

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006301.D
 Acq On : 05 Dec 2018 15:31
 Operator : JC/MD
 Sample : J6233-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Dec 06 00:58:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

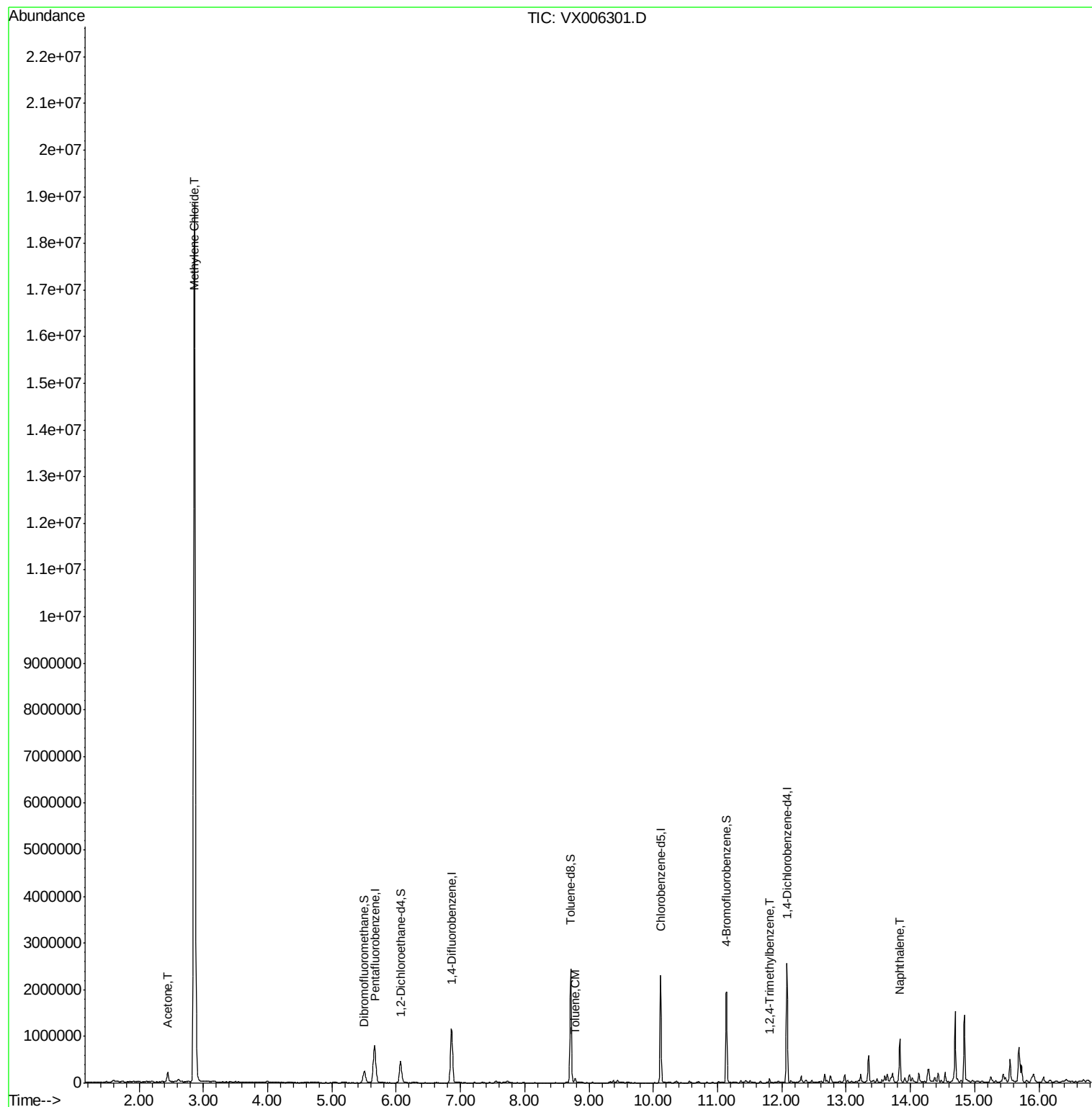
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	831979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1269437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1137399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	546566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	419707	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	211857	25.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.56%	
50) Toluene-d8	8.71	98	1477544	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	540554	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
16) Acetone	2.45	43	218413	54.798	ug/l	97
20) Methylene Chloride	2.86	84	8524619	1004.938	ug/l	97
52) Toluene	8.79	92	34062	1.617	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	41129	1.268	ug/l	99
95) Naphthalene	13.83	128	586816	13.978	ug/l	99

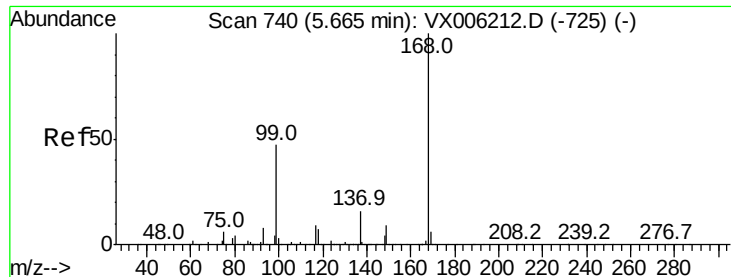
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006301.D

Acq: 05 Dec 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

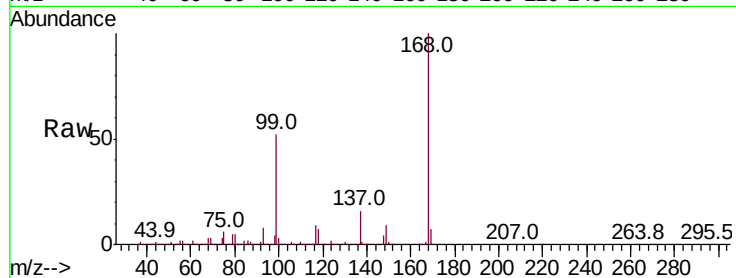
SB-1

Tot Ion:168 Resp: 831979

Ion Ratio Lower Upper

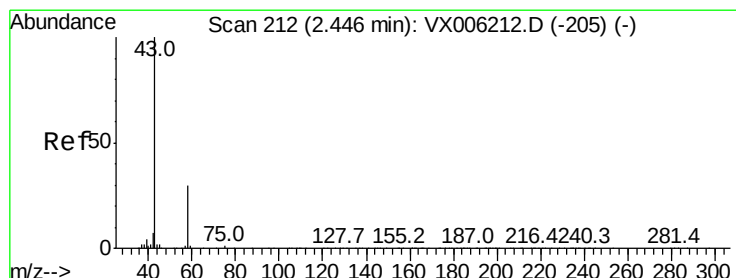
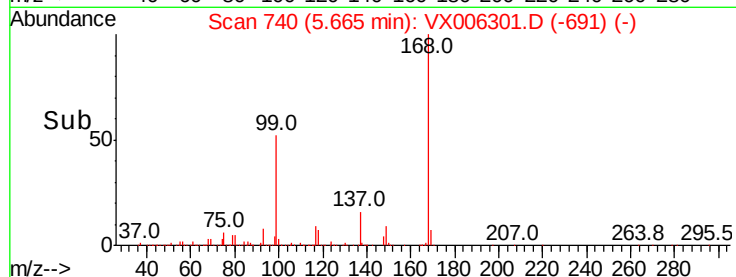
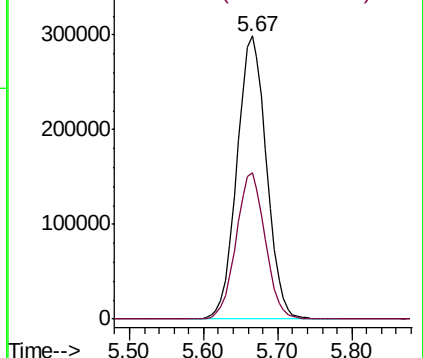
168 100

99 51.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 54.798 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006301.D

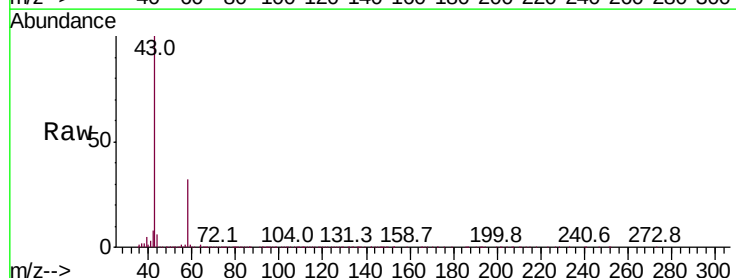
Acq: 05 Dec 2018 15:31

Tgt Ion: 43 Resp: 218413

Ion Ratio Lower Upper

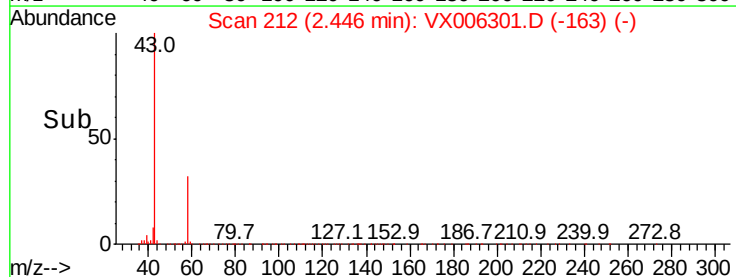
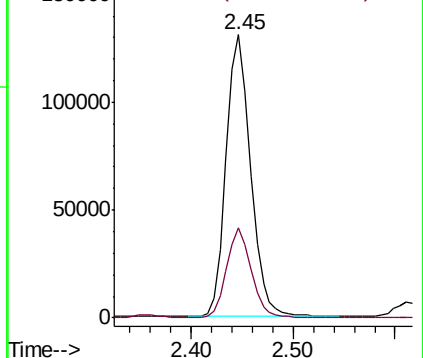
43 100

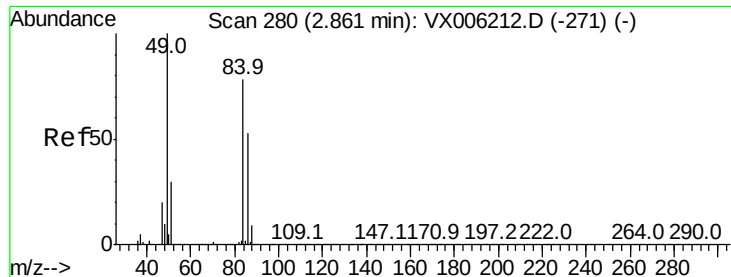
58 31.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



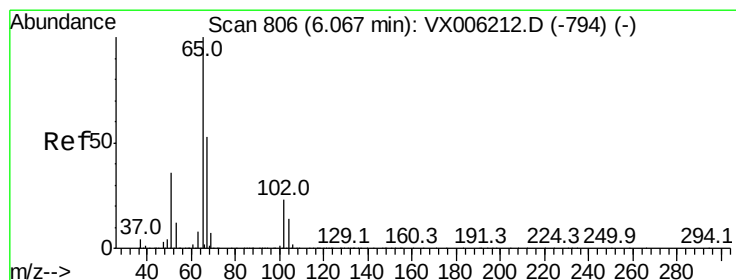
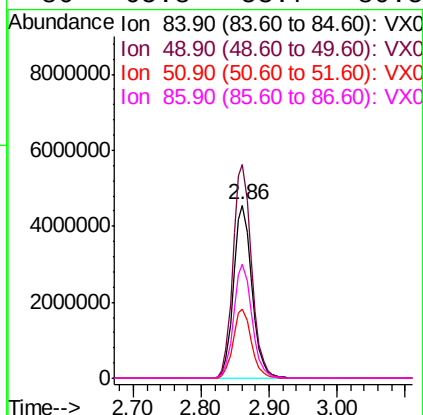
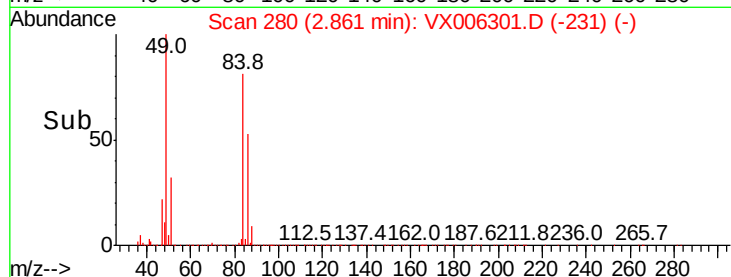
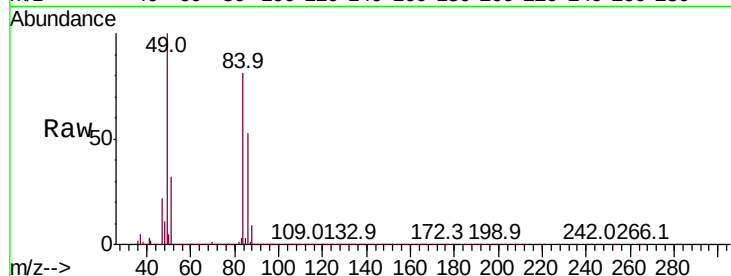


#20
Methylene Chloride
Concen: 1004.938 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006301.D
Acq: 05 Dec 2018 15:31

Instrument :
MSVOA_X
ClientSampled :
SB-1

Tot Ion: 84 Resp: 8524619

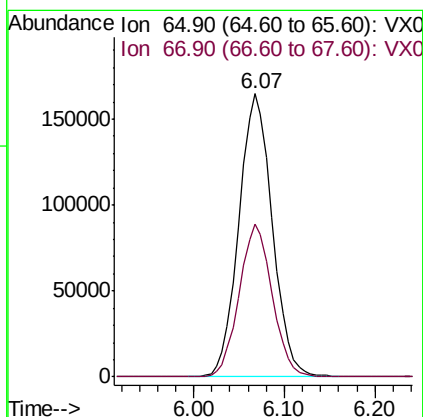
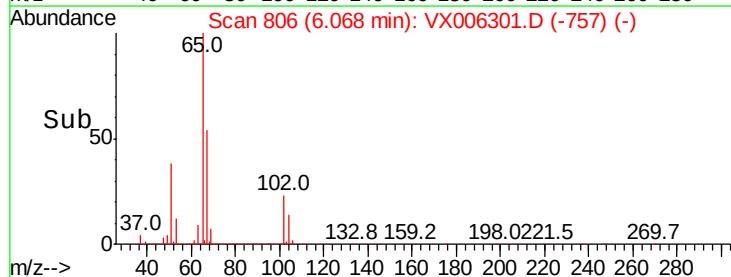
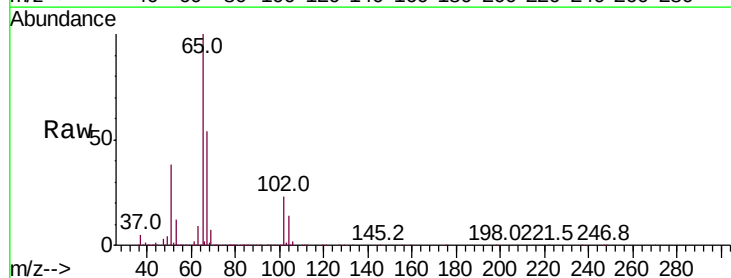
Ion	Ratio	Lower	Upper
84	100		
49	123.3	102.2	153.4
51	40.0	31.1	46.7
86	65.8	53.7	80.5

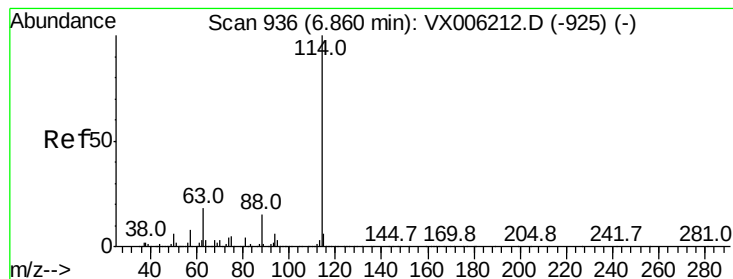


#33
1,2-Dichloroethane-d4
Concen: 49.417 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006301.D
Acq: 05 Dec 2018 15:31

Tgt Ion: 65 Resp: 419707

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006301.D

Acq: 05 Dec 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

SB-1

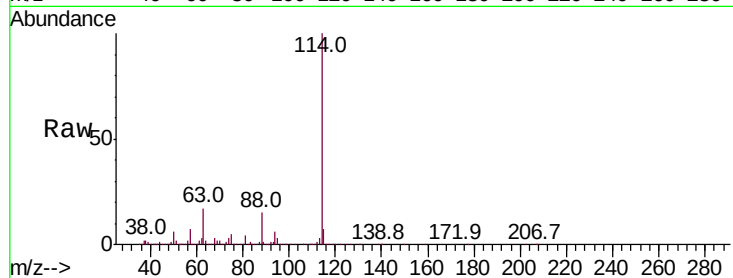
Tot Ion:114 Resp: 1269437

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.6

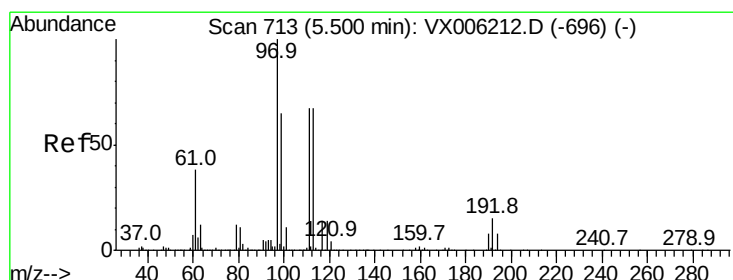
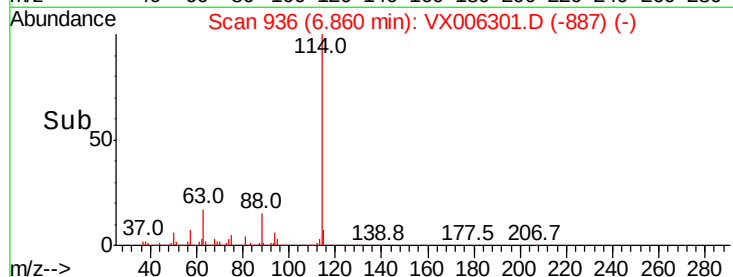
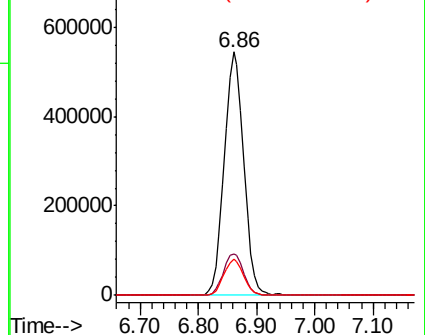
88 14.9 0.0 29.0



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: 25.776 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006301.D

Acq: 05 Dec 2018 15:31

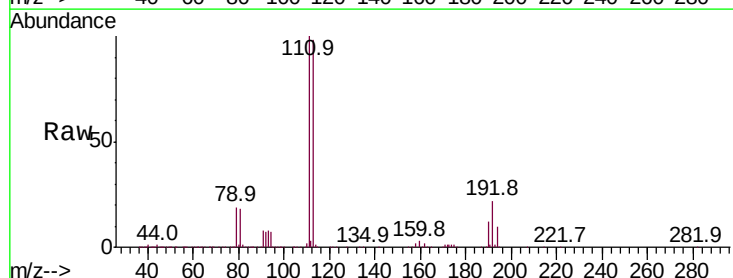
Tgt Ion:113 Resp: 211857

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

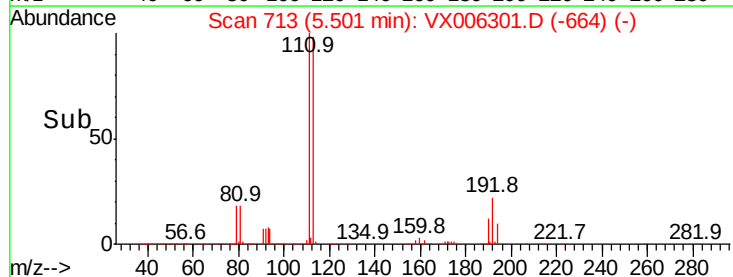
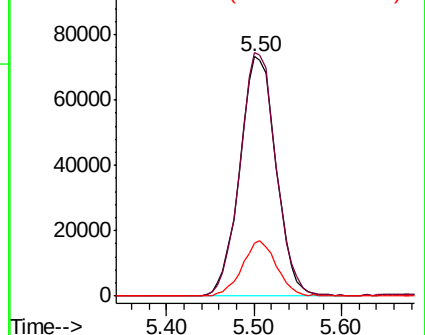
192 21.9 18.2 27.2

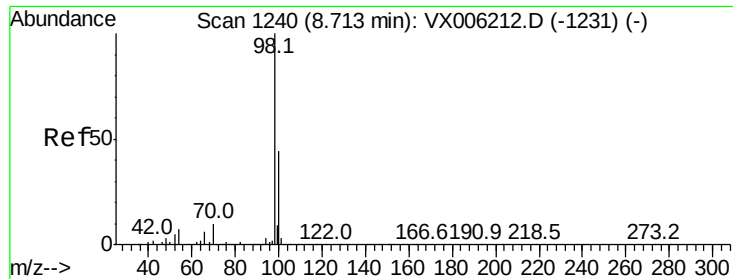


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.422 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006301.D

Acq: 05 Dec 2018 15:31

Instrument :

MSVOA_X

ClientSampled :

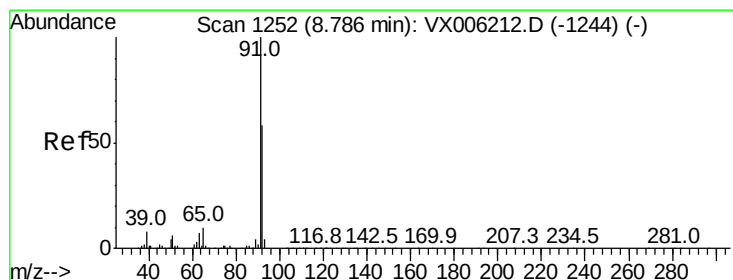
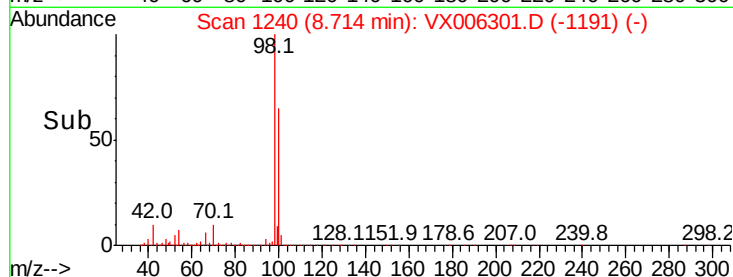
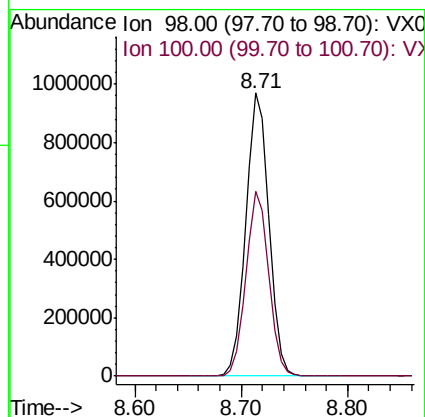
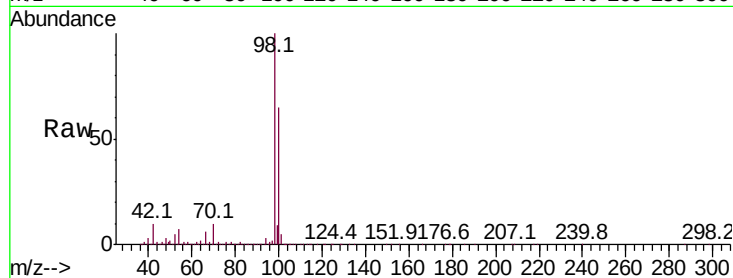
SB-1

Tot Ion: 98 Resp: 1477544

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#52

Toluene

Concen: 1.617 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006301.D

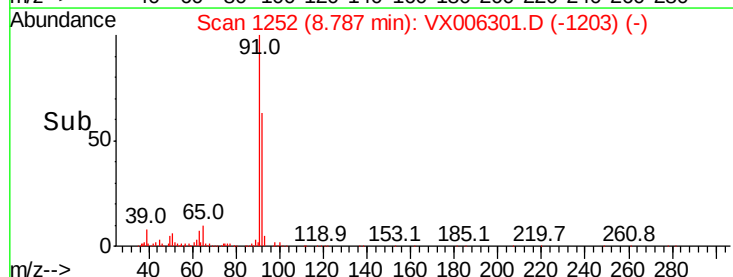
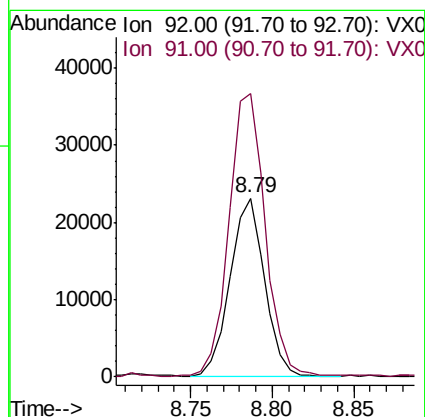
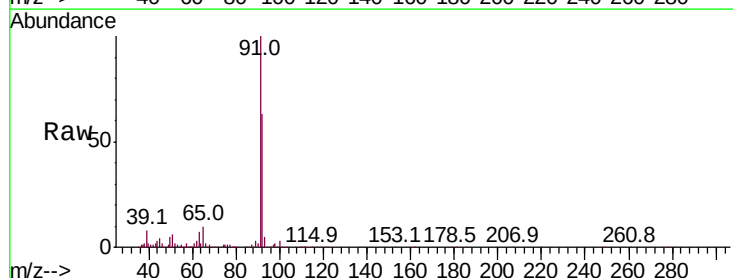
Acq: 05 Dec 2018 15:31

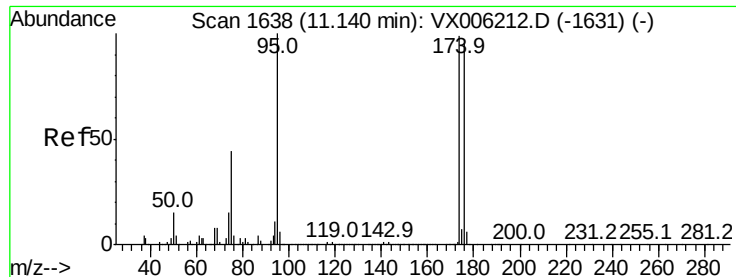
Tgt Ion: 92 Resp: 34062

Ion Ratio Lower Upper

92 100

91 166.2 139.2 208.8

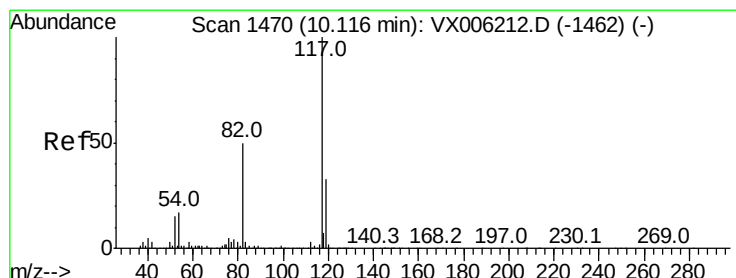
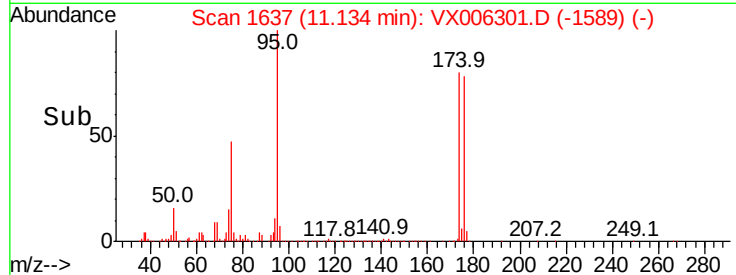
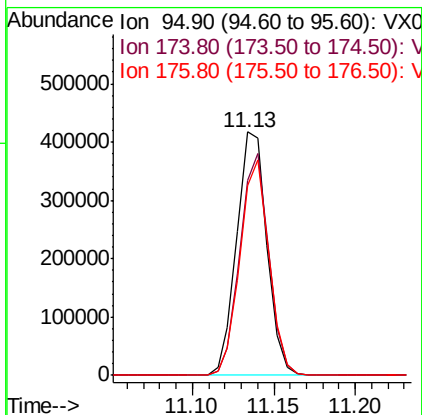
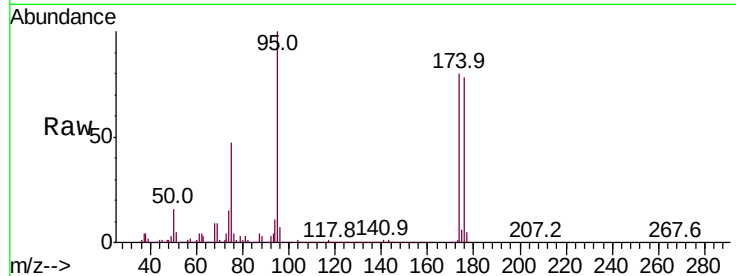




#62
4-Bromofluorobenzene
Concen: 47.982 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006301.D
Acq: 05 Dec 2018 15:31

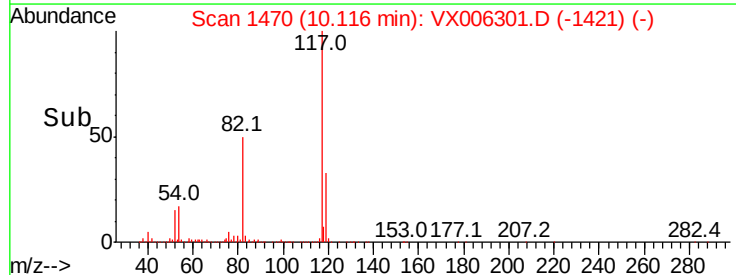
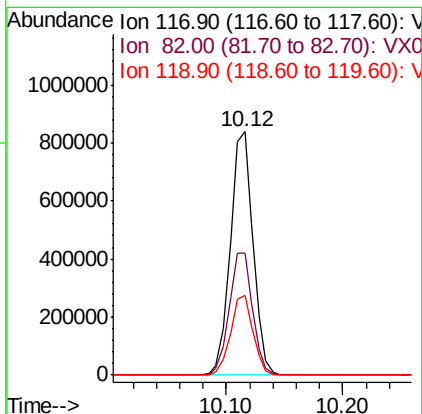
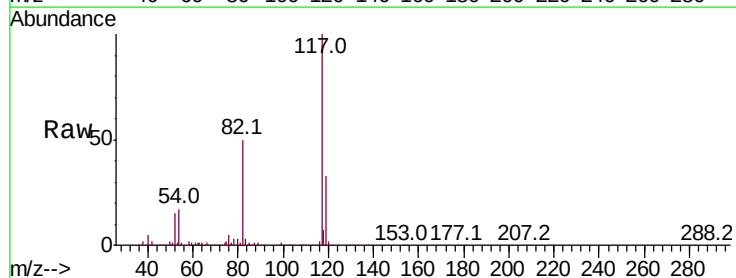
Instrument :
MSVOA_X
ClientSampled :
SB-1

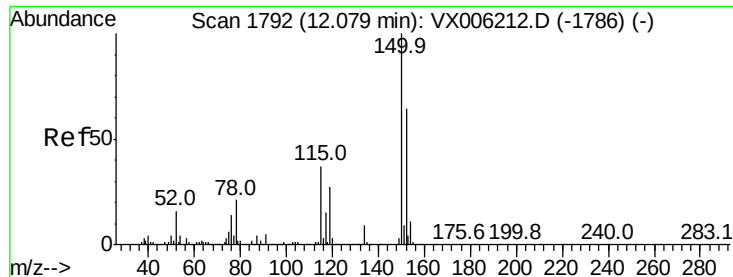
Tot Ion: 95 Resp: 540554
Ion Ratio Lower Upper
95 100
174 87.8 0.0 187.0
176 85.6 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006301.D
Acq: 05 Dec 2018 15:31

Tgt Ion: 117 Resp: 1137399
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 32.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006301.D

Acq: 05 Dec 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

SB-1

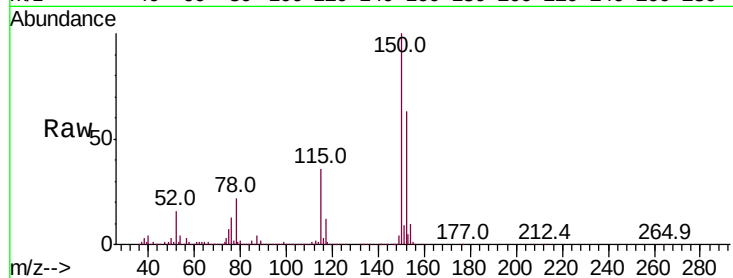
Tot Ion:152 Resp: 546566

Ion Ratio Lower Upper

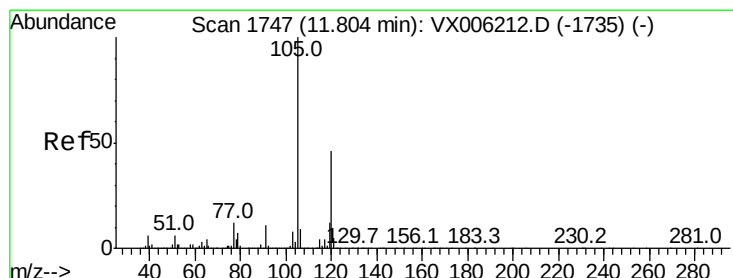
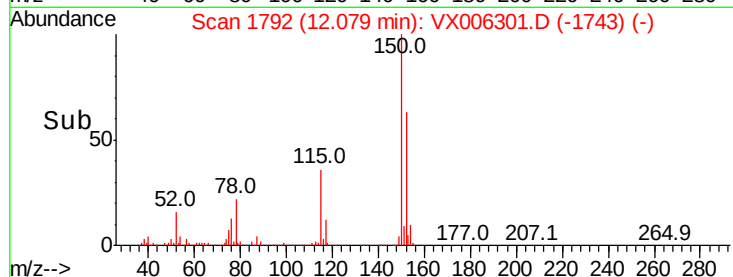
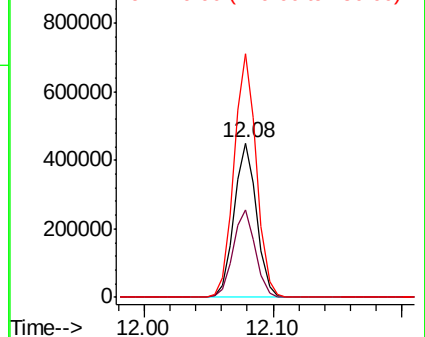
152 100

115 56.6 39.0 116.9

150 157.8 0.0 345.8



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: 1.268 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006301.D

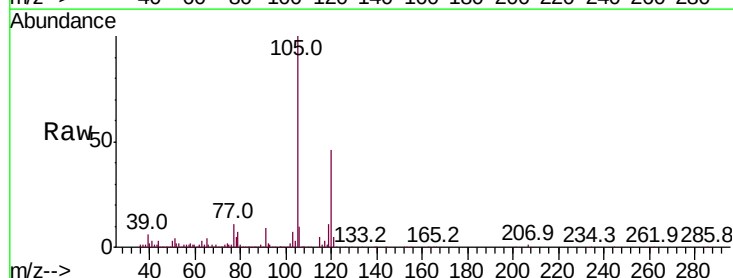
Acq: 05 Dec 2018 15:31

Tgt Ion:105 Resp: 41129

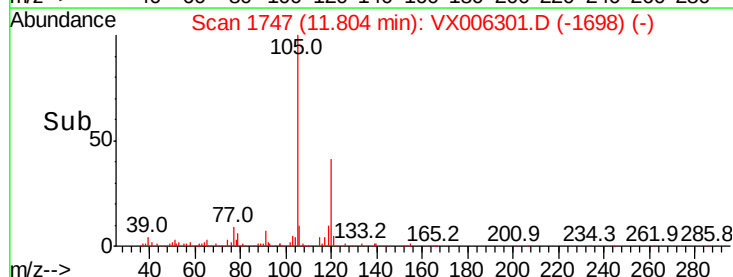
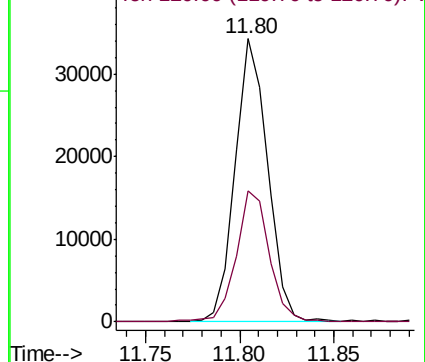
Ion Ratio Lower Upper

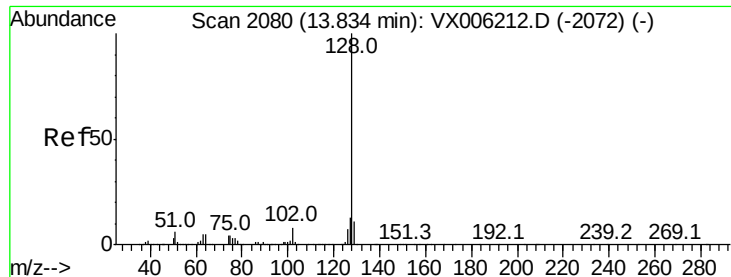
105 100

120 47.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 13.978 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006301.D

Acq: 05 Dec 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

SB-1

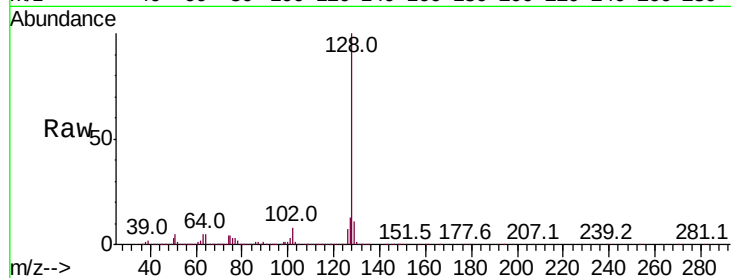
Tot Ion:128 Resp: 586816

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.7 8.9 13.3



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

