

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011239.D
 Acq On : 31 Jul 2019 09:15
 Operator : JC/SP
 Sample : K4044-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jul 31 10:15:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

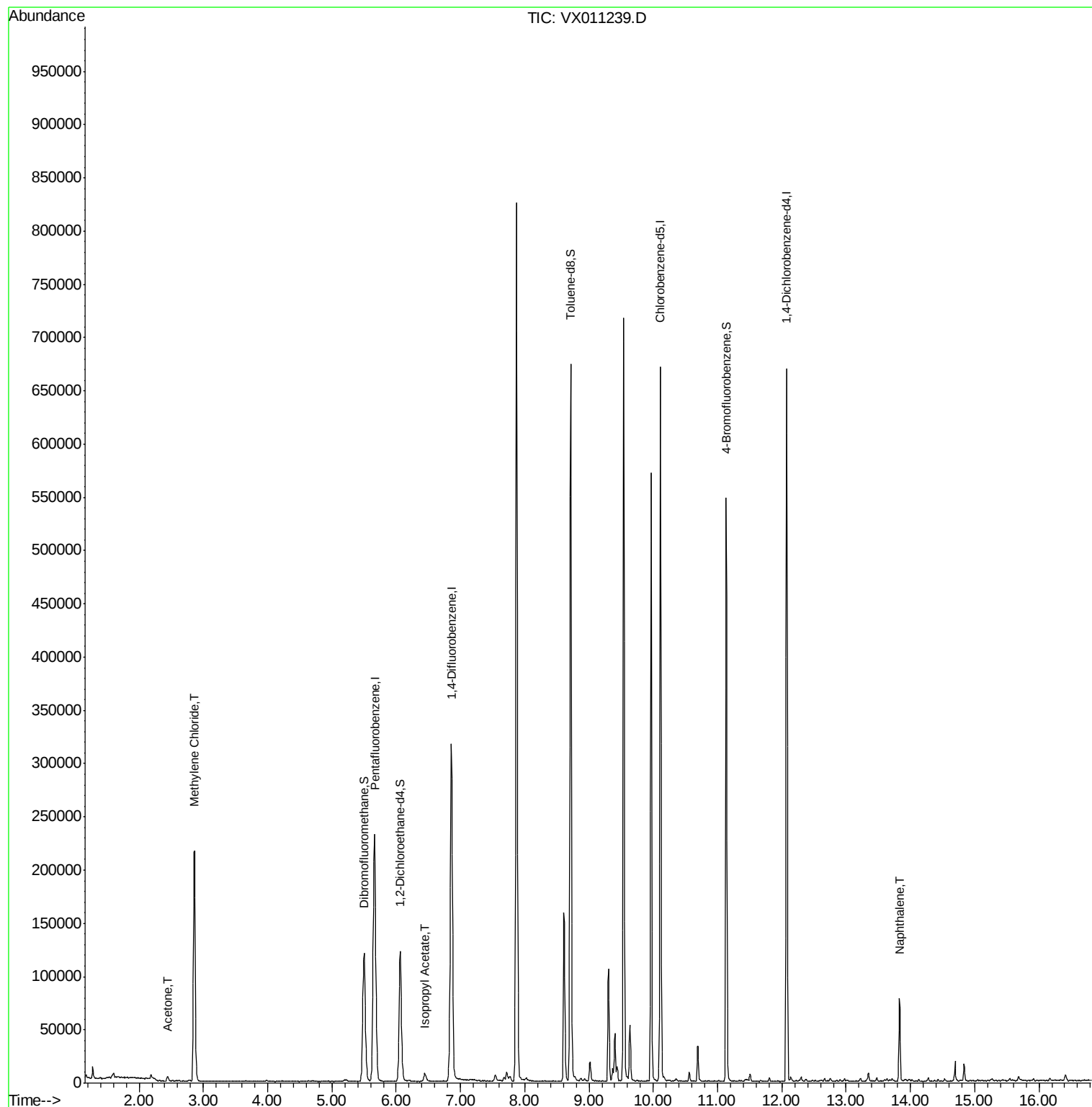
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	142059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114409	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
35) Dibromofluoromethane	5.50	113	101609	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	8.71	98	398042	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	131376	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
16) Acetone	2.44	43	5150	4.572	ug/l	94
20) Methylene Chloride	2.86	84	107360	44.973	ug/l	98
43) Isopropyl Acetate	6.45	43	10666	2.293	ug/l	96
95) Naphthalene	13.83	128	47996	5.267	ug/l	100

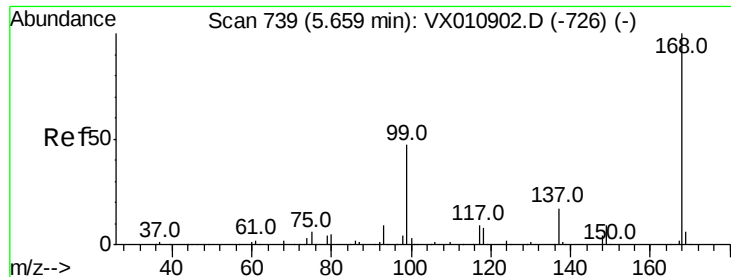
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011239.D

Acq: 31 Jul 2019 09:15

Instrument :

MSVOA_X

ClientSampled :

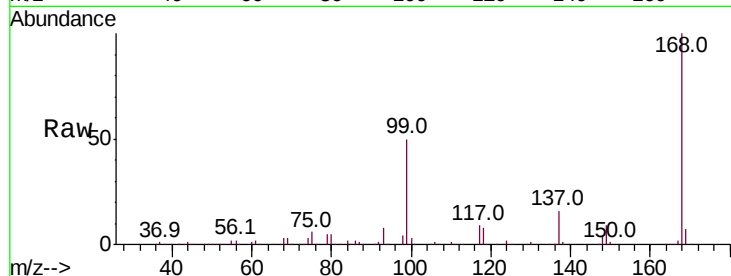
TP-3

Tot Ion:168 Resp: 234441

Ion Ratio Lower Upper

168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

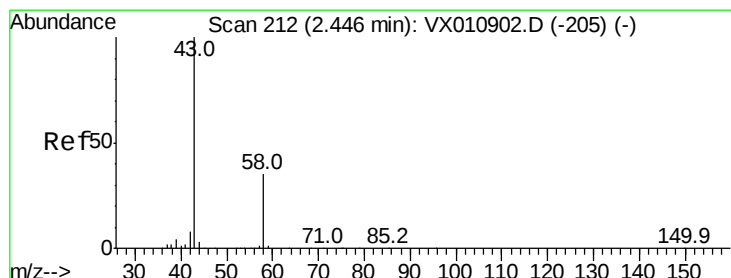
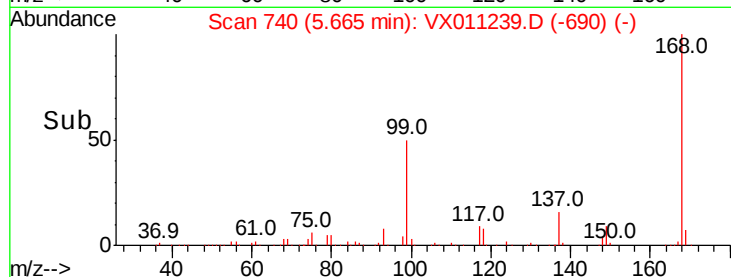
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.572 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011239.D

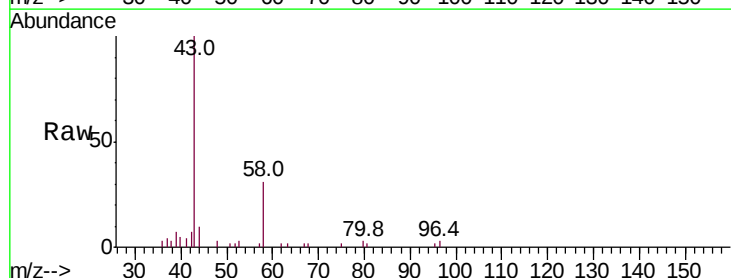
Acq: 31 Jul 2019 09:15

Tgt Ion: 43 Resp: 5150

Ion Ratio Lower Upper

43 100

58 31.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

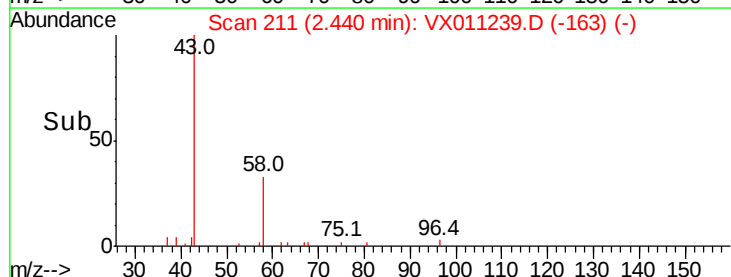
3000

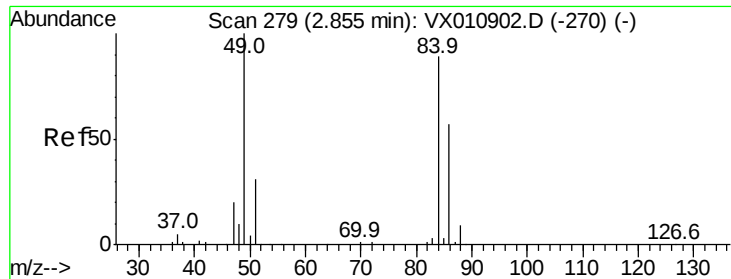
2000

1000

0

Time--> 2.40 2.45 2.50

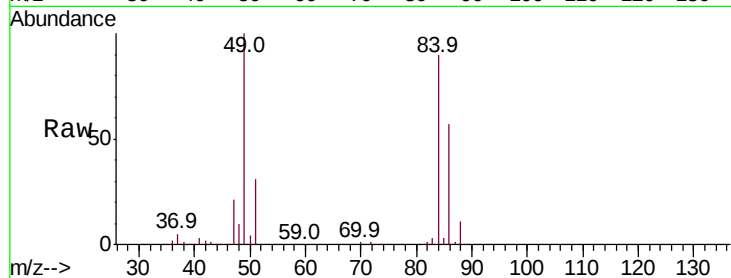




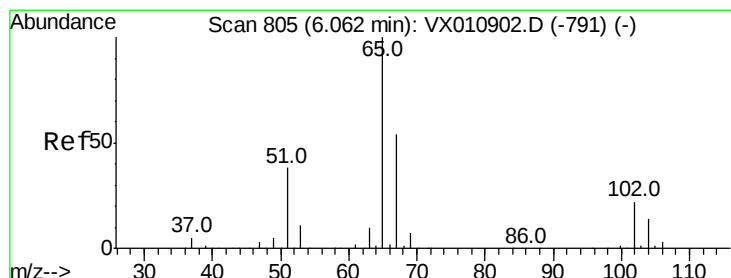
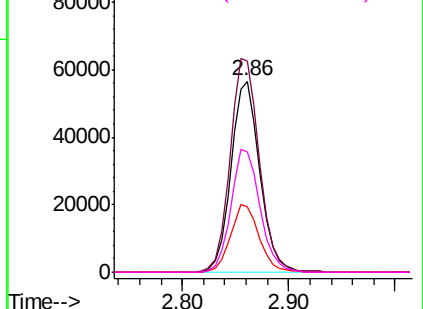
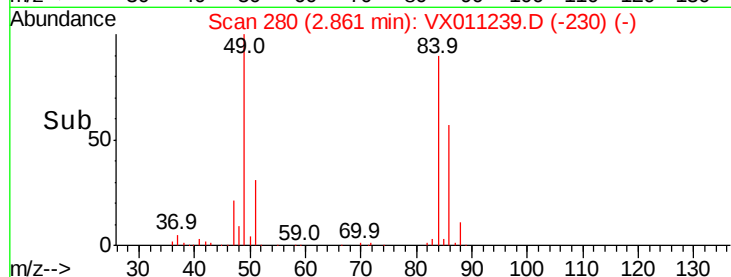
#20
Methylene Chloride
Concen: 44.973 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011239.D
Acq: 31 Jul 2019 09:15

Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tot Ion: 84 Resp: 107360
Ion Ratio Lower Upper
84 100
49 110.4 89.9 134.9
51 34.1 27.8 41.6
86 63.0 51.8 77.6

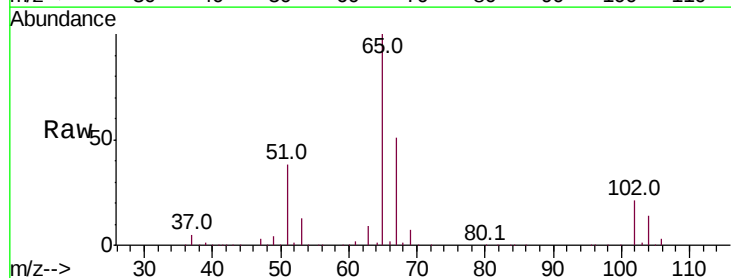


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

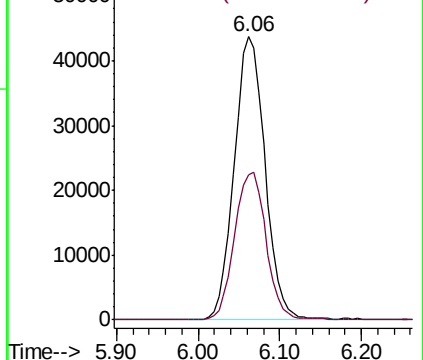
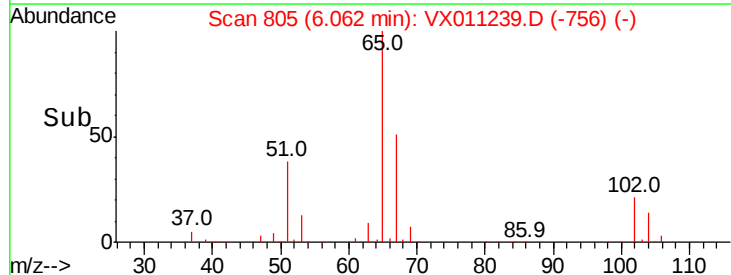


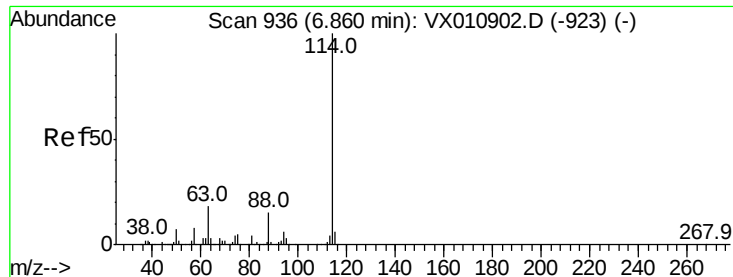
#33
1,2-Dichloroethane-d4
Concen: 45.872 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011239.D
Acq: 31 Jul 2019 09:15

Tgt Ion: 65 Resp: 114409
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8



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: VX011239.D

Acq: 31 Jul 2019 09:15

Instrument :

MSVOA_X

ClientSampleId :

TP-3

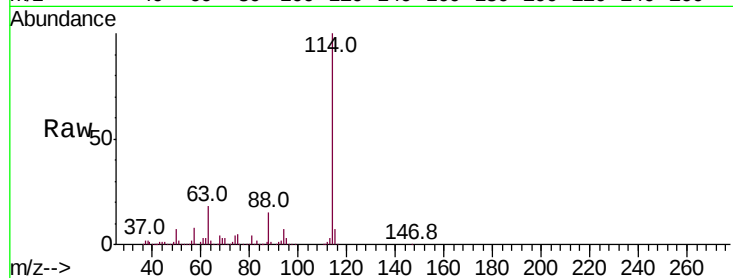
Tot Ion:114 Resp: 336360

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

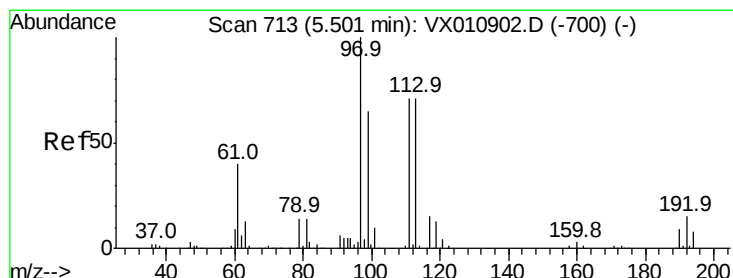
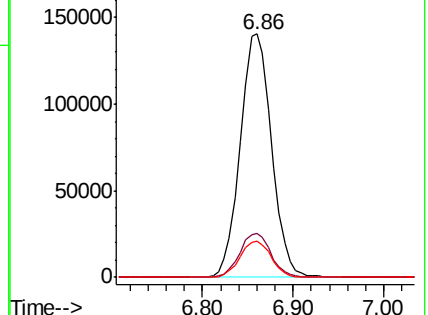
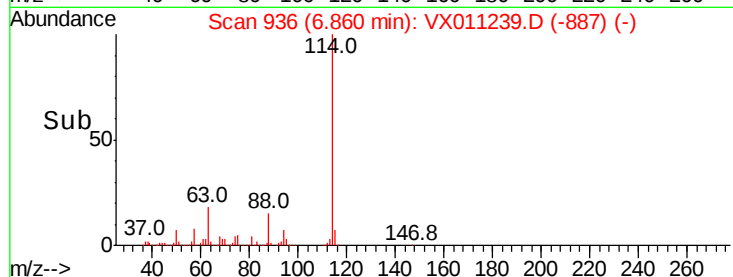
88 15.0 0.0 29.8



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: 47.593 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011239.D

Acq: 31 Jul 2019 09:15

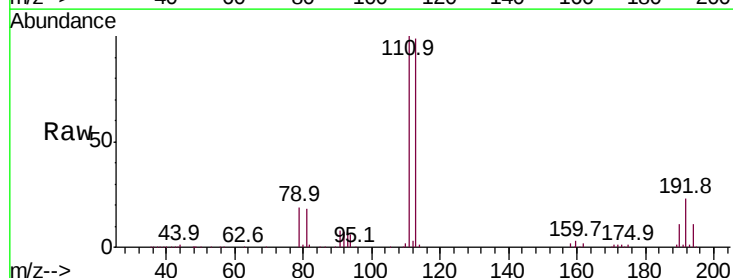
Tgt Ion:113 Resp: 101609

Ion Ratio Lower Upper

113 100

111 100.0 82.3 123.5

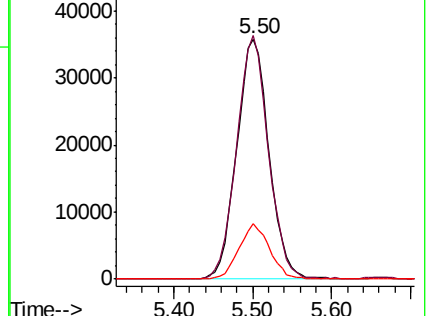
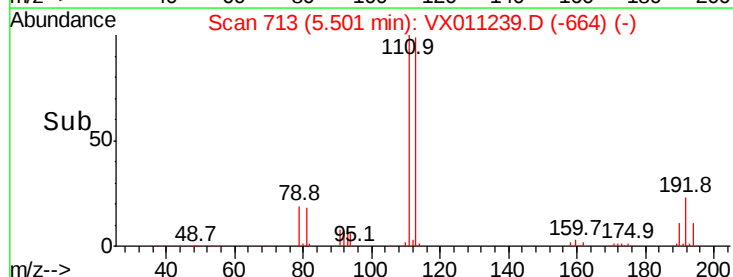
192 21.9 17.4 26.2

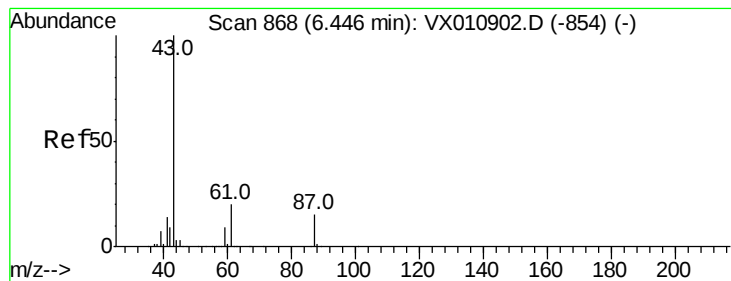


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.293 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011239.D

Acq: 31 Jul 2019 09:15

Instrument :

MSVOA_X

ClientSampled :

TP-3

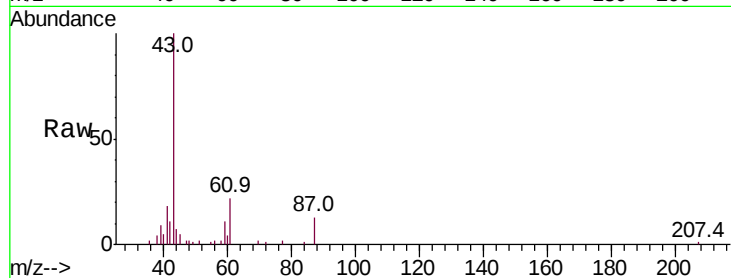
Tot Ion: 43 Resp: 10666

Ion Ratio Lower Upper

43 100

61 23.7 17.1 25.7

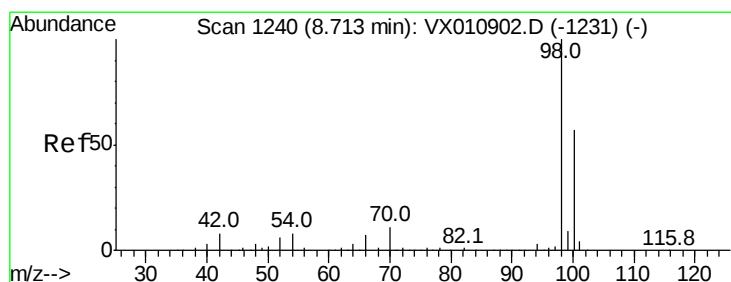
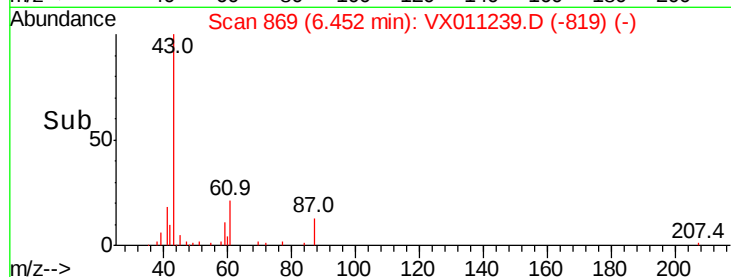
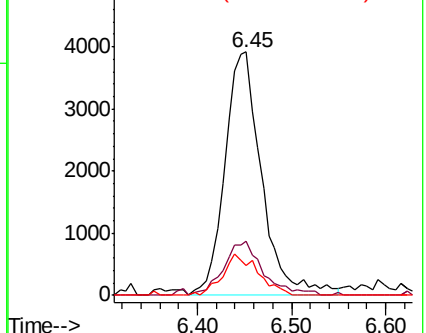
87 16.3 12.0 18.0



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: 49.709 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011239.D

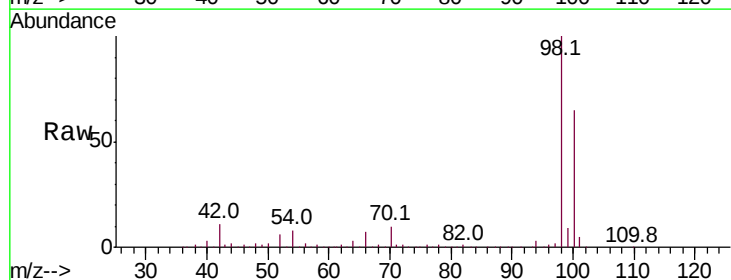
Acq: 31 Jul 2019 09:15

Tgt Ion: 98 Resp: 398042

Ion Ratio Lower Upper

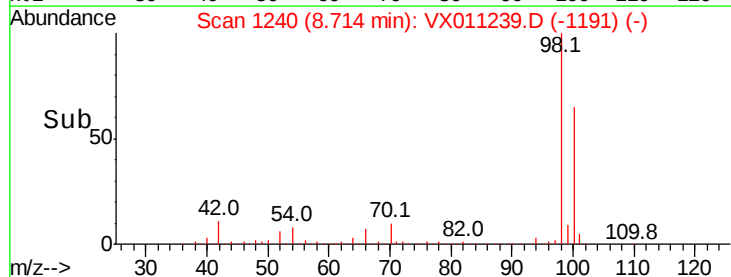
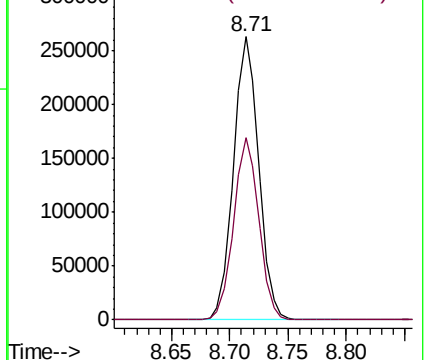
98 100

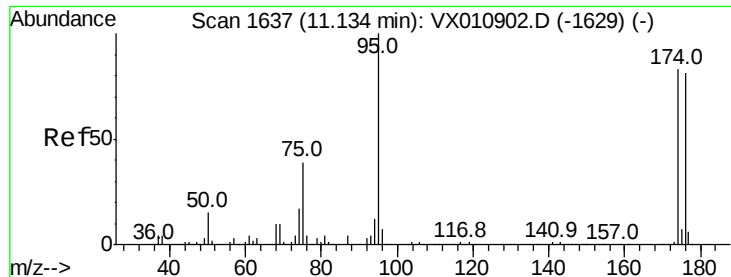
100 64.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.636 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011239.D

Acq: 31 Jul 2019 09:15

Instrument :

MSVOA_X

ClientSampled :

TP-3

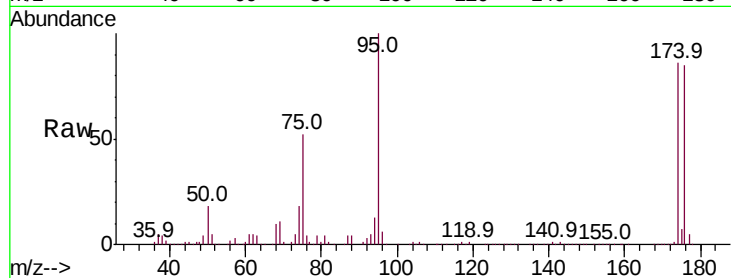
Tot Ion: 95 Resp: 131376

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.6

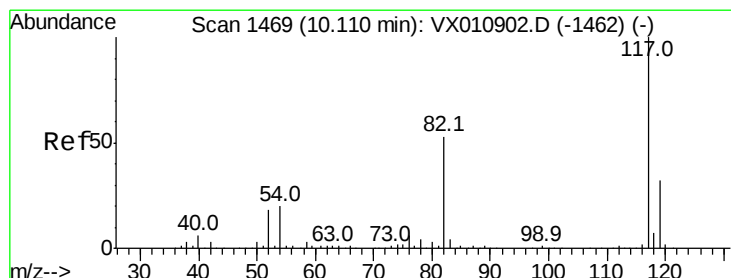
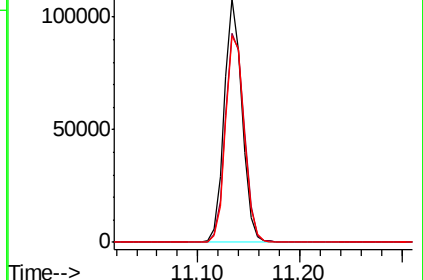
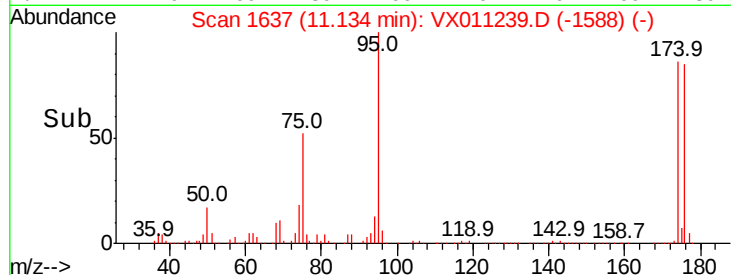
176 88.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011239.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011239.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011239.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011239.D

Acq: 31 Jul 2019 09:15

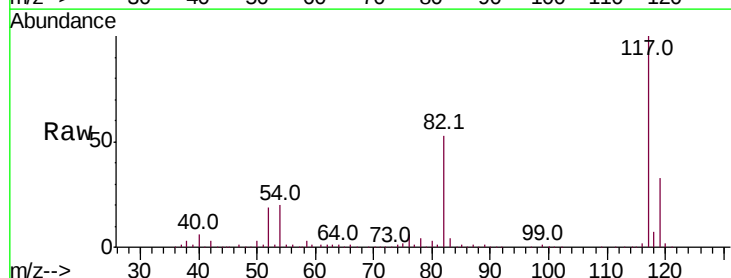
Tgt Ion: 117 Resp: 305031

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

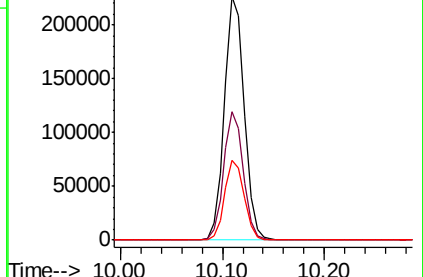
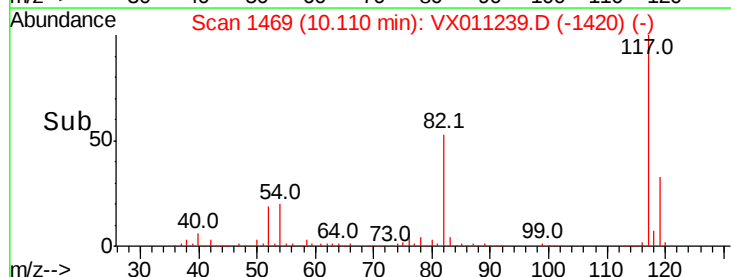
119 32.6 25.9 38.9

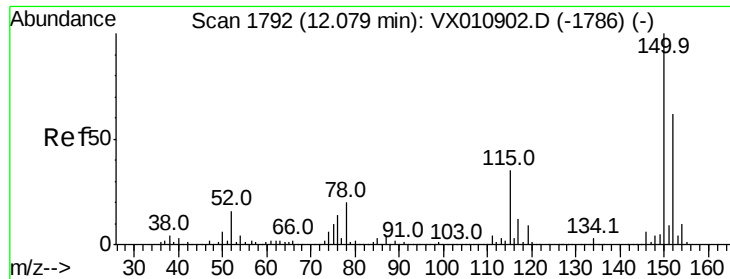


Abundance Ion 116.90 (116.60 to 117.60): VX011239.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011239.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011239.D (-1420) (-)



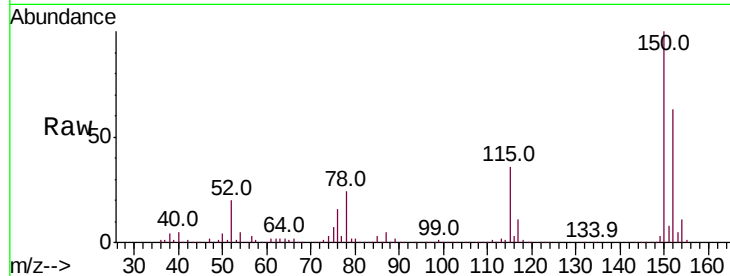


#72

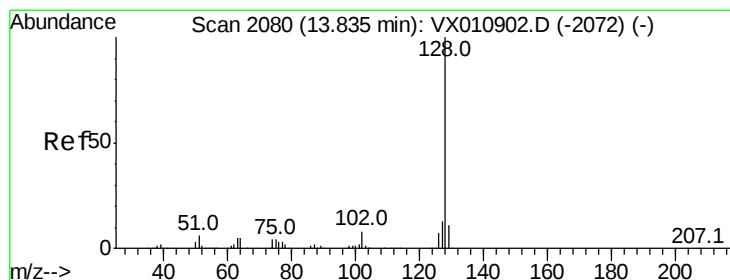
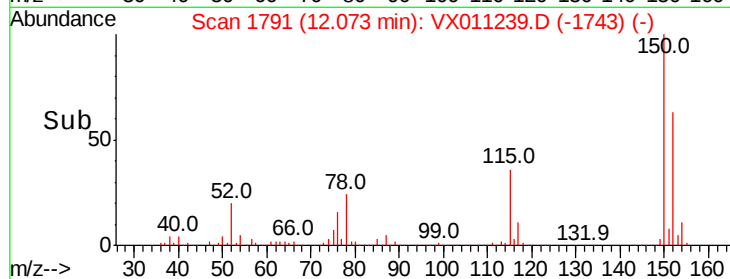
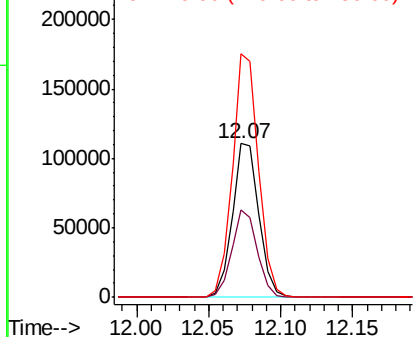
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011239.D
Acq: 31 Jul 2019 09:15

Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tot Ion:152 Resp: 142059
Ion Ratio Lower Upper
152 100
115 54.8 39.7 119.1
150 156.0 0.0 345.6



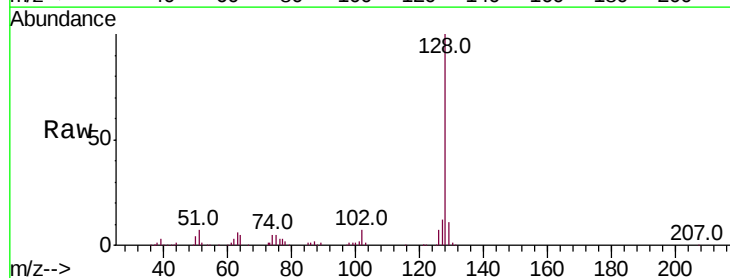
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 5.267 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011239.D
Acq: 31 Jul 2019 09:15

Tgt Ion:128 Resp: 47996
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 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

