

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007355.D
 Acq On : 04 Feb 2019 13:23
 Operator : JC/SP
 Sample : PB116780TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116780TB

Quant Time: Feb 05 00:21:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

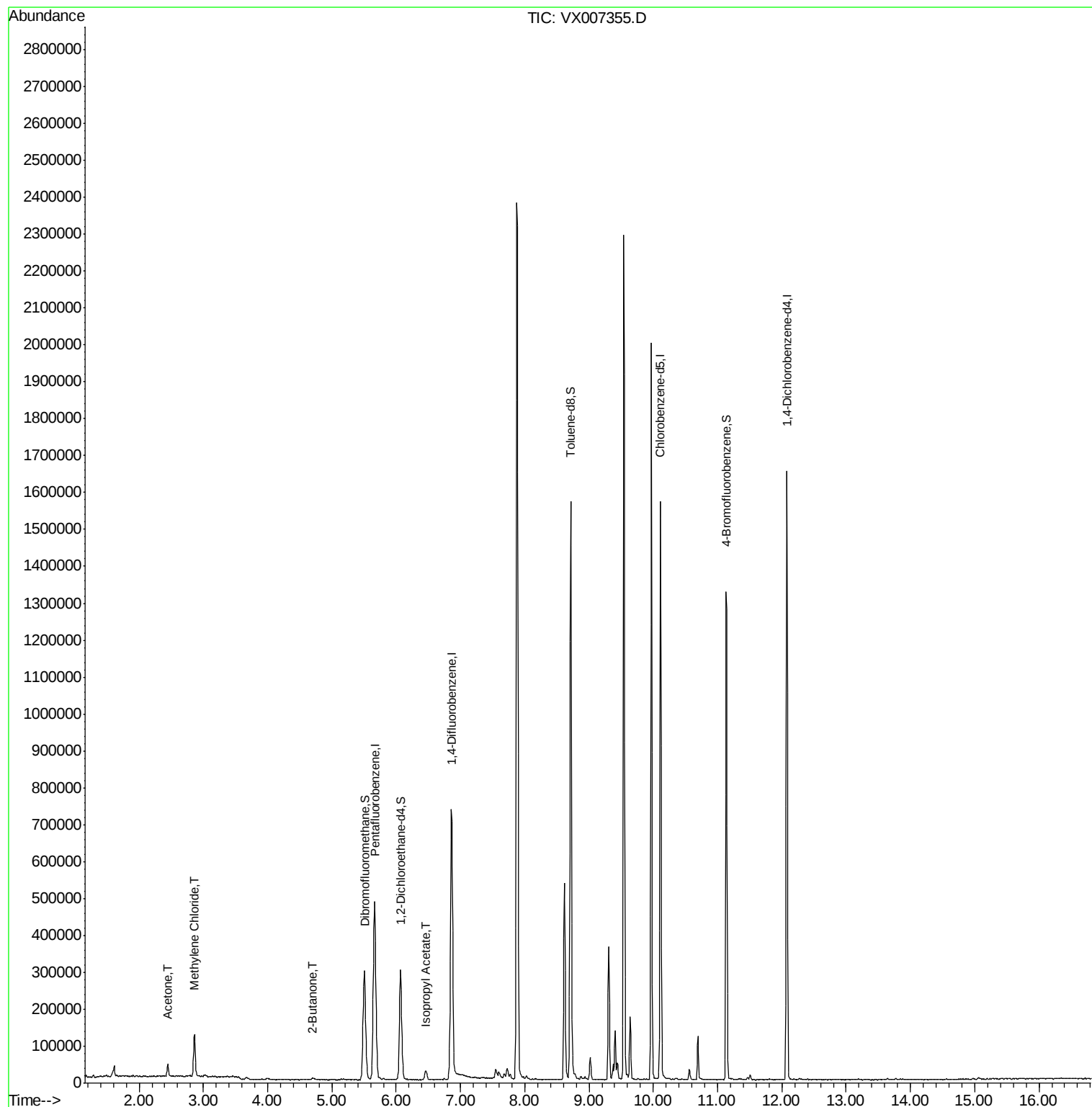
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	499550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	778085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	757067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	271498	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	5.51	113	246541	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	956843	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.13	95	337154	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
Target Compounds						
16) Acetone	2.45	43	34626	14.256	ug/l	99
20) Methylene Chloride	2.86	84	53511	10.475	ug/l	96
25) 2-Butanone	4.70	43	7590	2.196	ug/l #	85
43) Isopropyl Acetate	6.46	43	32299	2.965	ug/l	95

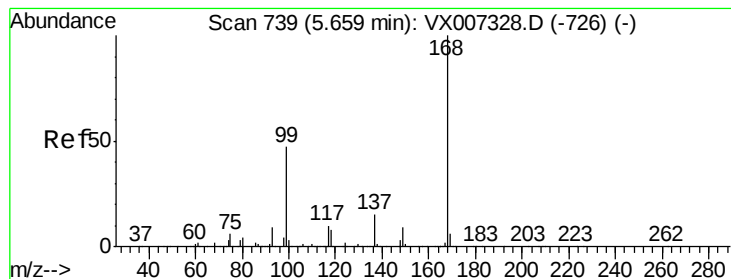
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 02 01:32:36 2019
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: VX007355.D

Acq: 04 Feb 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

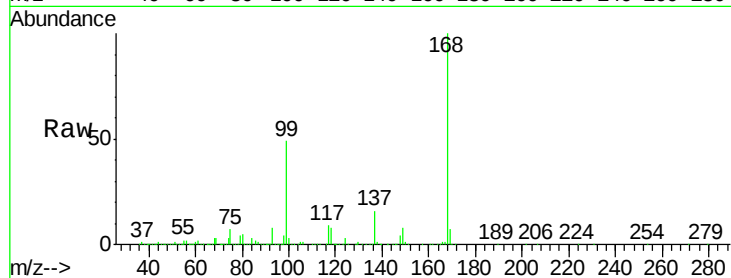
PB116780TB

Tot Ion:168 Resp: 499550

Ion Ratio Lower Upper

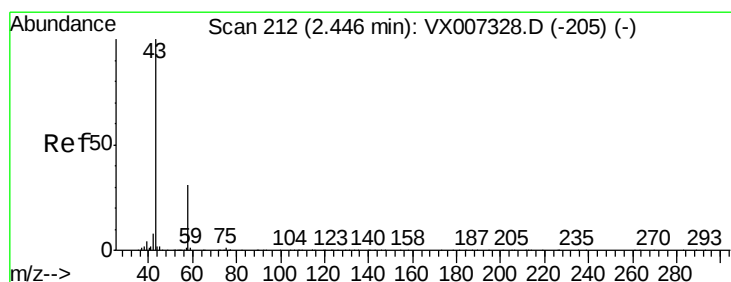
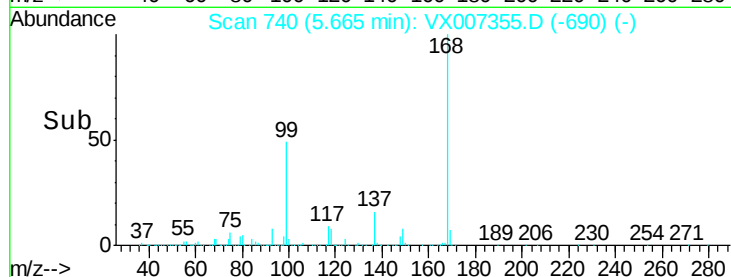
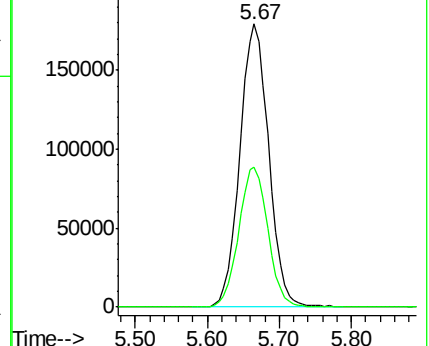
168 100

99 49.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.256 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007355.D

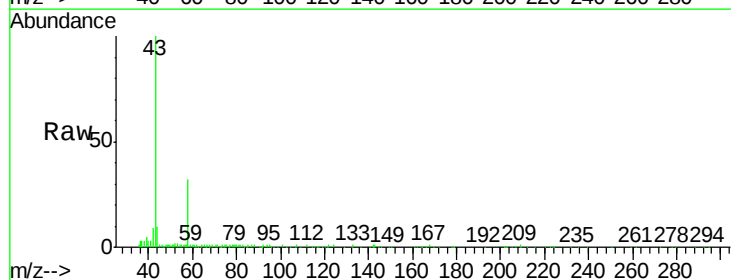
Acq: 04 Feb 2019 13:23

Tgt Ion: 43 Resp: 34626

Ion Ratio Lower Upper

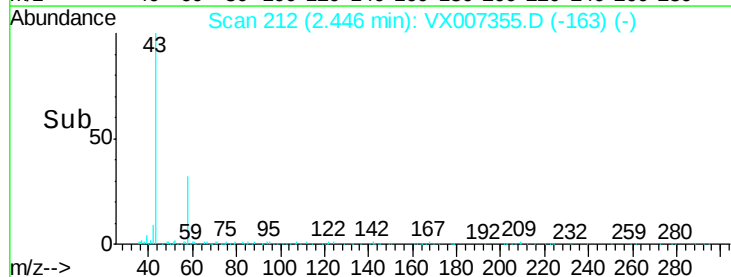
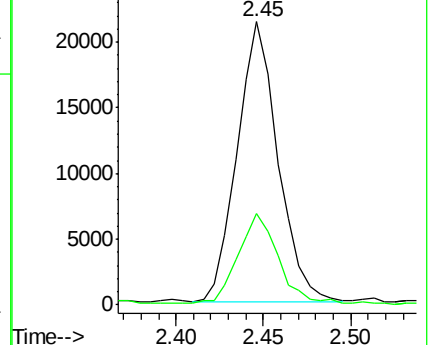
43 100

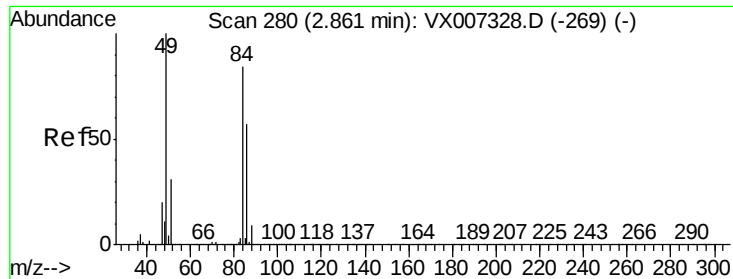
58 31.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

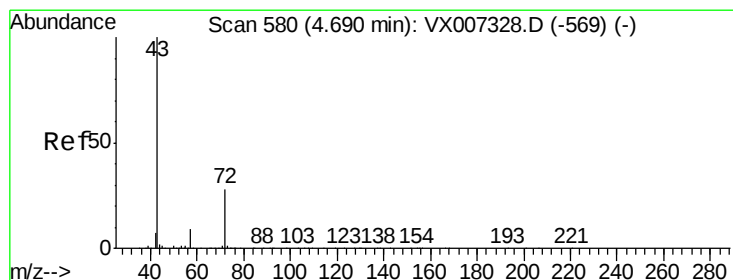
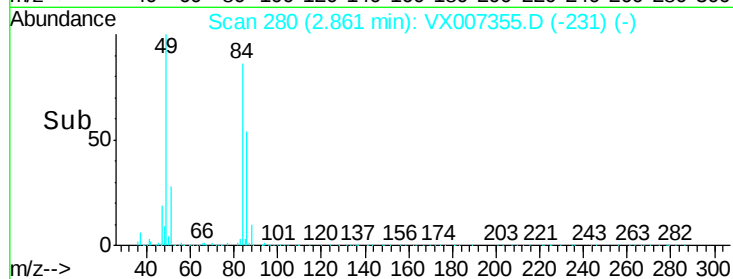
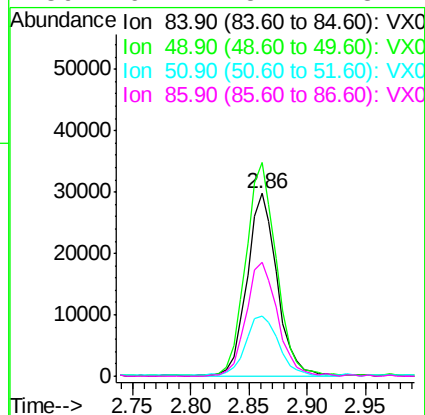
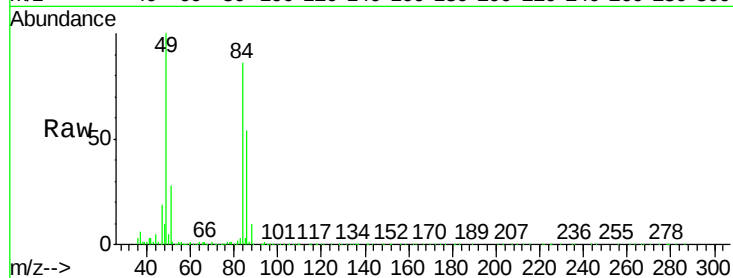




#20
Methvlene Chloride
Concen: 10.475 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007355.D
Acq: 04 Feb 2019 13:23

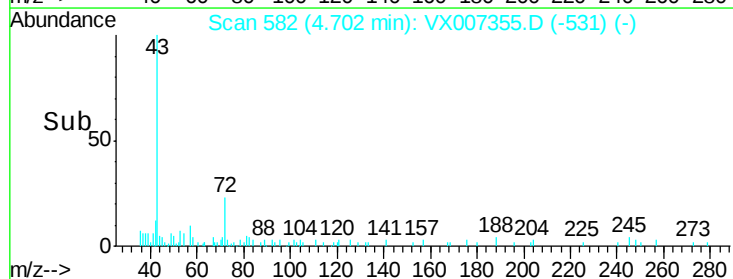
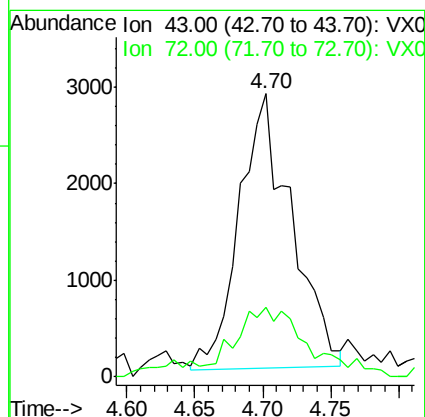
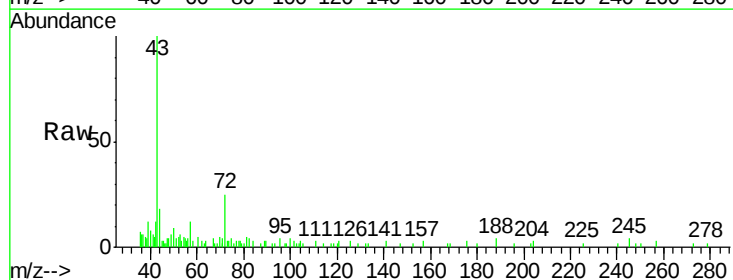
Instrument :
MSVOA_X
ClientSampleId :
PB116780TB

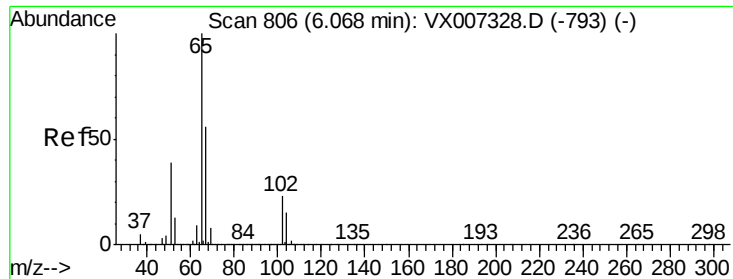
Tot Ion:	84	Resp:	53511
Ion	Ratio	Lower	Upper
84	100		
49	116.2	94.8	142.2
51	32.0	29.8	44.8
86	62.7	54.1	81.1



#25
2-Butanone
Concen: 2.196 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007355.D
Acq: 04 Feb 2019 13:23

Tgt Ion:	43	Resp:	7590
Ion	Ratio	Lower	Upper
43	100		
72	19.9	22.2	33.2#





#33

1,2-Dichloroethane-d4

Concen: 51.204 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007355.D

Acq: 04 Feb 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

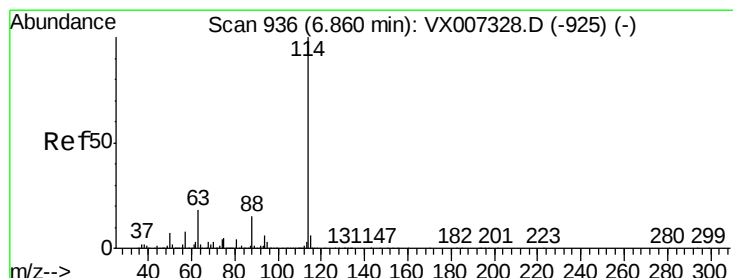
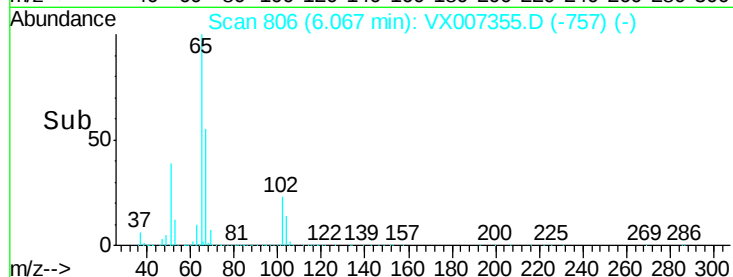
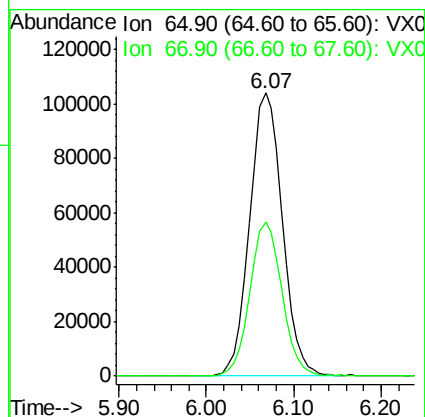
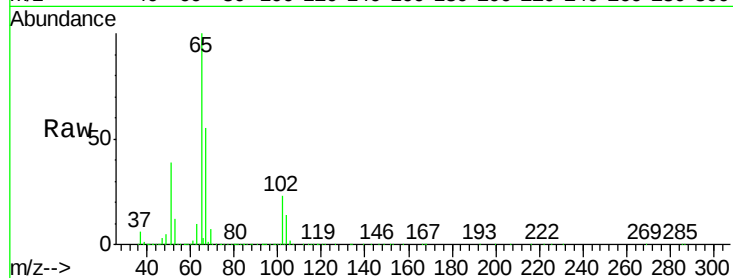
PB116780TB

Tot Ion: 65 Resp: 271498

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007355.D

Acq: 04 Feb 2019 13:23

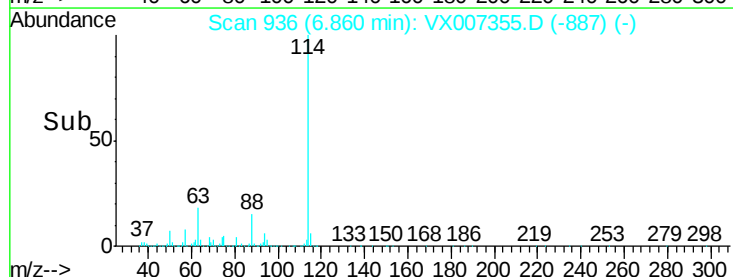
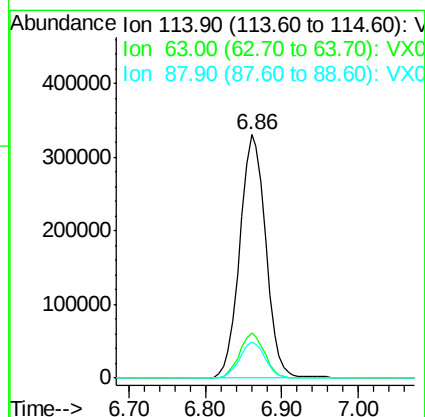
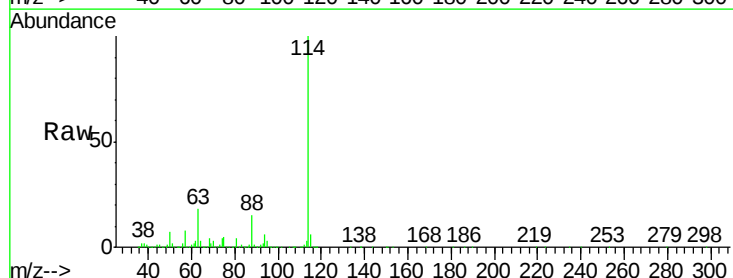
Tgt Ion: 114 Resp: 778085

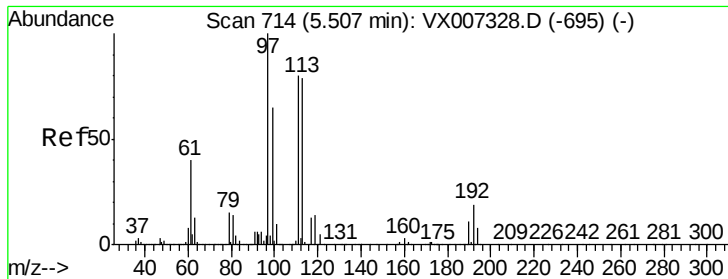
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.697 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007355.D

Acq: 04 Feb 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB116780TB

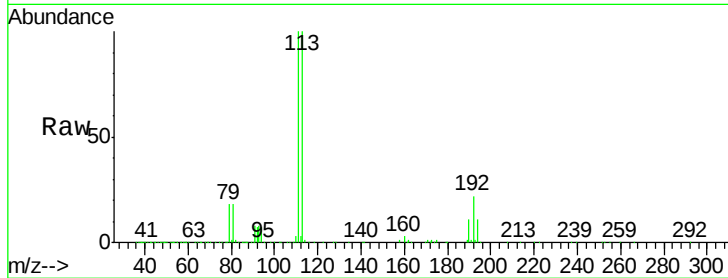
Tot Ion:113 Resp: 246541

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

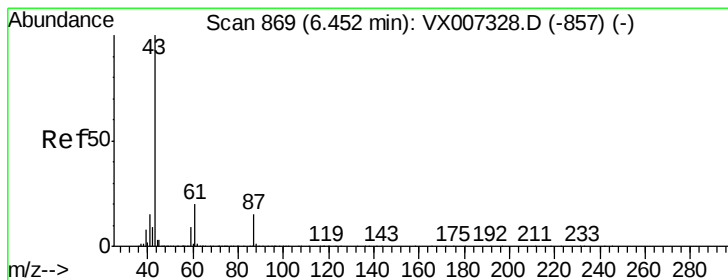
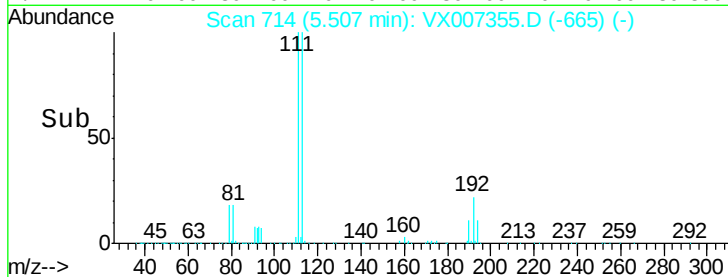
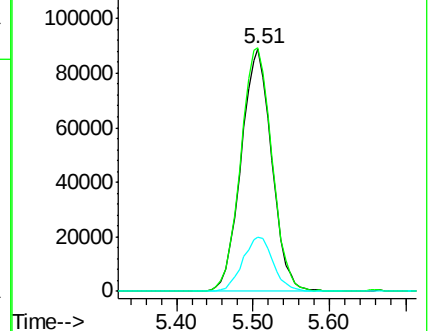
192 22.3 18.5 27.7



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: 2.965 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007355.D

Acq: 04 Feb 2019 13:23

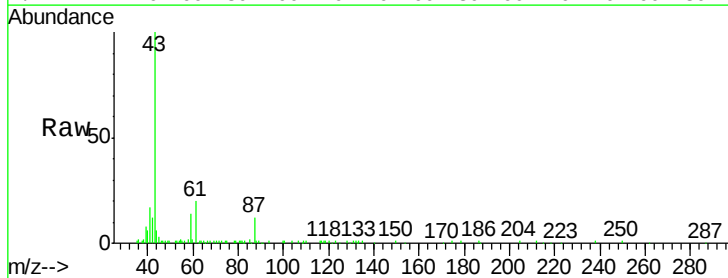
Tgt Ion: 43 Resp: 32299

Ion Ratio Lower Upper

43 100

61 23.4 16.1 24.1

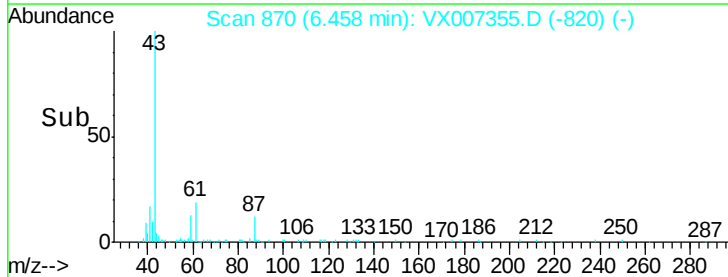
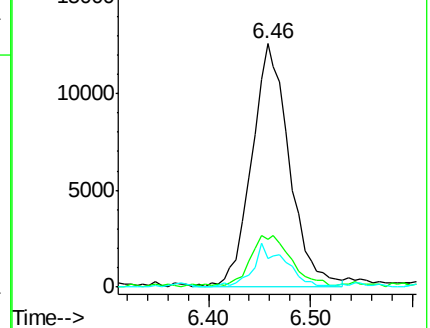
87 15.5 11.5 17.3

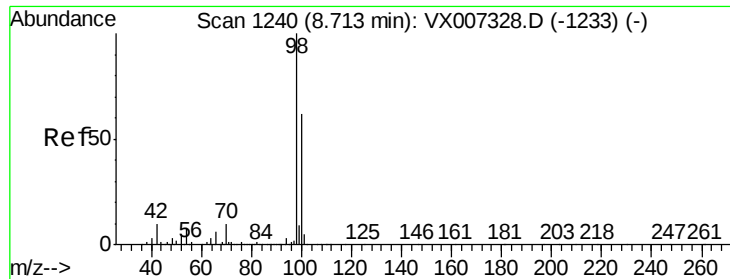


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.940 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007355.D

Acq: 04 Feb 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

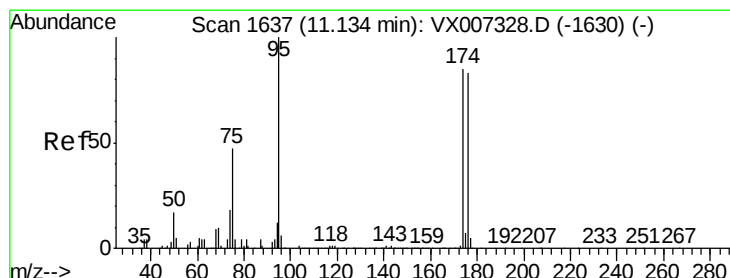
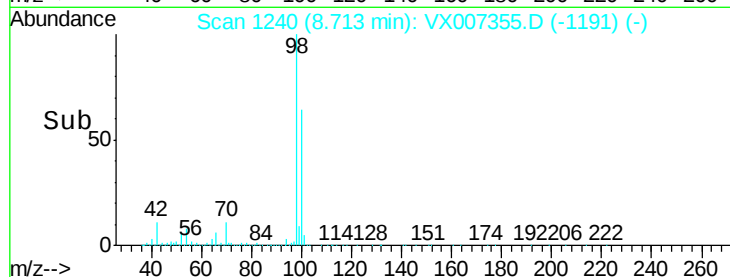
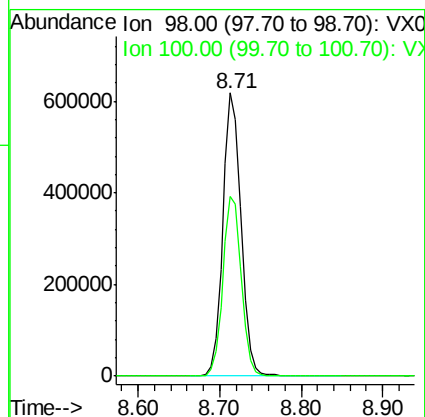
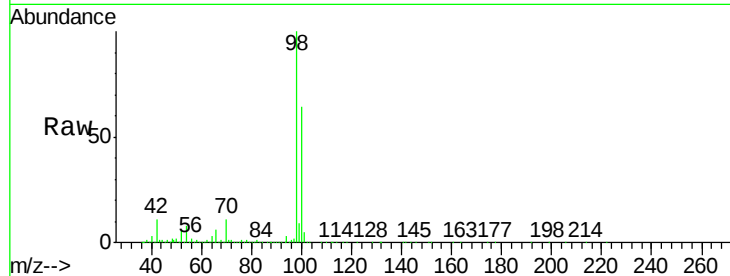
PB116780TB

Tot Ion: 98 Resp: 956843

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 49.163 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007355.D

Acq: 04 Feb 2019 13:23

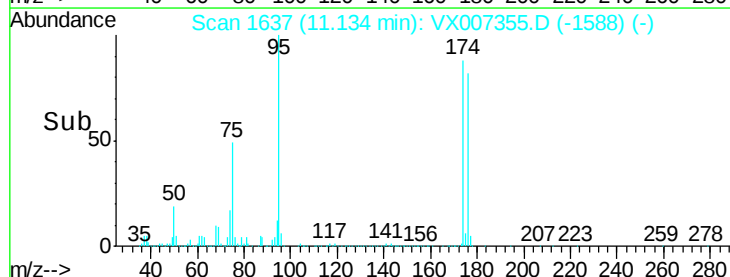
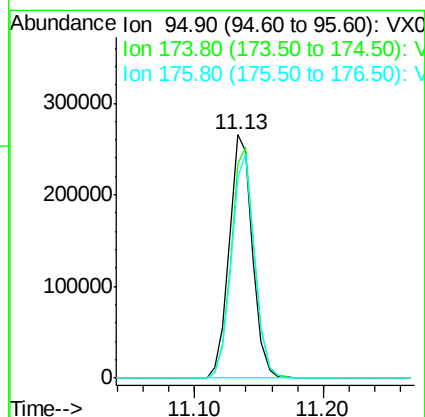
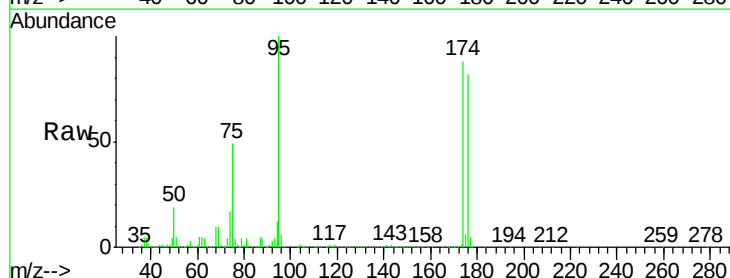
Tgt Ion: 95 Resp: 337154

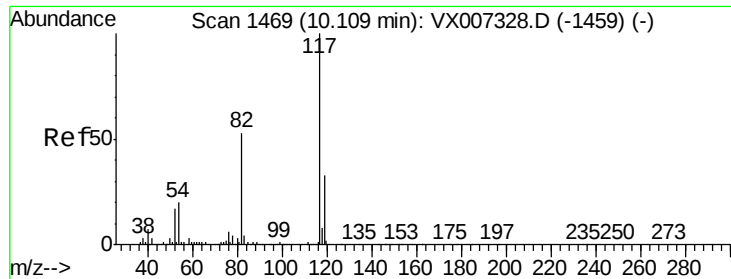
Ion Ratio Lower Upper

95 100

174 95.0 0.0 189.2

176 91.3 0.0 186.2

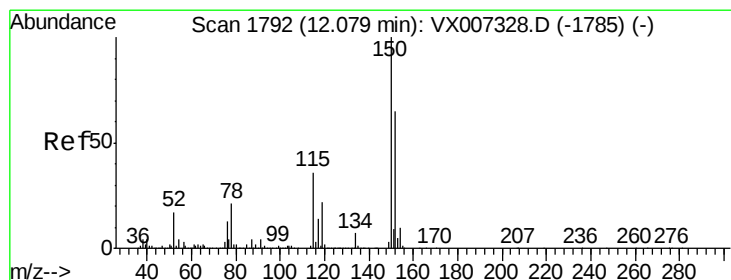
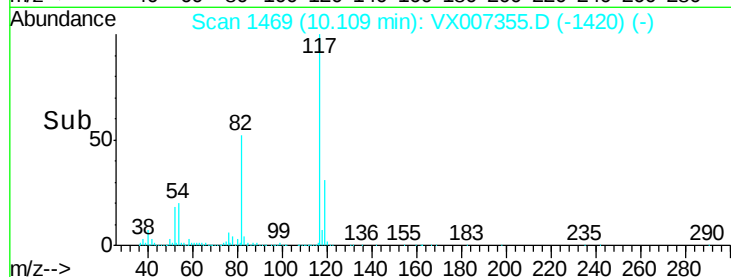
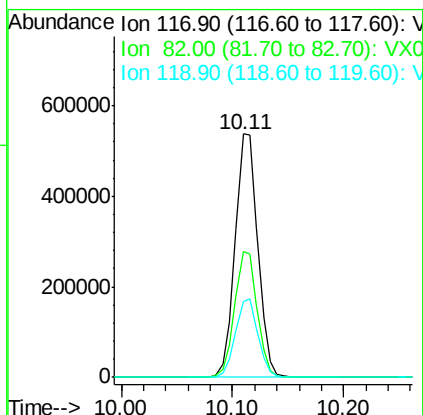
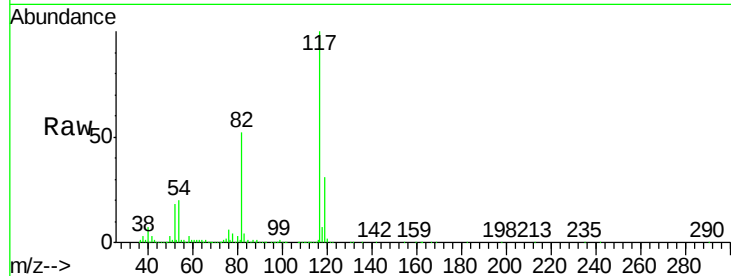




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007355.D
Acq: 04 Feb 2019 13:23

Instrument :
MSVOA_X
ClientSampled :
PB116780TB

Tot Ion:117 Resp: 757067
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007355.D
Acq: 04 Feb 2019 13:23

Tgt Ion:152 Resp: 362525
Ion Ratio Lower Upper
152 100
115 54.2 38.0 114.0
150 154.8 0.0 346.4

