

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009948.D
 Acq On : 29 May 2019 18:23
 Operator : JC/SP
 Sample : K3074-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3B-D

Quant Time: May 30 03:16:32 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

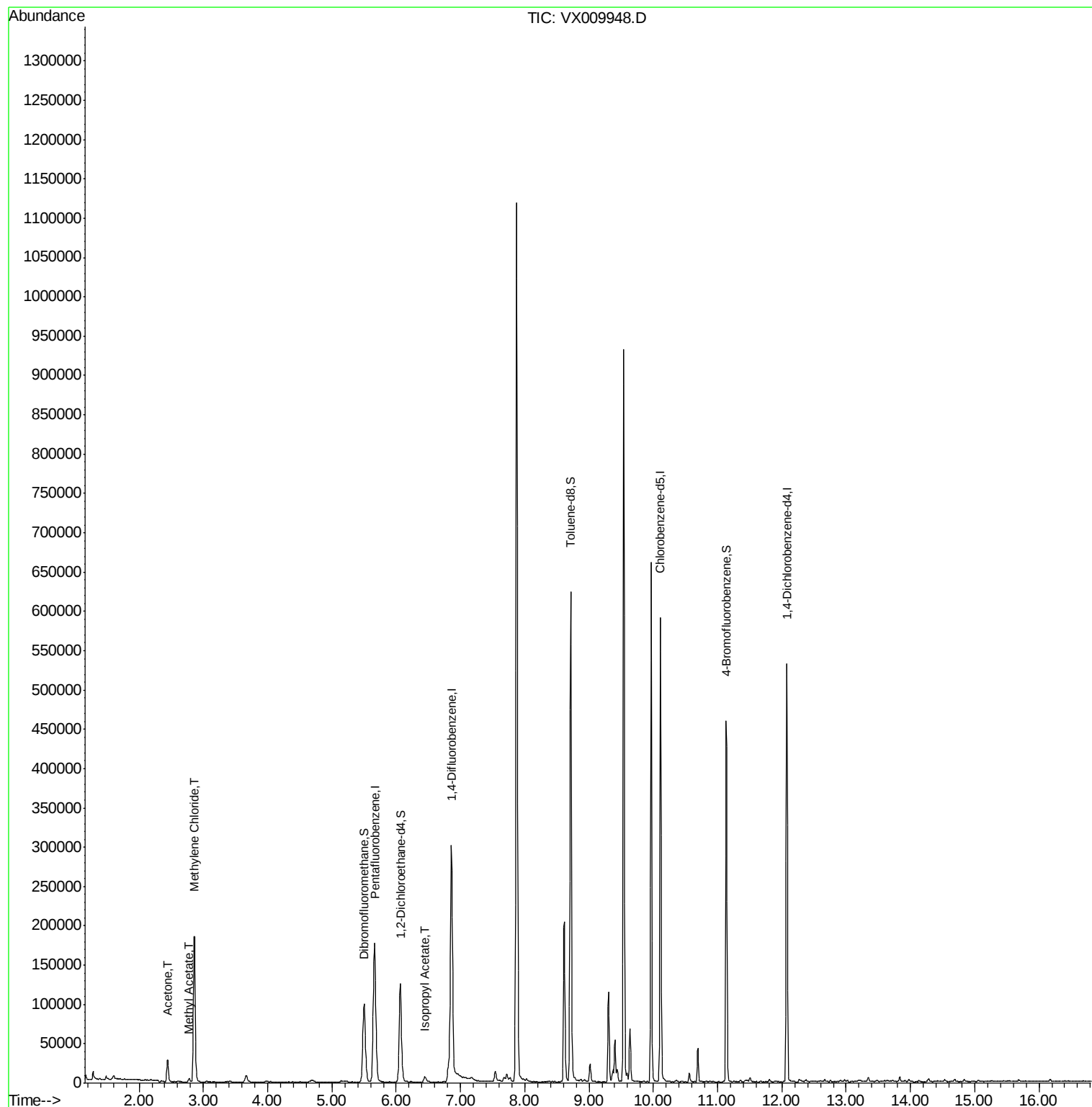
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118757	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	5.50	113	85629	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	355362	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	119283	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
Target Compounds						
16) Acetone	2.45	43	31529	22.868	ug/l	99
18) Methyl Acetate	2.78	43	5719	1.783	ug/l	96
20) Methylene Chloride	2.85	84	83076	39.348	ug/l	98
43) Isopropyl Acetate	6.45	43	10777	1.715	ug/l	95

(#) = 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: VX009948.D

Acq: 29 May 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

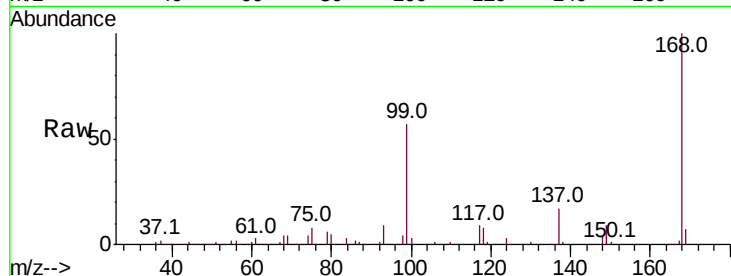
TP-3B-D

Tot Ion:168 Resp: 168928

Ion Ratio Lower Upper

168 100

99 56.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX009906.D

Ion 98.90 (98.60 to 99.60): VX009906.D

5.67

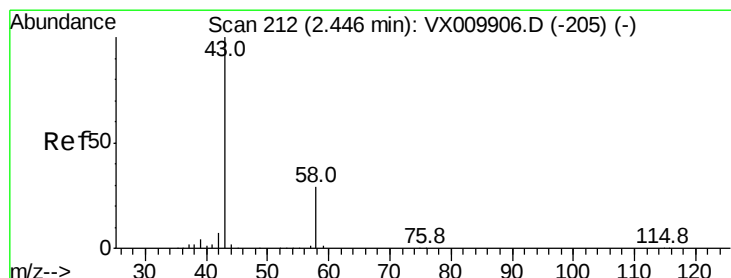
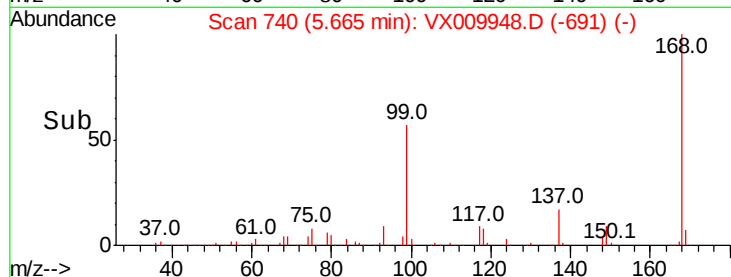
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 22.868 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009948.D

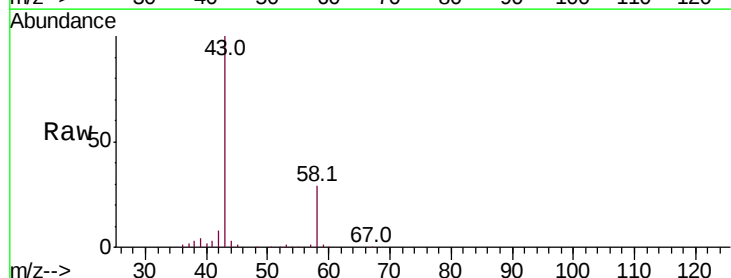
Acq: 29 May 2019 18:23

Tgt Ion: 43 Resp: 31529

Ion Ratio Lower Upper

43 100

58 28.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX009906.D

Ion 58.00 (57.70 to 58.70): VX009906.D

2.45

20000

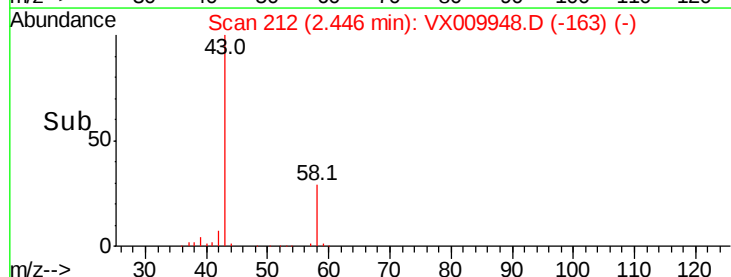
15000

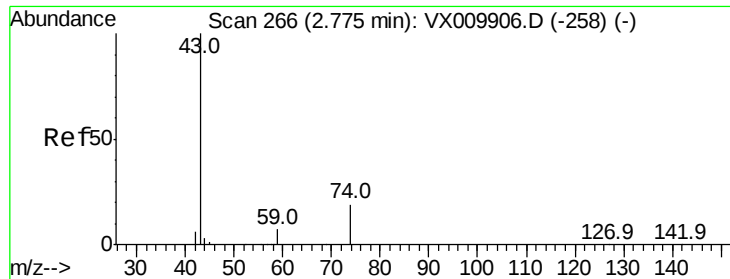
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

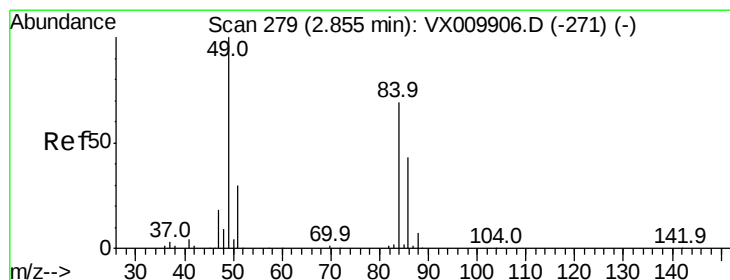
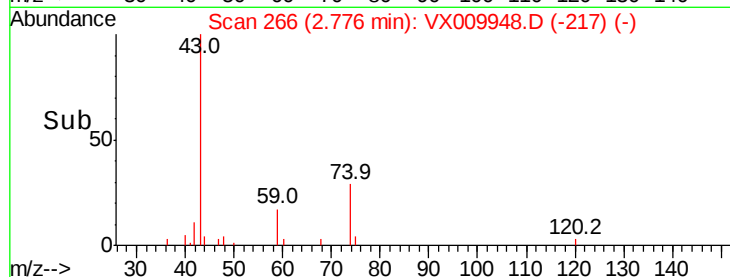
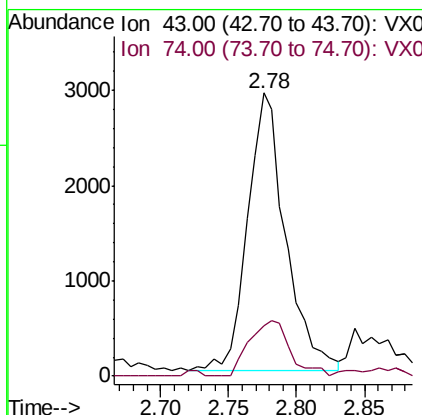
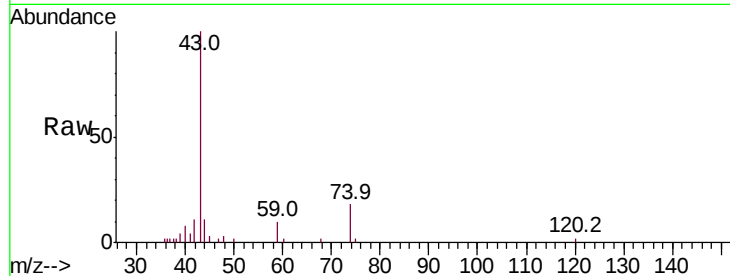




#18
Methvl Acetate
Concen: 1.783 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009948.D
Acq: 29 May 2019 18:23

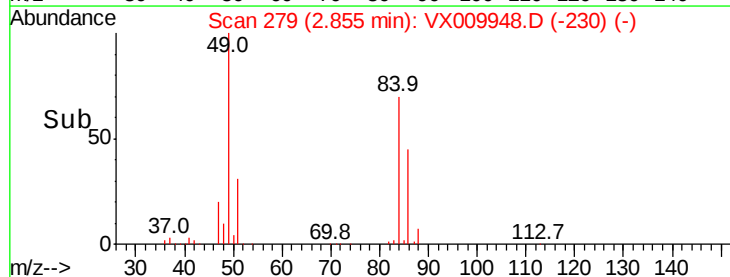
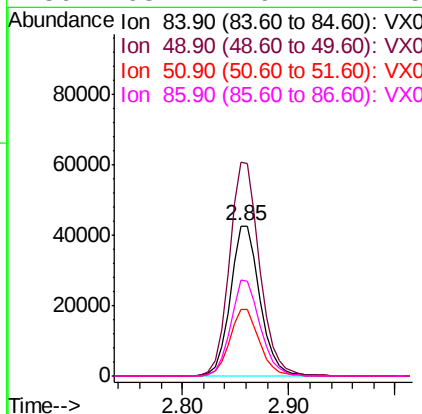
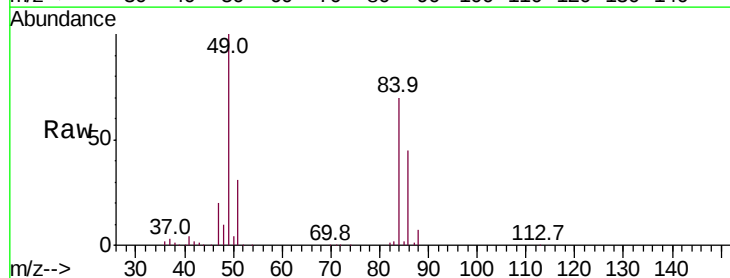
Instrument :
MSVOA_X
ClientSampleId :
TP-3B-D

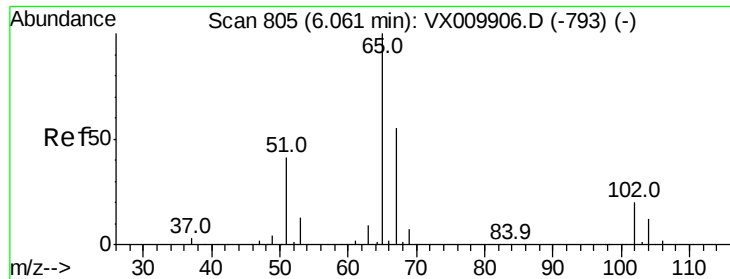
Tot Ion: 43 Resp: 5719
Ion Ratio Lower Upper
43 100
74 21.4 15.8 23.6



#20
Methylene Chloride
Concen: 39.348 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009948.D
Acq: 29 May 2019 18:23

Tgt Ion: 84 Resp: 83076
Ion Ratio Lower Upper
84 100
49 142.2 115.8 173.6
51 43.7 34.4 51.6
86 63.7 49.7 74.5

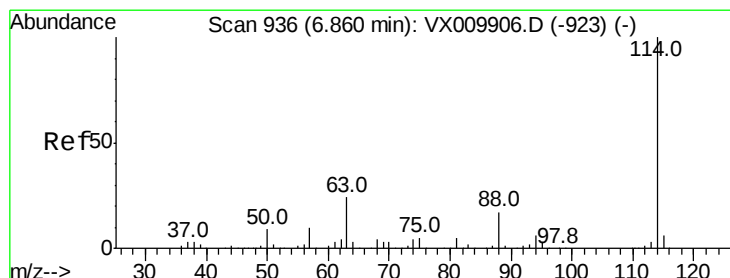
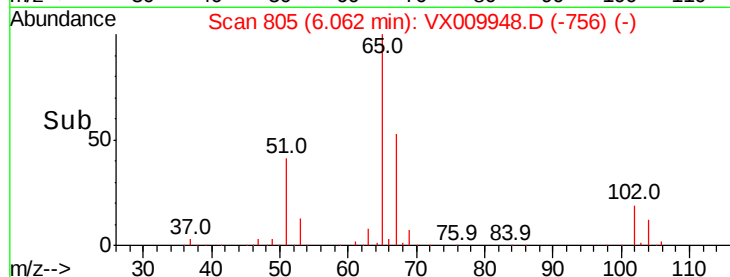
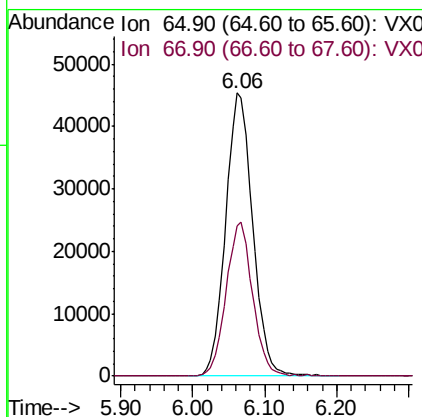
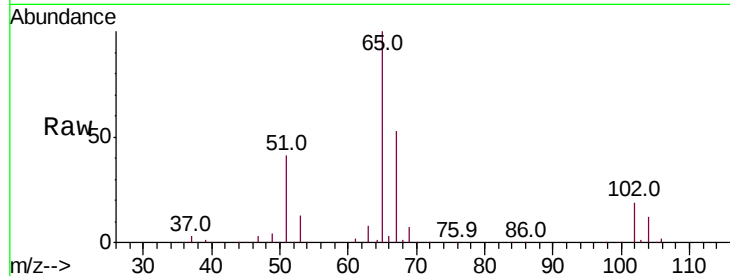




#33
 1,2-Dichloroethane-d4
 Concen: 49.767 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009948.D
 Acq: 29 May 2019 18:23

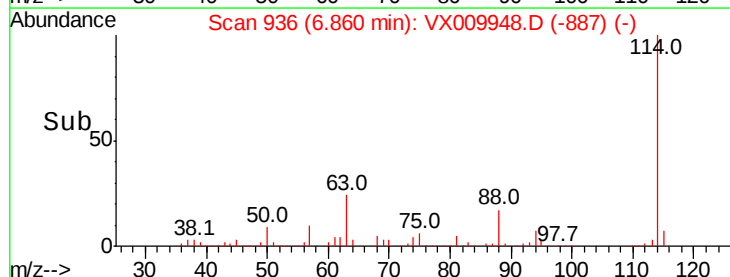
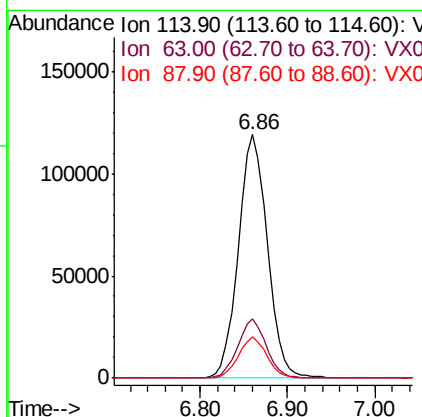
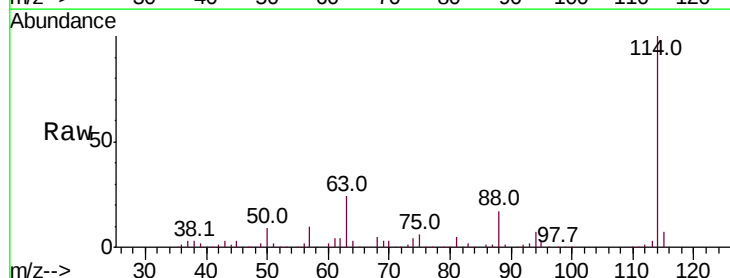
Instrument :
 MSVOA_X
 ClientSampled :
 TP-3B-D

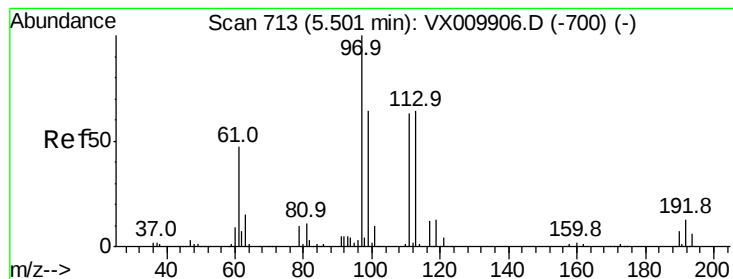
Tot Ion: 65 Resp: 118757
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009948.D
 Acq: 29 May 2019 18:23

Tgt Ion: 114 Resp: 275421
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 47.4
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.451 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009948.D

Acq: 29 May 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

TP-3B-D

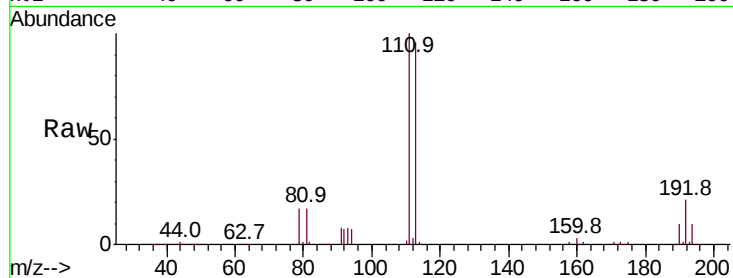
Tot Ion:113 Resp: 85629

Ion Ratio Lower Upper

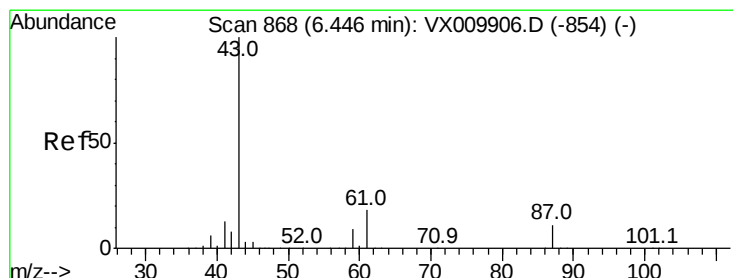
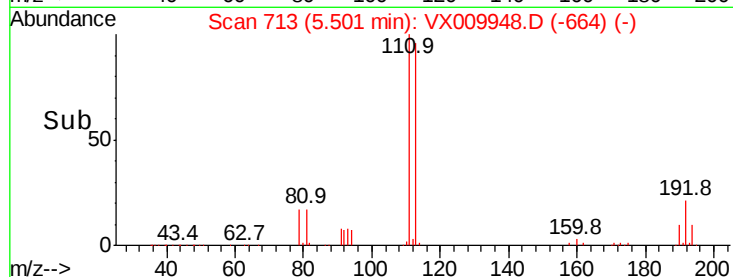
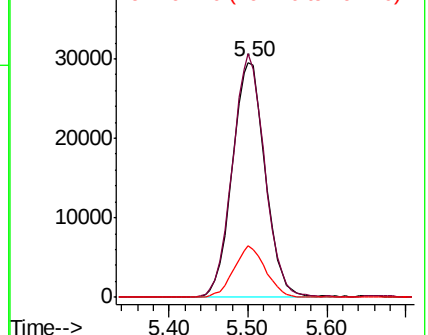
113 100

111 101.7 82.2 123.2

192 21.2 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: 1.715 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009948.D

Acq: 29 May 2019 18:23

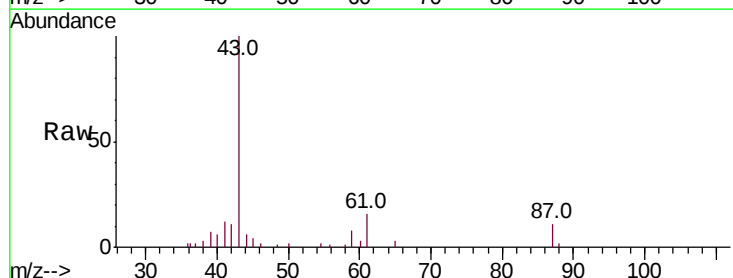
Tgt Ion: 43 Resp: 10777

Ion Ratio Lower Upper

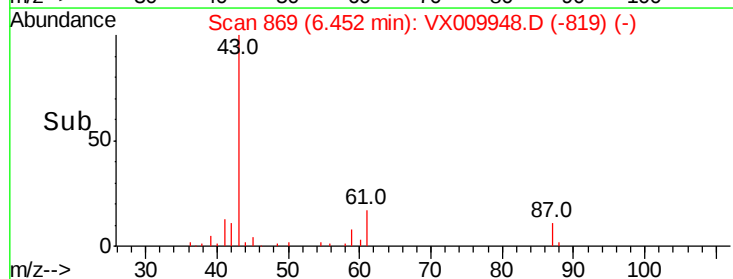
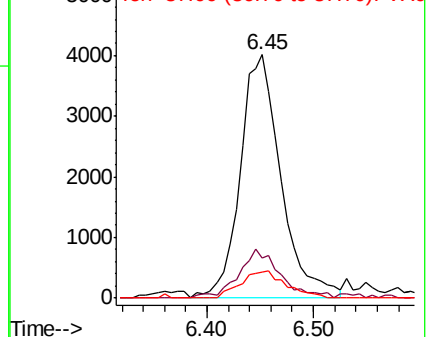
43 100

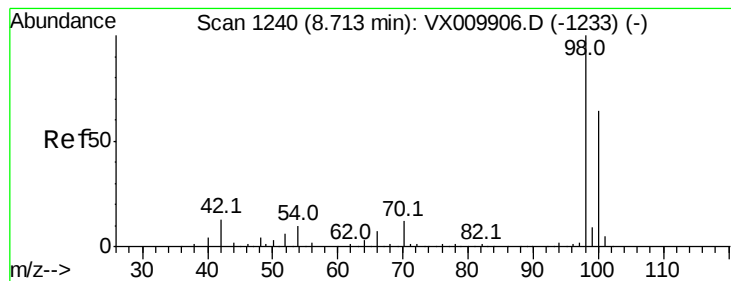
61 20.5 14.6 21.8

87 12.4 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: 50.538 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009948.D

Acq: 29 May 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

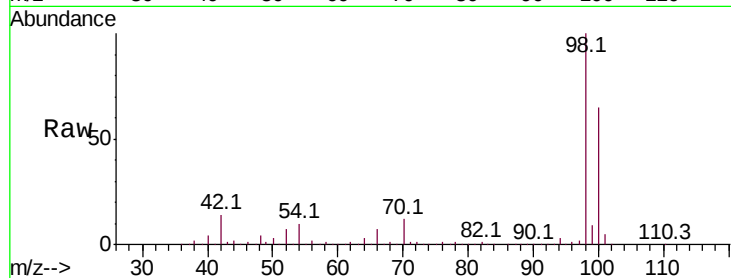
TP-3B-D

Tot Ion: 98 Resp: 355362

Ion Ratio Lower Upper

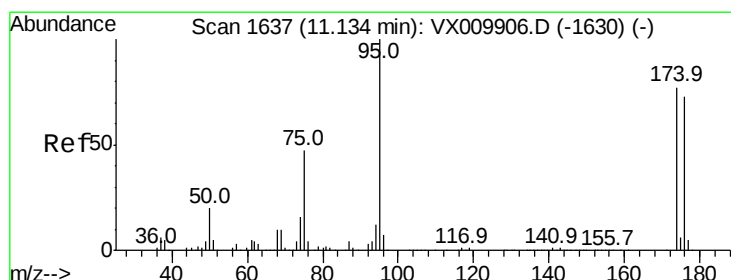
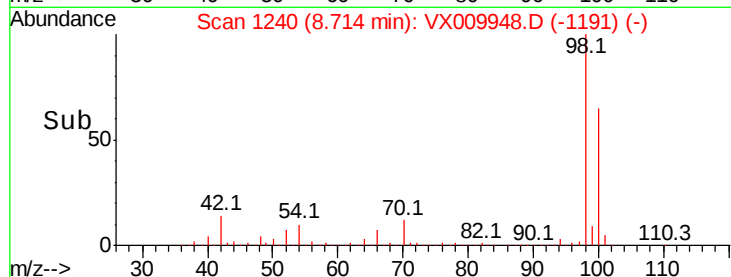
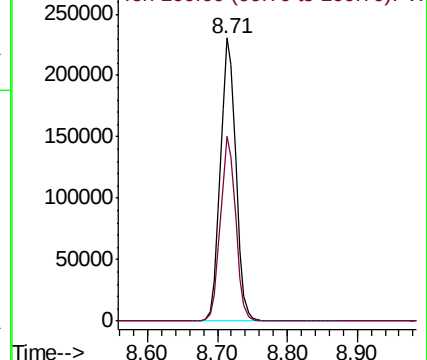
98 100

100 64.3 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: 47.229 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009948.D

Acq: 29 May 2019 18:23

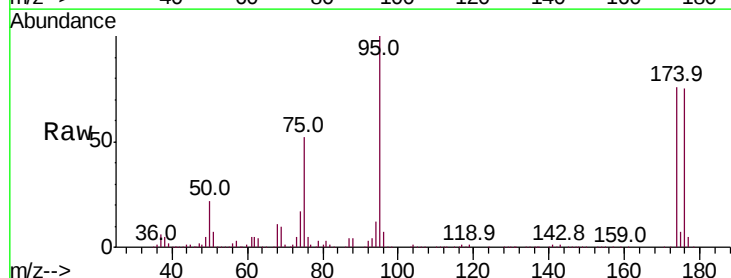
Tgt Ion: 95 Resp: 119283

Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.4

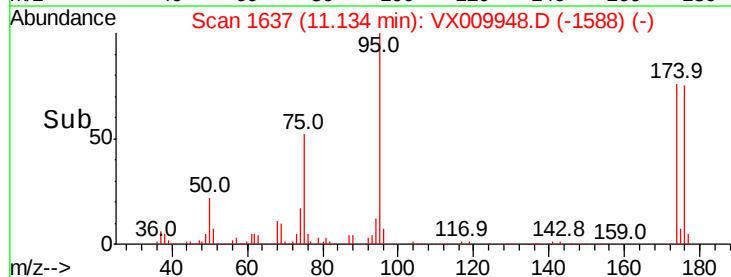
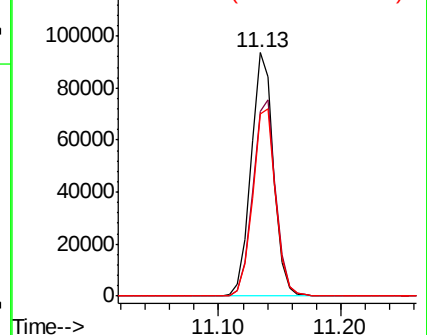
176 79.1 0.0 154.6

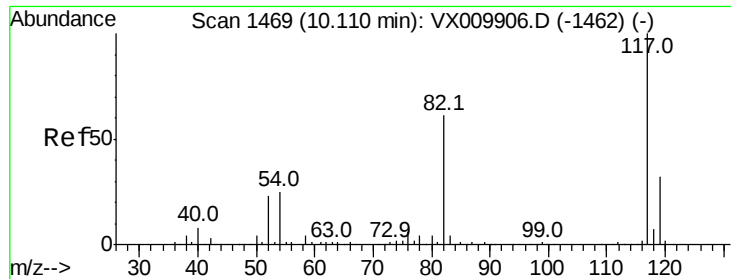


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

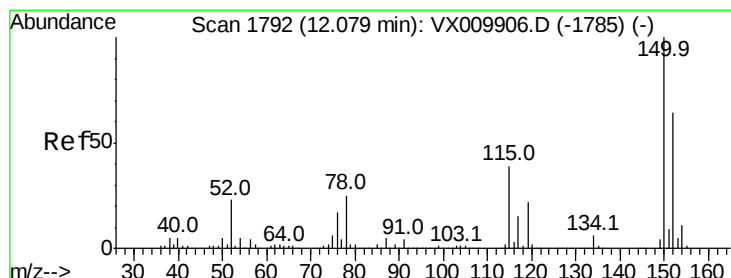
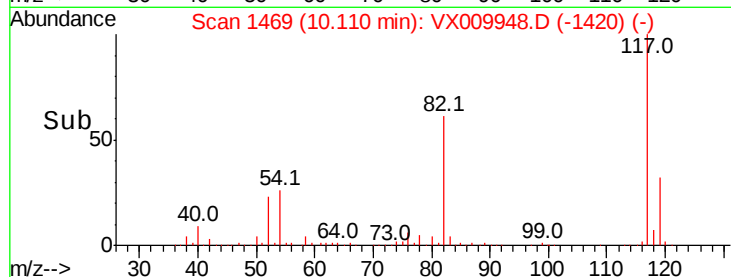
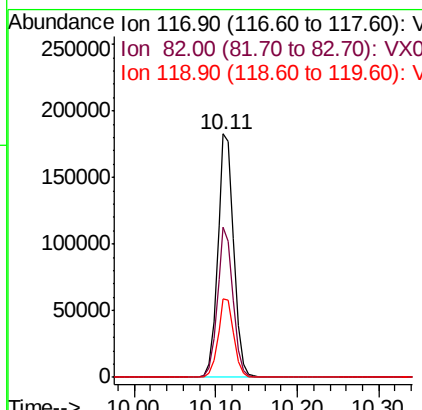
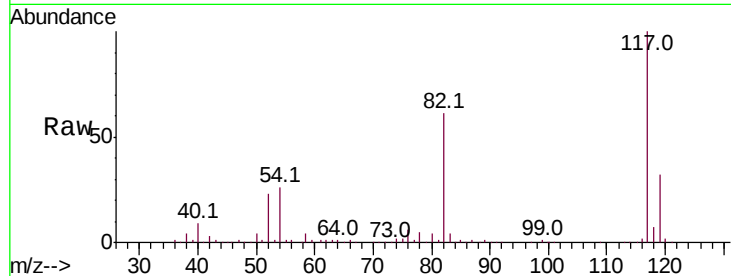




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009948.D
 Acq: 29 May 2019 18:23

Instrument :
 MSVOA_X
 ClientSampleID :
 TP-3B-D

Tot Ion:117 Resp: 251021
 Ion Ratio Lower Upper
 117 100
 82 61.5 49.2 73.8
 119 32.1 25.2 37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009948.D
 Acq: 29 May 2019 18:23

Tgt Ion:152 Resp: 110649
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.4 124.2
 150 156.3 0.0 345.2

