

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007955.D
 Acq On : 09 Mar 2019 02:15
 Operator : JC/SP
 Sample : K1693-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-030719-A

Quant Time: Mar 09 06:37:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

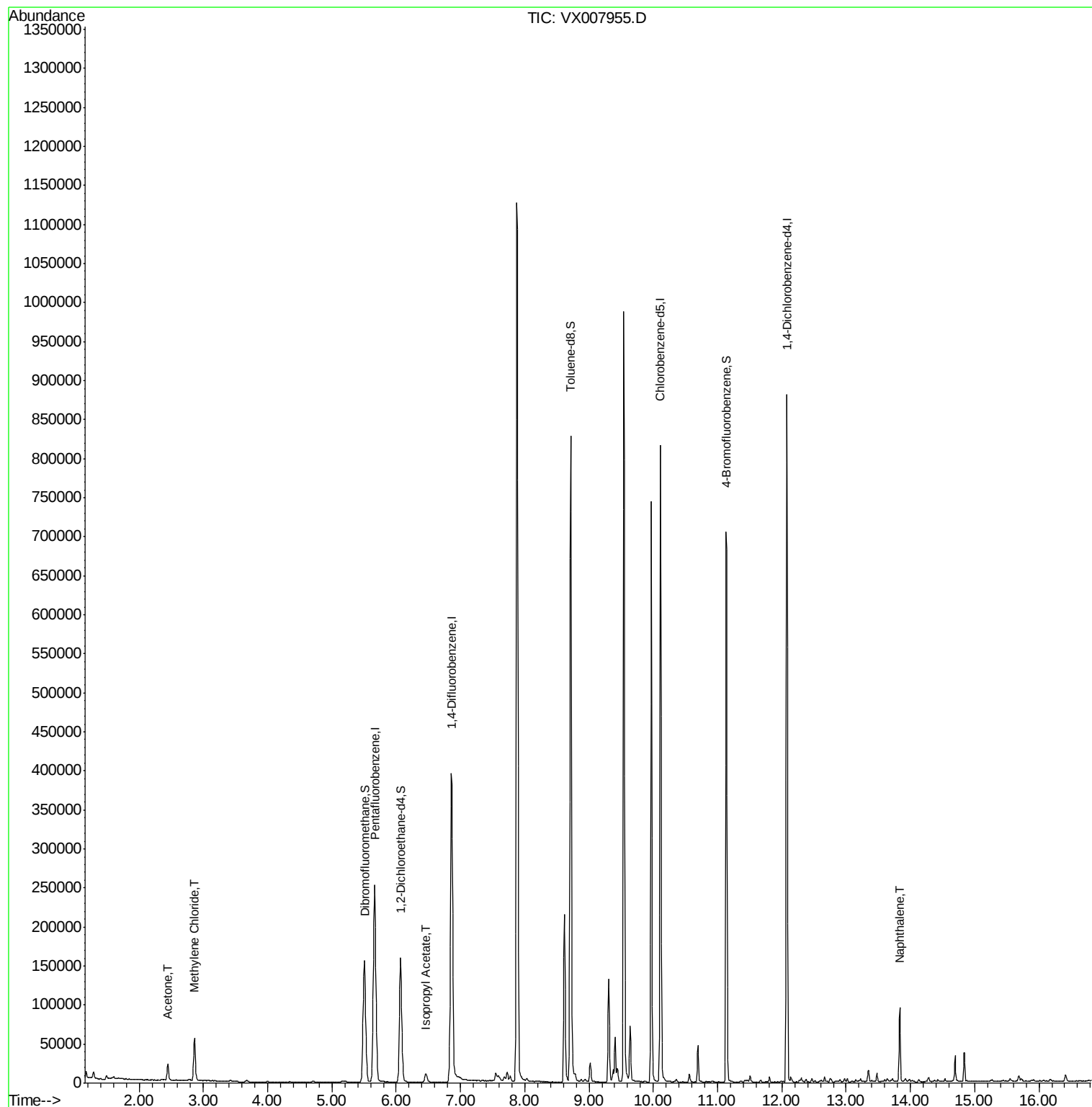
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147233	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	5.50	113	135492	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	8.71	98	511689	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.13	95	189233	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
Target Compounds						
16) Acetone	2.45	43	23240	14.416	ug/l	97
20) Methylene Chloride	2.86	84	25074	9.773	ug/l	98
43) Isopropyl Acetate	6.46	43	15008	2.284	ug/l	98
95) Naphthalene	13.83	128	59120	4.630	ug/l	100

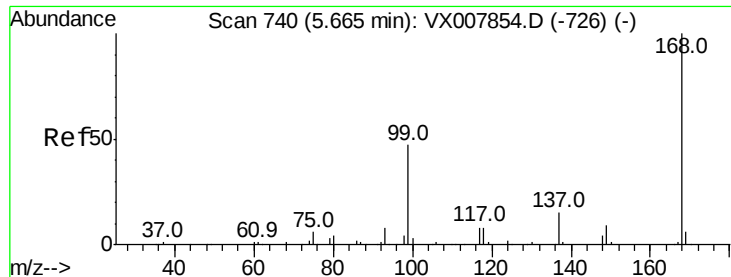
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

Instrument :

MSVOA_X

ClientSampleId :

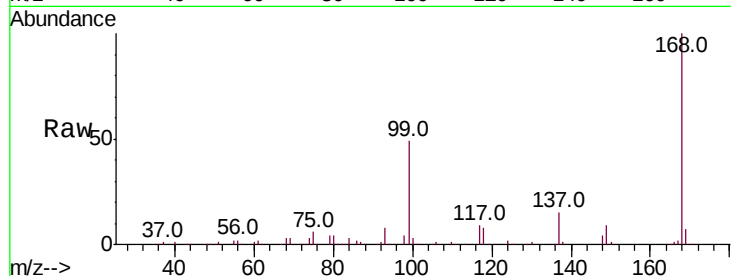
OR-01-030719-A

Tot Ion:168 Resp: 264027

Ion Ratio Lower Upper

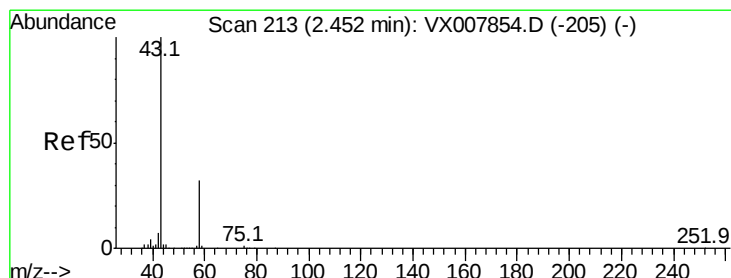
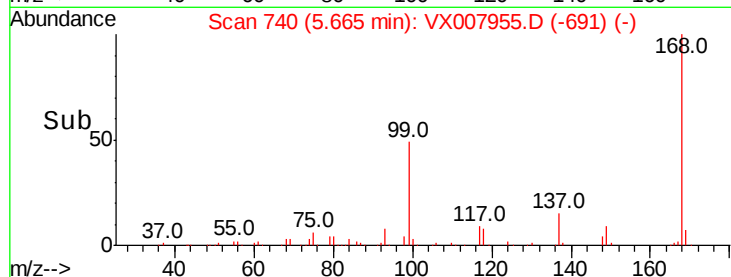
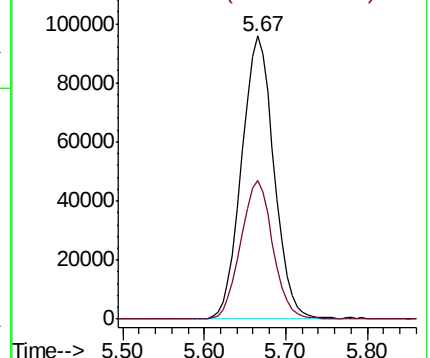
168 100

99 48.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.416 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007955.D

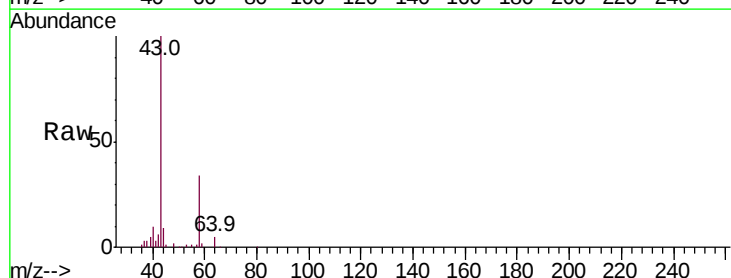
Acq: 09 Mar 2019 02:15

Tgt Ion: 43 Resp: 23240

Ion Ratio Lower Upper

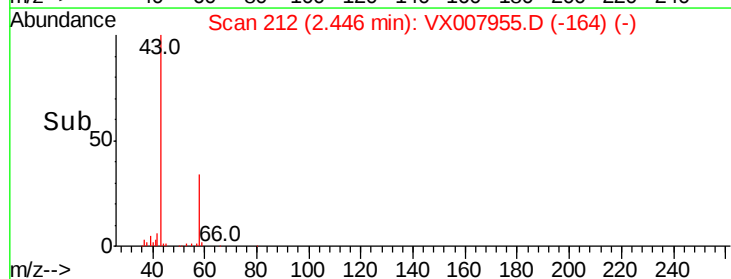
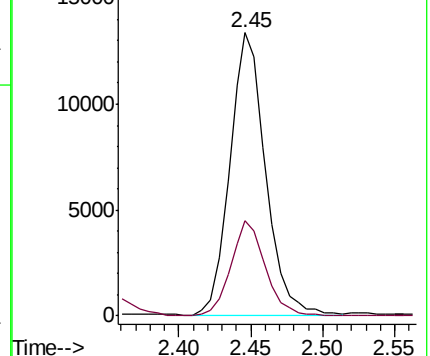
43 100

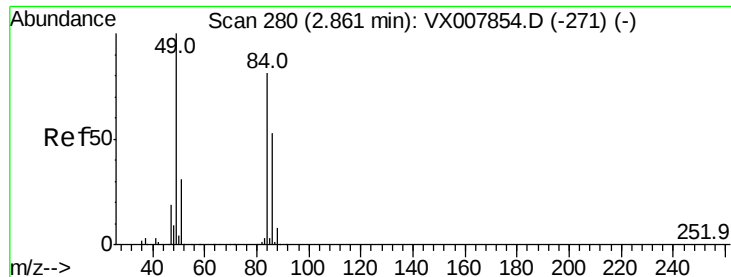
58 33.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

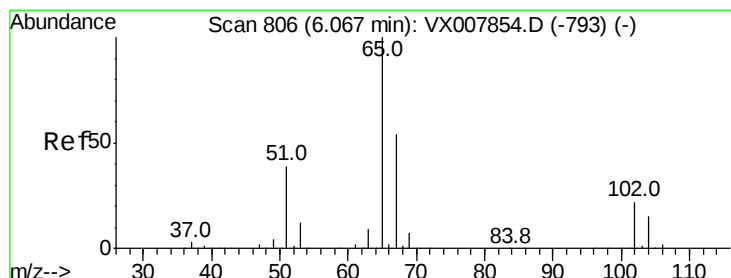
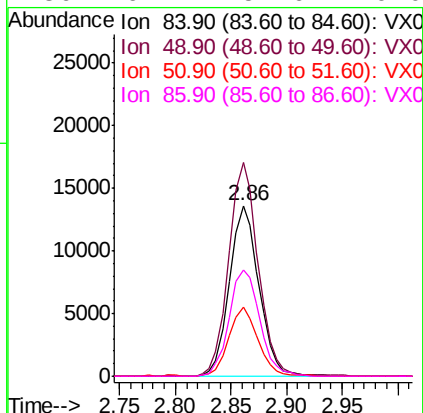
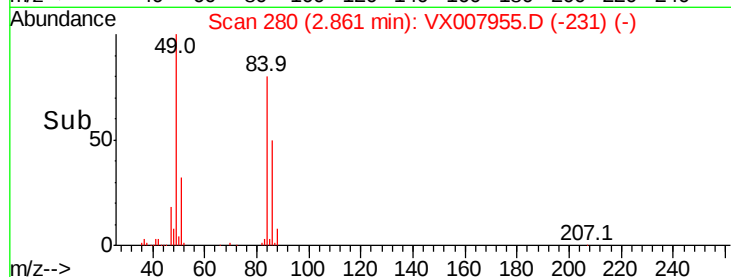
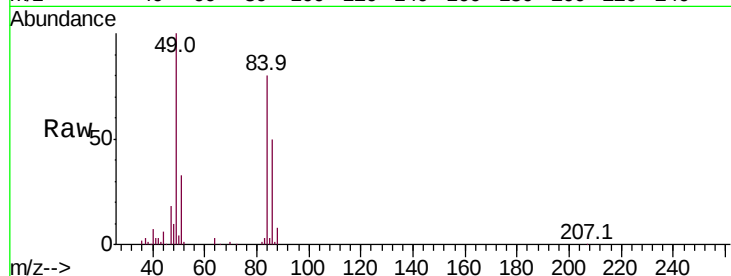




#20
Methylene Chloride
Concen: 9.773 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007955.D
Acq: 09 Mar 2019 02:15

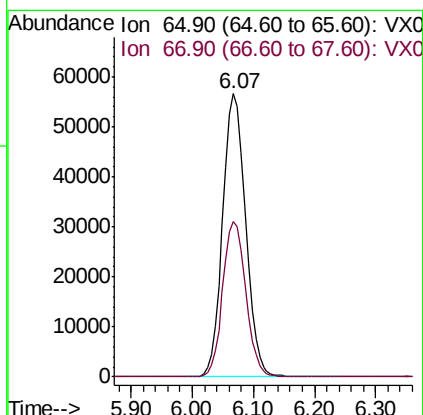
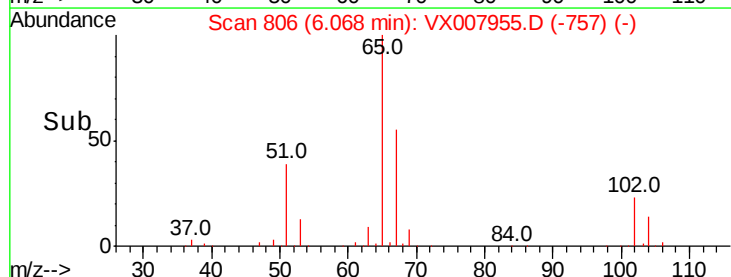
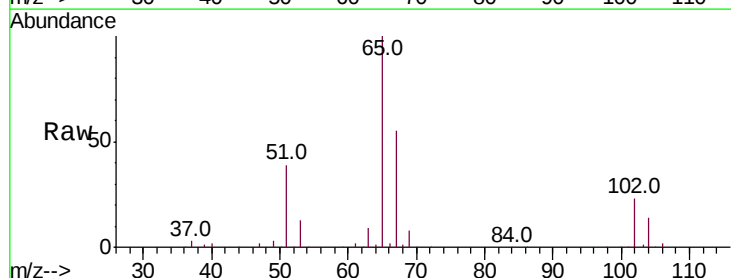
Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-A

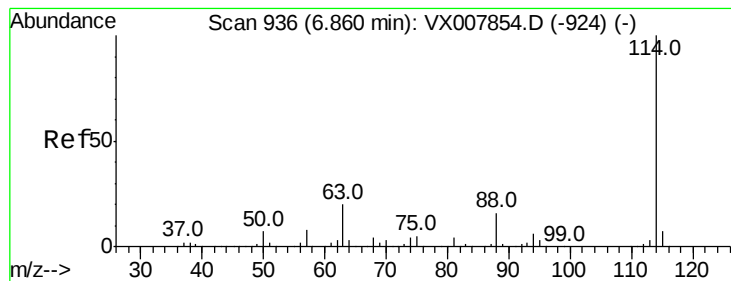
Tot Ion:	84	Resp:	25074
Ion	Ratio	Lower	Upper
84	100		
49	125.3	99.3	148.9
51	40.8	31.3	46.9
86	62.1	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 52.862 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007955.D
Acq: 09 Mar 2019 02:15

Tgt Ion:	65	Resp:	147233
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

Instrument :

MSVOA_X

ClientSampleId :

OR-01-030719-A

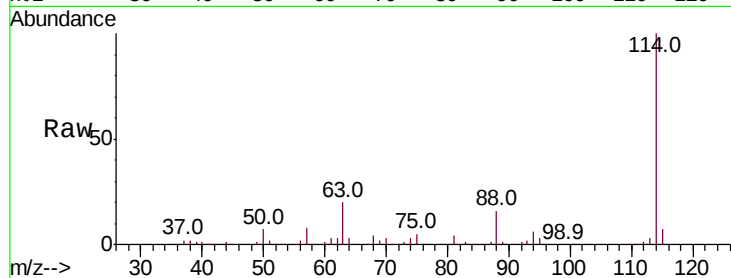
Tot Ion:114 Resp: 413191

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

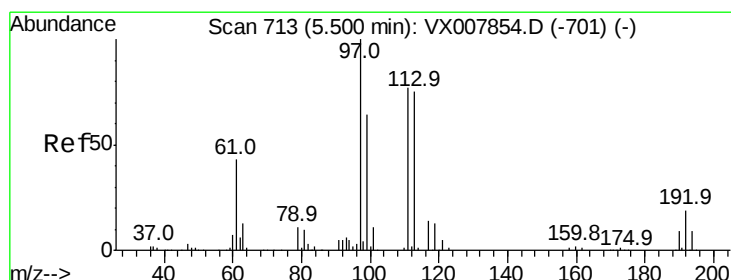
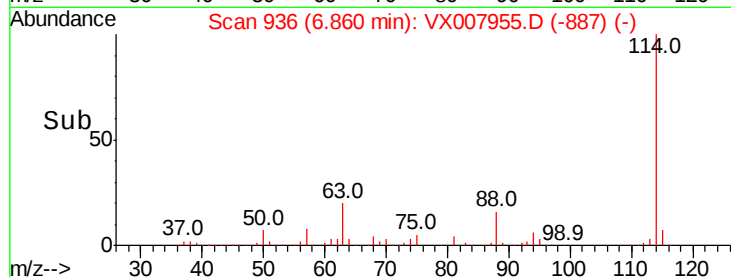
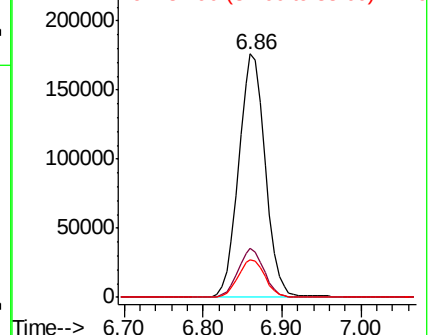
88 15.5 0.0 31.4



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: 51.264 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

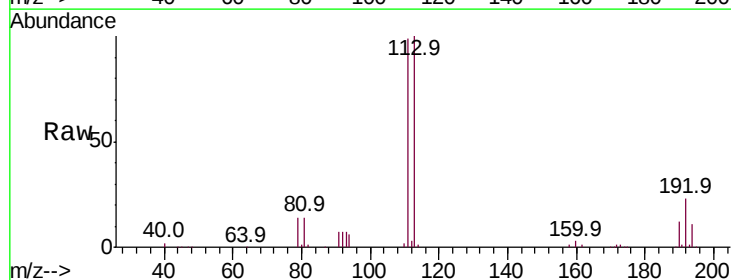
Tgt Ion:113 Resp: 135492

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

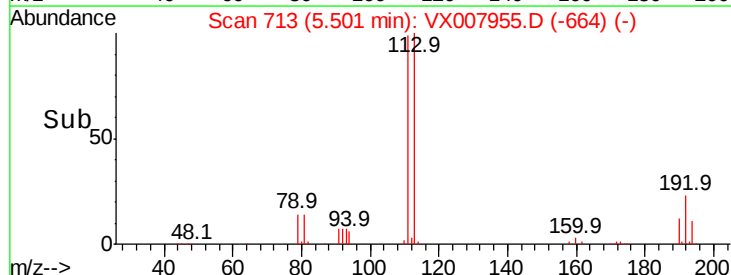
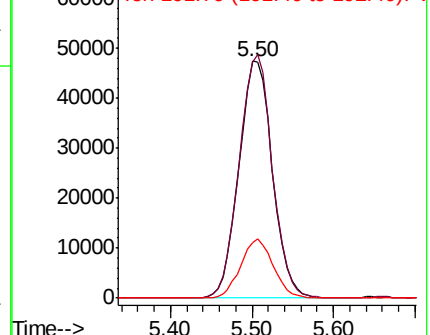
192 24.2 19.4 29.0

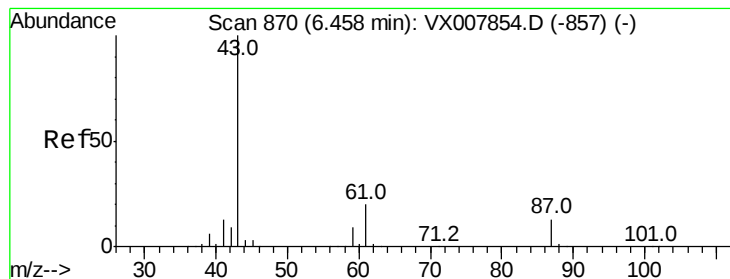


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.284 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

Instrument :

MSVOA_X

ClientSampleId :

OR-01-030719-A

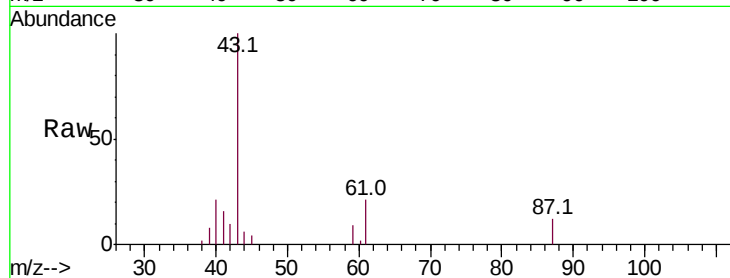
Tot Ion: 43 Resp: 15008

Ion Ratio Lower Upper

43 100

61 21.1 16.3 24.5

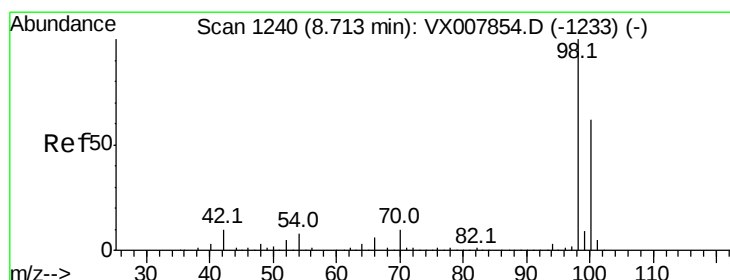
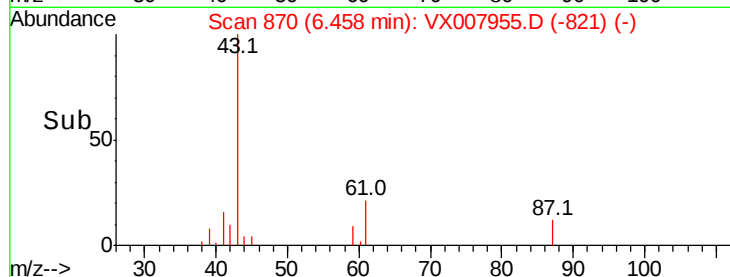
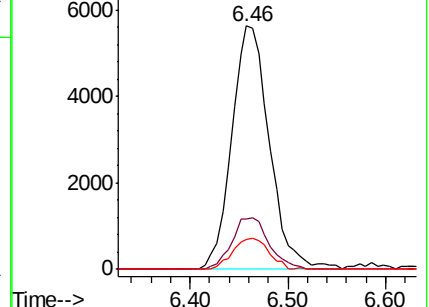
87 12.2 10.5 15.7



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: 52.715 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007955.D

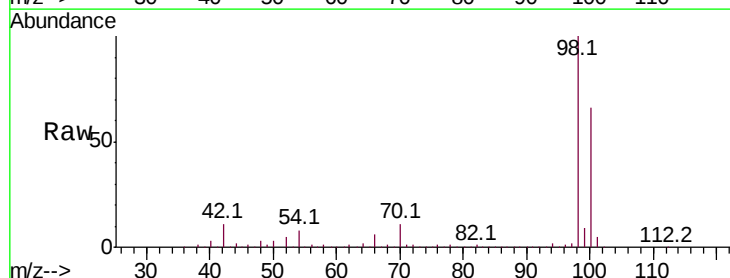
Acq: 09 Mar 2019 02:15

Tgt Ion: 98 Resp: 511689

Ion Ratio Lower Upper

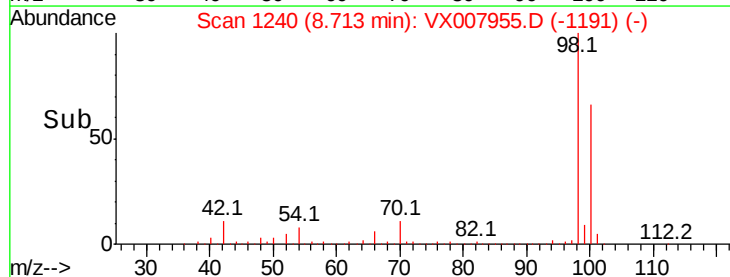
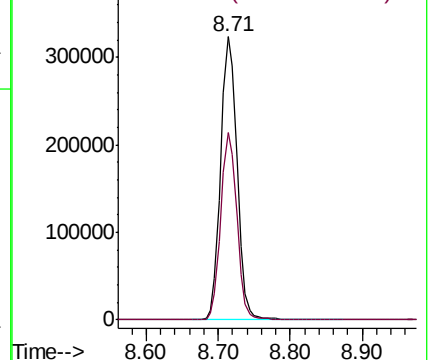
98 100

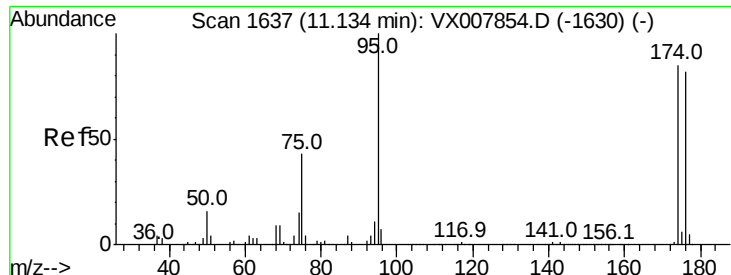
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.604 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

Instrument :

MSVOA_X

ClientSampleId :

OR-01-030719-A

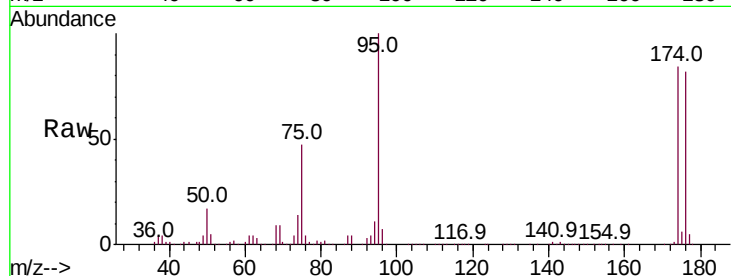
Tot Ion: 95 Resp: 189233

Ion Ratio Lower Upper

95 100

174 90.7 0.0 182.8

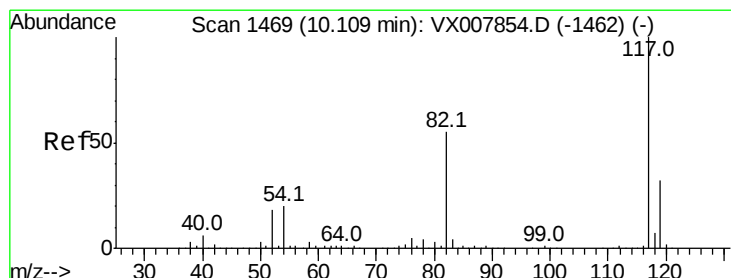
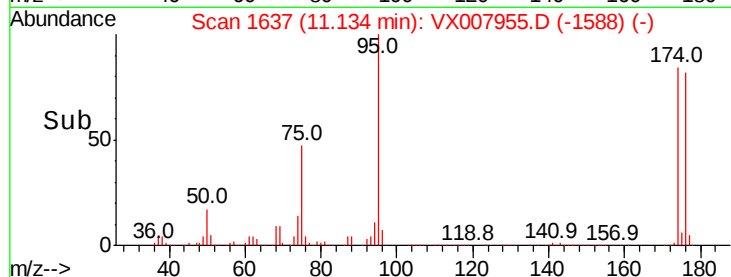
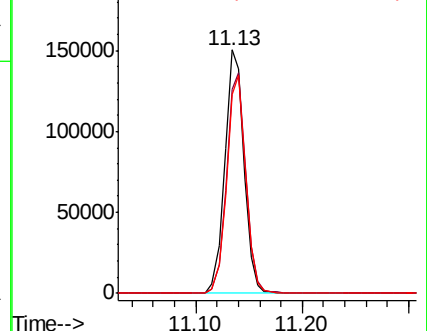
176 88.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

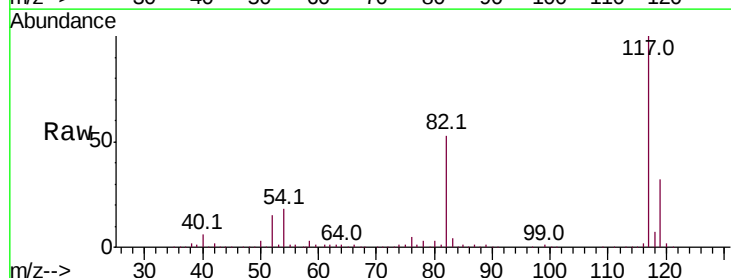
Tgt Ion: 117 Resp: 400244

Ion Ratio Lower Upper

117 100

82 52.6 44.3 66.5

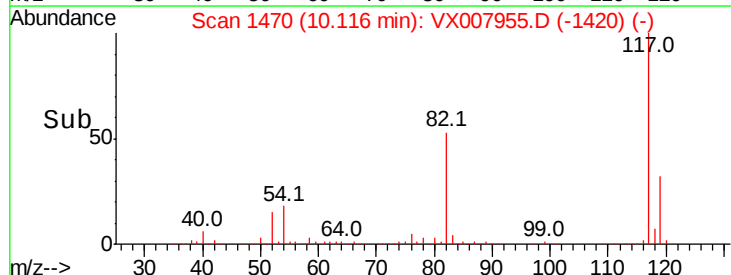
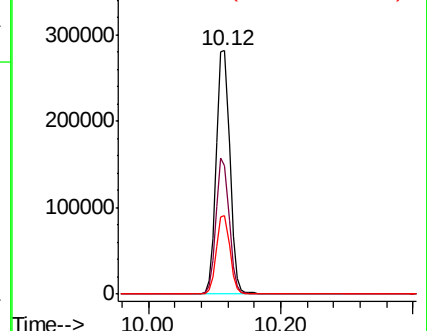
119 32.3 25.3 37.9

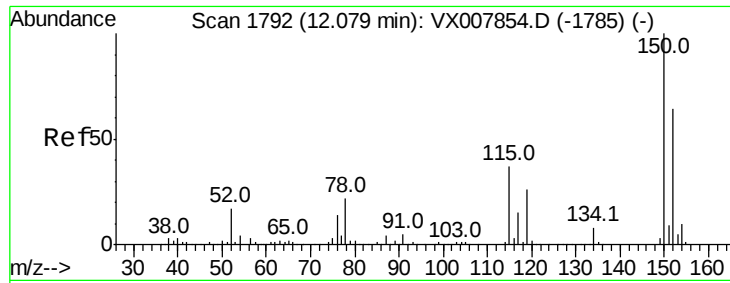


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

Instrument :

MSVOA_X

ClientSampleId :

OR-01-030719-A

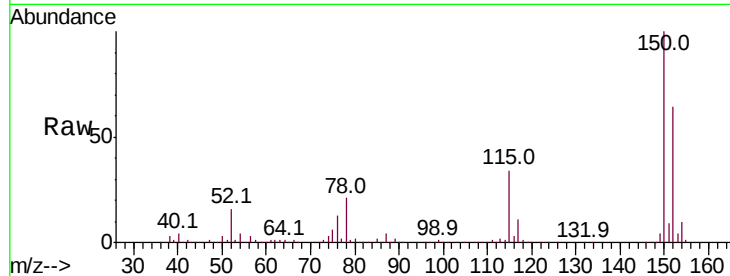
Tot Ion:152 Resp: 193586

Ion Ratio Lower Upper

152 100

115 54.8 38.6 115.7

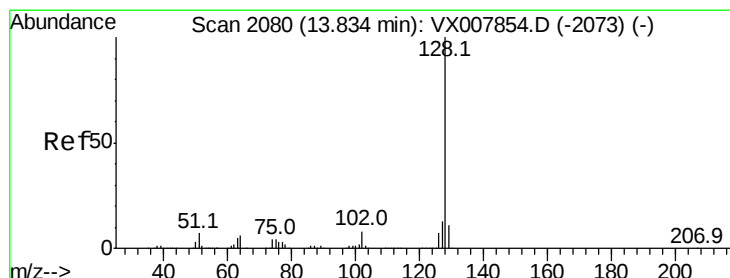
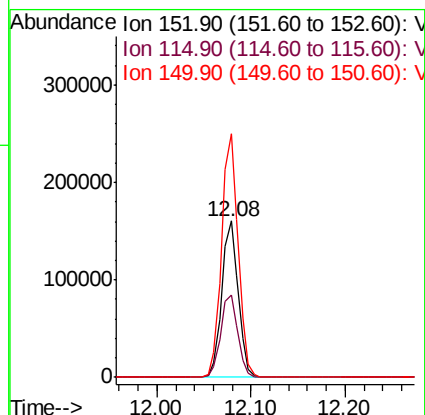
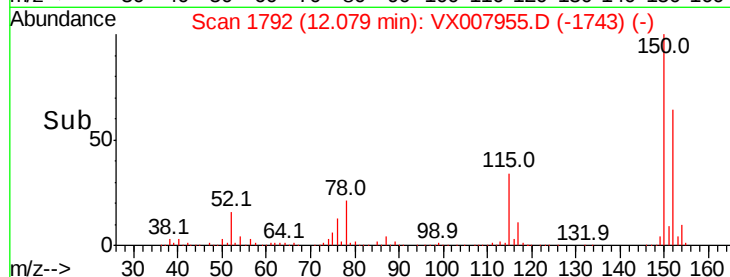
150 156.9 0.0 348.4



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



#95

Naphthalene

Concen: 4.630 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007955.D

Acq: 09 Mar 2019 02:15

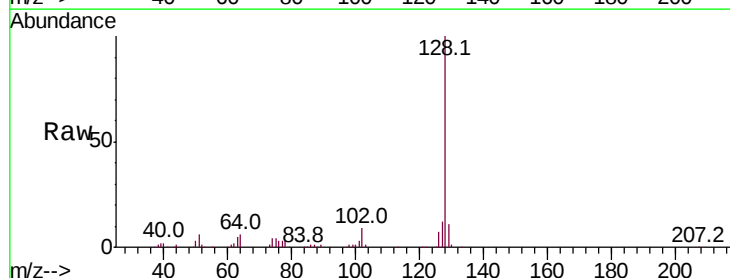
Tgt Ion:128 Resp: 59120

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 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

