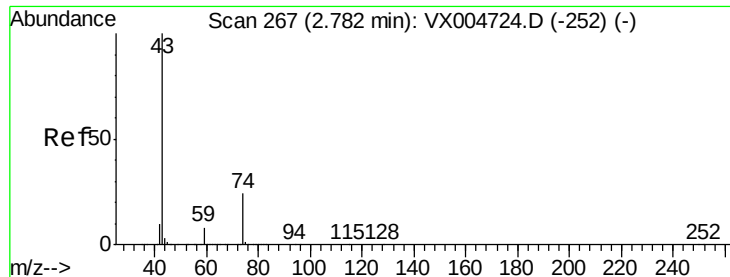
Tot Ion:168 Resp: 198905
Ion Ratio Lower Upper
168 100
99 52.4 39.3 58.9



#16
Acetone
Concen: 13.045 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

Tgt Ion: 43 Resp: 21640
Ion Ratio Lower Upper
43 100
58 28.5 21.8 32.6

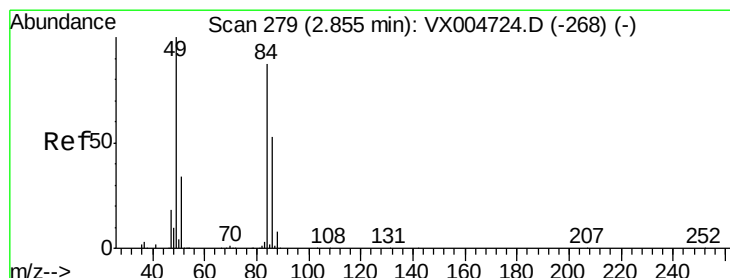
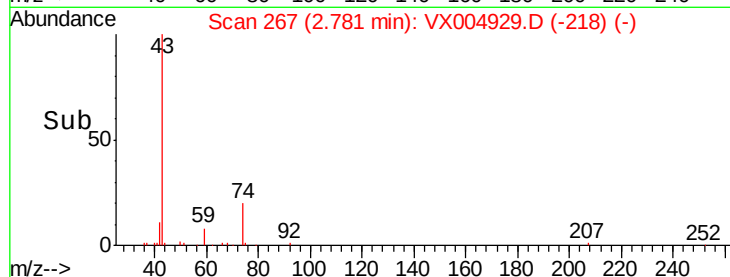
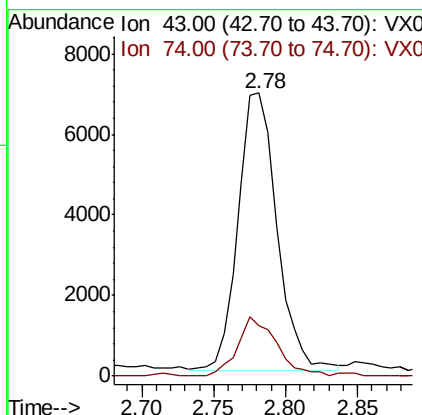
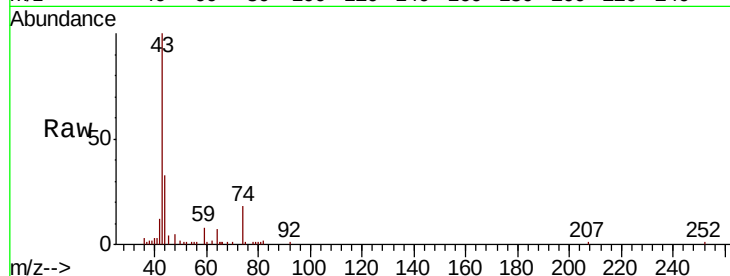




#18
Methvl Acetate
Concen: 3.060 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

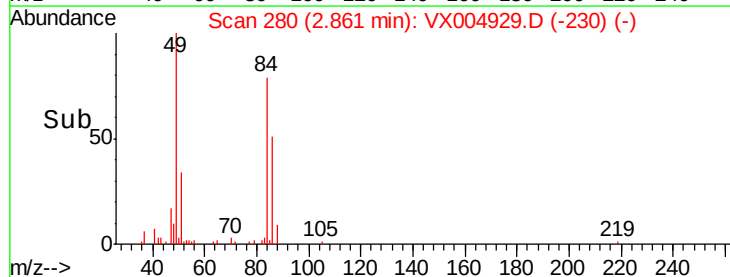
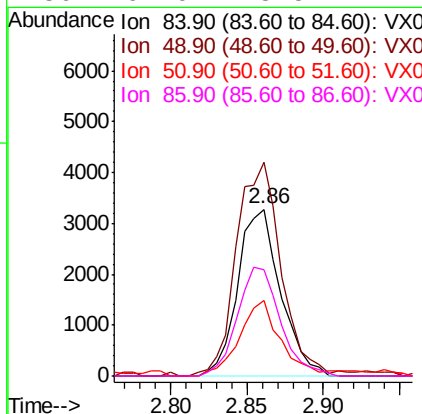
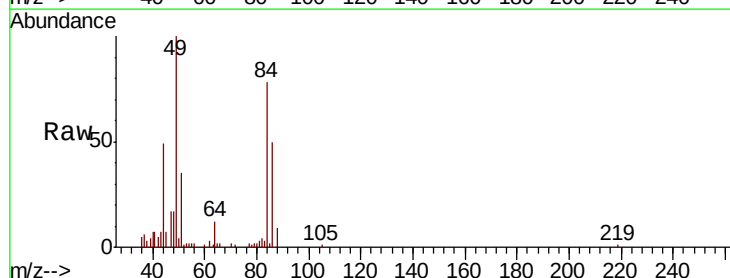
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#06

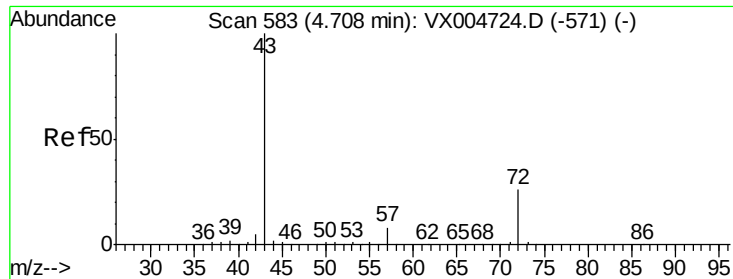
Tot Ion: 43 Resp: 12859
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 1.834 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

Tgt Ion: 84 Resp: 6372
Ion Ratio Lower Upper
84 100
49 127.9 92.3 138.5
51 45.3 31.8 47.6
86 64.0 48.5 72.7





#25

2-Butanone

Concen: 1.838 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

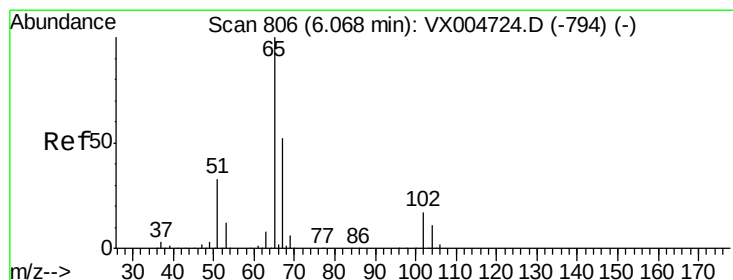
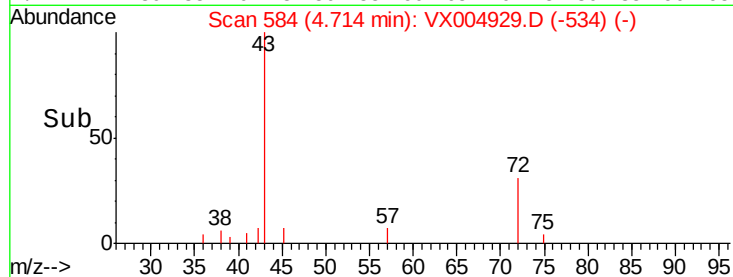
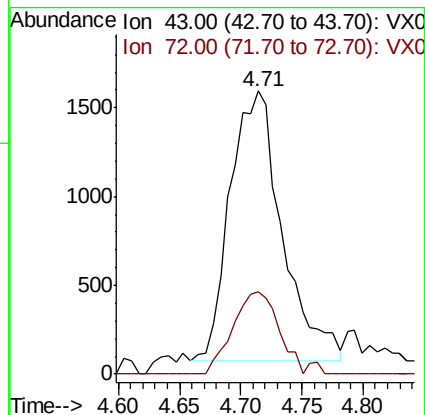
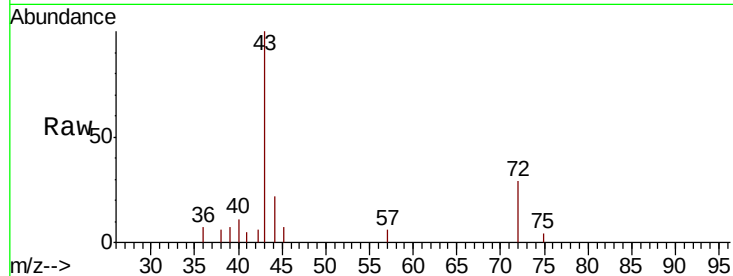
PB113364ZHE#06

Tot Ion: 43 Resp: 4494

Ion Ratio Lower Upper

43 100

72 30.7 20.8 31.2



#33

1,2-Dichloroethane-d4

Concen: 55.611 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004929.D

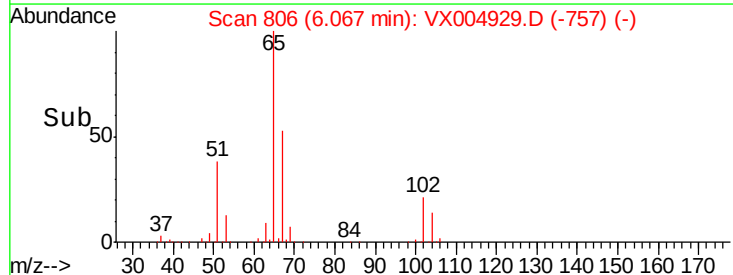
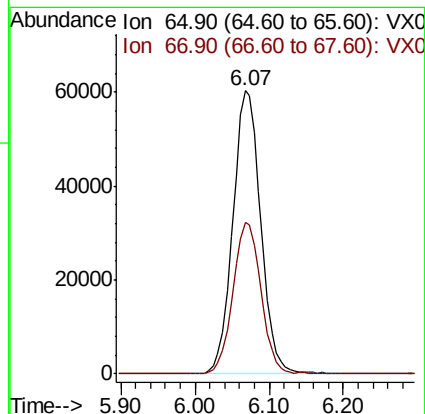
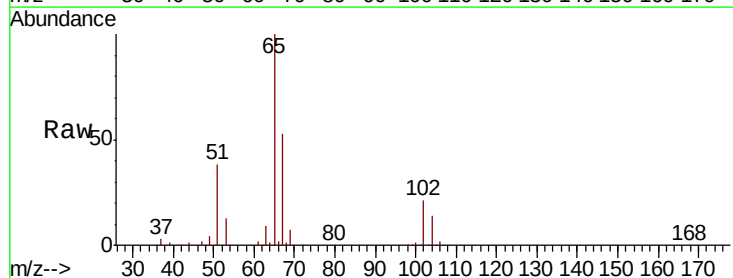
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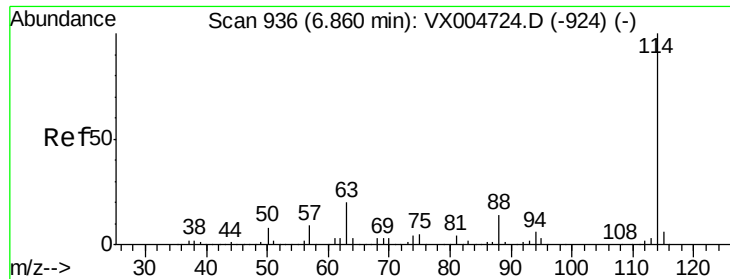
Tgt Ion: 65 Resp: 158011

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4

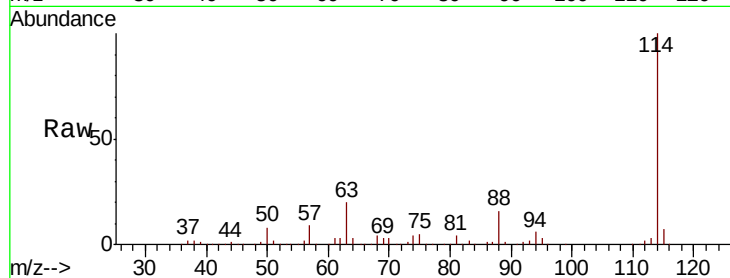




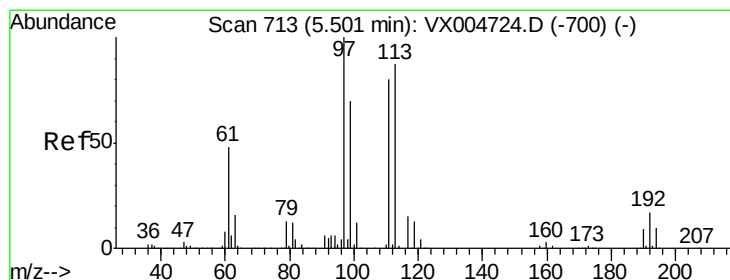
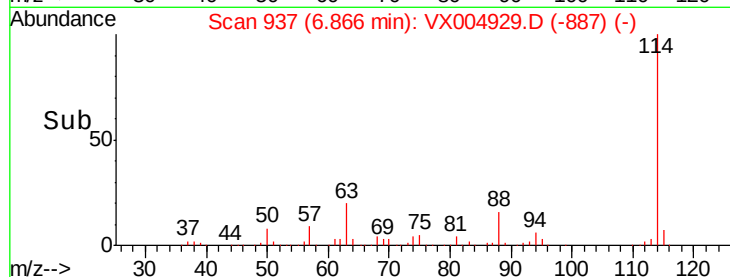
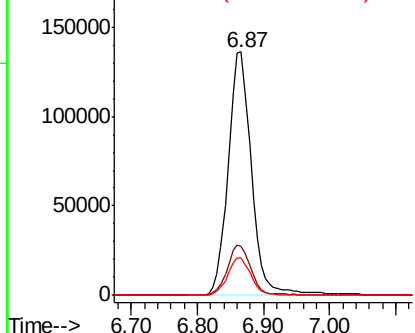
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#06

Tot Ion:114 Resp: 334262
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.6 0.0 27.0

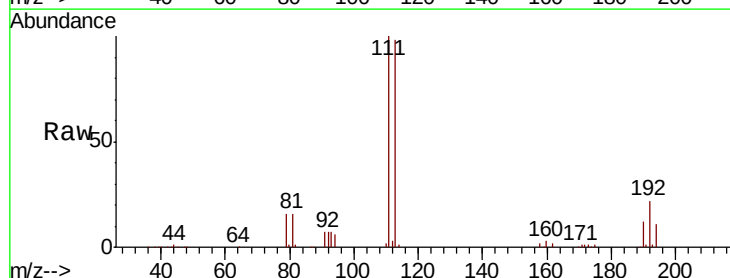


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

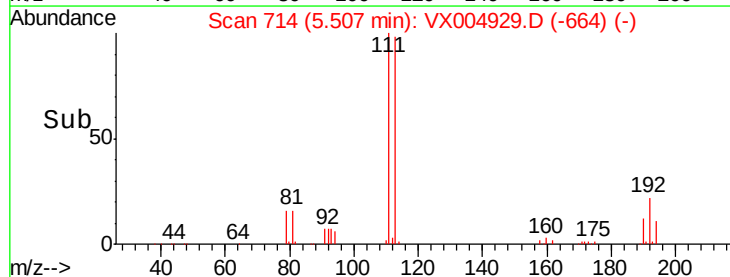
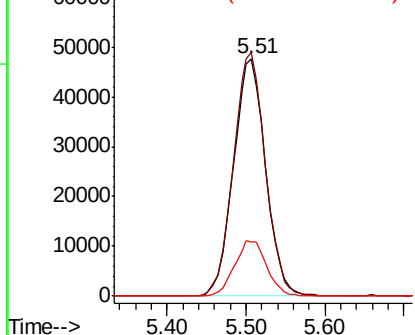


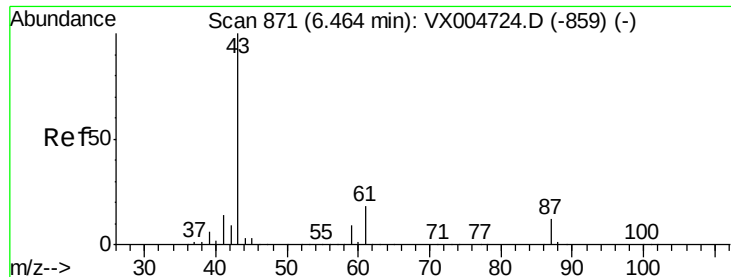
#35
 Dibromofluoromethane
 Concen: 47.525 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Tgt Ion:113 Resp: 134635
 Ion Ratio Lower Upper
 113 100
 111 102.2 77.0 115.4
 192 23.3 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: 25.321 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

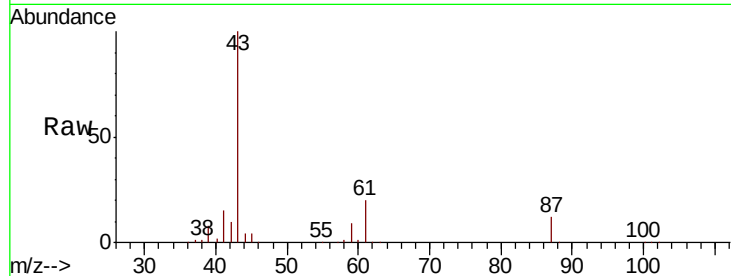
Tot Ion: 43 Resp: 187508

Ion Ratio Lower Upper

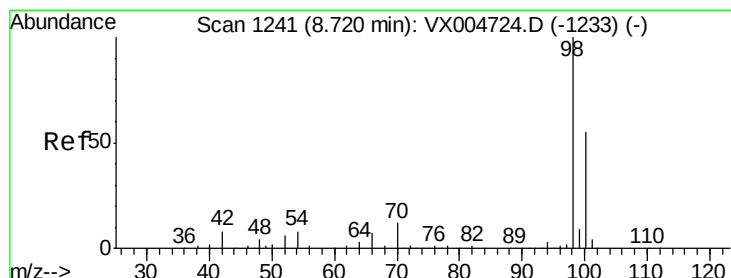
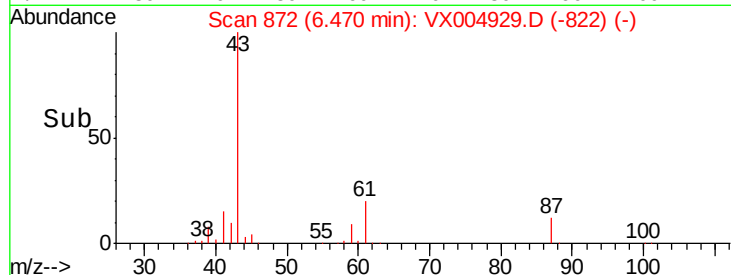
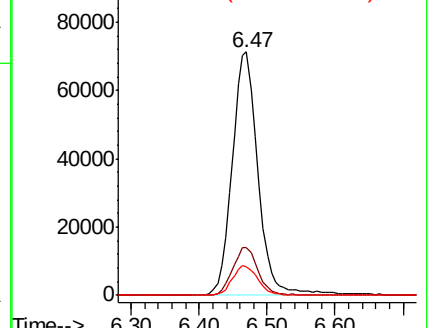
43 100

61 19.4 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



#50

Toluene-d8

Concen: 52.263 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004929.D

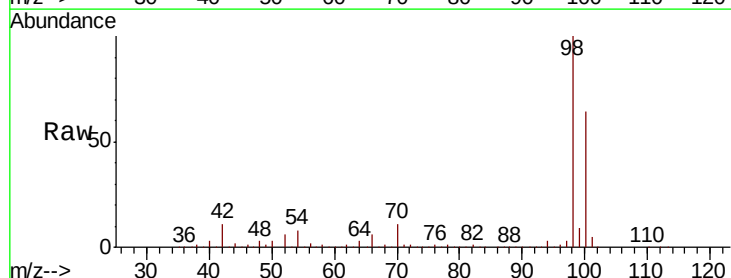
Acq: 02 Oct 2018 19:55

Tgt Ion: 98 Resp: 492217

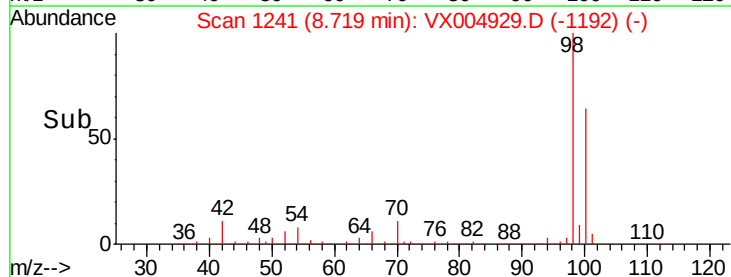
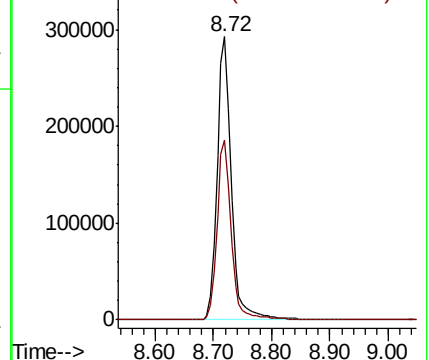
Ion Ratio Lower Upper

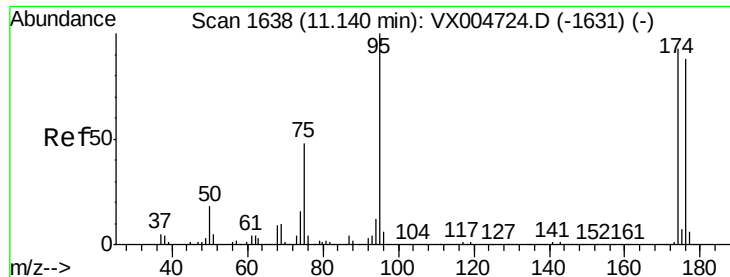
98 100

100 63.6 51.9 77.9



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

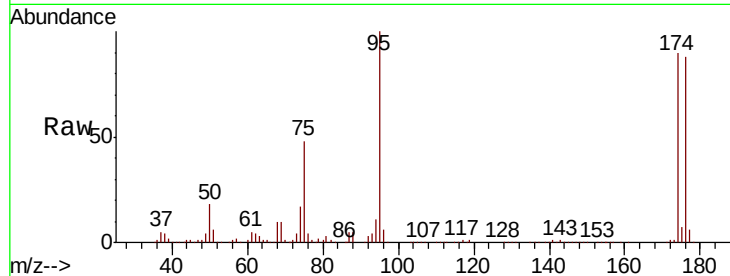




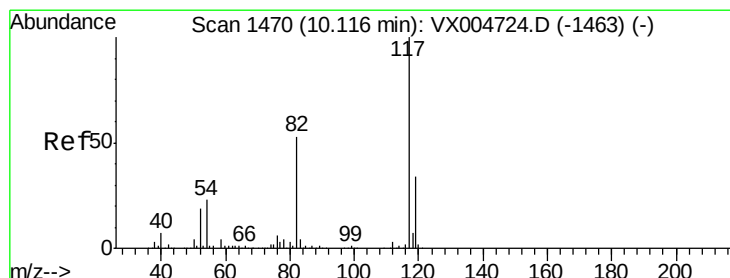
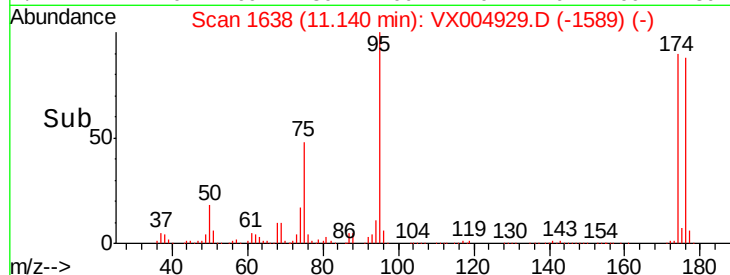
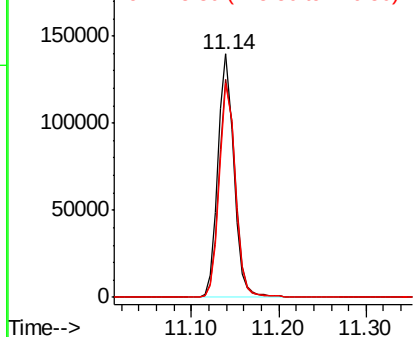
#62
4-Bromofluorobenzene
Concen: 51.634 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#06

Tot Ion: 95 Resp: 175190
Ion Ratio Lower Upper
95 100
174 91.5 0.0 185.0
176 88.2 0.0 180.2

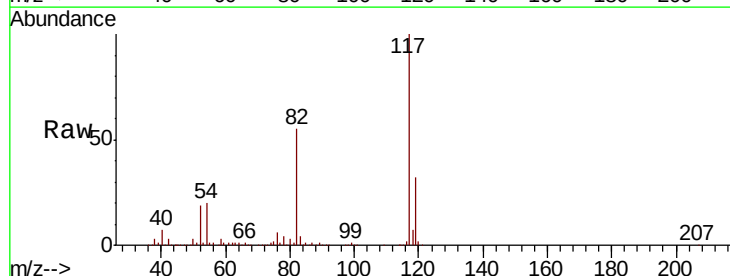


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

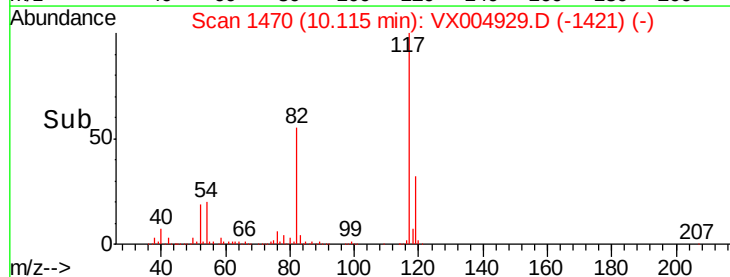
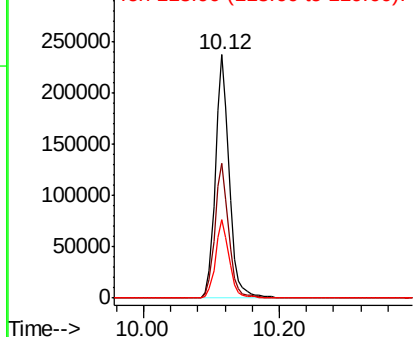


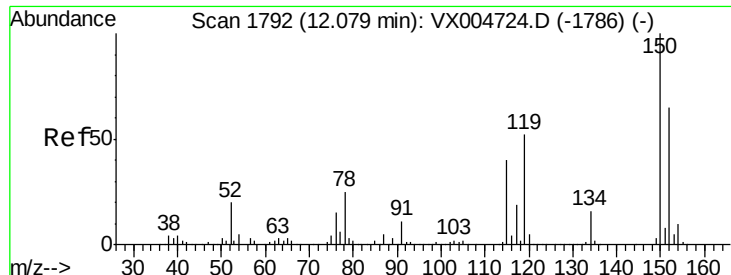
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

Tgt Ion: 117 Resp: 335585
Ion Ratio Lower Upper
117 100
82 55.5 42.2 63.4
119 32.1 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

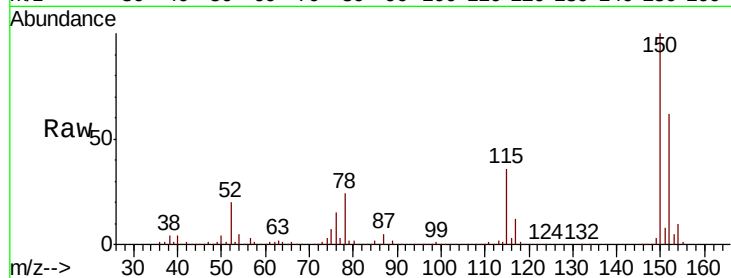
Tot Ion:152 Resp: 176313

Ion Ratio Lower Upper

152 100

115 56.1 40.2 120.6

150 159.2 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

