

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010566.D
 Acq On : 29 Jun 2019 04:15
 Operator : JC/SP
 Sample : K3555-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SAMPLE-9

Quant Time: Jun 29 07:06:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

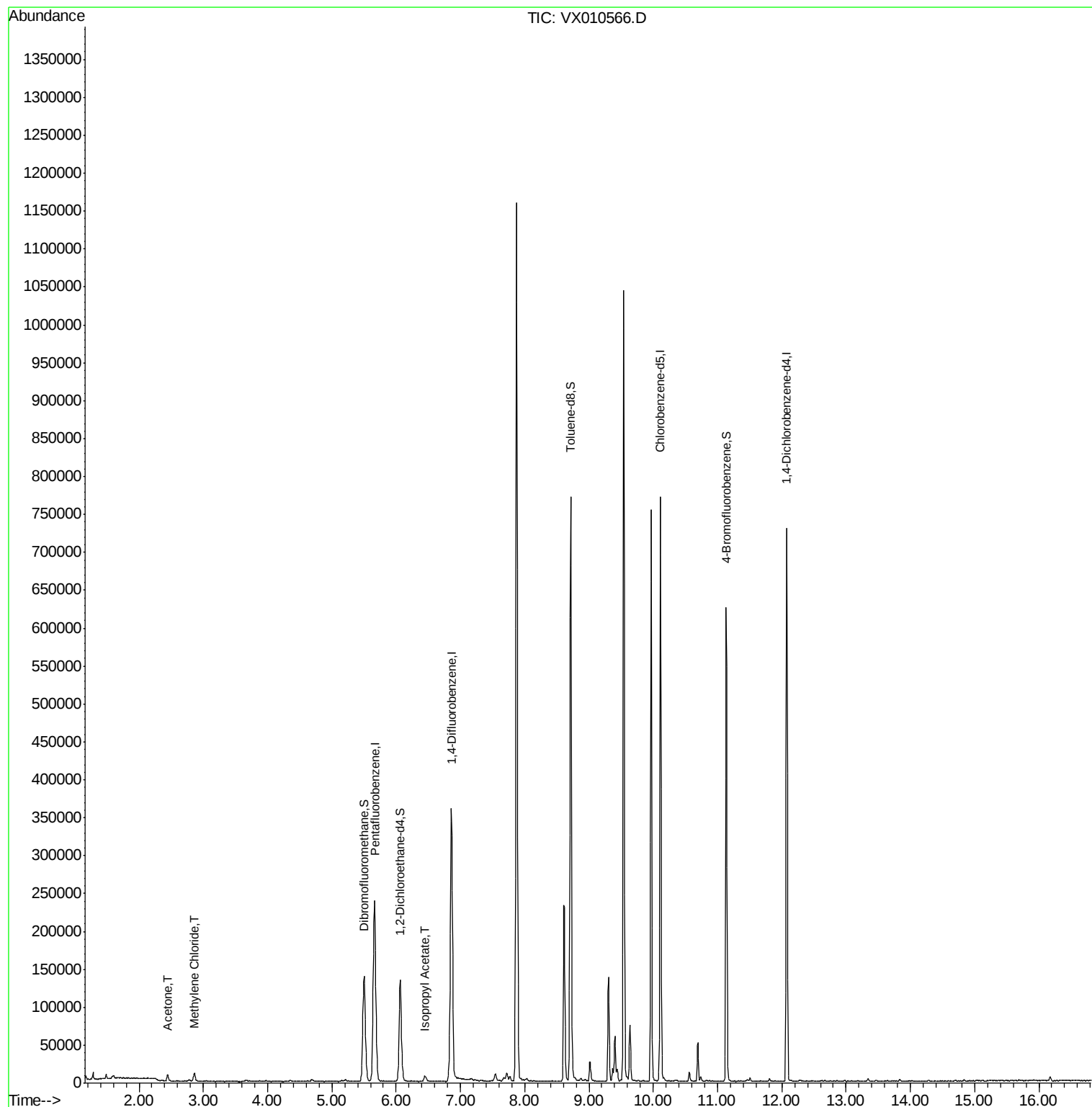
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120051	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	5.50	113	116763	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	8.71	98	470128	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.13	95	153746	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
16) Acetone	2.44	43	8018	6.798	ug/l	95
20) Methylene Chloride	2.86	84	5594	2.305	ug/l	90
43) Isopropyl Acetate	6.45	43	10451	1.988	ug/l	98

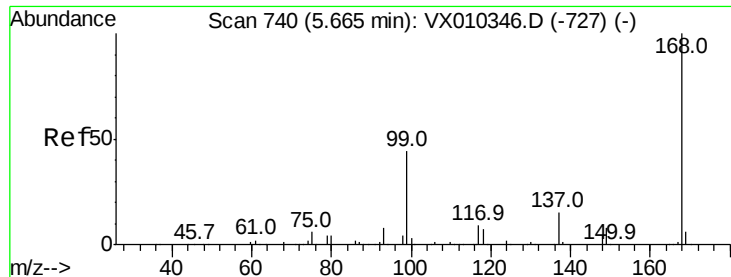
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010566.D

Acq: 29 Jun 2019 04:15

Instrument :

MSVOA_X

ClientSampleId :

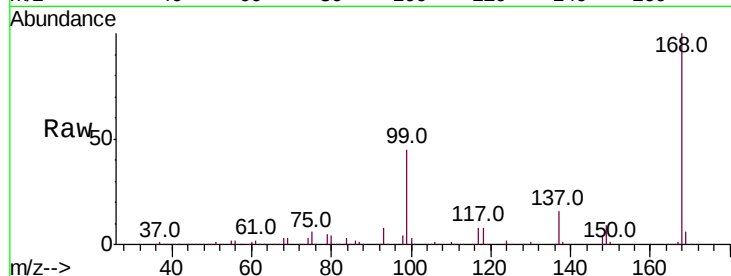
SAMPLE-9

Tot Ion:168 Resp: 251014

Ion Ratio Lower Upper

168 100

99 45.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

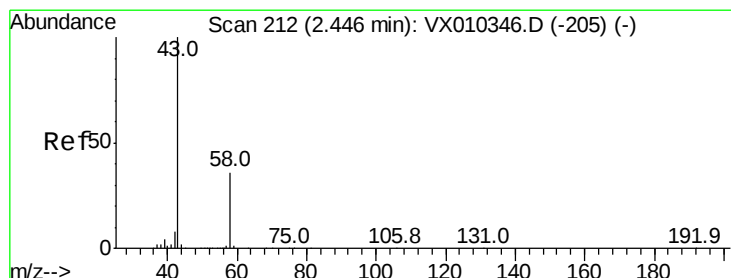
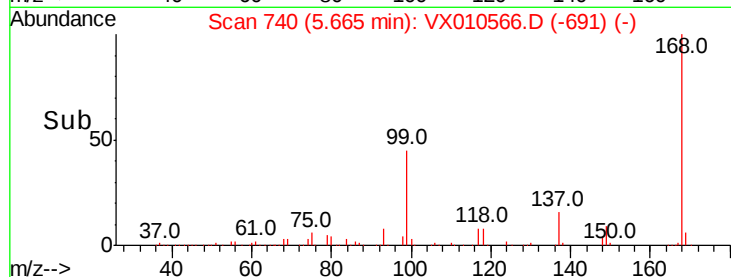
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.798 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010566.D

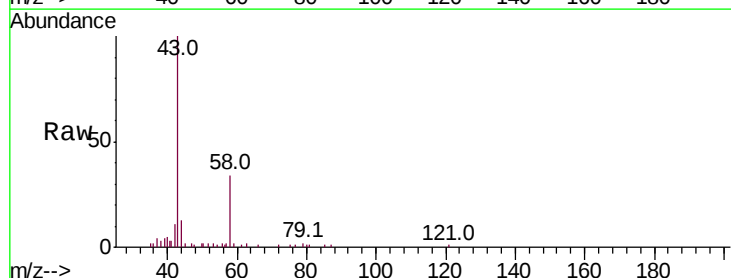
Acq: 29 Jun 2019 04:15

Tgt Ion: 43 Resp: 8018

Ion Ratio Lower Upper

43 100

58 32.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

5000

4000

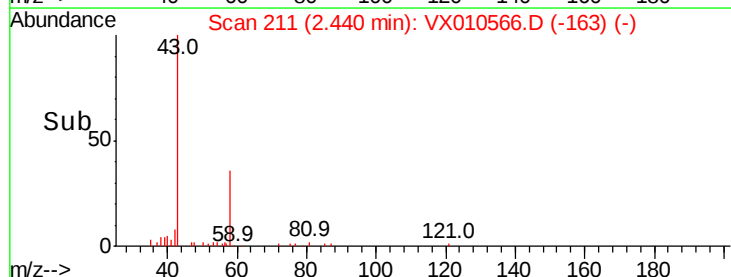
3000

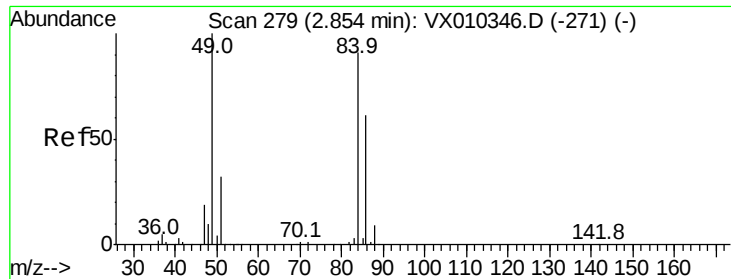
2000

1000

0

Time--> 2.40 2.45 2.50

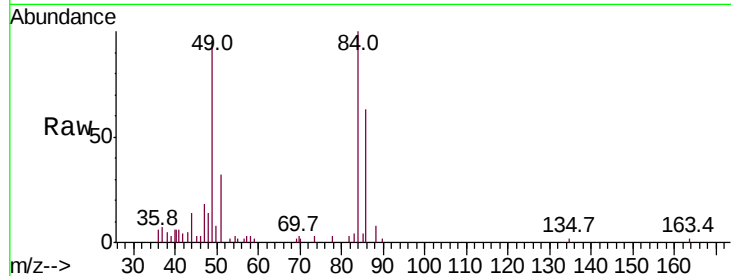




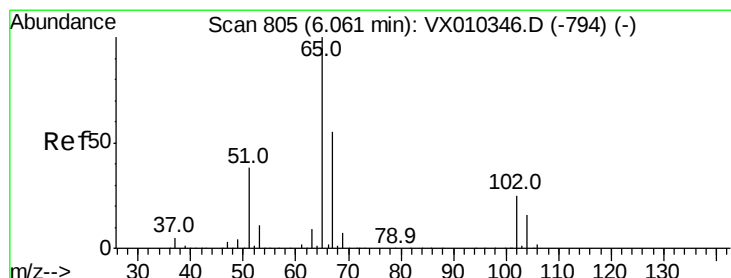
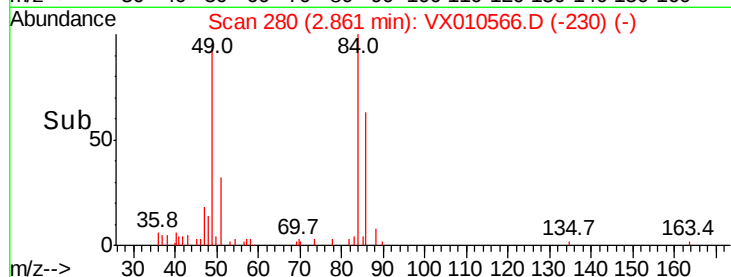
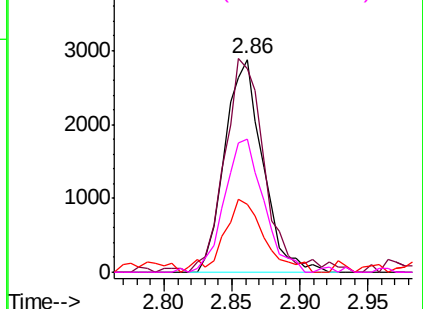
#20
Methvlene Chloride
Concen: 2.305 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010566.D
Acq: 29 Jun 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-9

Tot Ion: 84 Resp: 5594
Ion Ratio Lower Upper
84 100
49 95.6 87.5 131.3
51 29.5 27.7 41.5
86 62.7 53.4 80.0

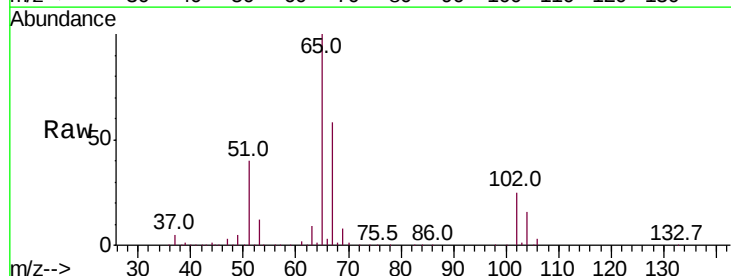


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

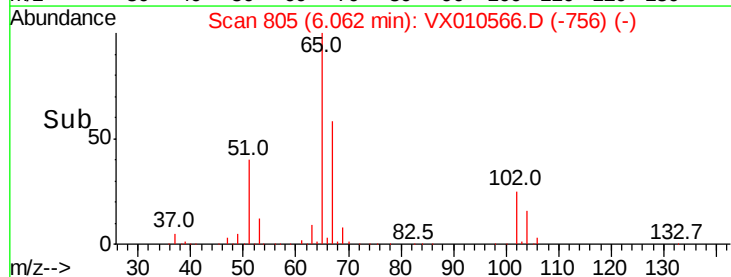
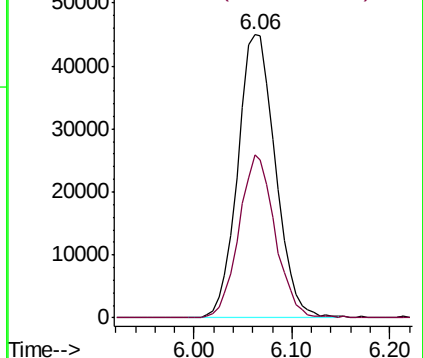


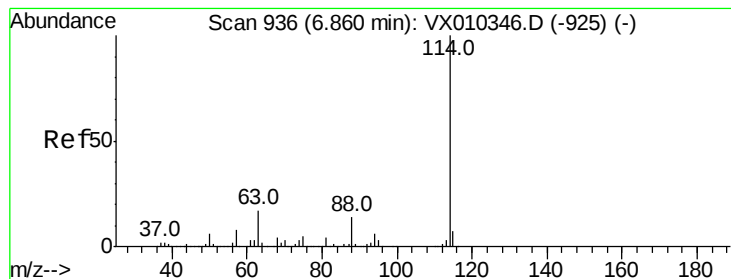
#33
1,2-Dichloroethane-d4
Concen: 51.009 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010566.D
Acq: 29 Jun 2019 04:15

Tgt Ion: 65 Resp: 120051
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010566.D

Acq: 29 Jun 2019 04:15

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-9

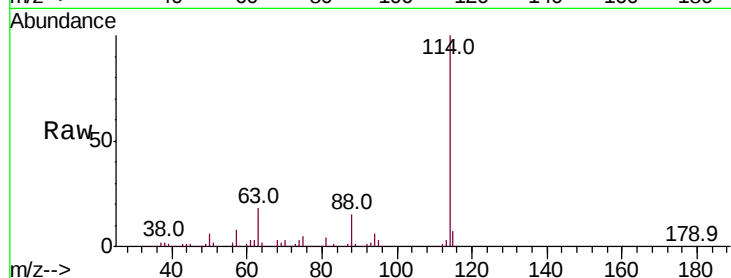
Tot Ion:114 Resp: 388589

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

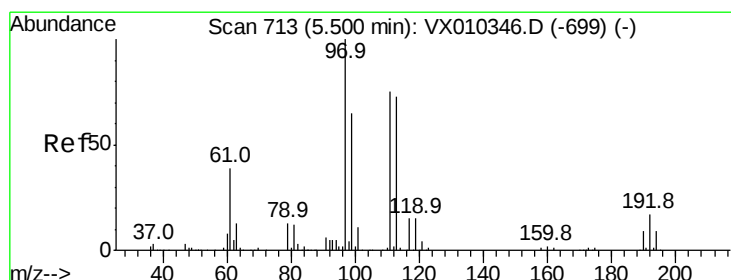
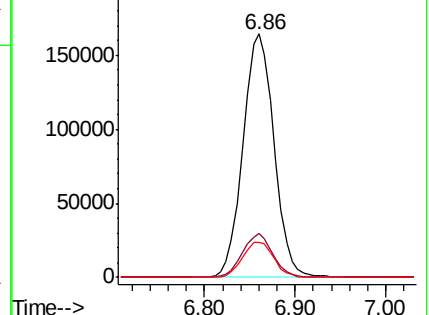
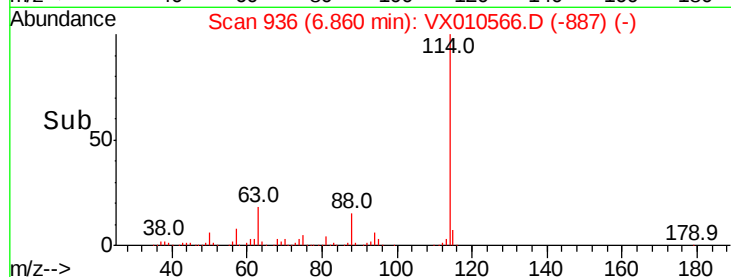
88 14.6 0.0 27.6



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: 49.111 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010566.D

Acq: 29 Jun 2019 04:15

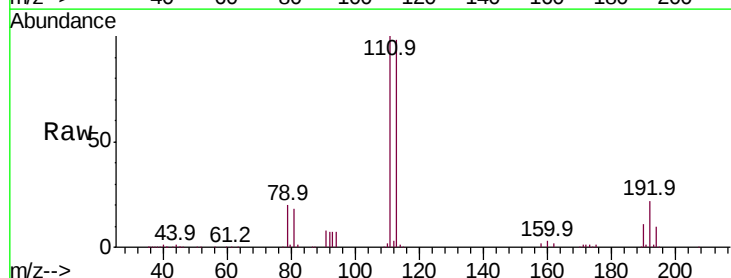
Tgt Ion:113 Resp: 116763

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

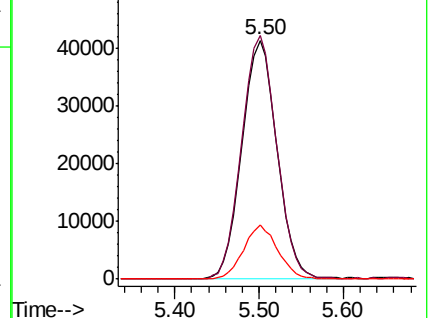
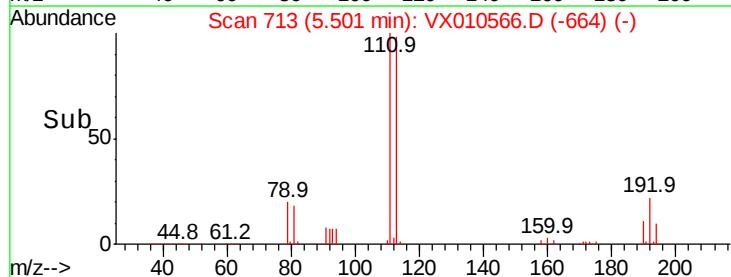
192 22.3 18.6 27.8

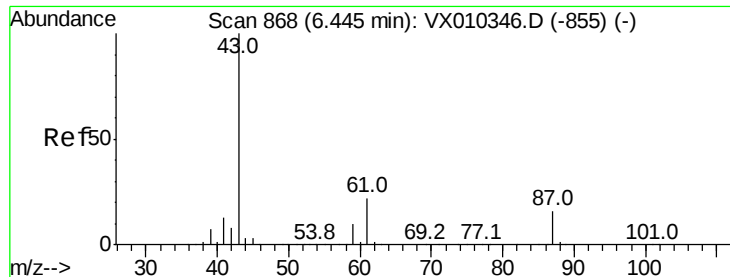


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.988 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010566.D

Acq: 29 Jun 2019 04:15

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-9

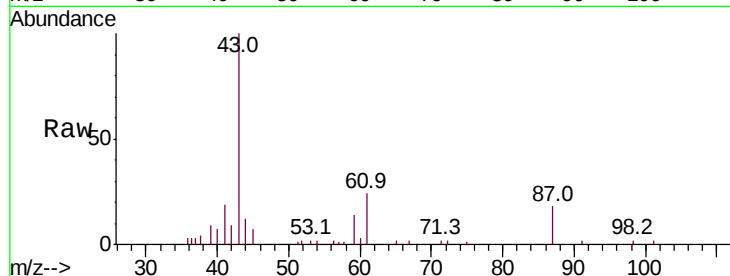
Tot Ion: 43 Resp: 10451

Ion Ratio Lower Upper

43 100

61 23.5 17.8 26.6

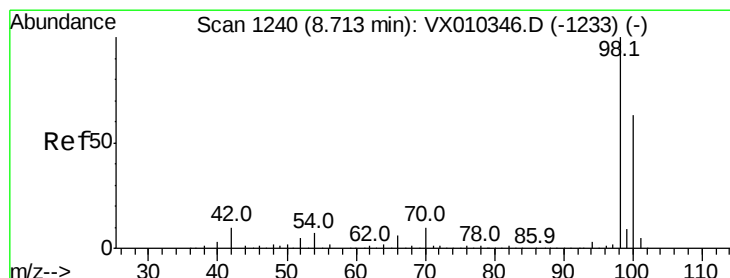
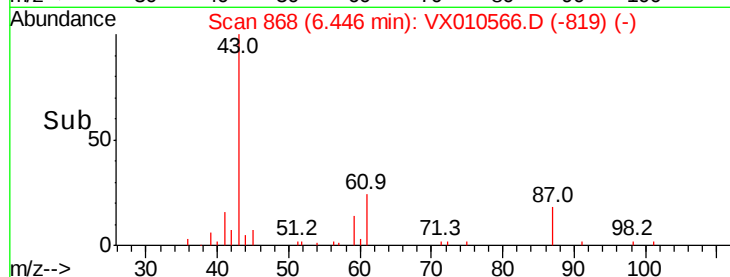
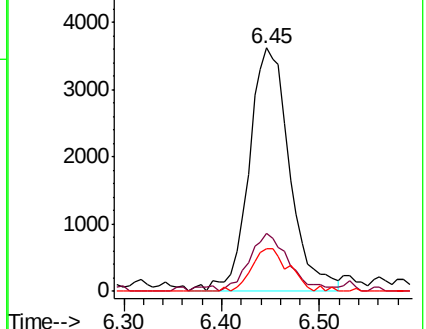
87 16.1 13.0 19.4



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: 51.685 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010566.D

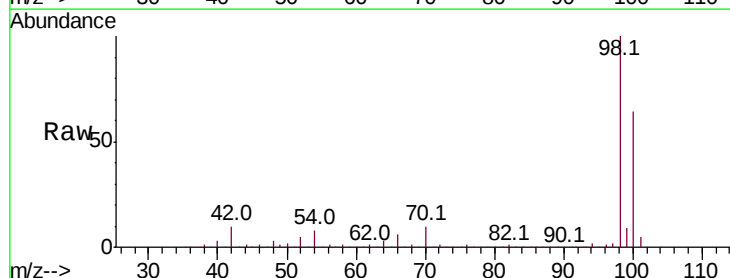
Acq: 29 Jun 2019 04:15

Tgt Ion: 98 Resp: 470128

Ion Ratio Lower Upper

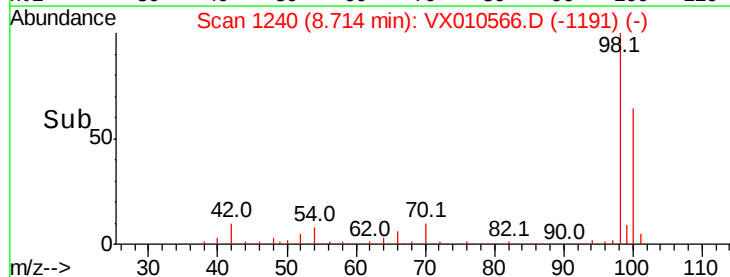
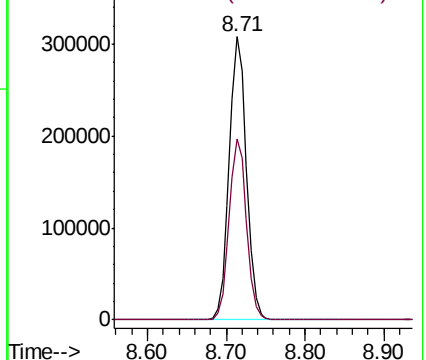
98 100

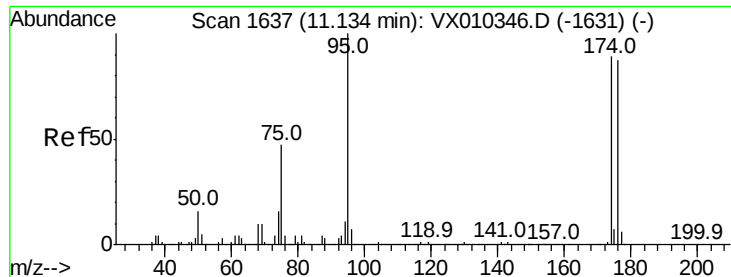
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

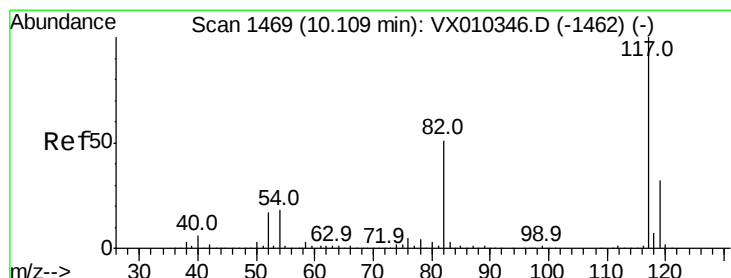
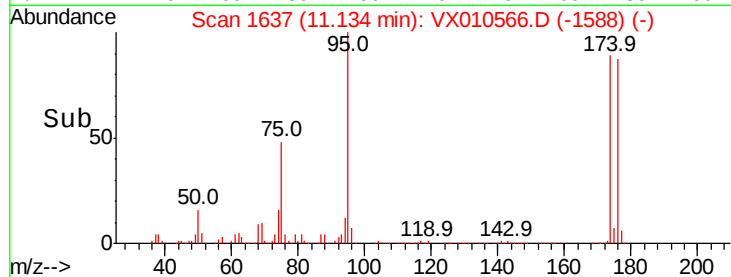
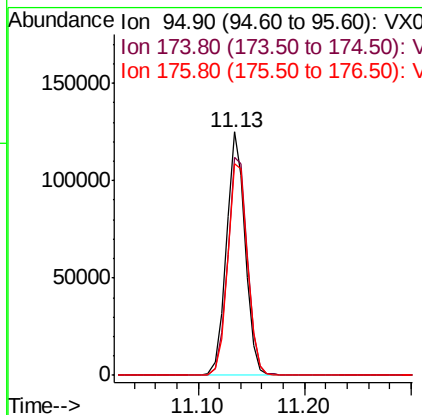
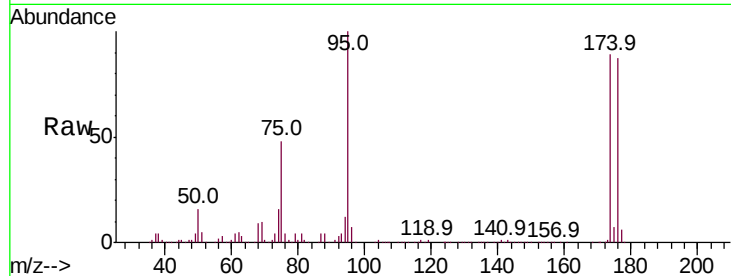




#62
4-Bromofluorobenzene
Concen: 46.818 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010566.D
Acq: 29 Jun 2019 04:15

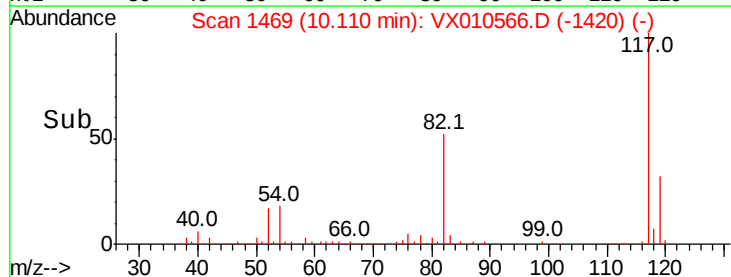
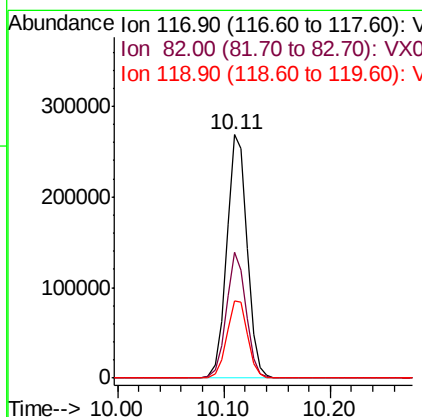
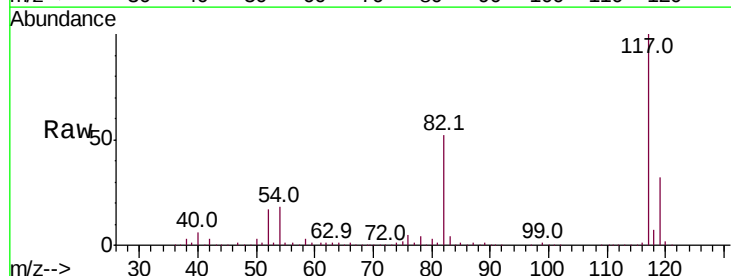
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-9

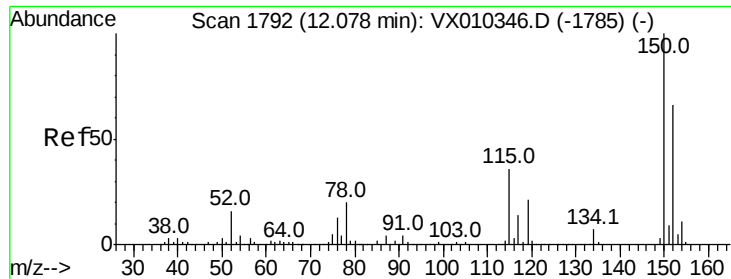
Tot Ion: 95 Resp: 153746
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.6
176 92.5 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010566.D
Acq: 29 Jun 2019 04:15

Tgt Ion: 117 Resp: 359772
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 31.6 25.5 38.3

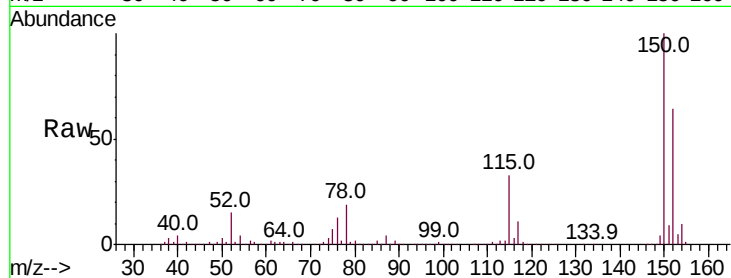




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010566.D
 Acq: 29 Jun 2019 04:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SAMPLE-9

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.6	115.7
150	159.2	0.0	347.4



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

