

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004253.D
 Acq On : 24 Aug 2018 18:01
 Operator : JC/MD
 Sample : J4621-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-2

Quant Time: Aug 25 02:04:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

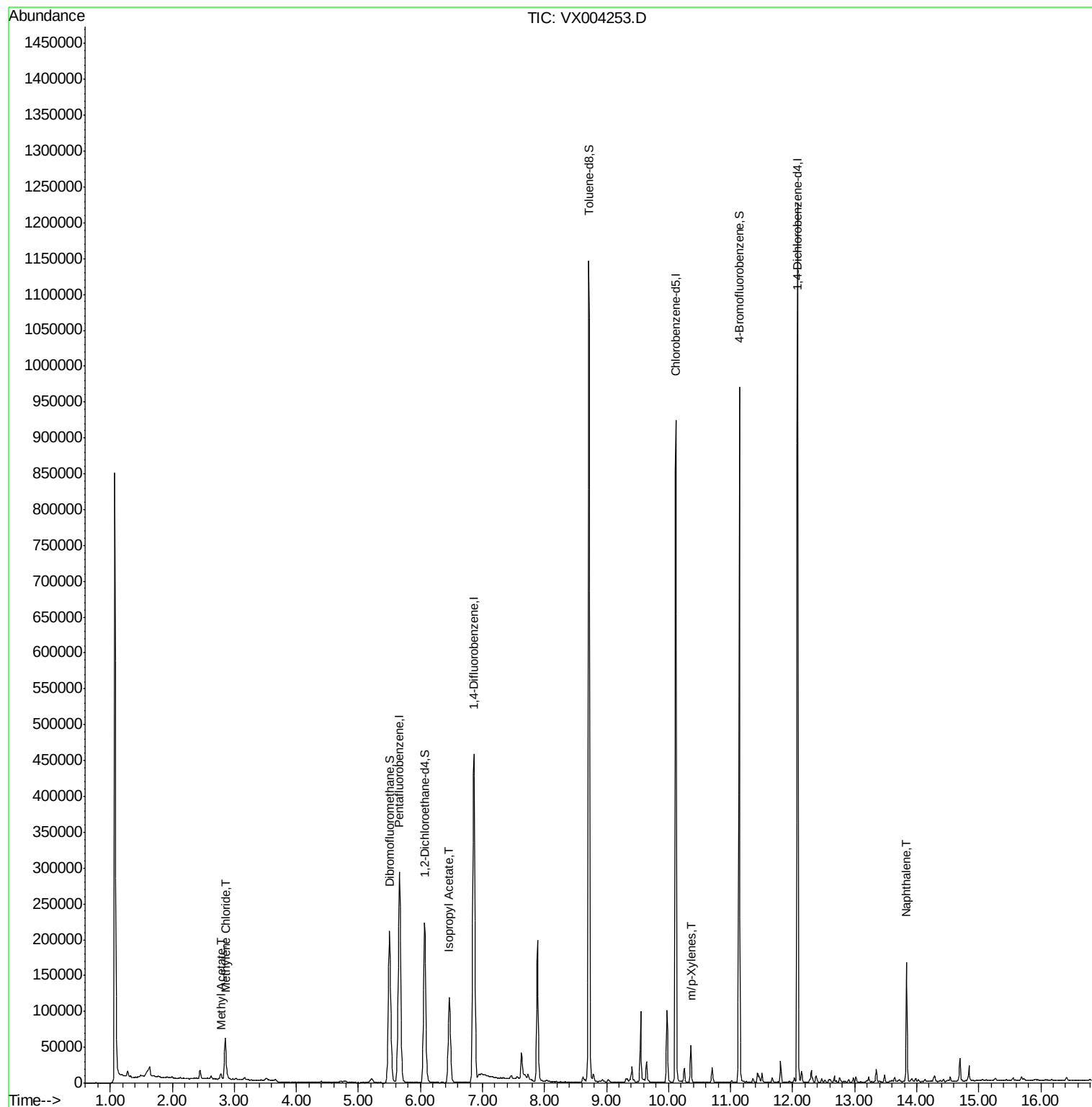
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	299445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	203843	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	5.50	113	175790	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	677803	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.14	95	240955	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
18) Methyl Acetate	2.78	43	8624	1.489	ug/l	96
20) Methylene Chloride	2.85	84	27992	7.451	ug/l	95
43) Isopropyl Acetate	6.46	43	155320	19.147	ug/l	100
68) m/p-Xylenes	10.36	106	12224	1.789	ug/l	97
95) Naphthalene	13.83	128	106406	6.378	ug/l	100

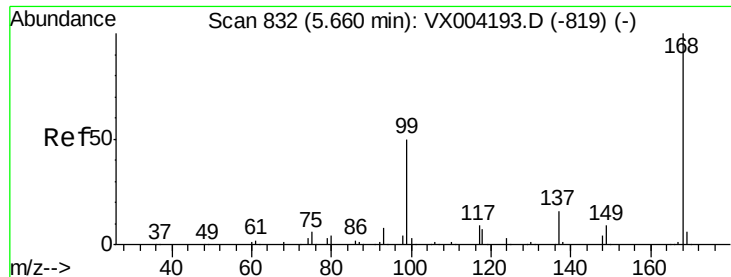
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004253.D

Acq: 24 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

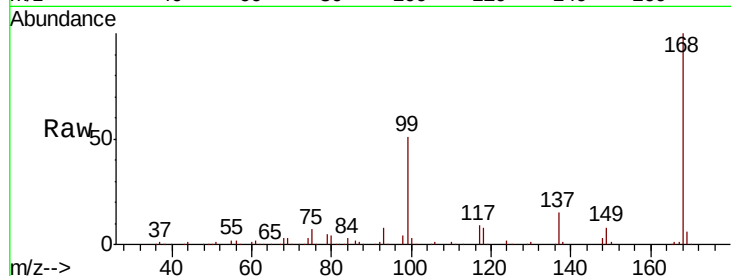
SP-2

Tgt Ion:168 Resp: 299445

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

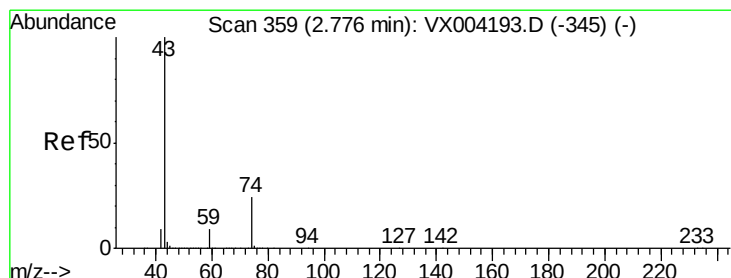
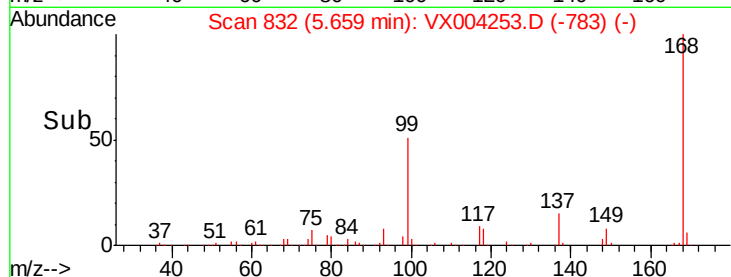
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.489 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX004253.D

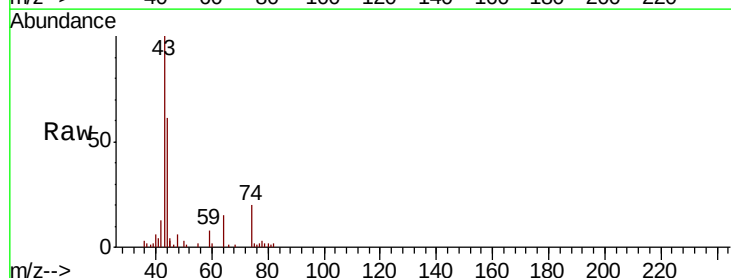
Acq: 24 Aug 2018 18:01

Tgt Ion: 43 Resp: 8624

Ion Ratio Lower Upper

43 100

74 26.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

5000

4000

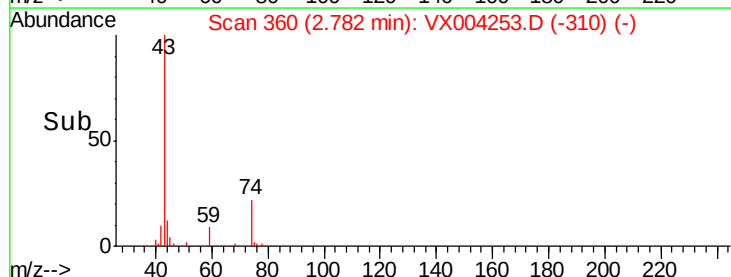
3000

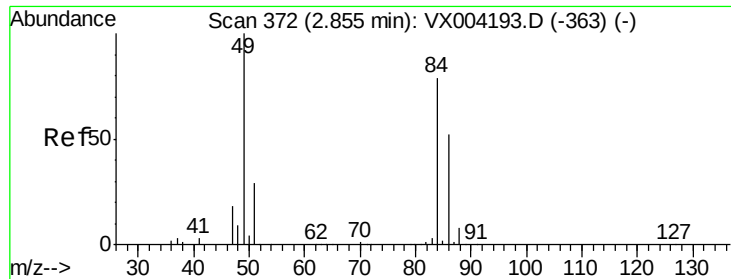
2000

1000

0

Time--> 2.70 2.75 2.80 2.85



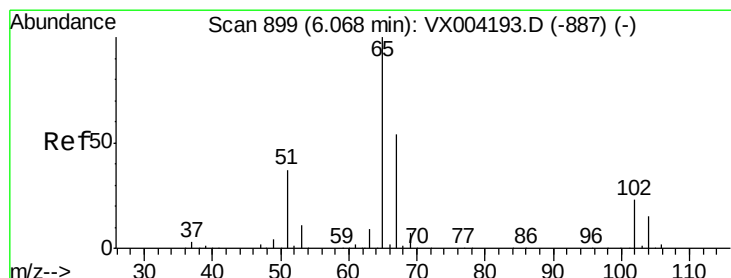
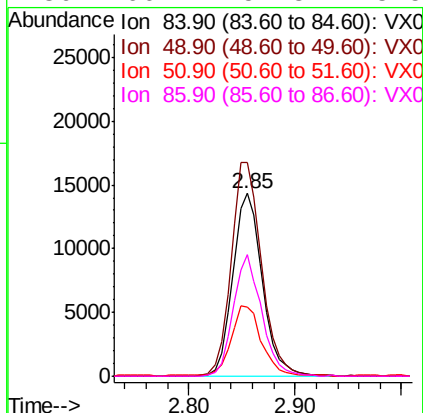
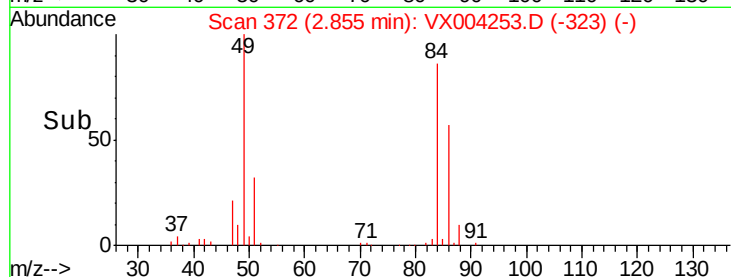
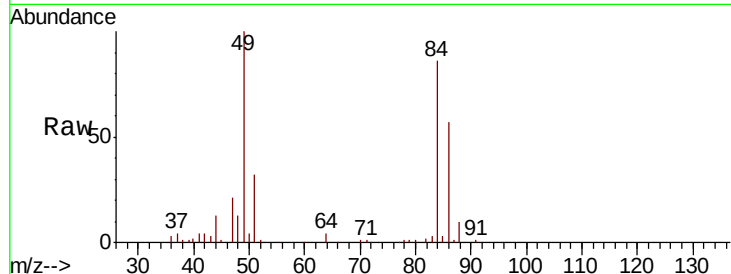


#20
Methylene Chloride
Concen: 7.451 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004253.D
Acq: 24 Aug 2018 18:01

Instrument :
MSVOA_X
ClientSampled :
SP-2

Tgt Ion: 84 Resp: 27992

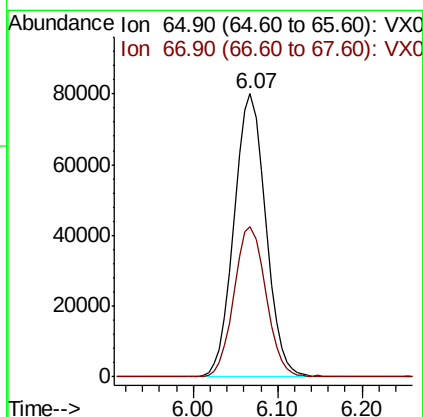
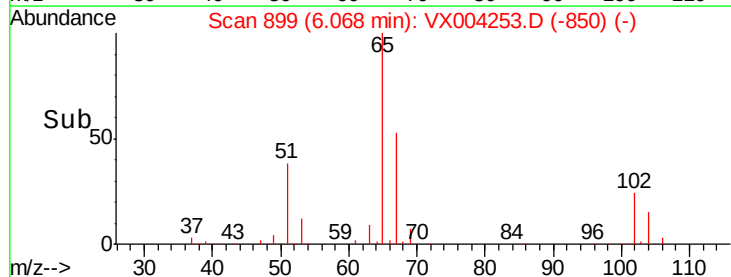
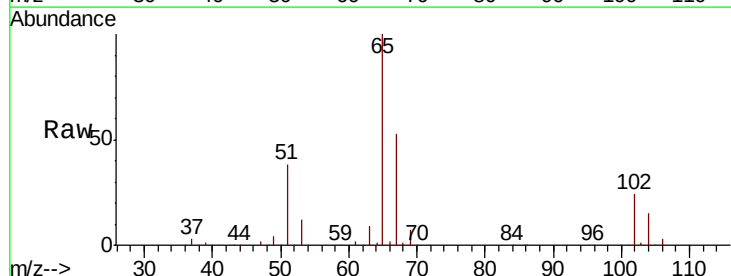
Ion	Ratio	Lower	Upper
84	100		
49	116.6	101.2	151.8
51	37.8	29.5	44.3
86	66.4	52.3	78.5

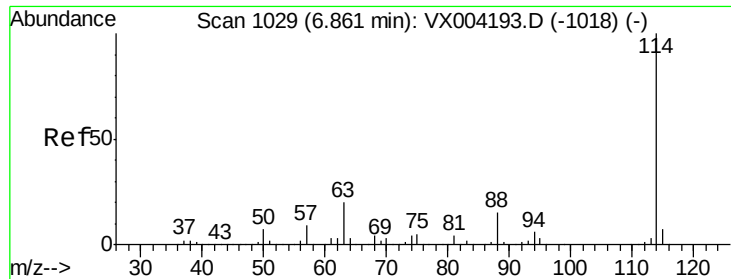


#33
1,2-Dichloroethane-d4
Concen: 52.229 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004253.D
Acq: 24 Aug 2018 18:01

Tgt Ion: 65 Resp: 203843

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8

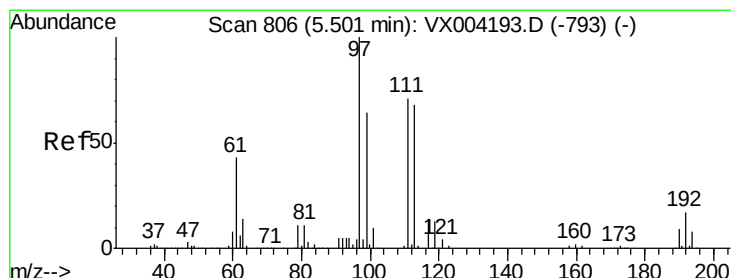
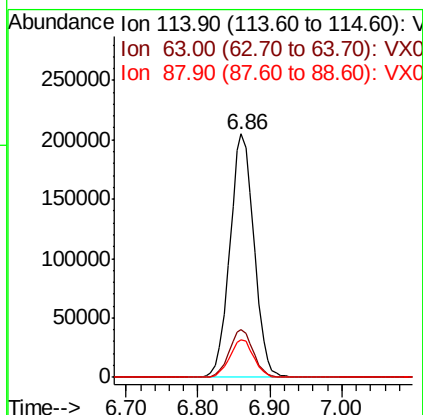
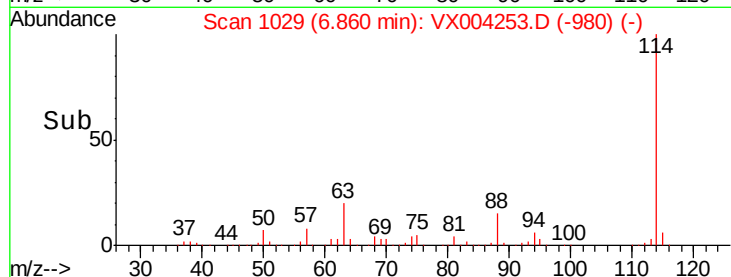
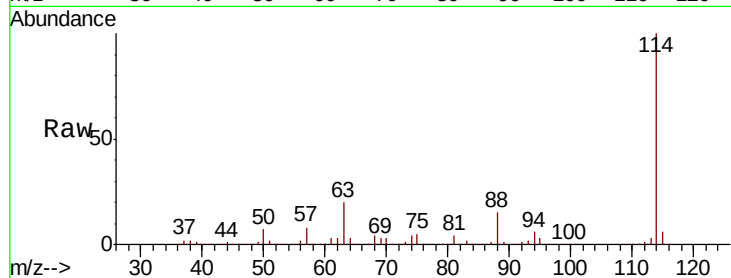




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004253.D
 Acq: 24 Aug 2018 18:01

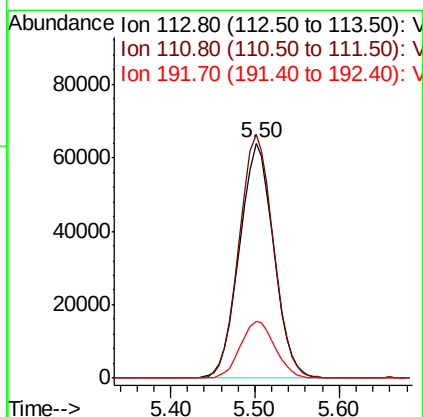
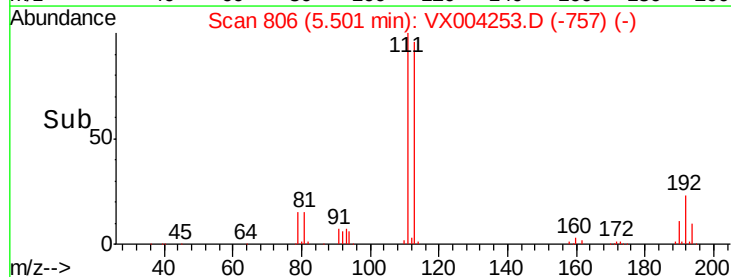
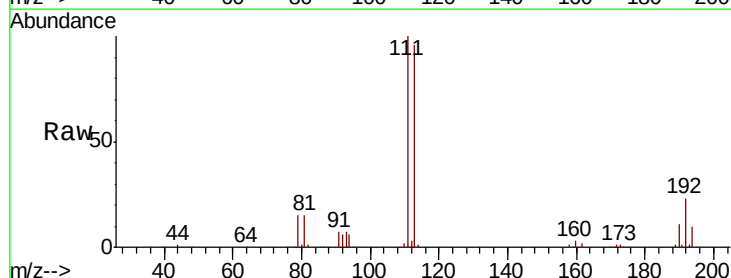
Instrument :
 MSVOA_X
 ClientSampled :
 SP-2

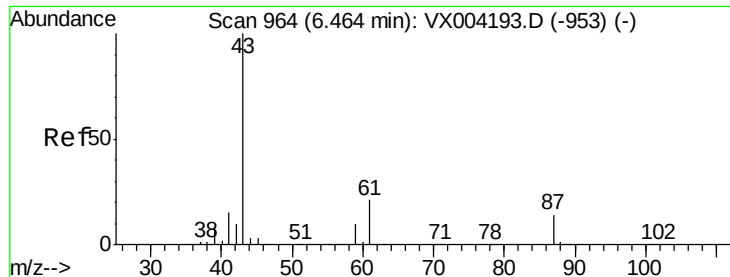
Tgt Ion:114 Resp: 477467
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 49.490 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004253.D
 Acq: 24 Aug 2018 18:01

Tgt Ion:113 Resp: 175790
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.4 123.6
 192 24.5 19.4 29.2





#43

Isopropyl Acetate

Concen: 19.147 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004253.D

Acq: 24 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

SP-2

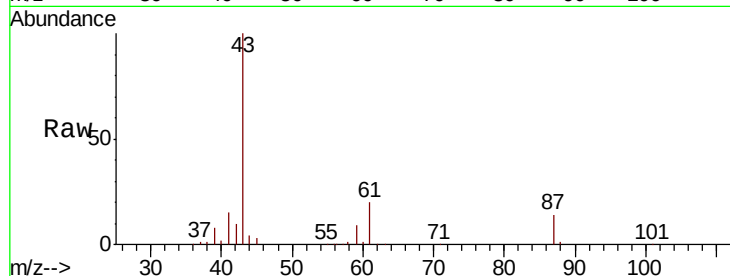
Tgt Ion: 43 Resp: 155320

Ion Ratio Lower Upper

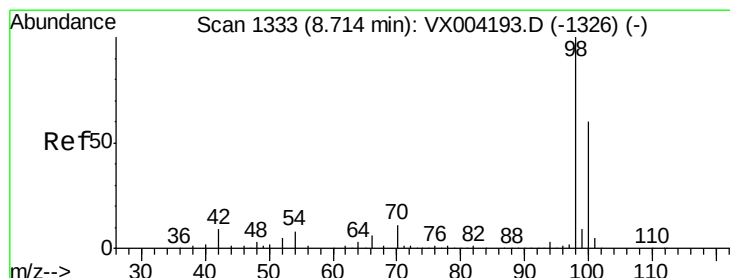
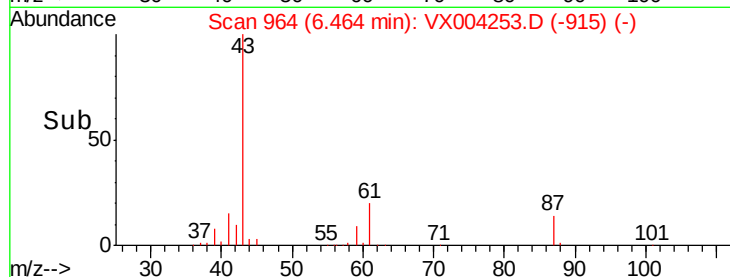
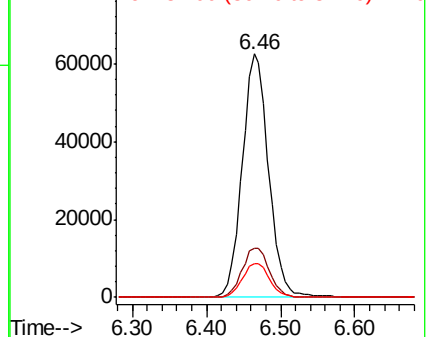
43 100

61 21.1 17.0 25.4

87 14.4 11.4 17.2



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: 50.553 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004253.D

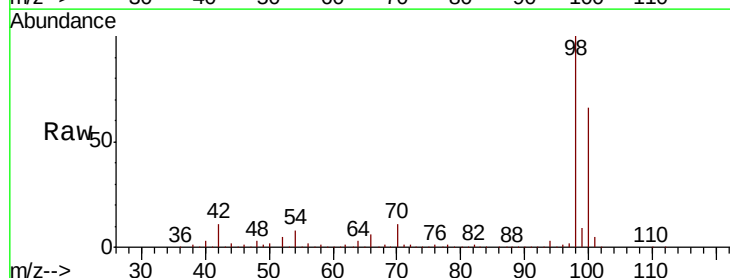
Acq: 24 Aug 2018 18:01

Tgt Ion: 98 Resp: 677803

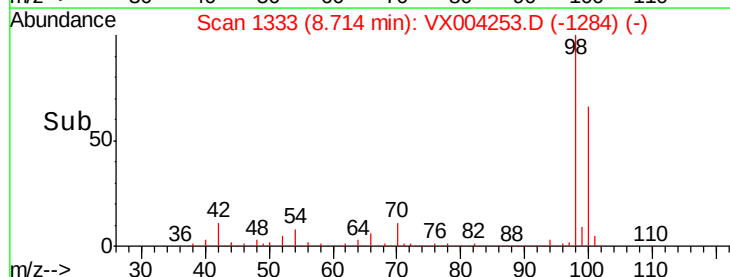
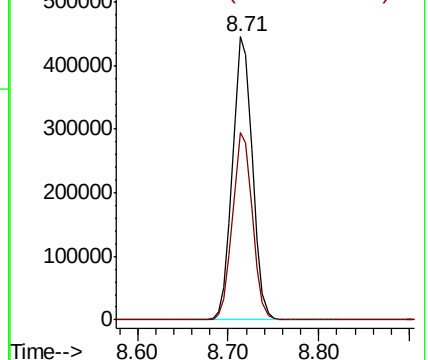
Ion Ratio Lower Upper

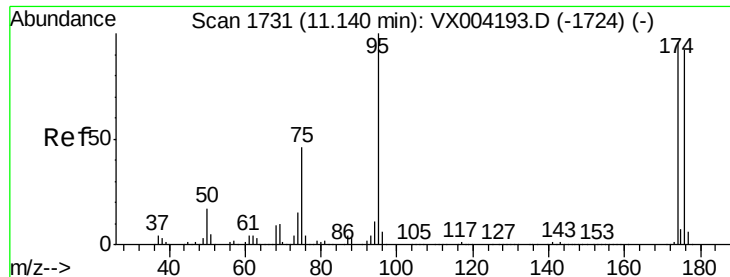
98 100

100 66.0 52.9 79.3



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





#62

4-Bromofluorobenzene

Concen: 48.165 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004253.D

Acq: 24 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

SP-2

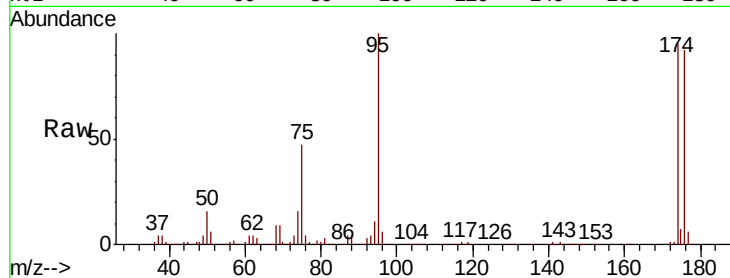
Tgt Ion: 95 Resp: 240955

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.2

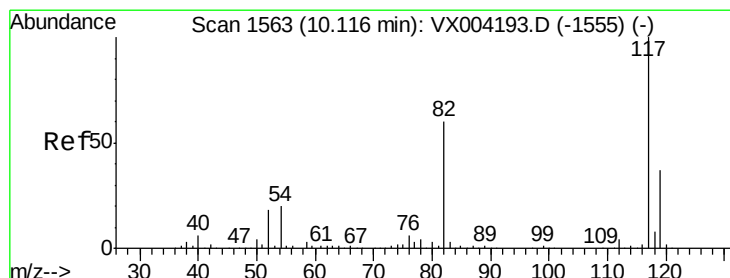
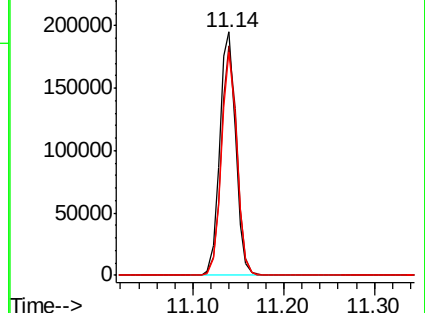
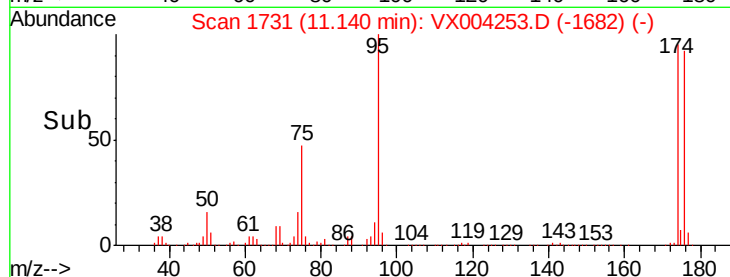
176 88.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004193.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX004193.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX004193.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004253.D

Acq: 24 Aug 2018 18:01

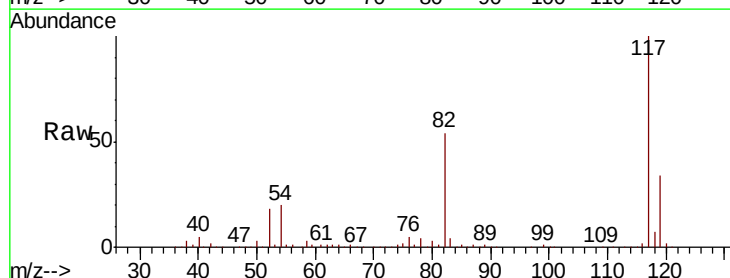
Tgt Ion: 117 Resp: 428818

Ion Ratio Lower Upper

117 100

82 53.7 47.8 71.6

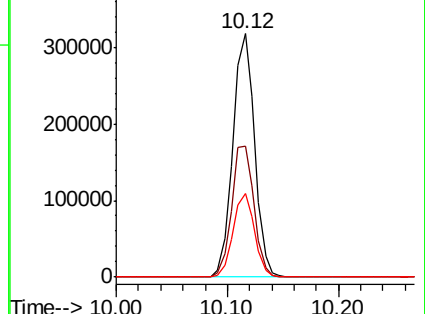
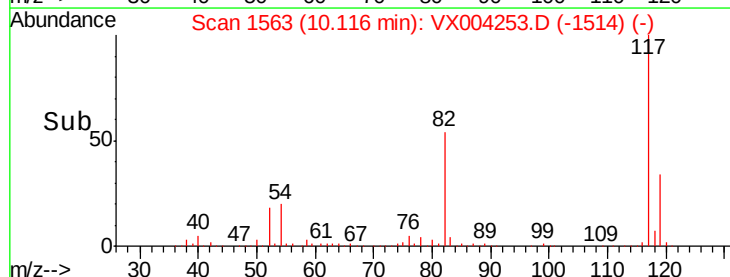
119 34.4 29.3 43.9

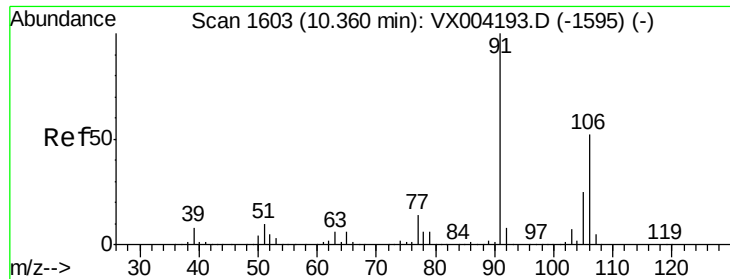


Abundance Ion 116.90 (116.60 to 117.60): VX004193.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX004193.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX004193.D (-1555) (-)





#68

m/p-Xylenes

Concen: 1.789 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004253.D

Acq: 24 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

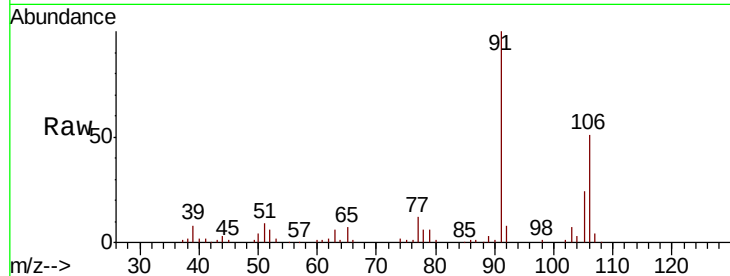
SP-2

Tgt Ion:106 Resp: 12224

Ion Ratio Lower Upper

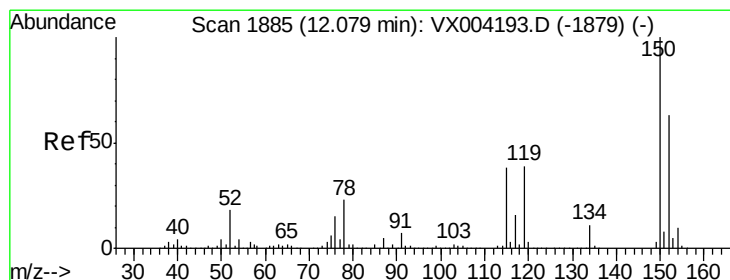
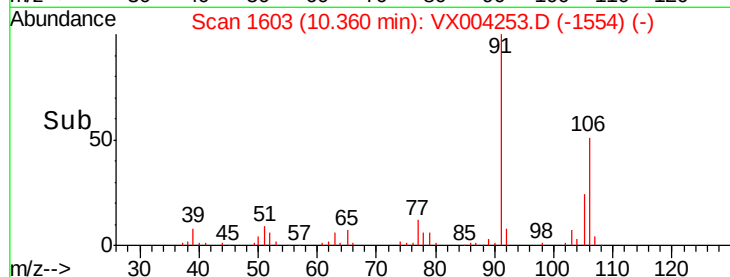
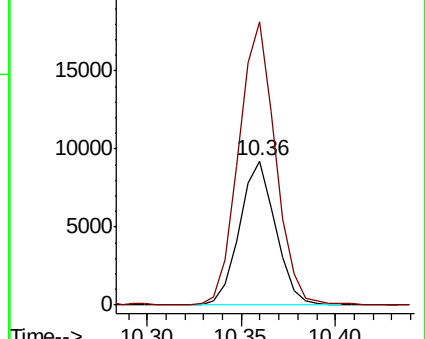
106 100

91 201.0 157.1 235.7



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# 1885

Delta R.T. -0.00 min

Lab File: VX004253.D

Acq: 24 Aug 2018 18:01

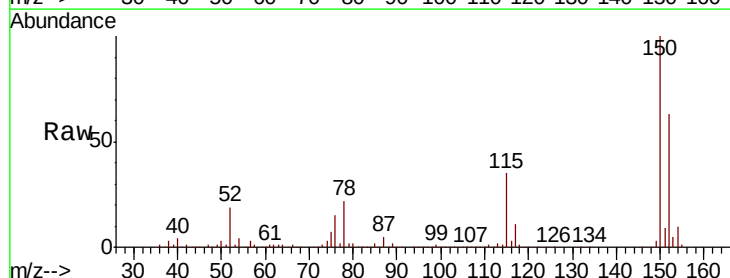
Tgt Ion:152 Resp: 255716

Ion Ratio Lower Upper

152 100

115 55.0 39.0 117.0

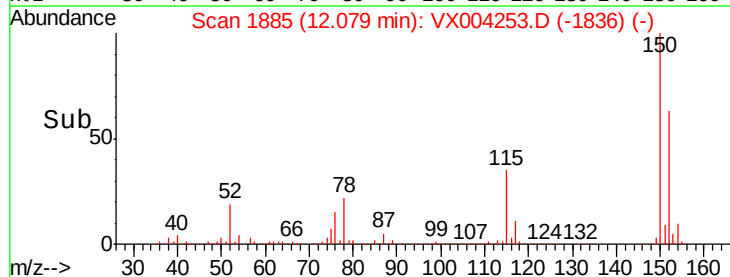
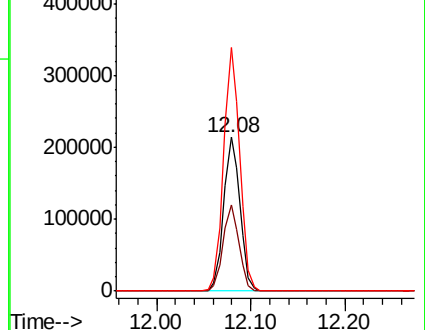
150 157.2 0.0 351.0

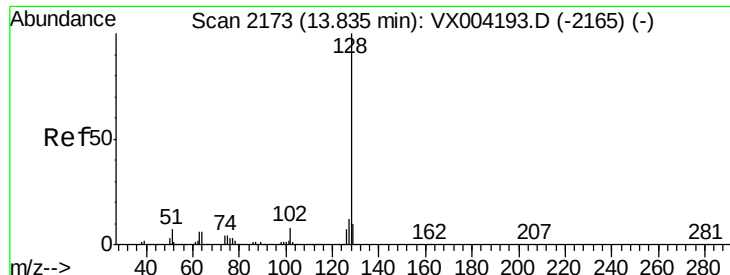


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 6.378 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004253.D

Acq: 24 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

SP-2

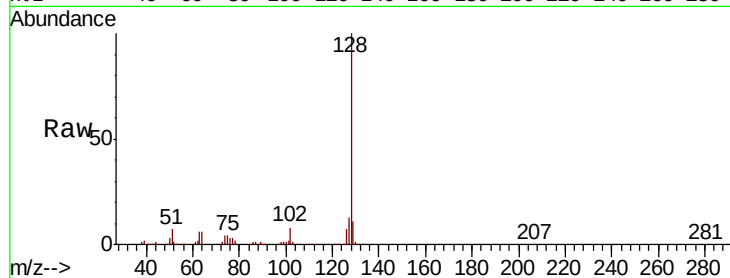
Tgt Ion:128 Resp: 106406

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.6 12.8



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

