

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX009001.D
 Acq On : 16 Apr 2019 20:30
 Operator : JC/SP
 Sample : K2411-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16-S

Quant Time: Apr 17 06:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

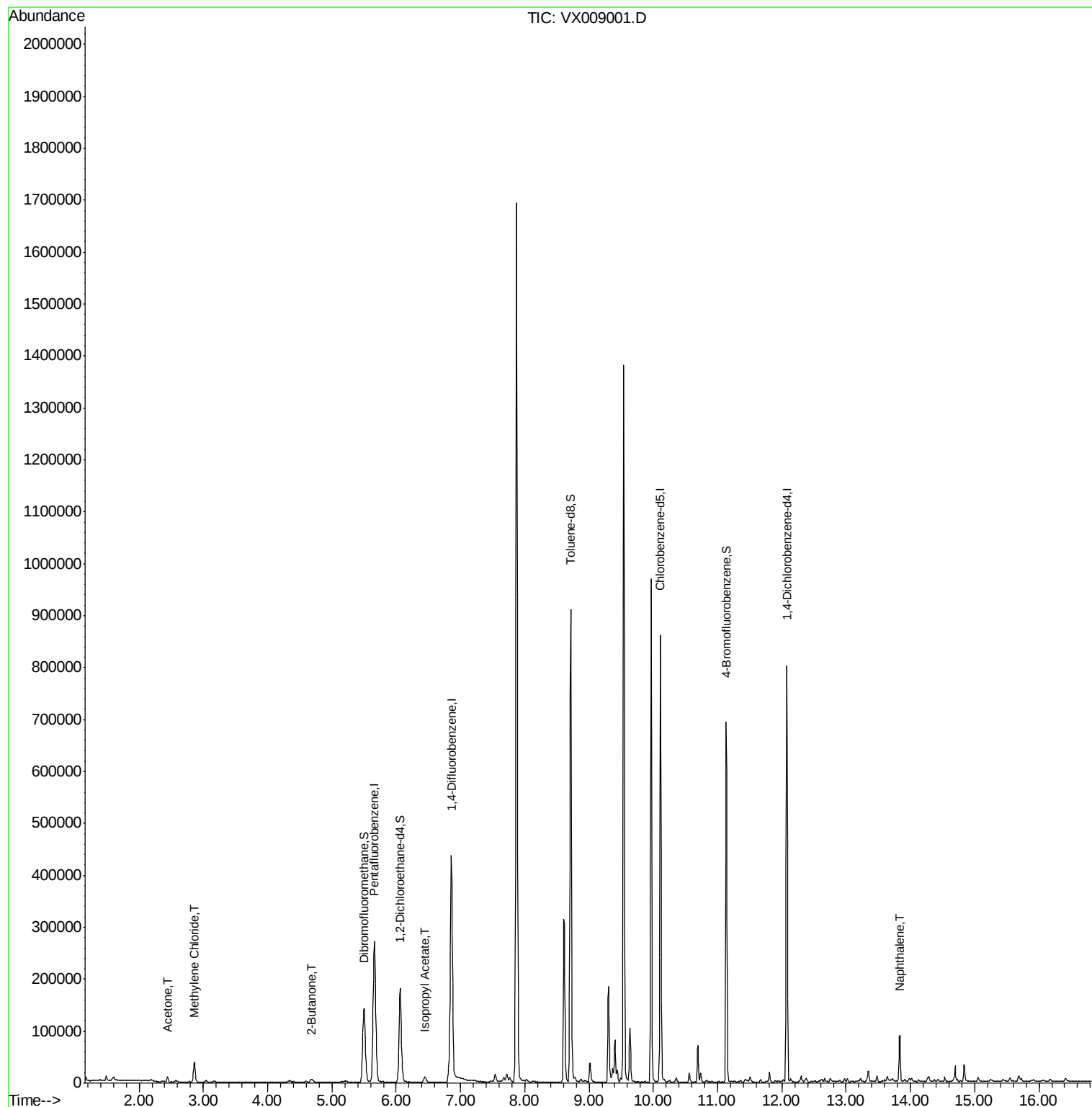
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	265139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	170198	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	5.50	113	125313	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	8.71	98	527691	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	180654	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
Target Compounds						
16) Acetone	2.44	43	11622	5.998	ug/l	97
20) Methylene Chloride	2.85	84	17512	5.285	ug/l	91
25) 2-Butanone	4.68	43	11235	3.627	ug/l	91
43) Isopropyl Acetate	6.45	43	16238	1.823	ug/l	100
95) Naphthalene	13.83	128	54334	4.391	ug/l	99

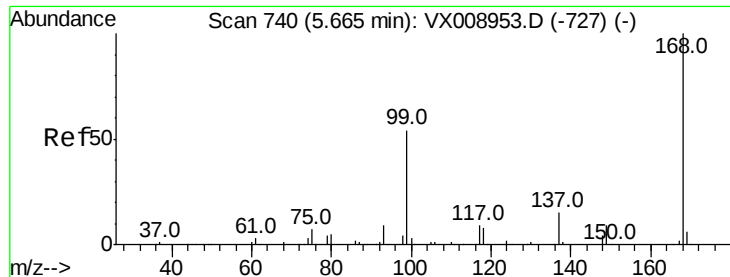
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

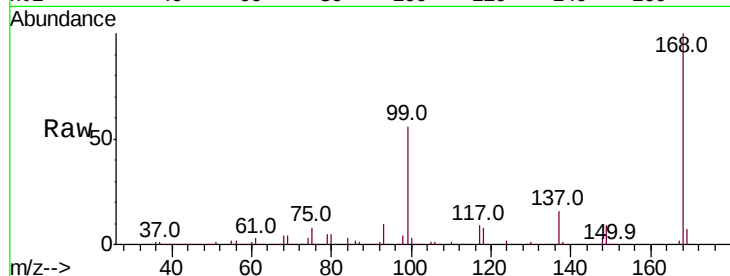
TP-16-S

Tot Ion:168 Resp: 265139

Ion Ratio Lower Upper

168 100

99 55.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

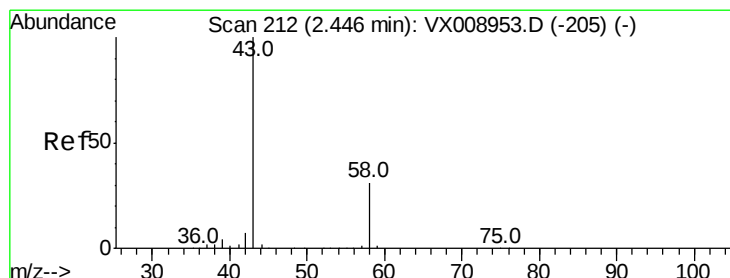
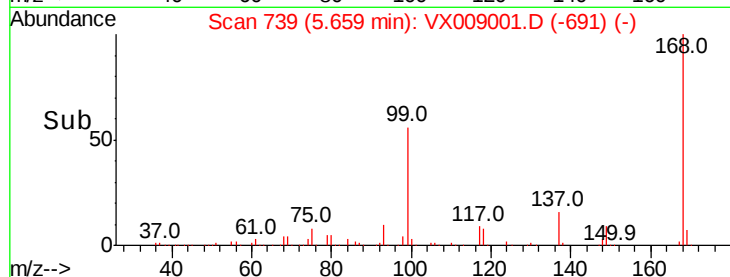
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 5.998 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009001.D

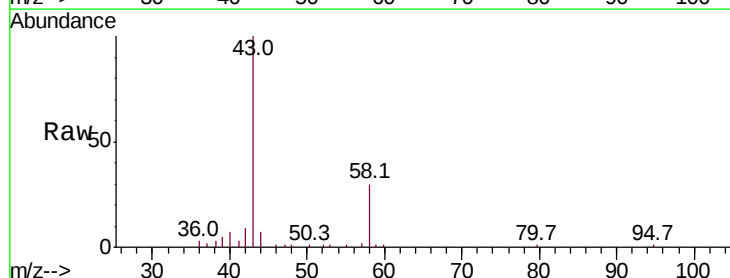
Acq: 16 Apr 2019 20:30

Tgt Ion: 43 Resp: 11622

Ion Ratio Lower Upper

43 100

58 29.5 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

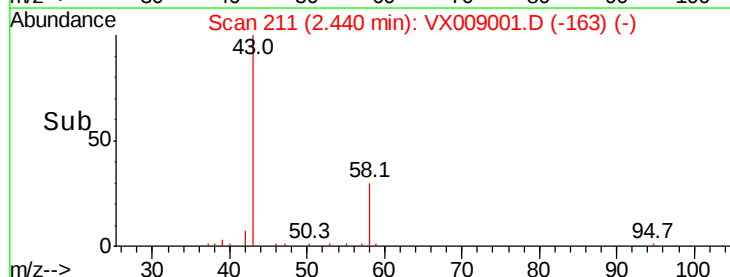
4000

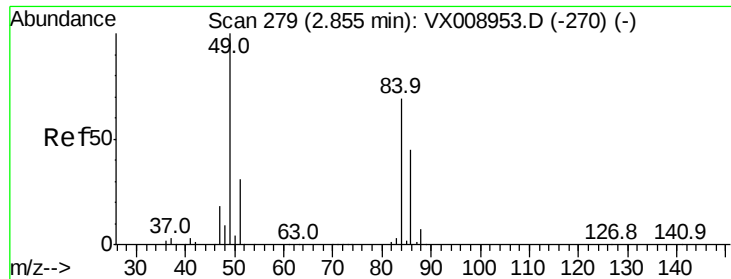
2000

0

Time-->

2.30 2.40 2.50



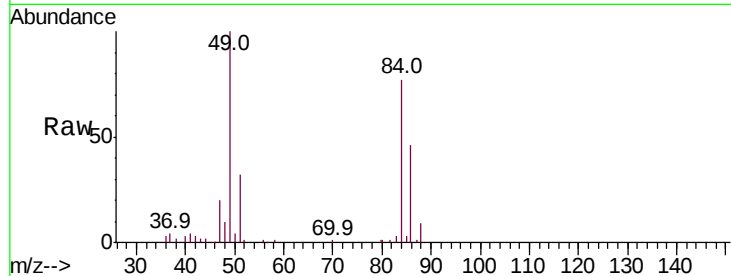


#20
Methvlene Chloride
Concen: 5.285 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

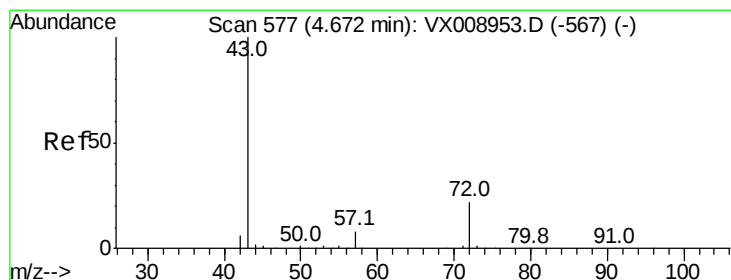
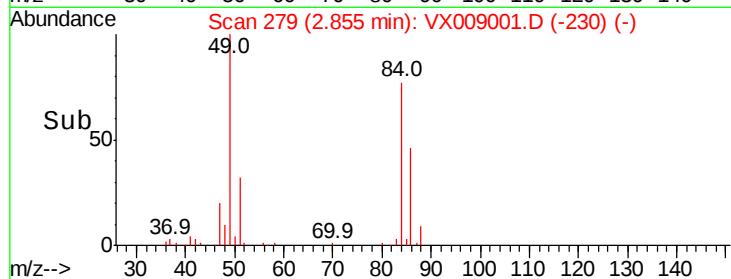
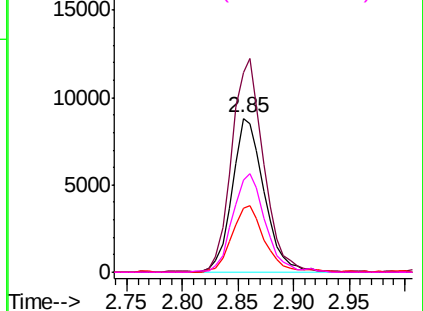
Instrument :
MSVOA_X
ClientSampleId :
TP-16-S

Tot Ion: 84 Resp: 17512

Ion	Ratio	Lower	Upper
84	100		
49	129.5	115.4	173.0
51	41.5	35.8	53.6
86	59.8	52.1	78.1



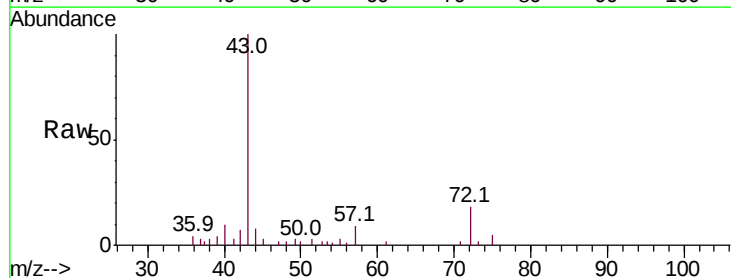
Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0



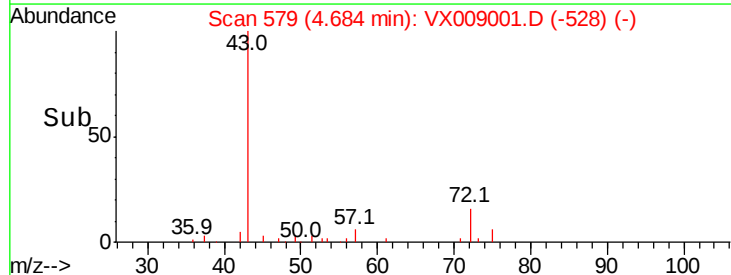
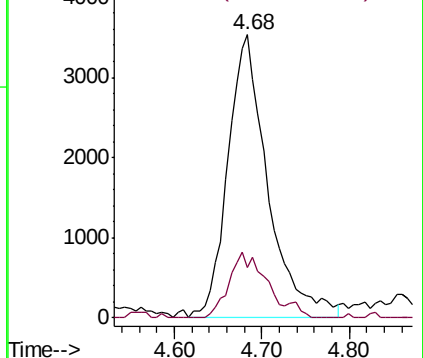
#25
2-Butanone
Concen: 3.627 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

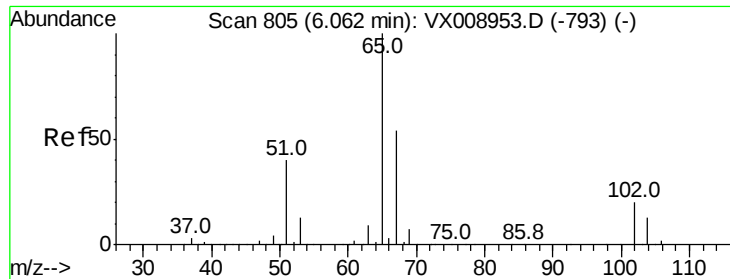
Tgt Ion: 43 Resp: 11235

Ion	Ratio	Lower	Upper
43	100		
72	17.8	17.5	26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.549 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

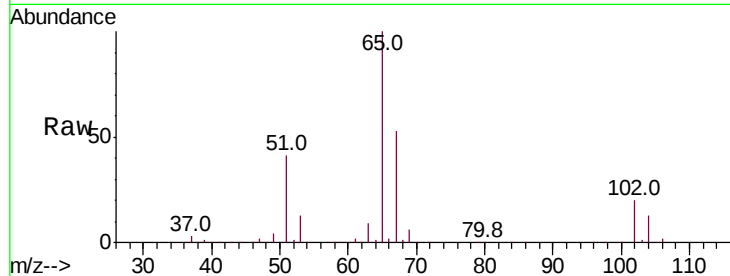
TP-16-S

Tot Ion: 65 Resp: 170198

Ion Ratio Lower Upper

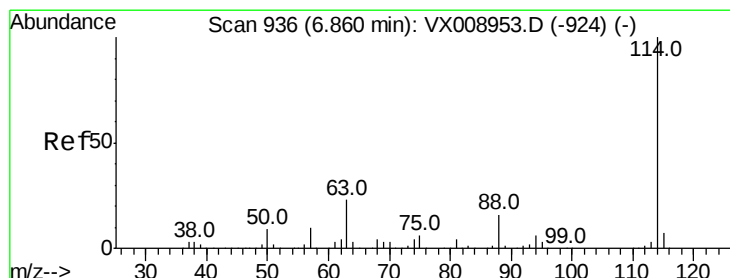
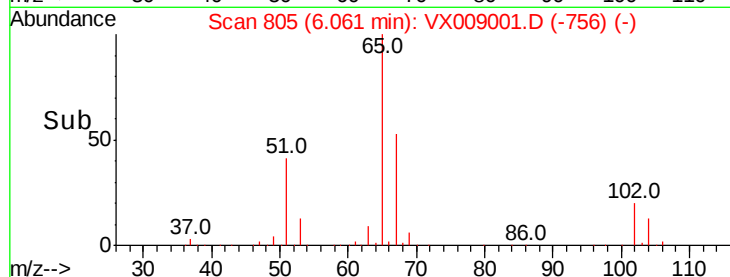
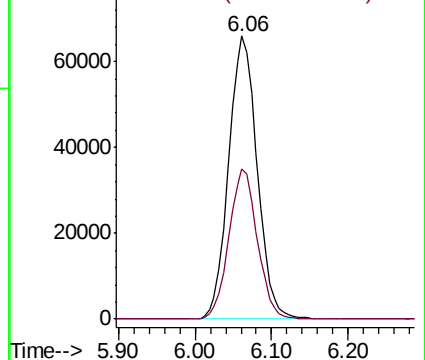
65 100

67 52.7 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: VX009001.D

Acq: 16 Apr 2019 20:30

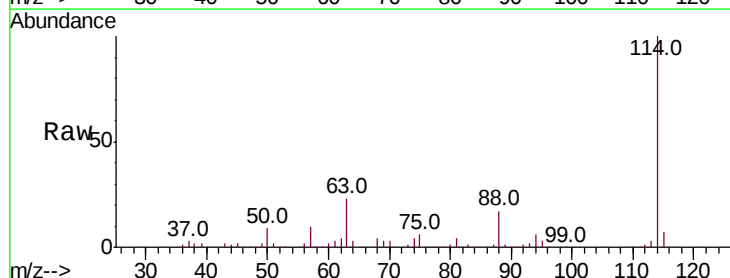
Tgt Ion: 114 Resp: 415442

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.0

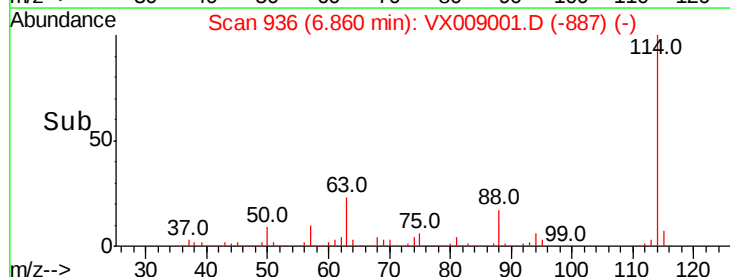
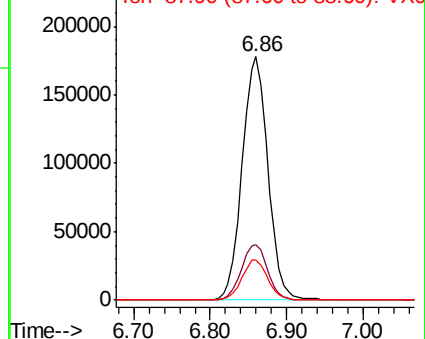
88 16.6 0.0 32.6

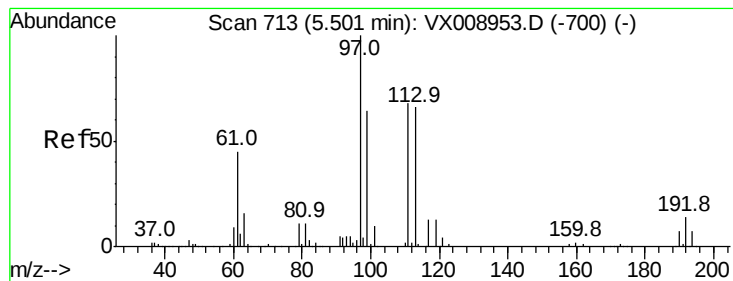


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.000 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

TP-16-S

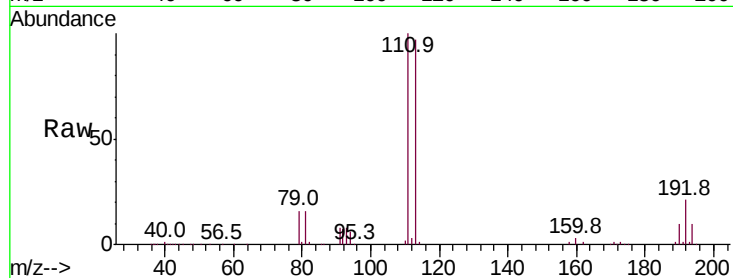
Tot Ion:113 Resp: 125313

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

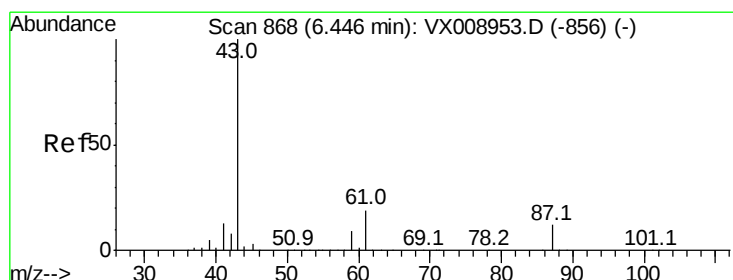
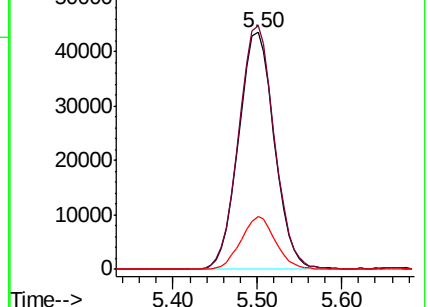
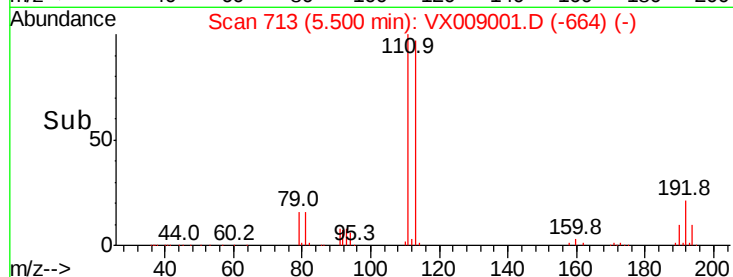
192 21.4 17.4 26.0



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: 1.823 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

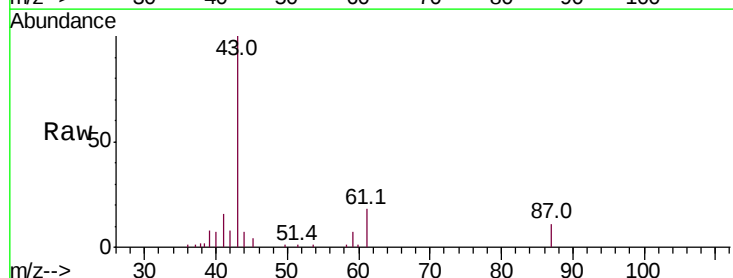
Tgt Ion: 43 Resp: 16238

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.0

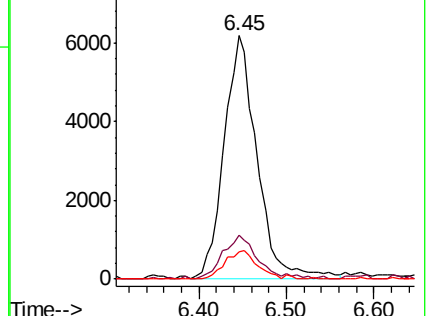
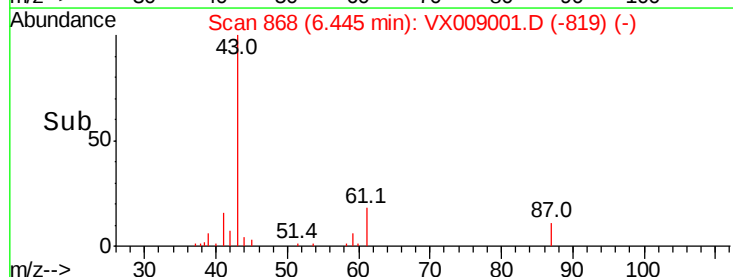
87 11.3 9.0 13.4

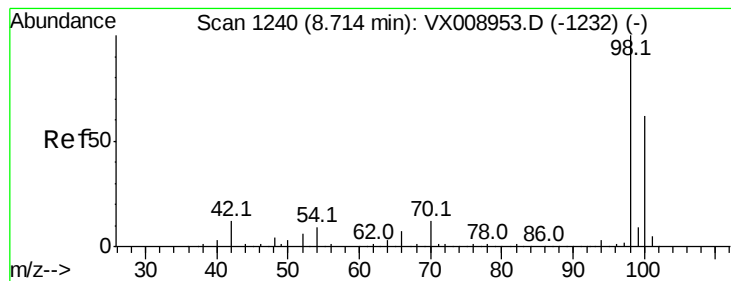


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.628 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

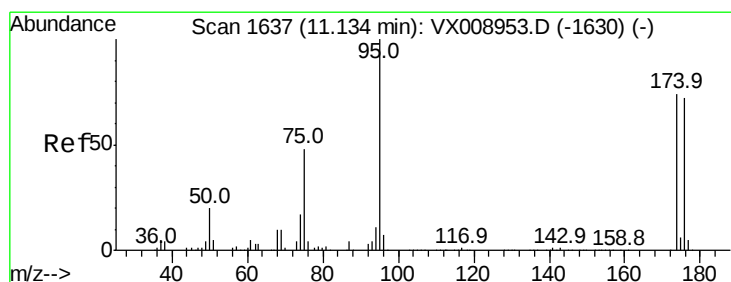
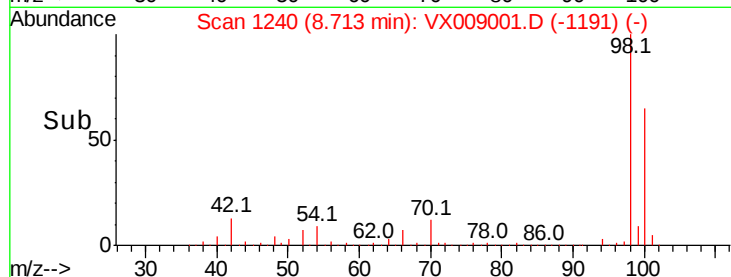
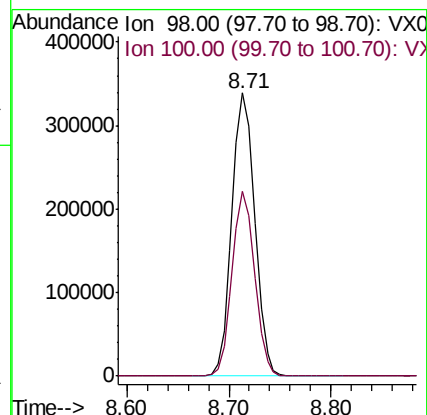
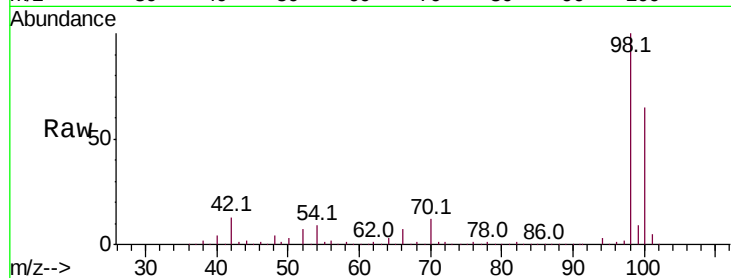
TP-16-S

Tot Ion: 98 Resp: 527691

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 48.130 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

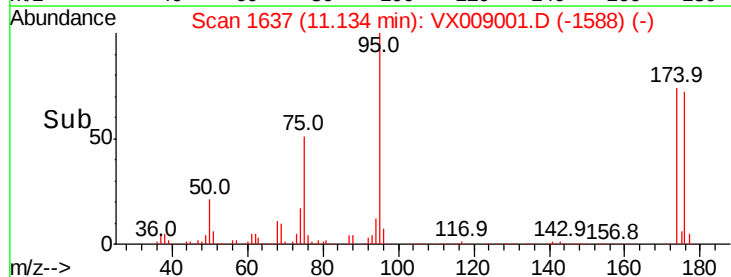
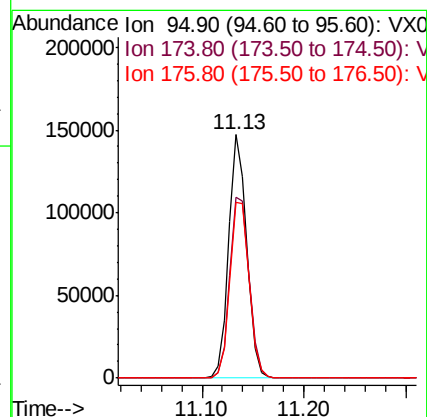
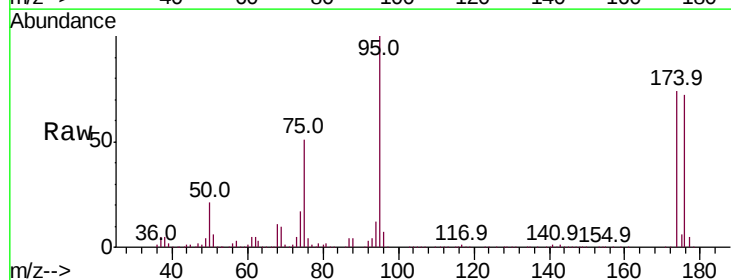
Tgt Ion: 95 Resp: 180654

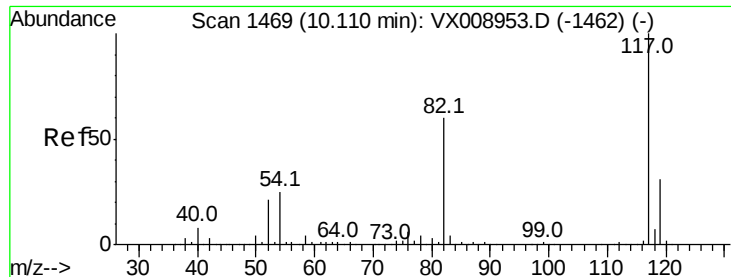
Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

176 76.9 0.0 154.8

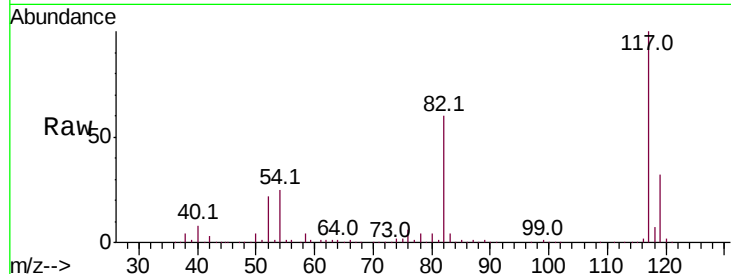




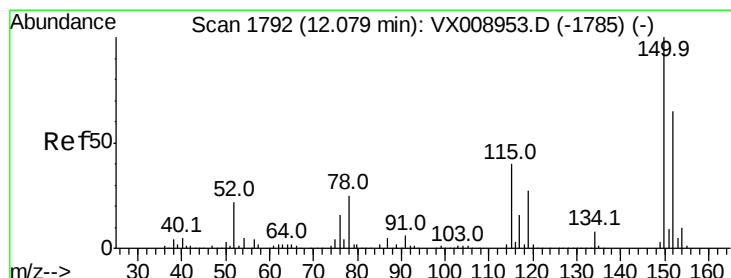
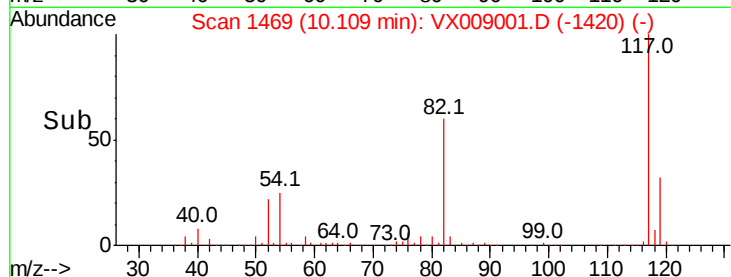
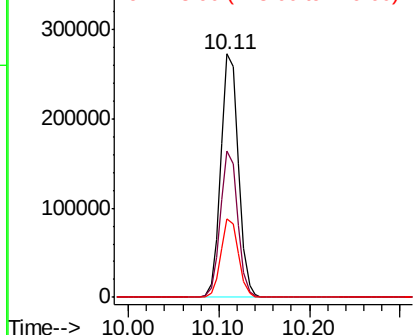
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
TP-16-S

Tot Ion:117 Resp: 371302
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.4
119 32.4 25.0 37.6

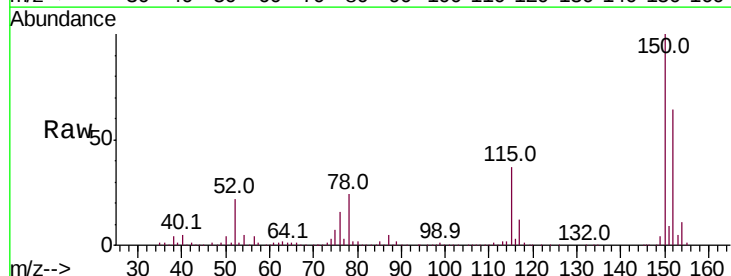


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

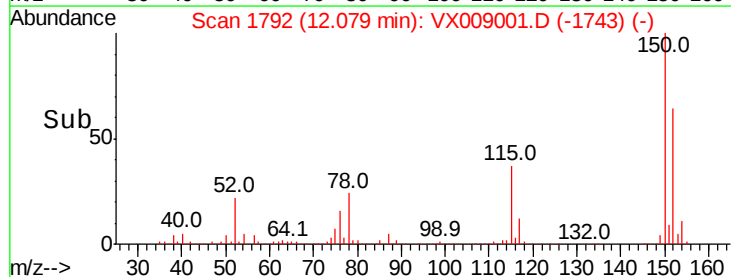
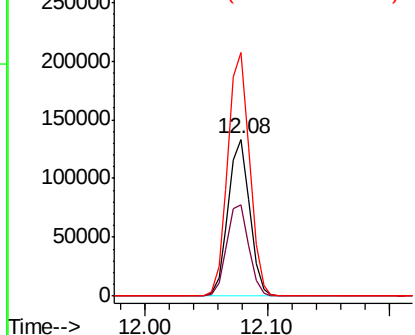


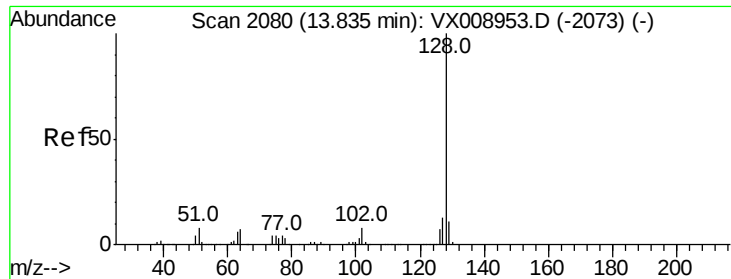
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Tgt Ion:152 Resp: 161883
Ion Ratio Lower Upper
152 100
115 59.9 41.4 124.2
150 157.6 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

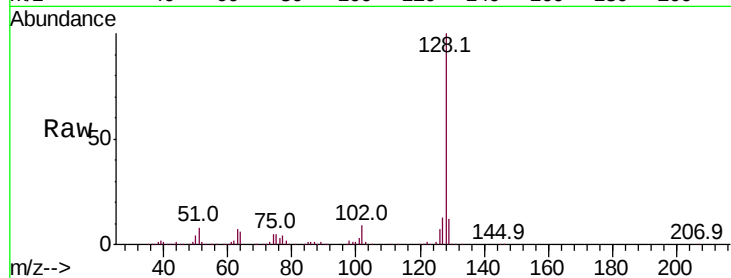




#95
Naphthalene
Concen: 4.391 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
TP-16-S

Tot Ion:128 Resp: 54334
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.5 8.6 13.0



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

