

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009101.D
 Acq On : 22 Apr 2019 16:45
 Operator : JC/SP
 Sample : K2515-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16

Quant Time: Apr 23 04:10:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

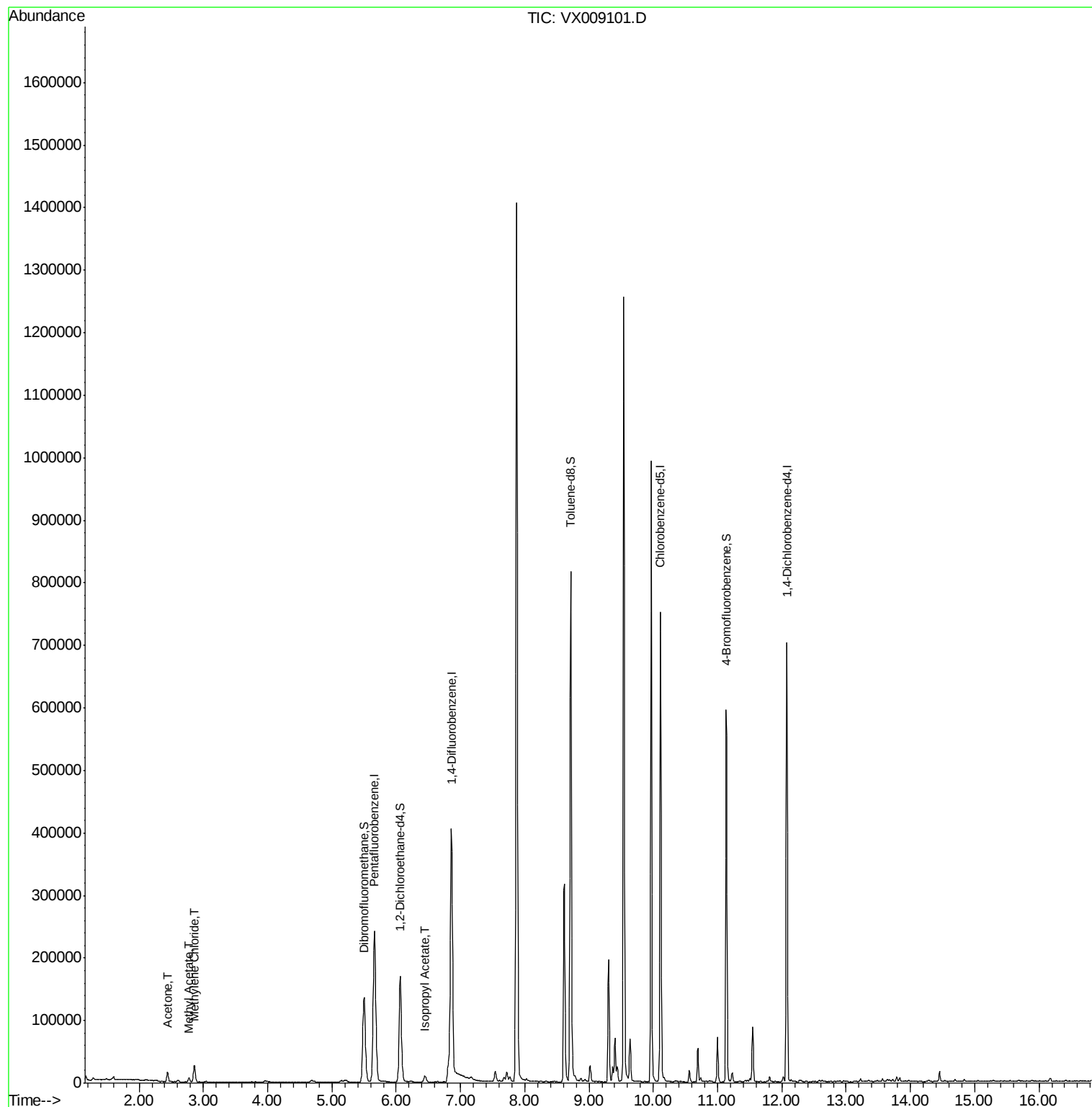
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	158628	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
35) Dibromofluoromethane	5.50	113	117409	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	8.71	98	483042	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	158908	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
16) Acetone	2.44	43	16414	9.485	ug/l	99
18) Methyl Acetate	2.78	43	8570	1.984	ug/l	98
20) Methylene Chloride	2.86	84	11971	4.045	ug/l	95
43) Isopropyl Acetate	6.45	43	15602	1.873	ug/l	99

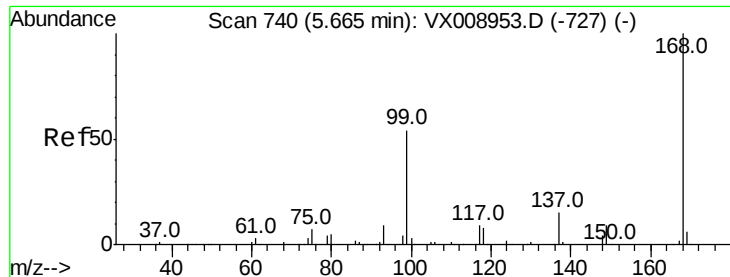
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009101.D

Acq: 22 Apr 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

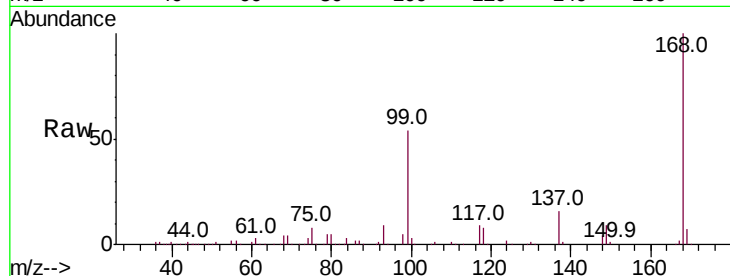
TP-16

Tot Ion:168 Resp: 236794

Ion Ratio Lower Upper

168 100

99 53.7 43.0 64.6

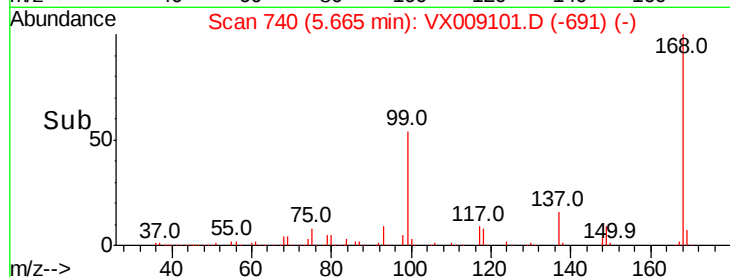


Abundance Ion 167.90 (167.60 to 168.60): VX008953.D (-727) (-)

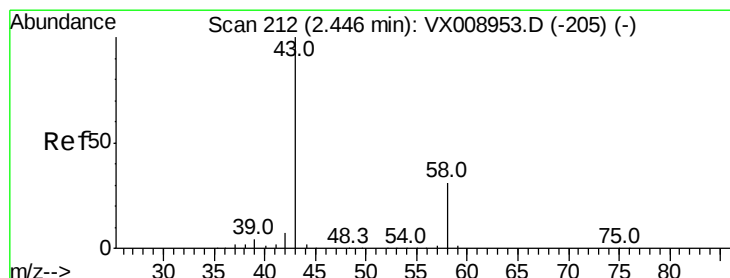
Ion 98.90 (98.60 to 99.60): VX008953.D (-727) (-)

5.67

Time-->



Time-->



#16

Acetone

Concen: 9.485 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009101.D

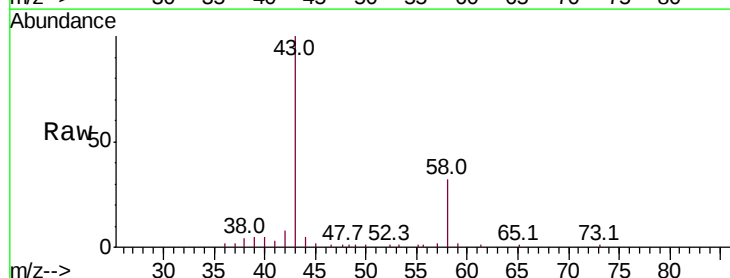
Acq: 22 Apr 2019 16:45

Tgt Ion: 43 Resp: 16414

Ion Ratio Lower Upper

43 100

58 31.8 24.8 37.2

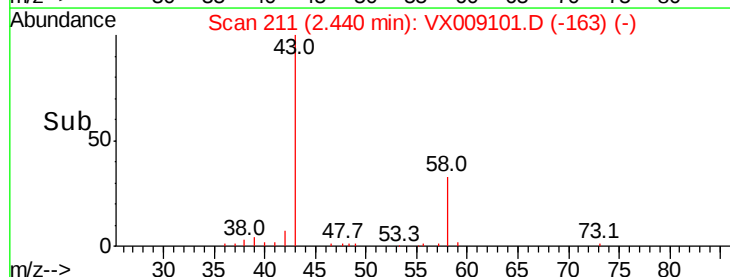


Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-205) (-)

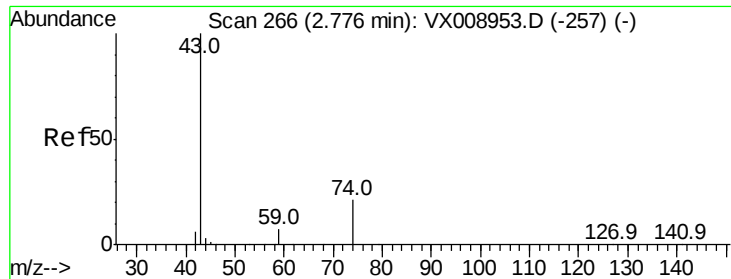
Ion 58.00 (57.70 to 58.70): VX008953.D (-205) (-)

2.44

Time-->



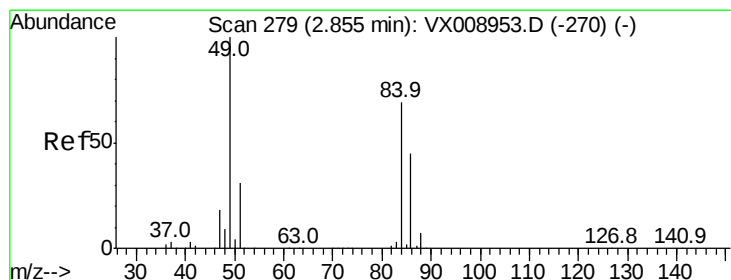
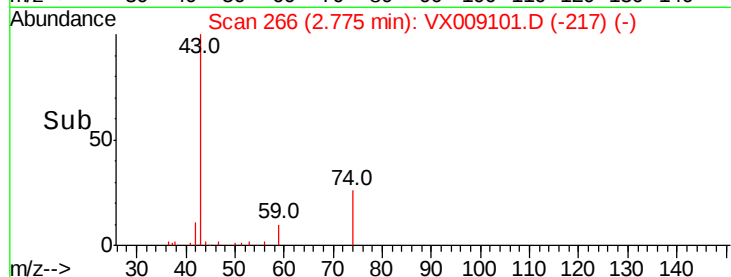
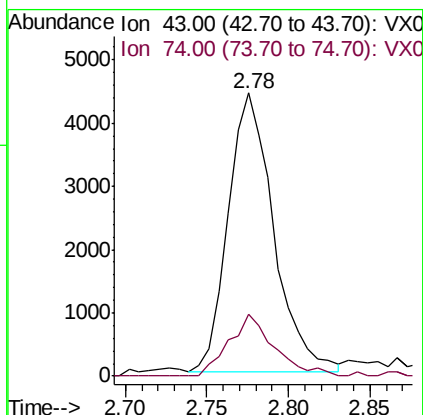
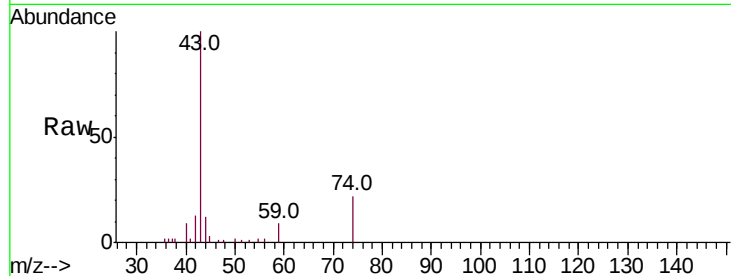
Time-->



#18
Methvl Acetate
Concen: 1.984 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009101.D
Acq: 22 Apr 2019 16:45

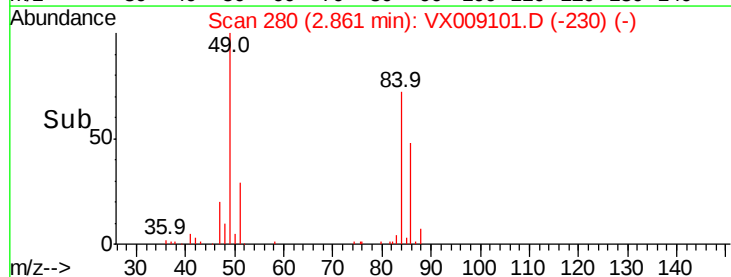
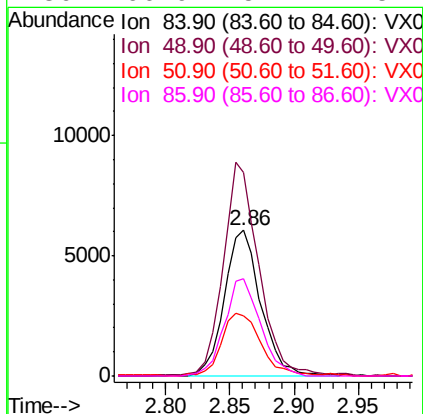
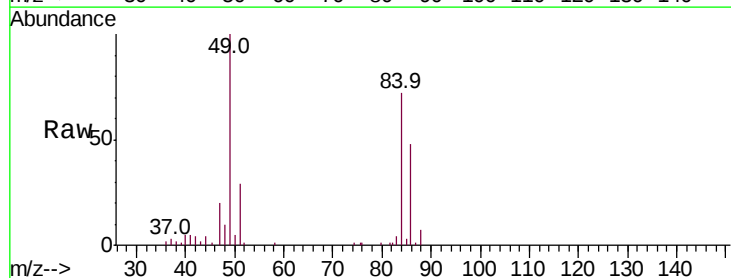
Instrument :
MSVOA_X
ClientSampled :
TP-16

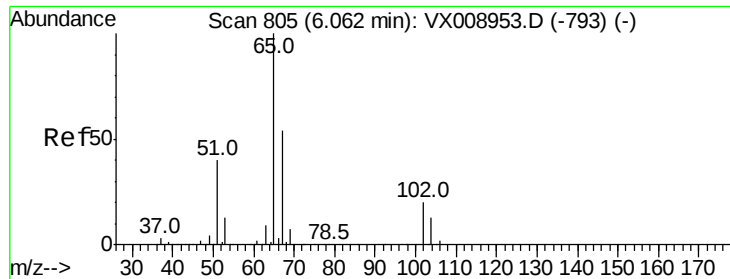
Tot Ion: 43 Resp: 8570
Ion Ratio Lower Upper
43 100
74 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 4.045 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009101.D
Acq: 22 Apr 2019 16:45

Tgt Ion: 84 Resp: 11971
Ion Ratio Lower Upper
84 100
49 138.2 115.4 173.0
51 40.0 35.8 53.6
86 66.9 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 47.535 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009101.D

Acq: 22 Apr 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

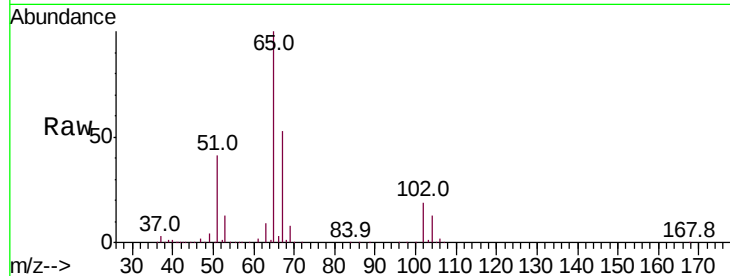
TP-16

Tot Ion: 65 Resp: 158628

Ion Ratio Lower Upper

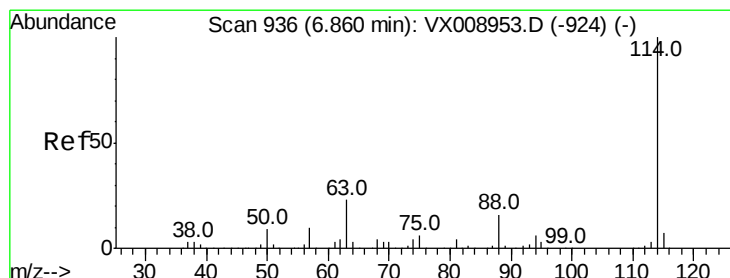
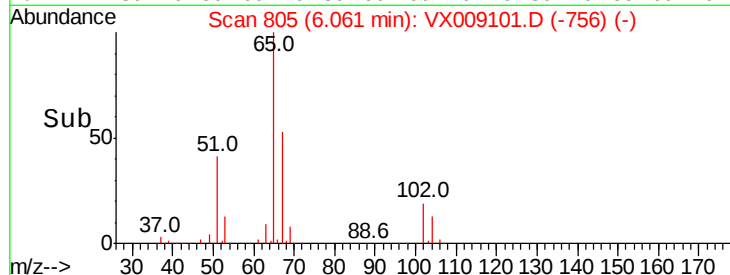
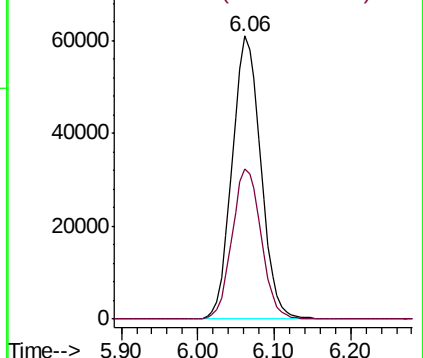
65 100

67 53.8 0.0 108.6



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: VX009101.D

Acq: 22 Apr 2019 16:45

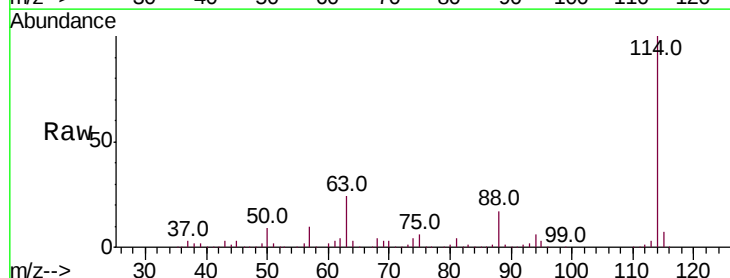
Tgt Ion:114 Resp: 388385

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.0

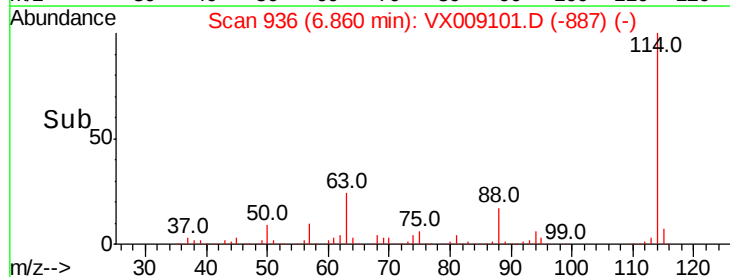
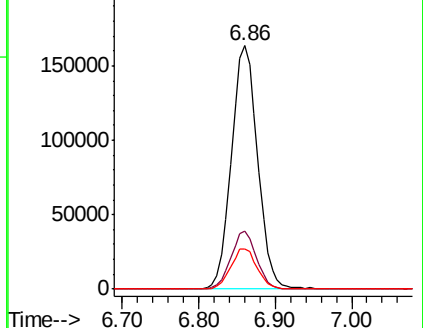
88 16.6 0.0 32.6

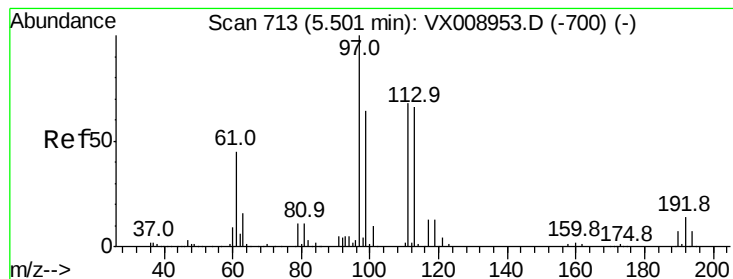


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.104 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009101.D

Acq: 22 Apr 2019 16:45

Instrument :

MSVOA_X

ClientSampled :

TP-16

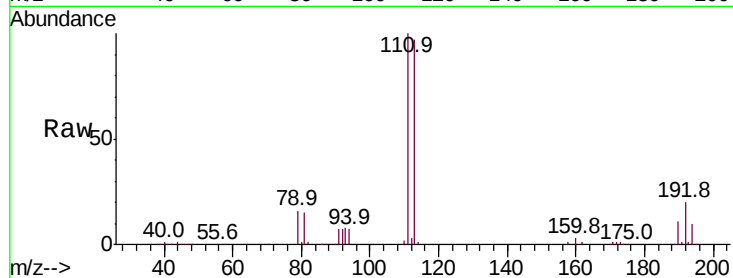
Tot Ion:113 Resp: 117409

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

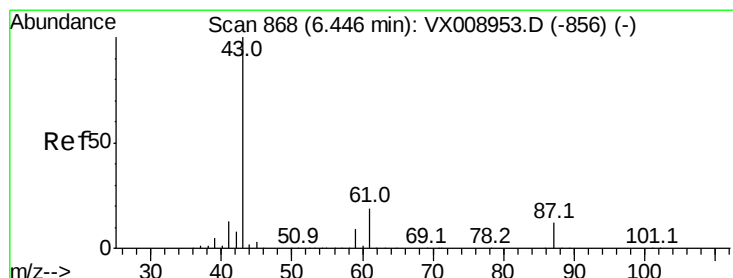
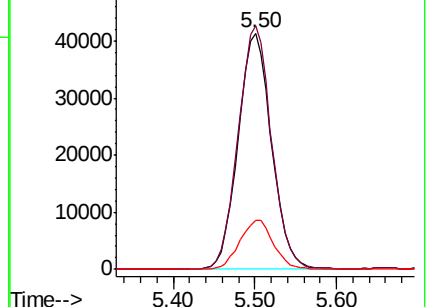
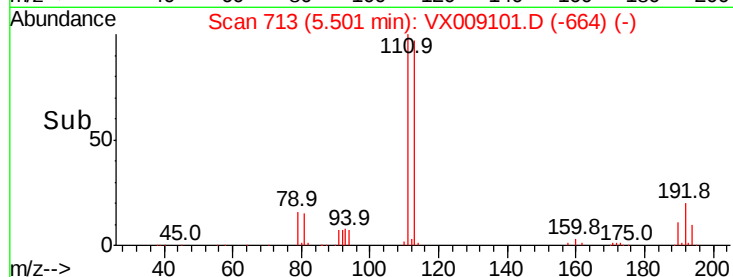
192 21.1 17.4 26.0



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: 1.873 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009101.D

Acq: 22 Apr 2019 16:45

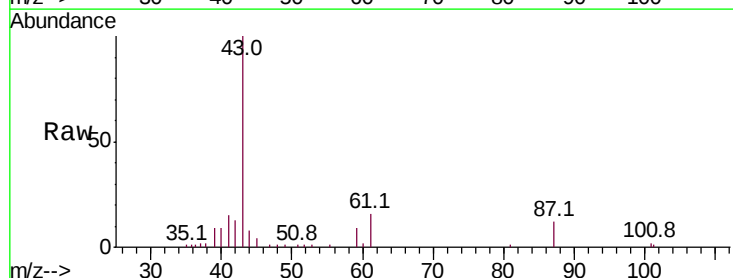
Tgt Ion: 43 Resp: 15602

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0

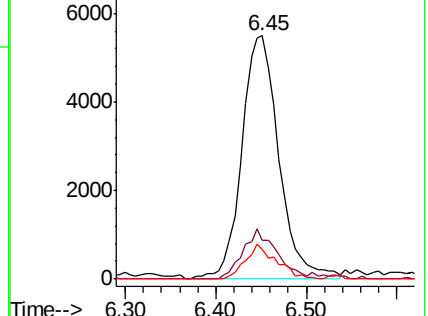
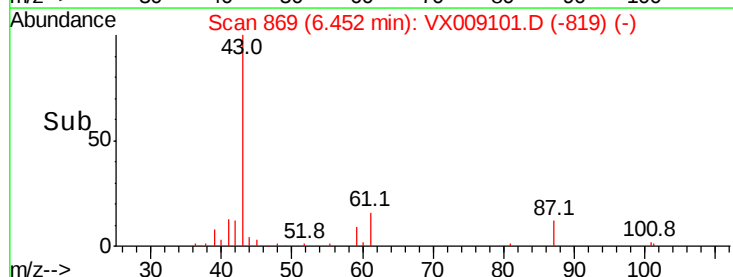
87 12.0 9.0 13.4

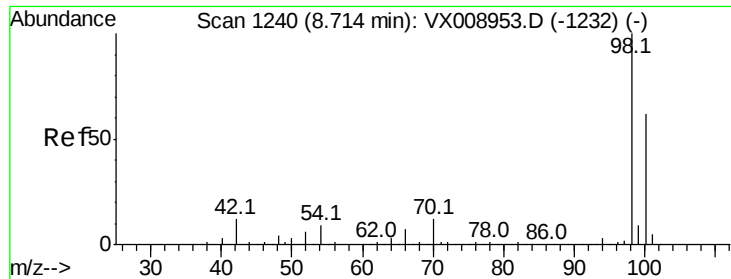


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

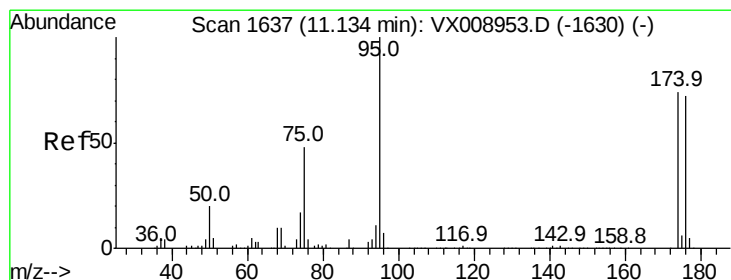
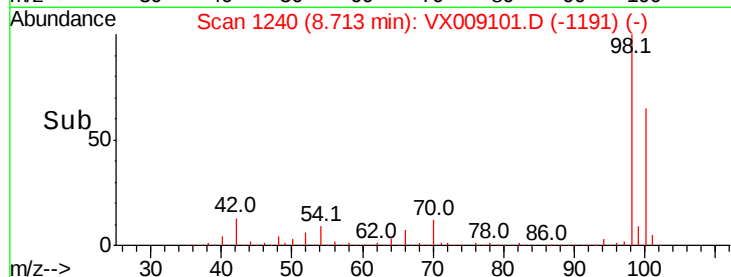
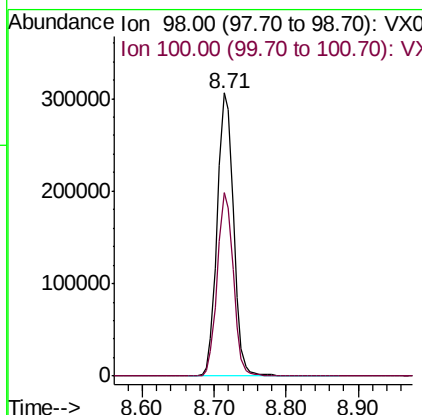
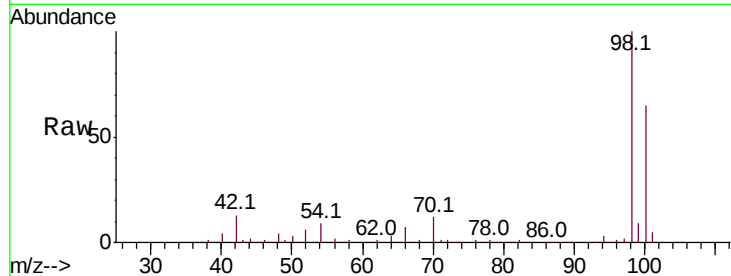




#50
Toluene-d8
Concen: 48.593 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009101.D
Acq: 22 Apr 2019 16:45

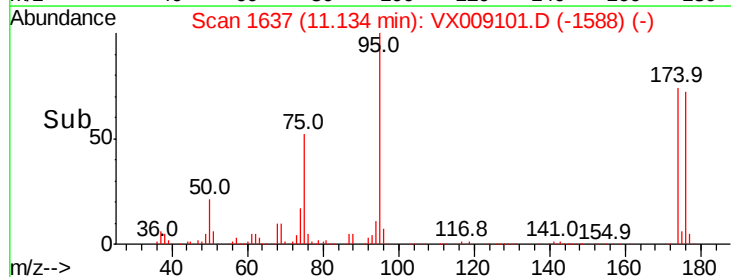
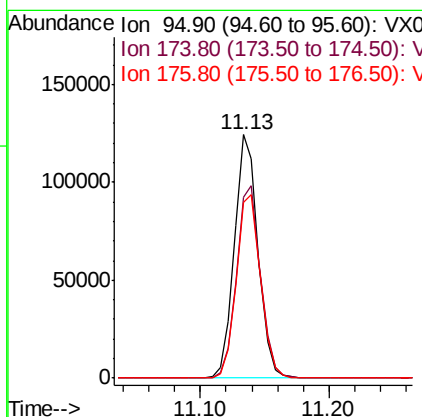
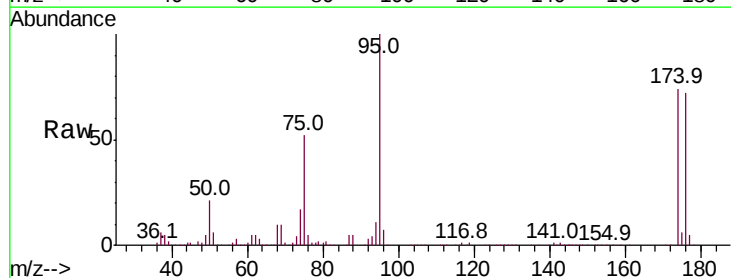
Instrument :
MSVOA_X
ClientSampleId :
TP-16

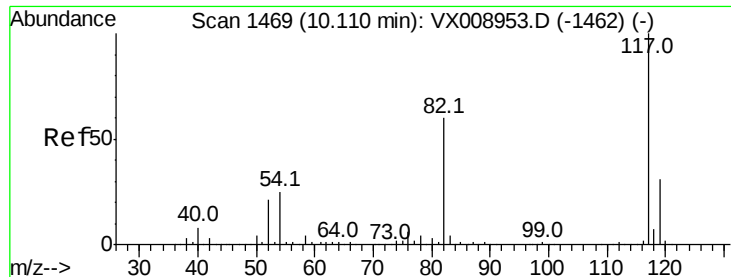
Tot Ion: 98 Resp: 483042
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.286 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009101.D
Acq: 22 Apr 2019 16:45

Tgt Ion: 95 Resp: 158908
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.6
176 77.3 0.0 154.8

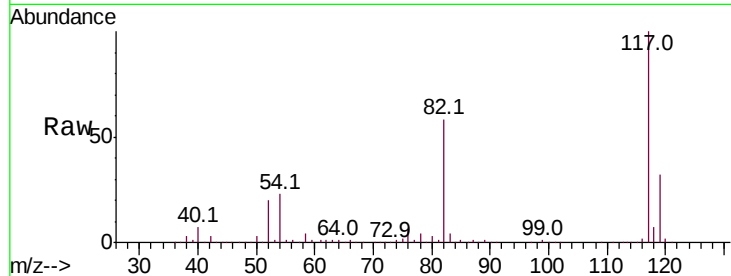




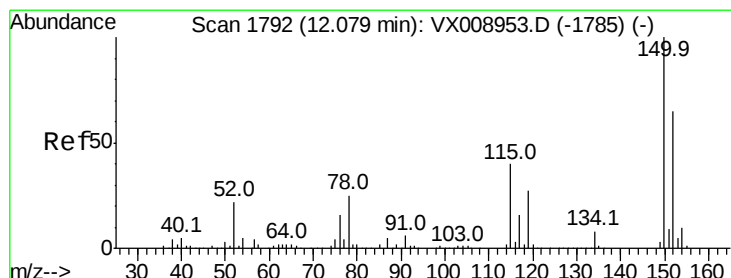
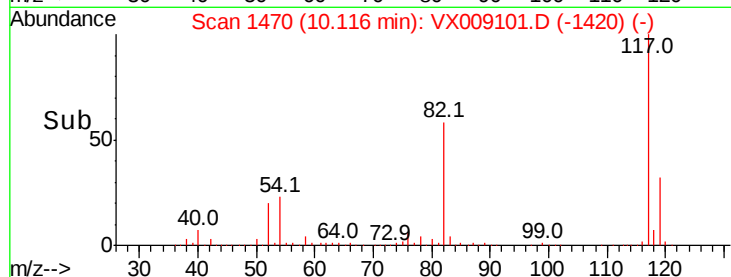
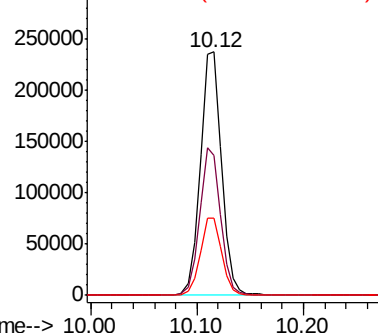
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009101.D
Acq: 22 Apr 2019 16:45

Instrument :
MSVOA_X
ClientSampleId :
TP-16

Tot Ion:117 Resp: 332259
Ion Ratio Lower Upper
117 100
82 57.5 48.2 72.4
119 31.8 25.0 37.6

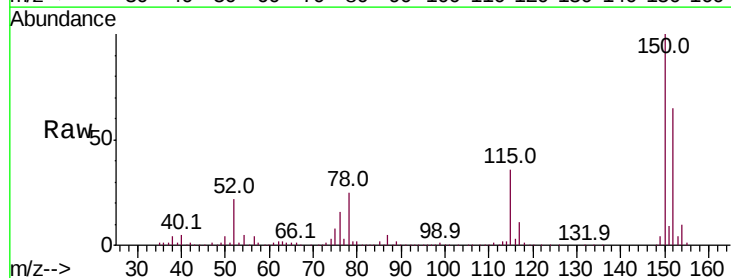


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009101.D
Acq: 22 Apr 2019 16:45

Tgt Ion:152 Resp: 143716
Ion Ratio Lower Upper
152 100
115 58.3 41.4 124.2
150 153.7 0.0 349.8



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

