

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009947.D
 Acq On : 29 May 2019 18:00
 Operator : JC/SP
 Sample : K3074-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3B-S

Quant Time: May 30 03:13:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

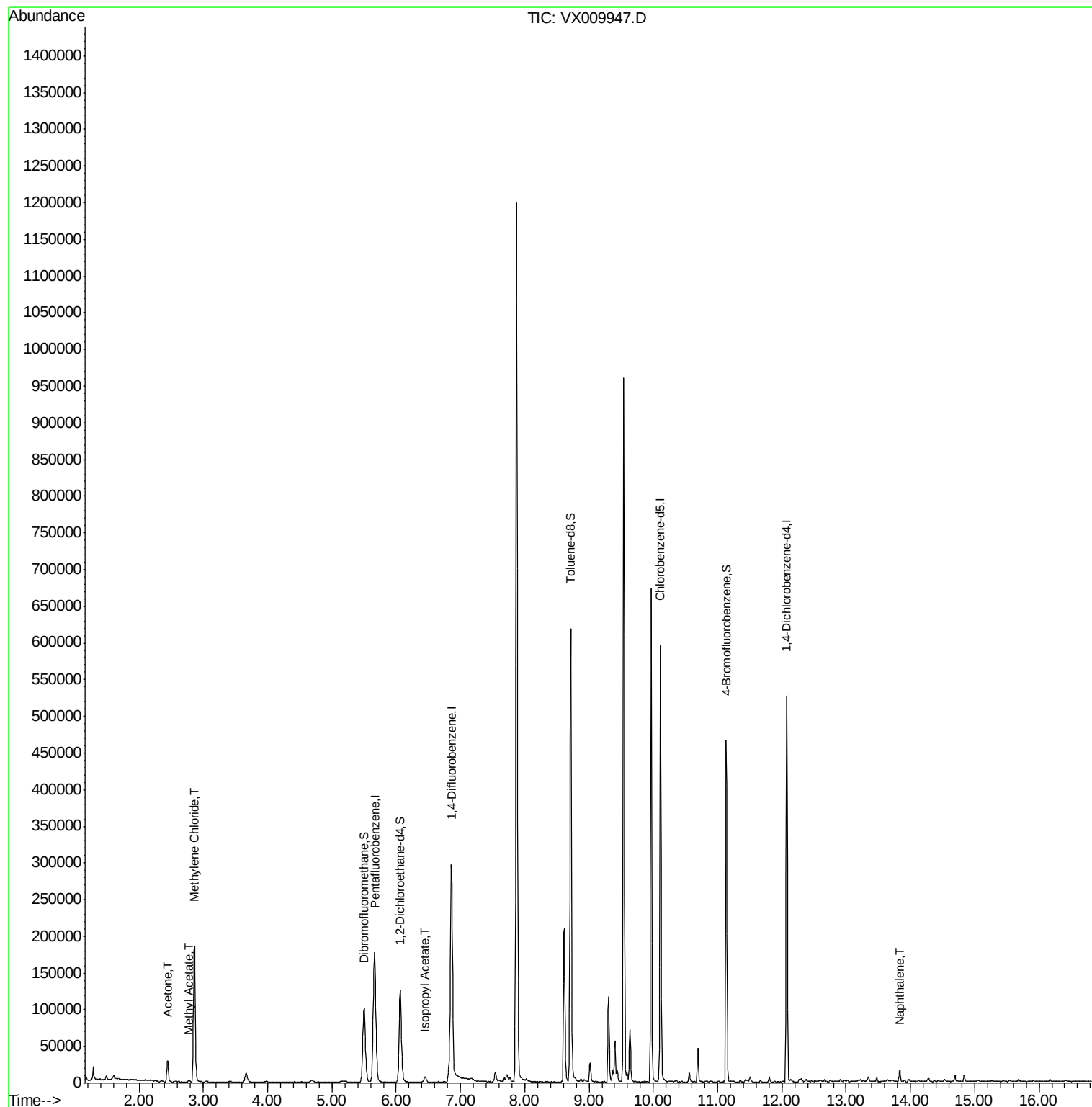
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119365	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
35) Dibromofluoromethane	5.50	113	85812	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.71	98	356943	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	118578	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
16) Acetone	2.44	43	33149	23.674	ug/l	96
18) Methyl Acetate	2.78	43	3919	1.203	ug/l #	91
20) Methylene Chloride	2.86	84	82179	38.325	ug/l	100
43) Isopropyl Acetate	6.45	43	10872	1.700	ug/l	96
95) Naphthalene	13.83	128	9257	1.167	ug/l	99

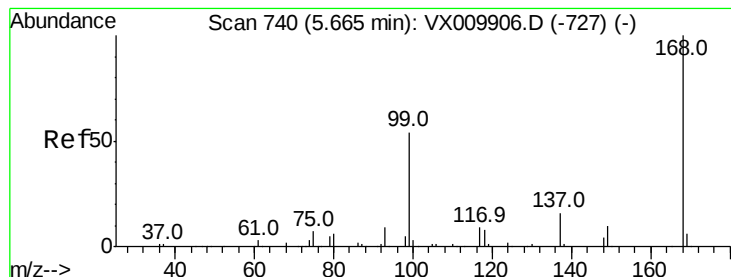
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX009947.D

Acq: 29 May 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

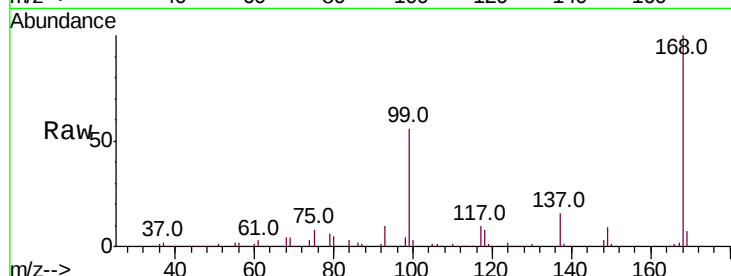
TP-3B-S

Tot Ion:168 Resp: 171564

Ion Ratio Lower Upper

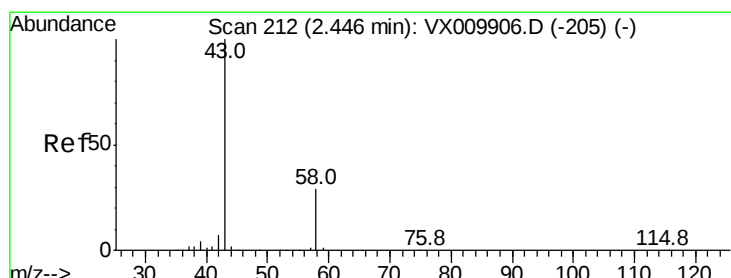
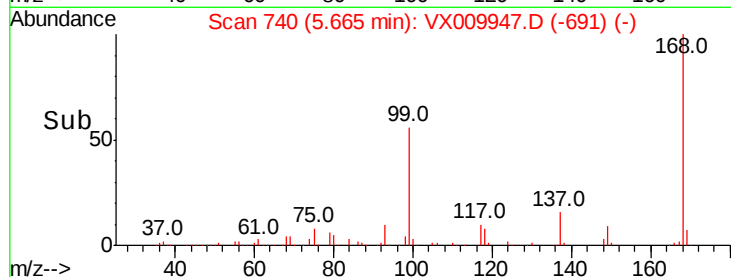
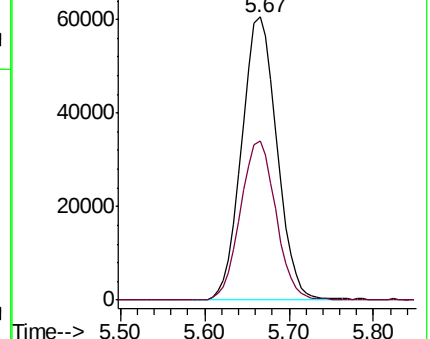
168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 23.674 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009947.D

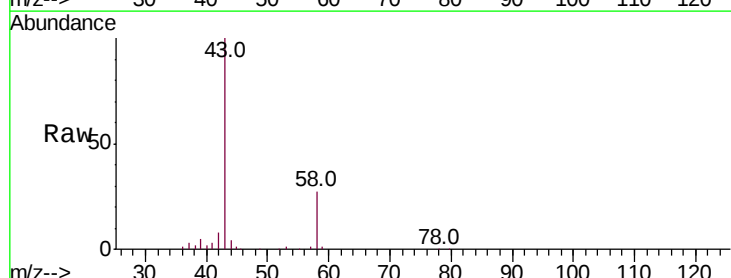
Acq: 29 May 2019 18:00

Tgt Ion: 43 Resp: 33149

Ion Ratio Lower Upper

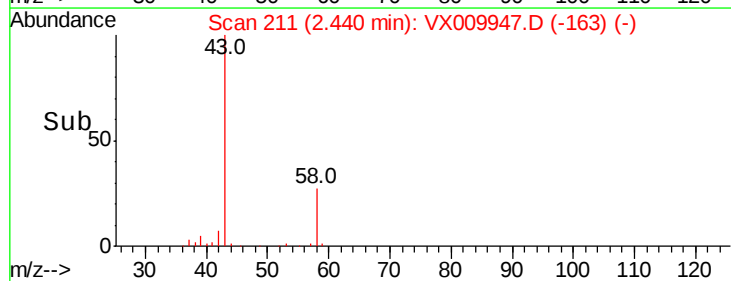
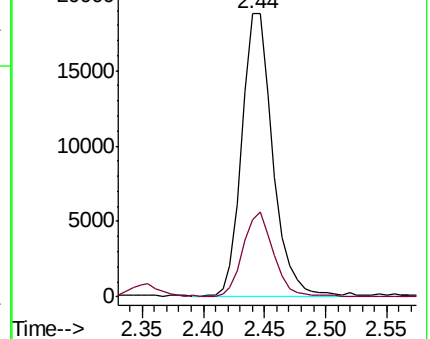
43 100

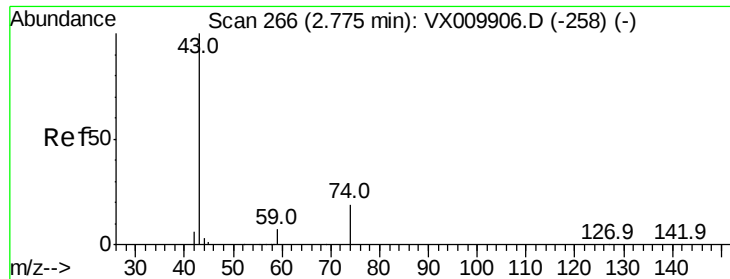
58 26.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

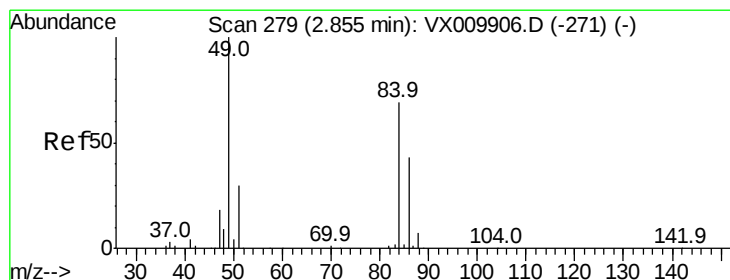
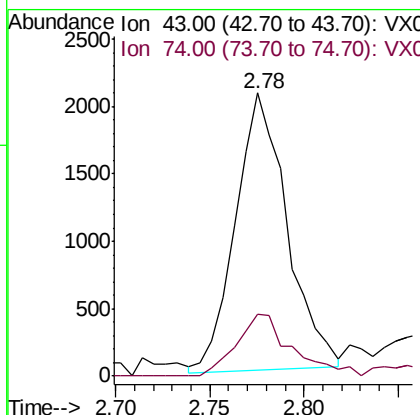
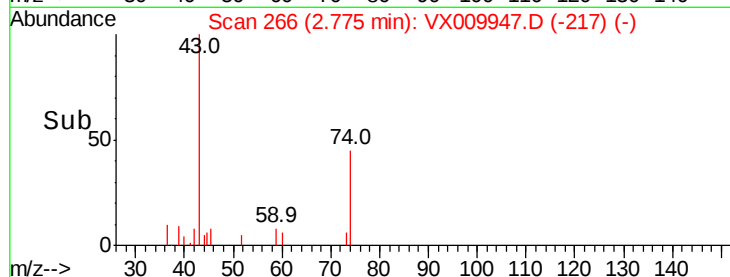
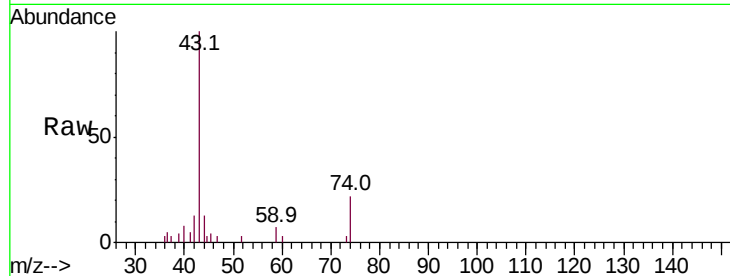




#18
Methvl Acetate
Concen: 1.203 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009947.D
Acq: 29 May 2019 18:00

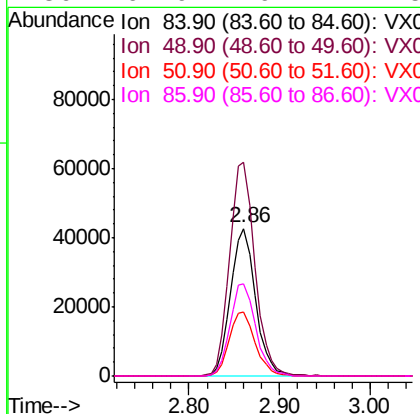
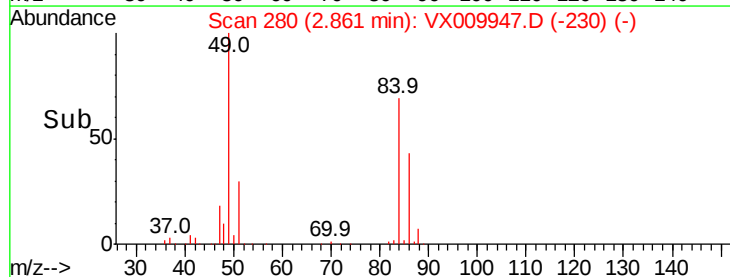
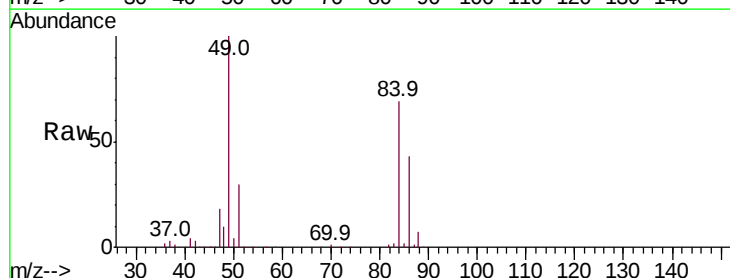
Instrument :
MSVOA_X
ClientSampleId :
TP-3B-S

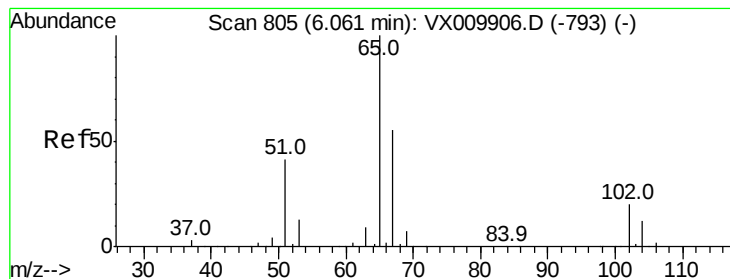
Tot Ion: 43 Resp: 3919
Ion Ratio Lower Upper
43 100
74 24.0 15.8 23.6#



#20
Methylene Chloride
Concen: 38.325 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009947.D
Acq: 29 May 2019 18:00

Tgt Ion: 84 Resp: 82179
Ion Ratio Lower Upper
84 100
49 144.9 115.8 173.6
51 43.1 34.4 51.6
86 62.9 49.7 74.5





#33

1,2-Dichloroethane-d4

Concen: 49.253 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009947.D

Acq: 29 May 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

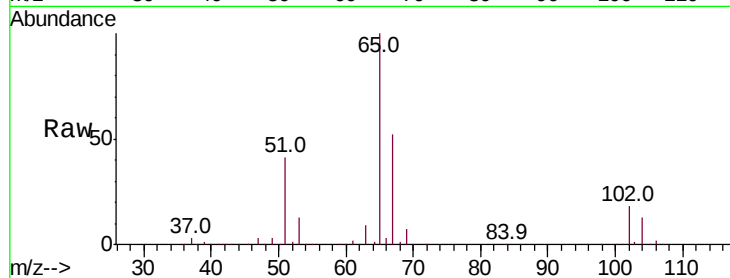
TP-3B-S

Tot Ion: 65 Resp: 119365

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

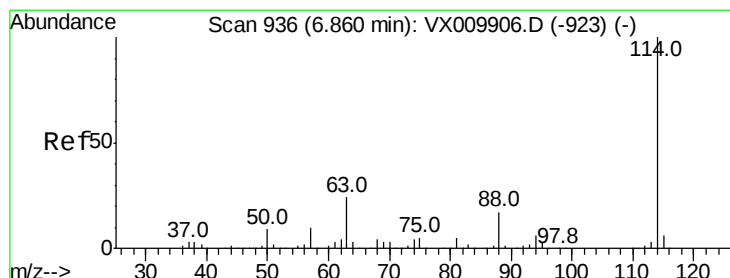
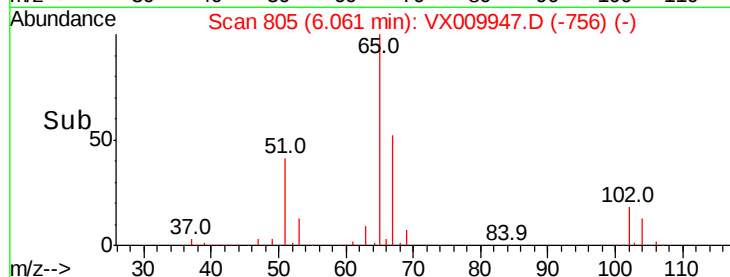
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009947.D

Acq: 29 May 2019 18:00

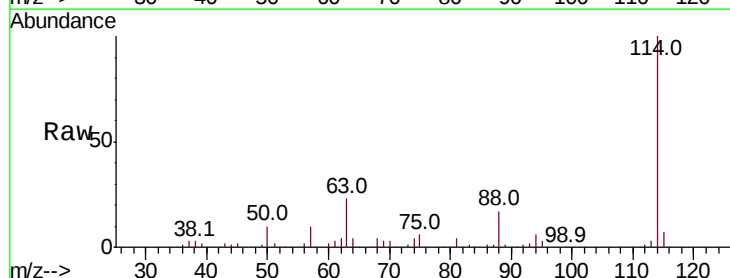
Tgt Ion:114 Resp: 280388

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

88 16.8 0.0 33.0



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

6.86

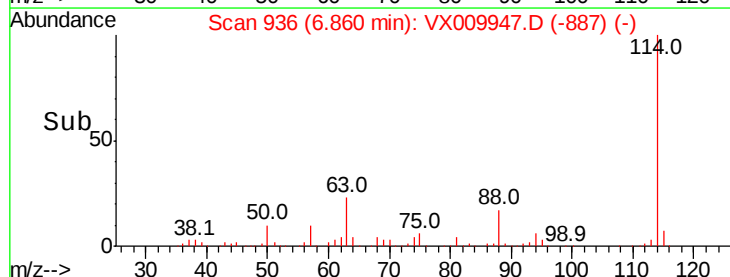
150000

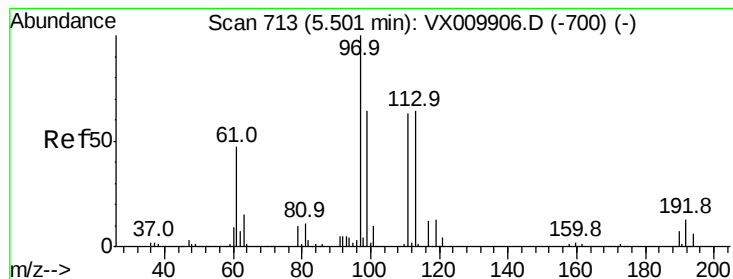
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.679 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009947.D

Acq: 29 May 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

TP-3B-S

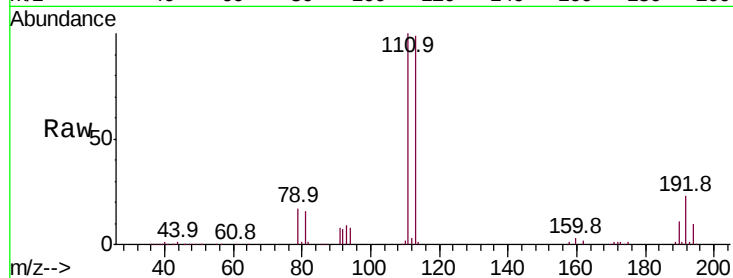
Tot Ion:113 Resp: 85812

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

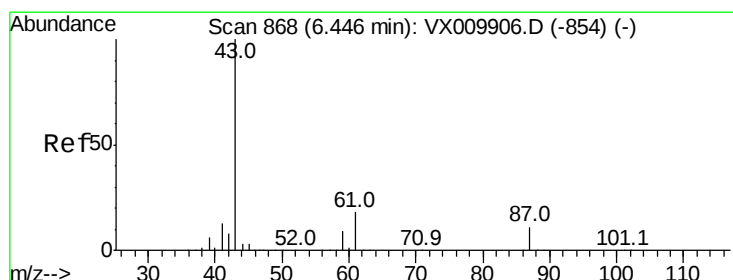
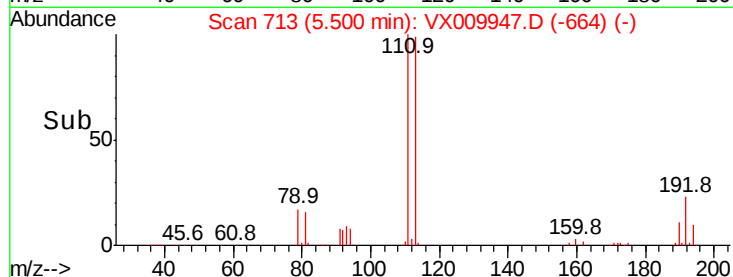
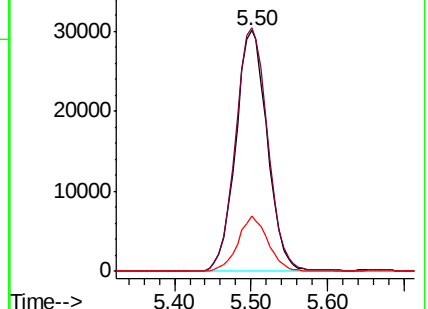
192 22.1 17.1 25.7



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: 1.700 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009947.D

Acq: 29 May 2019 18:00

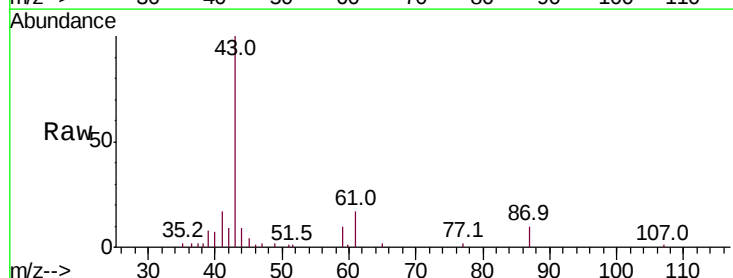
Tgt Ion: 43 Resp: 10872

Ion Ratio Lower Upper

43 100

61 21.0 14.6 21.8

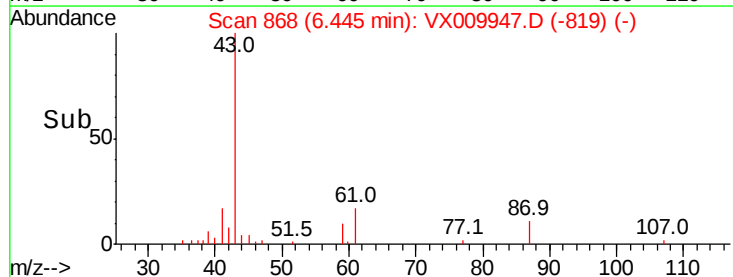
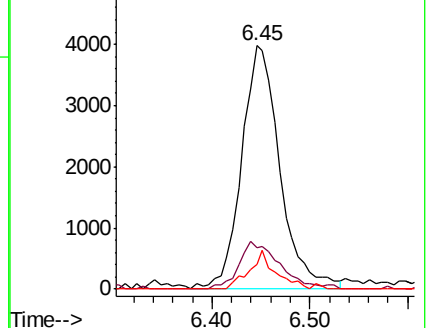
87 10.7 8.7 13.1

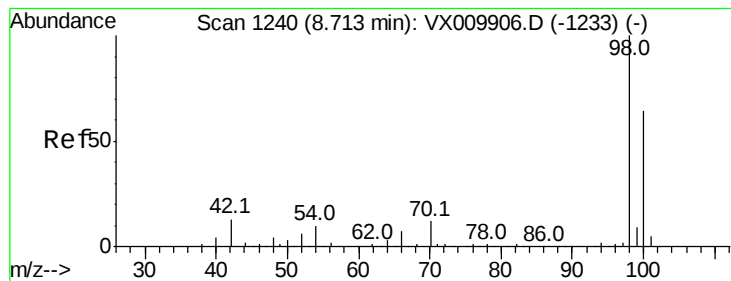


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.864 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009947.D

Acq: 29 May 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

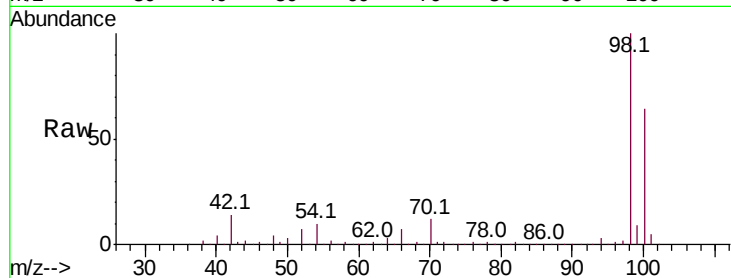
TP-3B-S

Tot Ion: 98 Resp: 356943

Ion Ratio Lower Upper

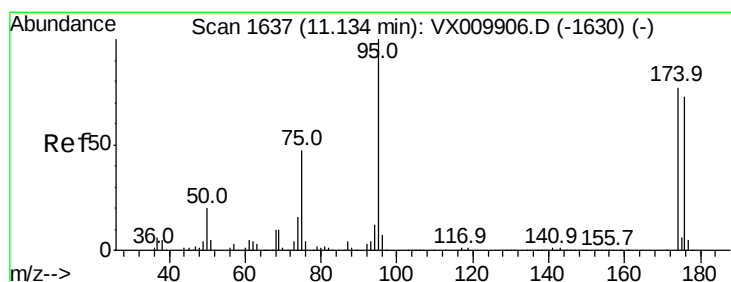
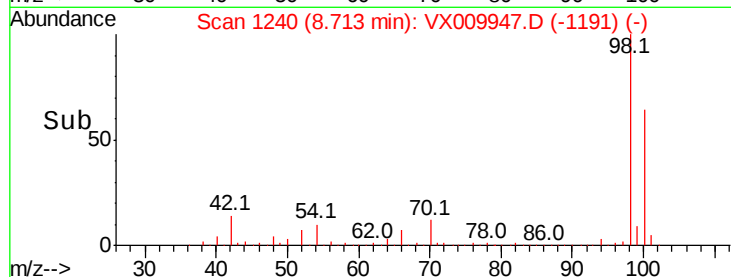
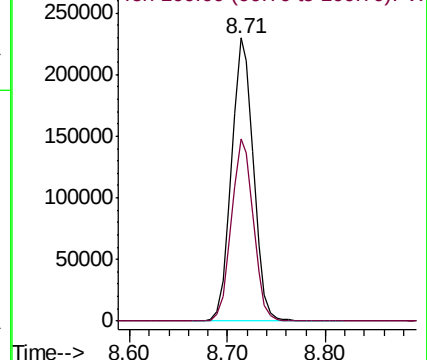
98 100

100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.118 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009947.D

Acq: 29 May 2019 18:00

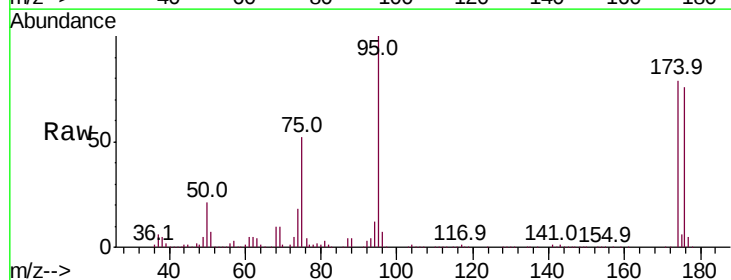
Tgt Ion: 95 Resp: 118578

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.4

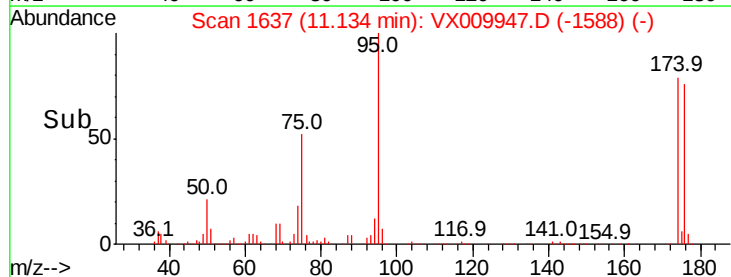
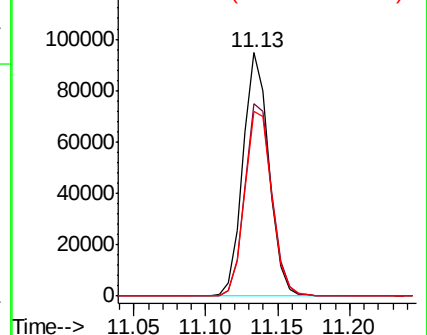
176 79.1 0.0 154.6

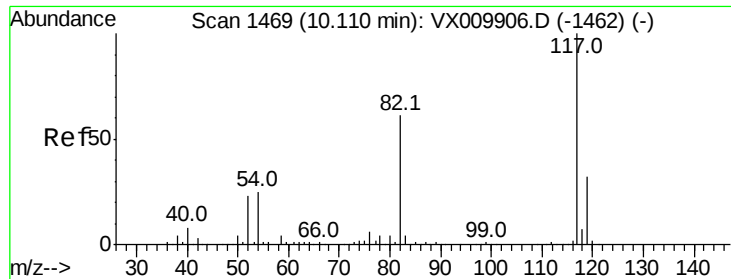


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

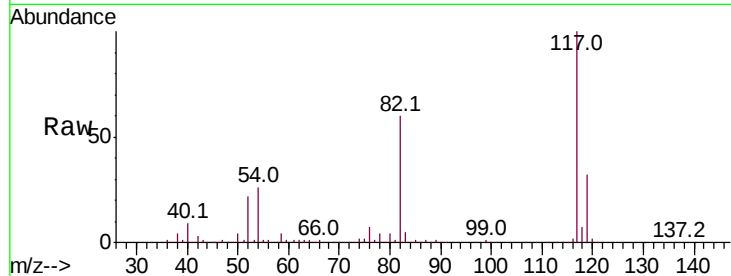




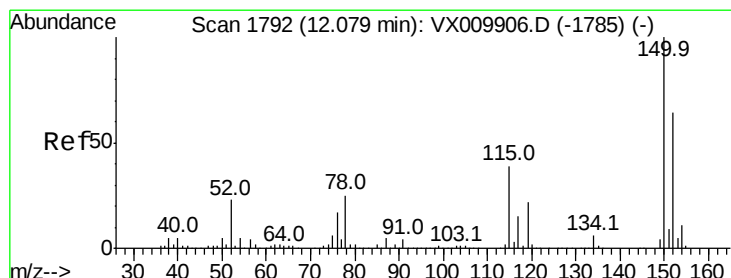
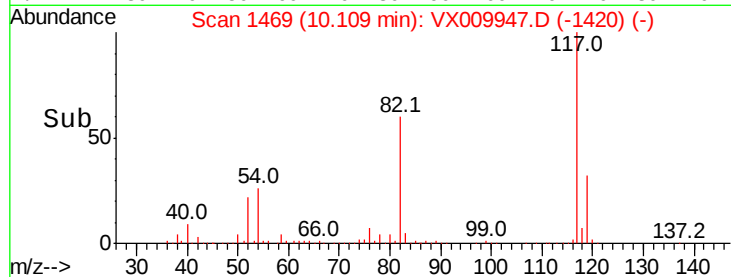
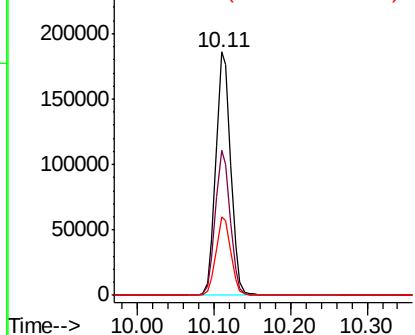
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009947.D
Acq: 29 May 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
TP-3B-S

Tot Ion:117 Resp: 250946
Ion Ratio Lower Upper
117 100
82 59.8 49.2 73.8
119 32.2 25.2 37.8

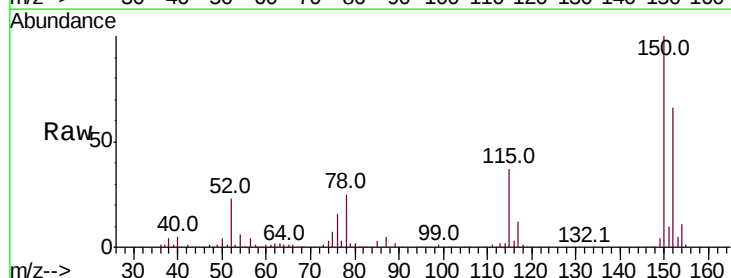


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

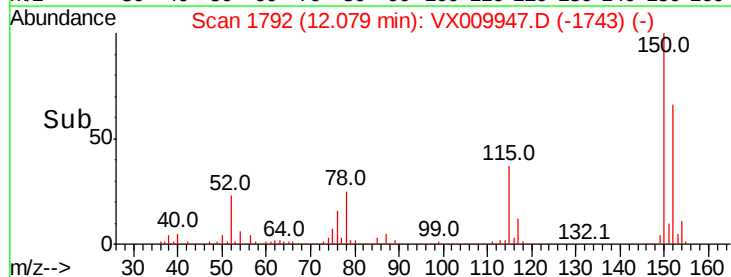
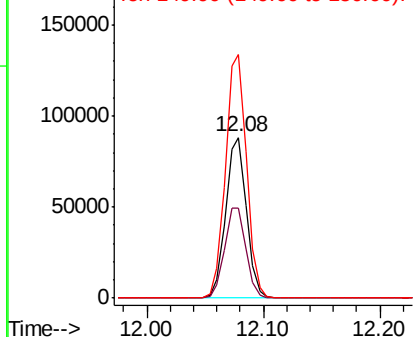


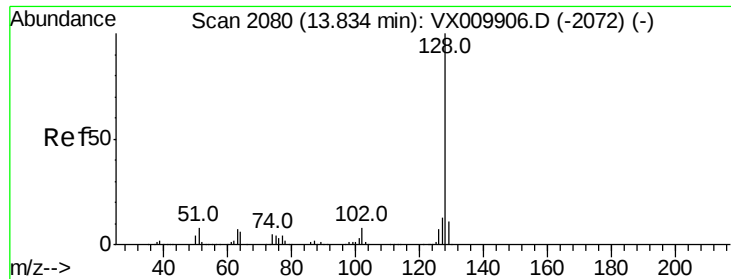
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009947.D
Acq: 29 May 2019 18:00

Tgt Ion:152 Resp: 108102
Ion Ratio Lower Upper
152 100
115 58.1 41.4 124.2
150 154.5 0.0 345.2



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

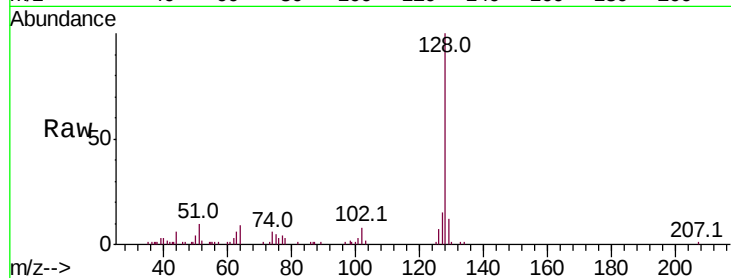




#95
Naphthalene
Concen: 1.167 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009947.D
Acq: 29 May 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
TP-3B-S

Tot Ion:128 Resp: 9257
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.7 8.8 13.2



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

