

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008791.D
 Acq On : 09 Apr 2019 23:12
 Operator : JC/SP
 Sample : K2198-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-040819

Quant Time: Apr 10 08:18:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

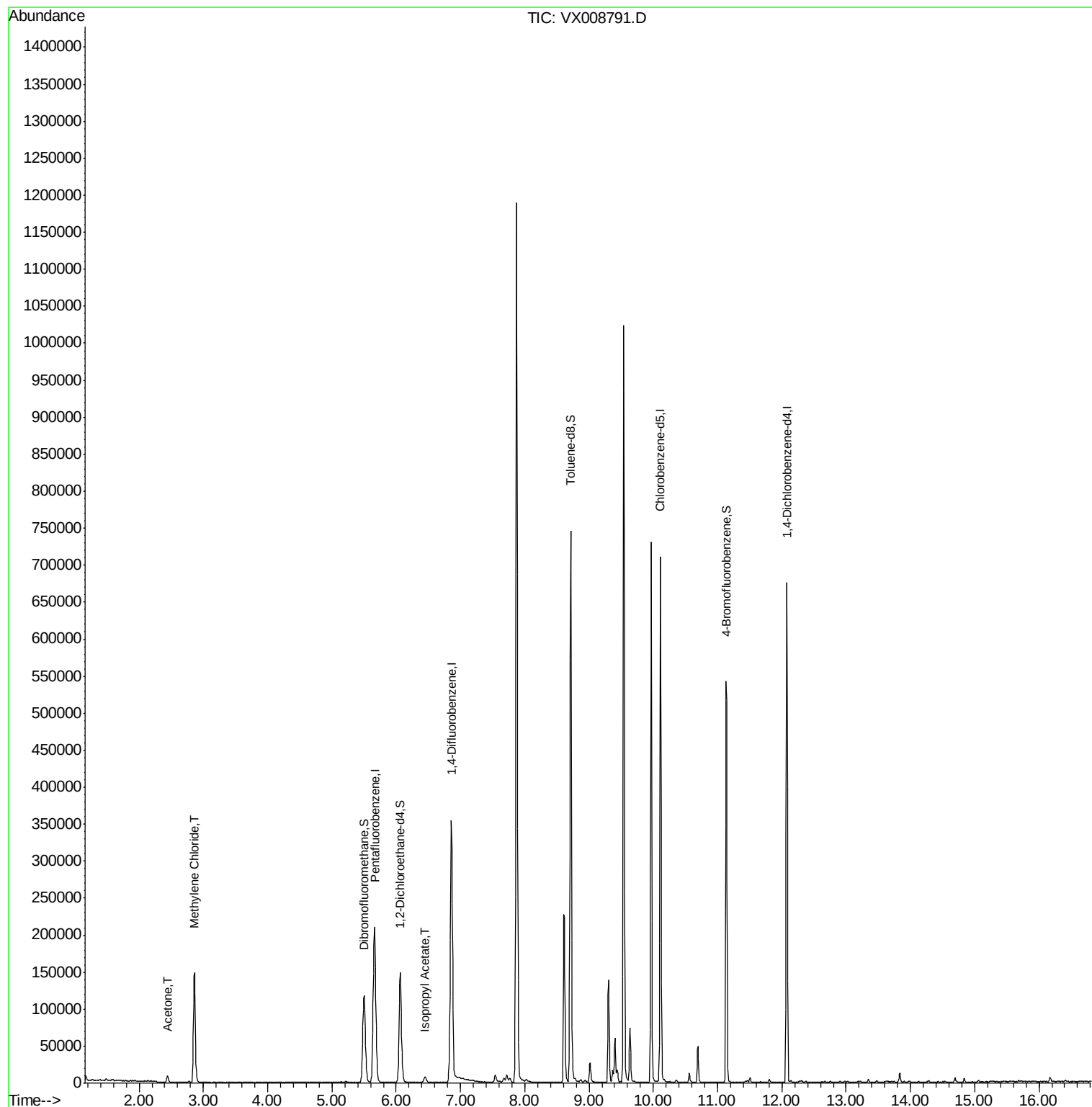
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140869	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	103121	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	431582	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	148968	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
Target Compounds						
16) Acetone	2.44	43	9680	5.628	ug/l	99
20) Methylene Chloride	2.86	84	67382	23.403	ug/l	96
43) Isopropyl Acetate	6.45	43	11483	1.481	ug/l	99

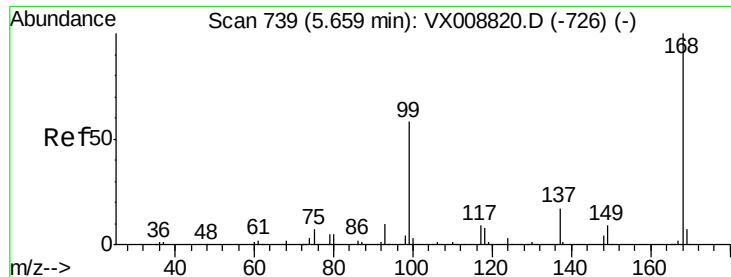
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008791.D

Acq: 09 Apr 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

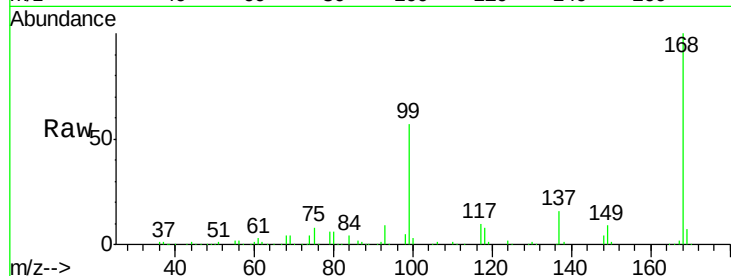
OK-01-040819

Tot Ion:168 Resp: 204746

Ion Ratio Lower Upper

168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

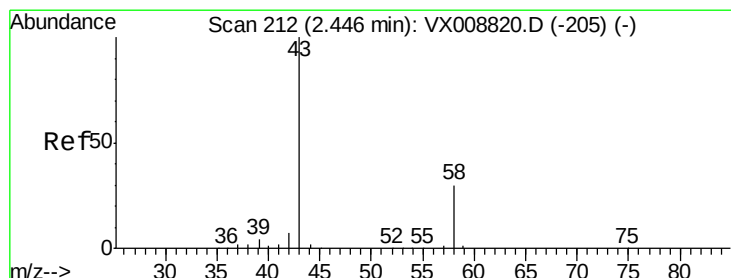
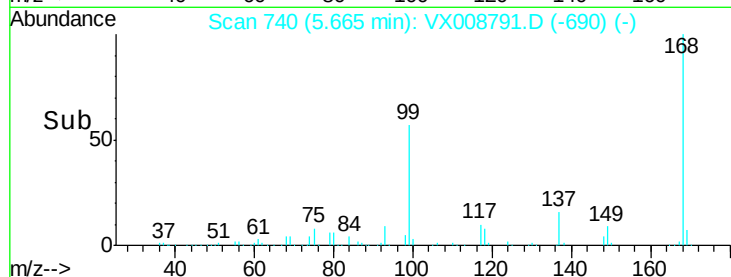
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.628 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008791.D

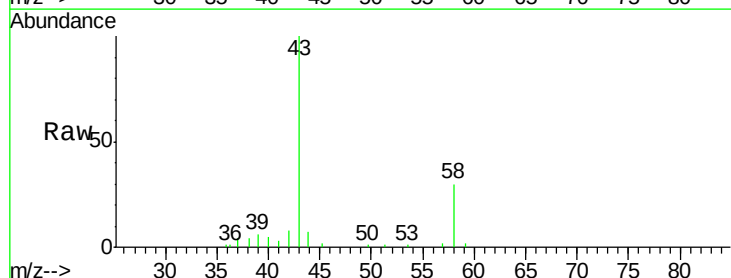
Acq: 09 Apr 2019 23:12

Tgt Ion: 43 Resp: 9680

Ion Ratio Lower Upper

43 100

58 30.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

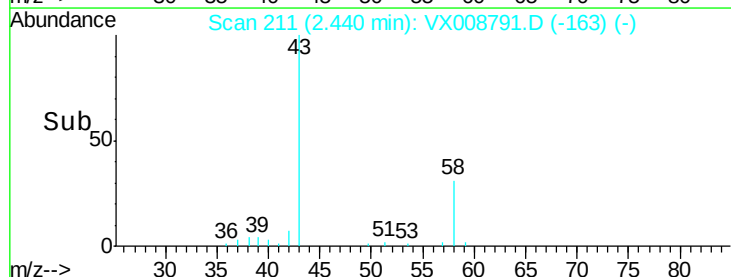
3000

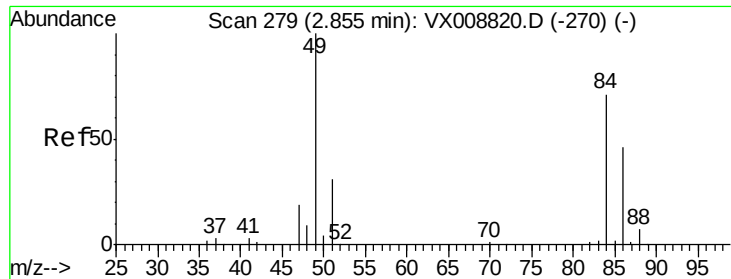
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55



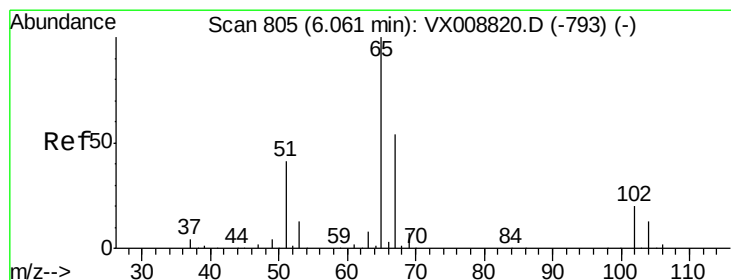
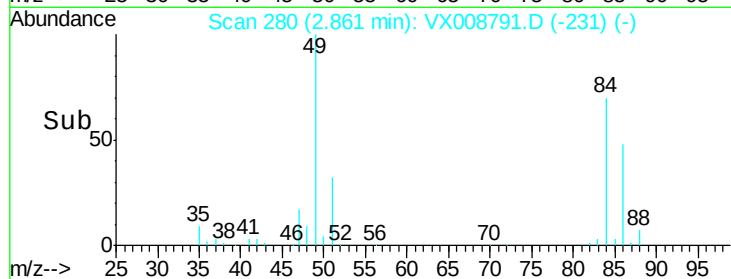
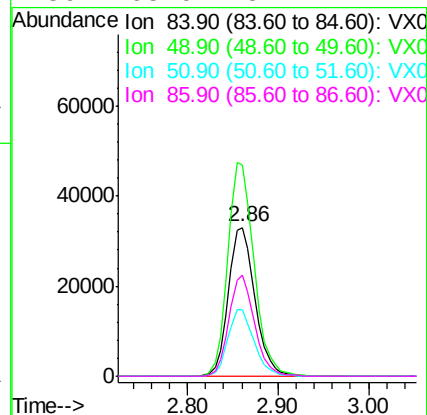
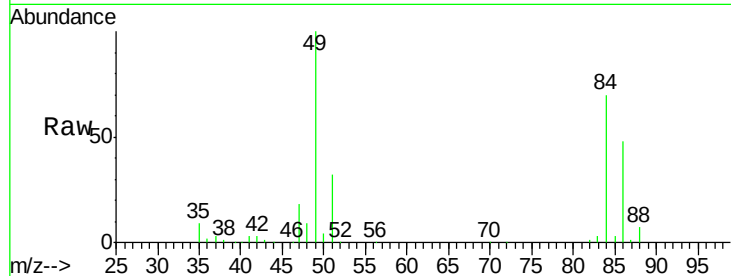


#20
Methvlene Chloride
Concen: 23.403 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008791.D
Acq: 09 Apr 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
OK-01-040819

Tot Ion: 84 Resp: 67382

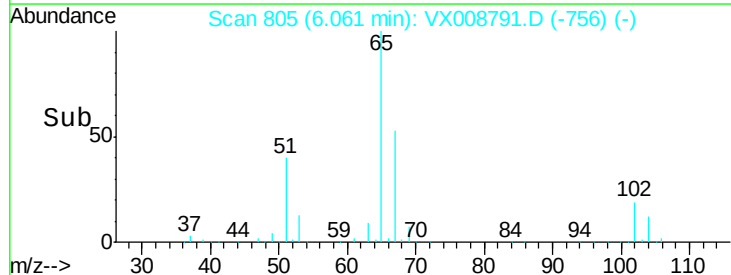
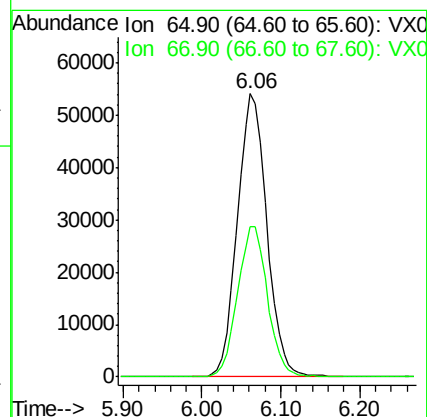
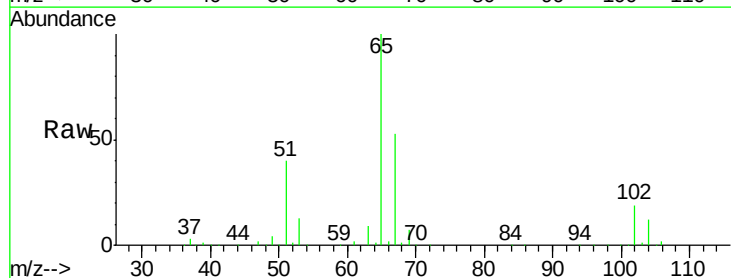
Ion	Ratio	Lower	Upper
84	100		
49	142.2	109.7	164.5
51	44.8	33.6	50.4
86	68.0	51.4	77.2

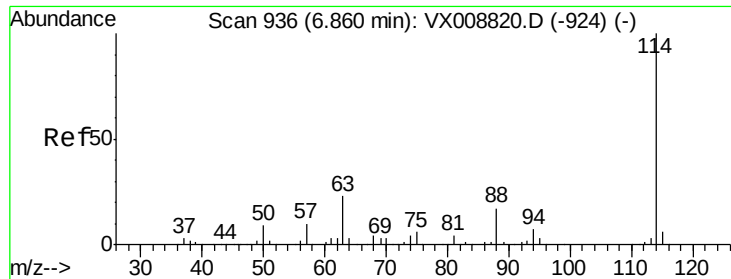


#33
1,2-Dichloroethane-d4
Concen: 47.171 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008791.D
Acq: 09 Apr 2019 23:12

Tgt Ion: 65 Resp: 140869

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2

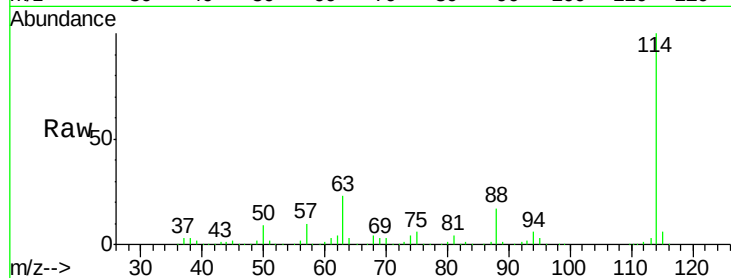




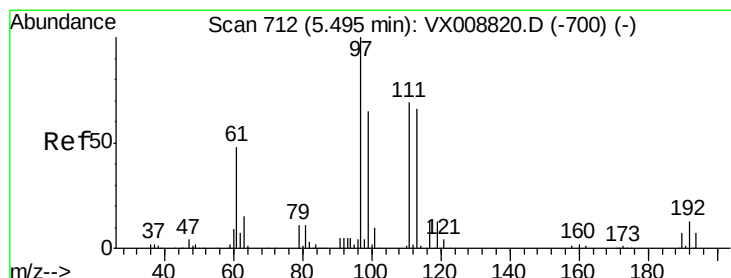
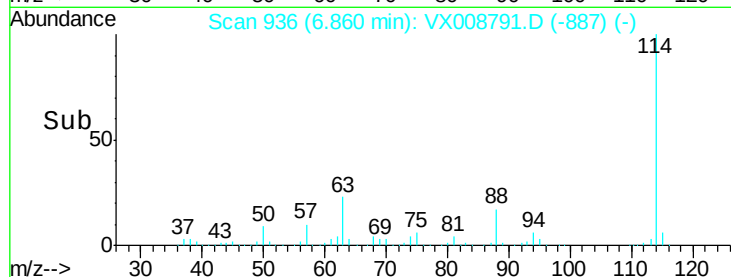
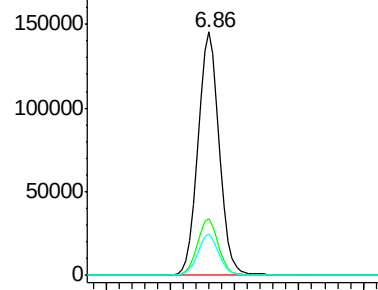
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008791.D
 Acq: 09 Apr 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-040819

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	16.9	0.0	34.0

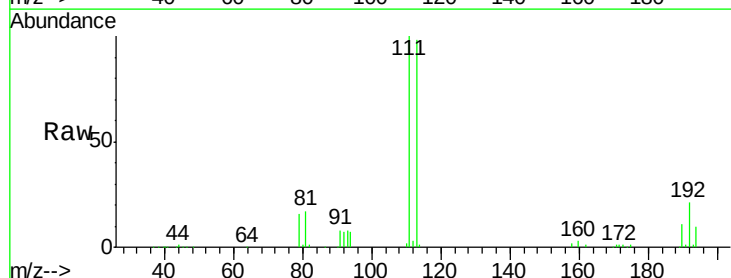


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

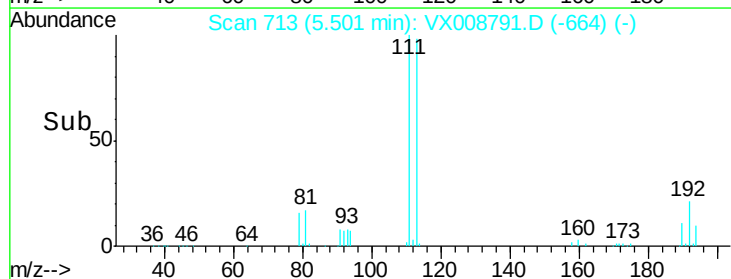
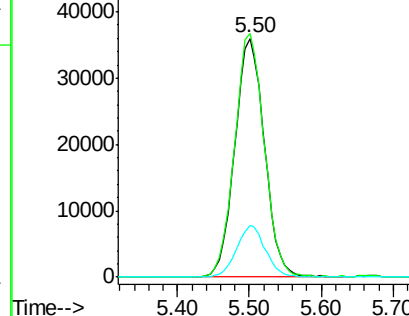


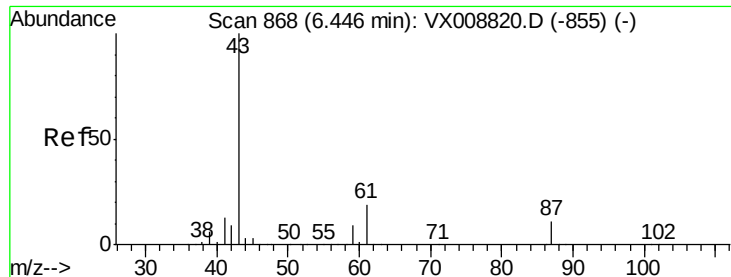
#35
 Dibromofluoromethane
 Concen: 47.552 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008791.D
 Acq: 09 Apr 2019 23:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.2
192	21.0	16.1	24.1



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

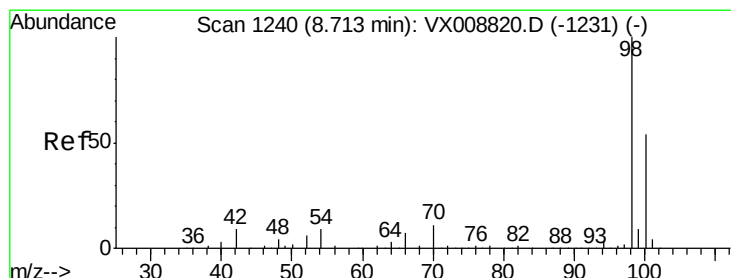
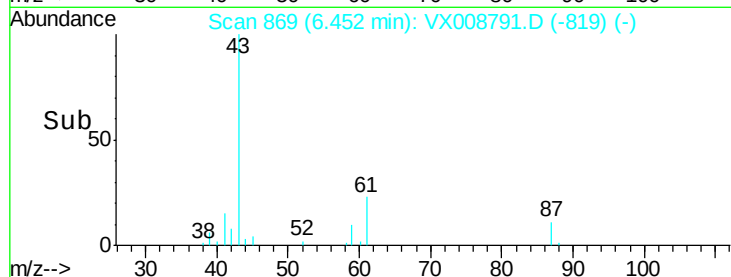
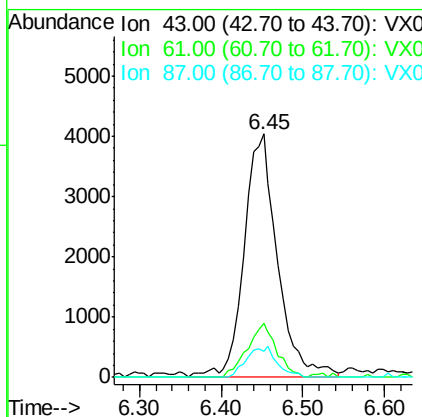
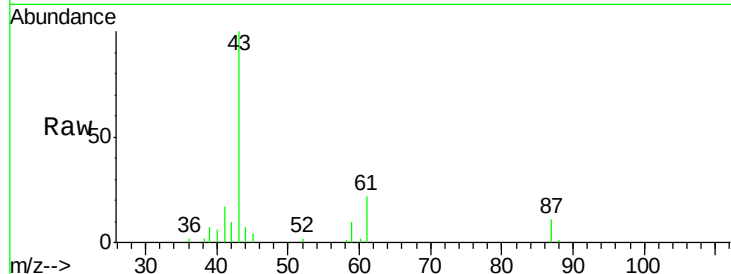




#43
Isopropyl Acetate
Concen: 1.481 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX008791.D
Acq: 09 Apr 2019 23:12

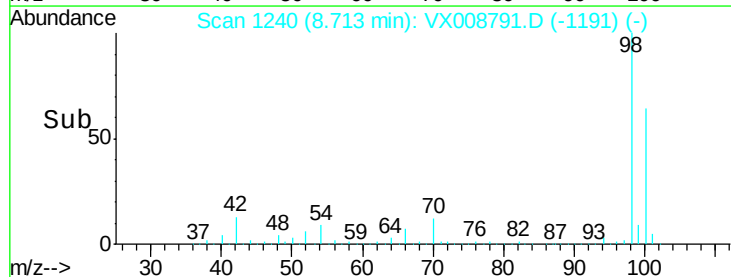
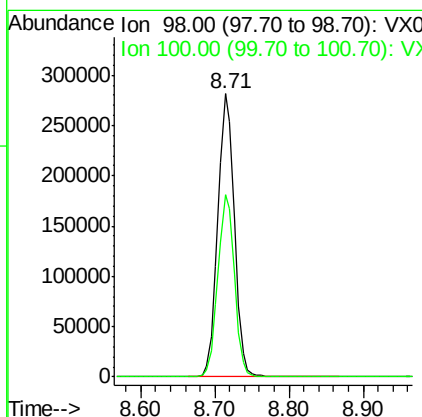
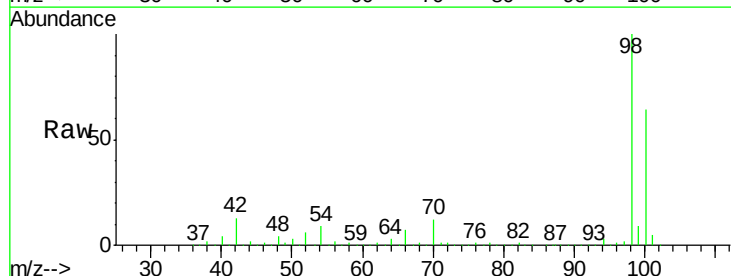
Instrument :
MSVOA_X
ClientSampleId :
OK-01-040819

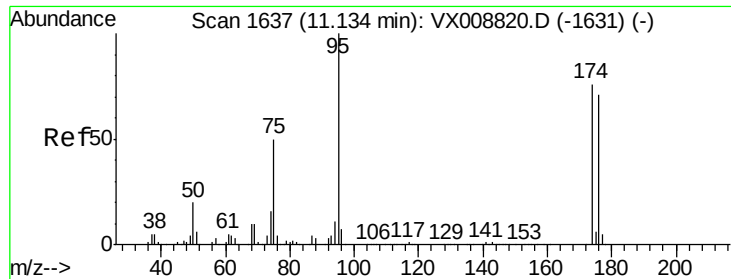
Tot Ion: 43 Resp: 11483
Ion Ratio Lower Upper
43 100
61 19.5 15.3 22.9
87 11.4 9.0 13.6



#50
Toluene-d8
Concen: 49.982 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008791.D
Acq: 09 Apr 2019 23:12

Tgt Ion: 98 Resp: 431582
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 48.650 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008791.D

Acq: 09 Apr 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

OK-01-040819

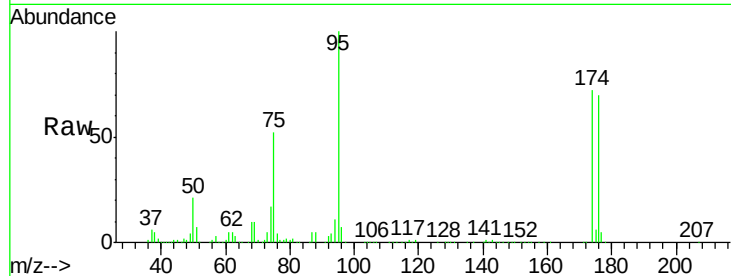
Tot Ion: 95 Resp: 148968

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

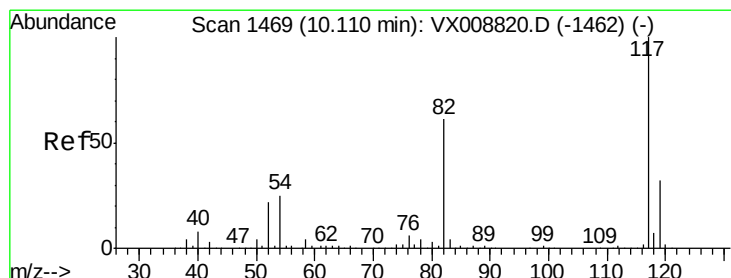
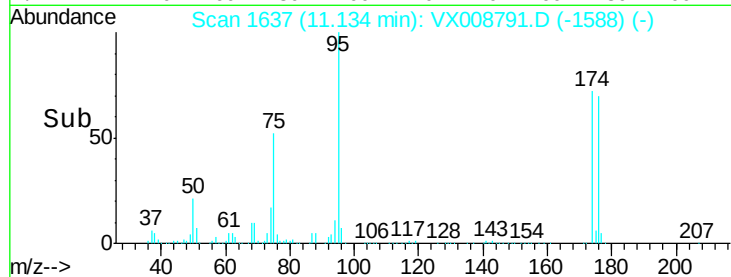
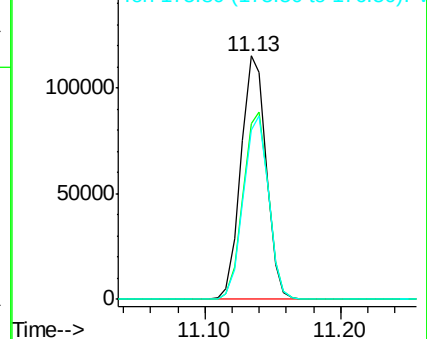
176 75.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008791.D

Acq: 09 Apr 2019 23:12

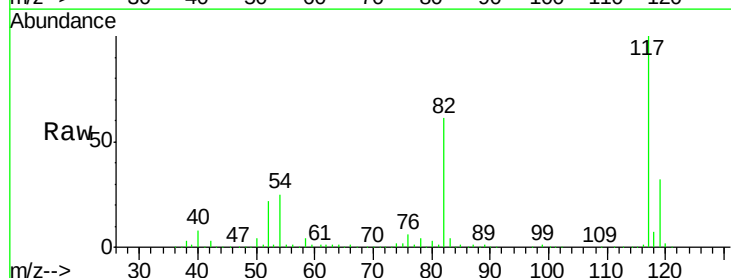
Tgt Ion: 117 Resp: 303608

Ion Ratio Lower Upper

117 100

82 61.1 49.6 74.4

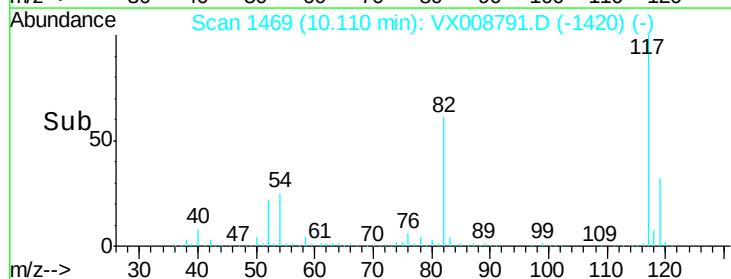
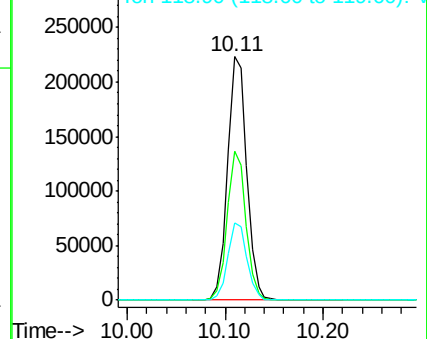
119 31.9 25.0 37.4

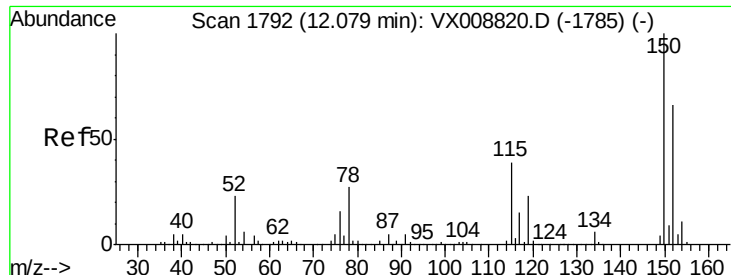


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)

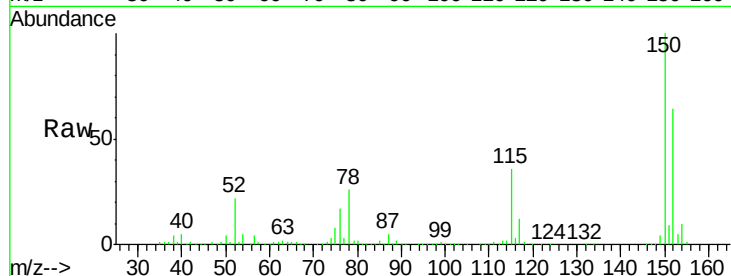




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008791.D
 Acq: 09 Apr 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-040819

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	43.5	130.5
150	155.5	0.0	348.8



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

