

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005867.D
 Acq On : 09 Nov 2018 17:45
 Operator : JC/MD
 Sample : J5884-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8A-D

Quant Time: Nov 12 00:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

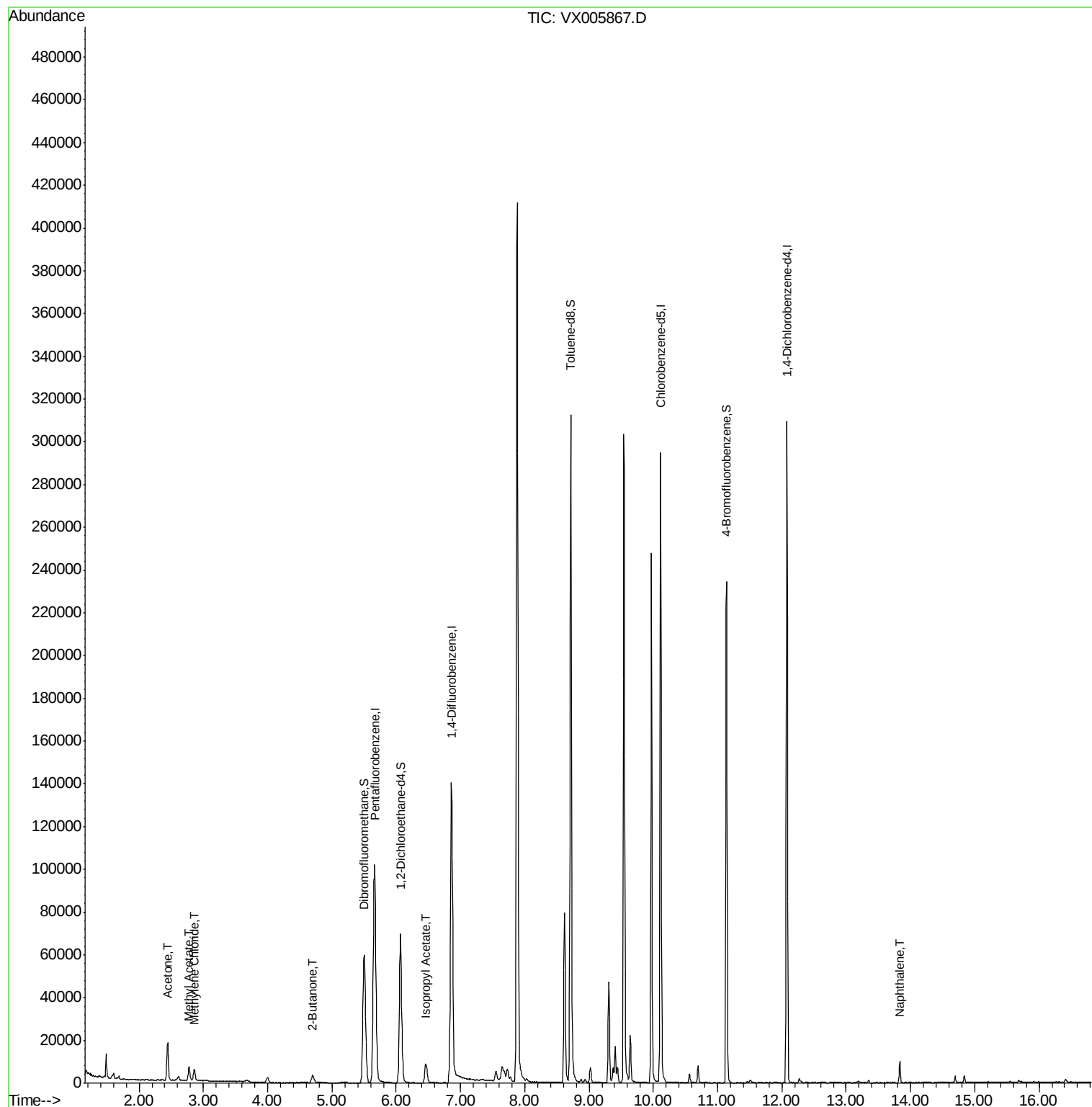
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	141185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	63404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	64896	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
35) Dibromofluoromethane	5.50	113	52276	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
50) Toluene-d8	8.71	98	182681	57.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.44%	
62) 4-Bromofluorobenzene	11.14	95	59330	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
Target Compounds						
16) Acetone	2.45	43	18843	28.390	ug/l	90
18) Methyl Acetate	2.78	43	8542	3.421	ug/l	96
20) Methylene Chloride	2.85	84	2159	1.980	ug/l	92
25) 2-Butanone	4.70	43	6696	6.417	ug/l	96
43) Isopropyl Acetate	6.46	43	12581	4.851	ug/l	97
95) Naphthalene	13.83	128	6045	2.471	ug/l	97

(#) = 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: VX005867.D

Acq: 09 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

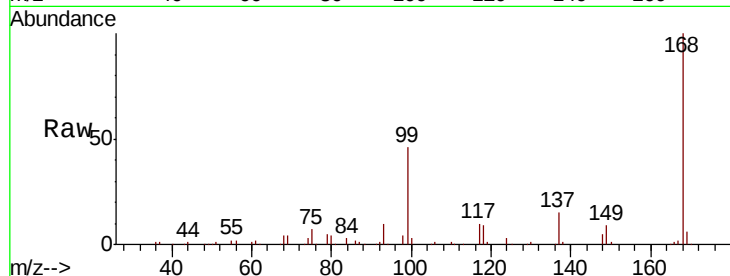
TP-8A-D

Tot Ion:168 Resp: 107228

Ion Ratio Lower Upper

168 100

99 45.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

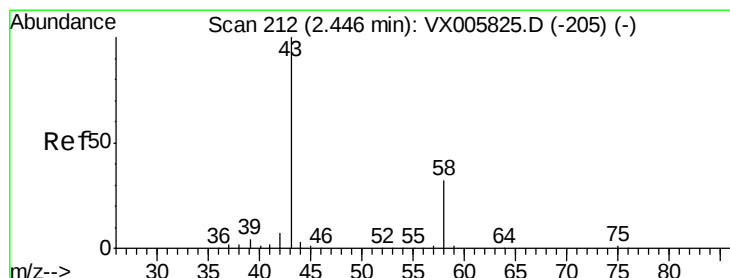
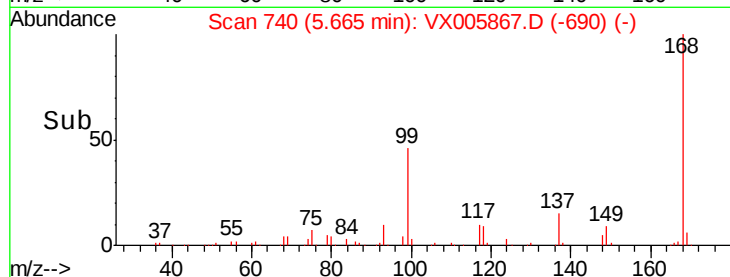
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 28.390 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005867.D

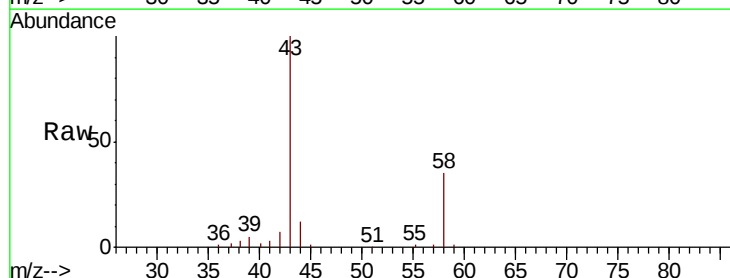
Acq: 09 Nov 2018 17:45

Tgt Ion: 43 Resp: 18843

Ion Ratio Lower Upper

43 100

58 35.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

6000

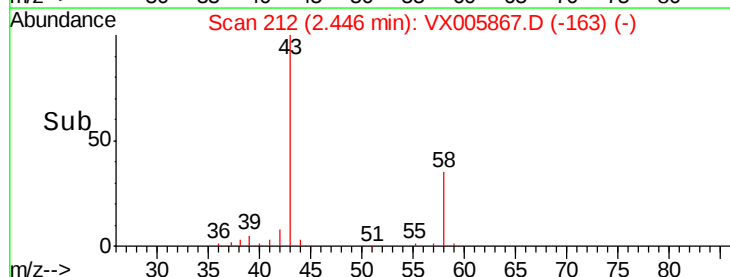
4000

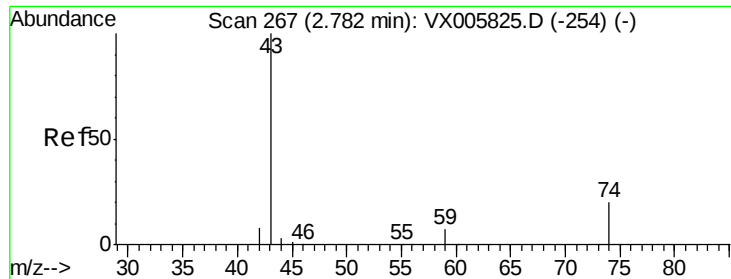
2000

0

2.35 2.40 2.45 2.50 2.55

Time-->

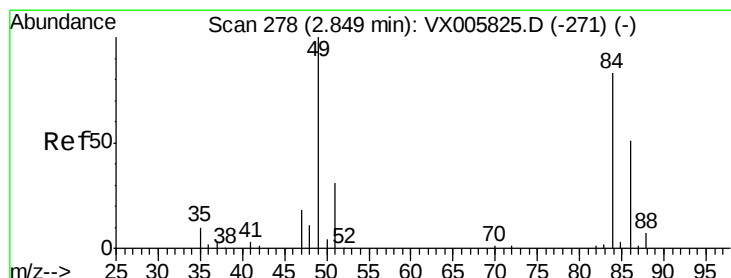
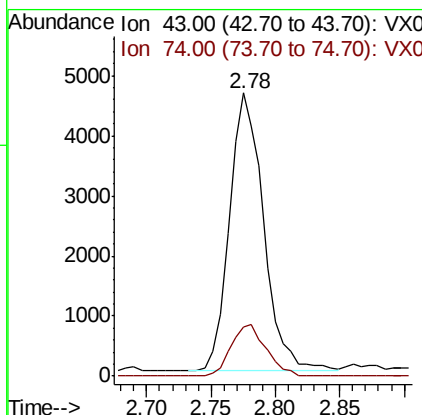
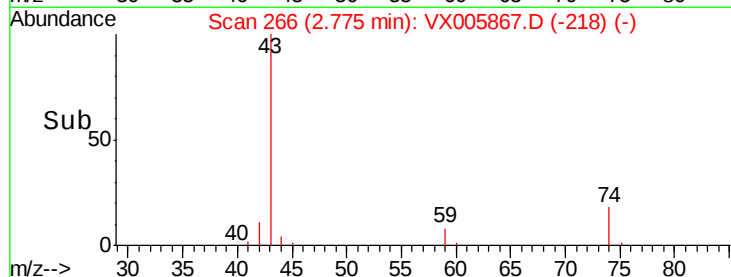
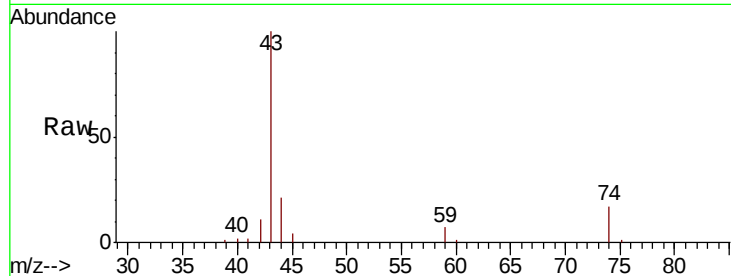




#18
Methyl Acetate
Concen: 3.421 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005867.D
Acq: 09 Nov 2018 17:45

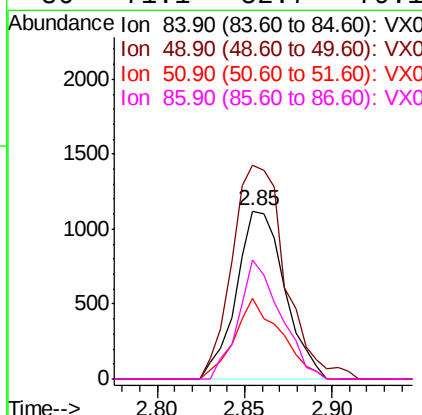
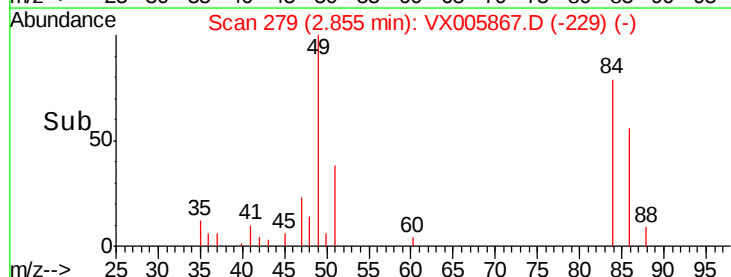
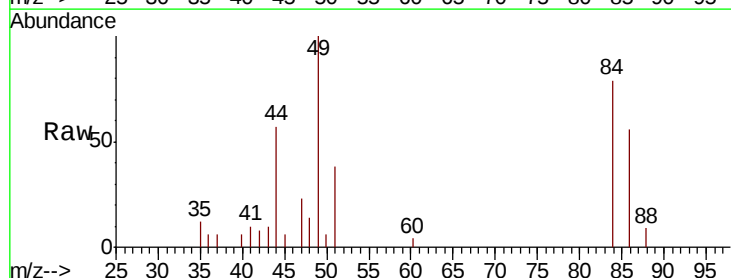
Instrument :
MSVOA_X
ClientSampled :
TP-8A-D

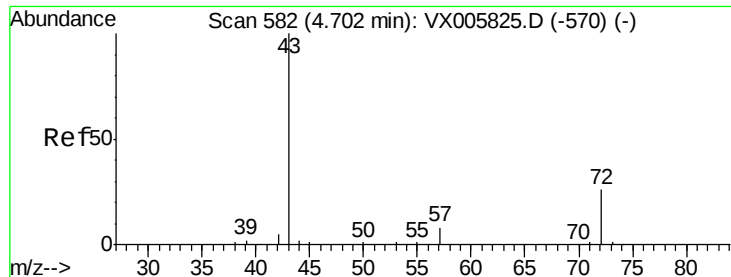
Tot Ion: 43 Resp: 8542
Ion Ratio Lower Upper
43 100
74 19.0 16.8 25.2



#20
Methylene Chloride
Concen: 1.980 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005867.D
Acq: 09 Nov 2018 17:45

Tgt Ion: 84 Resp: 2159
Ion Ratio Lower Upper
84 100
49 127.2 109.5 164.3
51 47.9 33.3 49.9
86 71.1 52.7 79.1





#25

2-Butanone

Concen: 6.417 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005867.D

Acq: 09 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

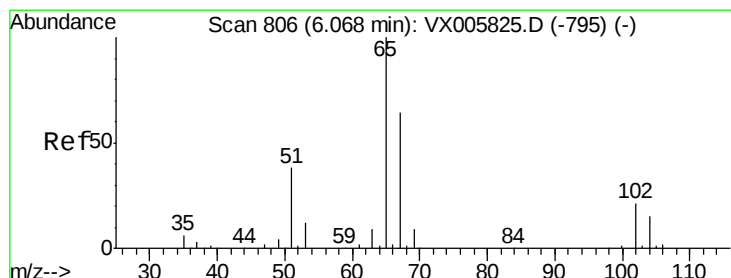
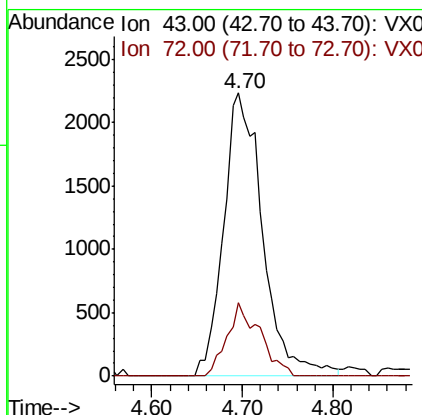
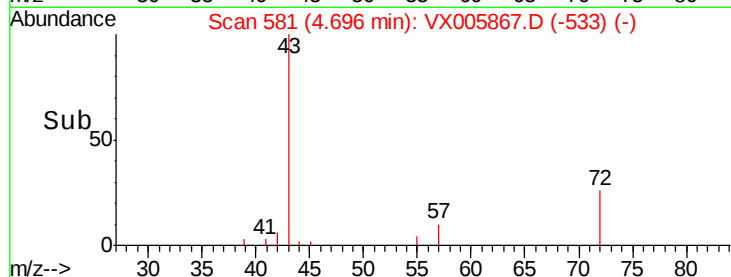
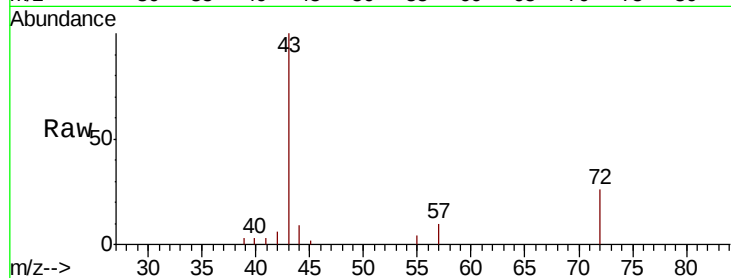
TP-8A-D

Tot Ion: 43 Resp: 6696

Ion Ratio Lower Upper

43 100

72 26.1 19.2 28.8



#33

1,2-Dichloroethane-d4

Concen: 52.644 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005867.D

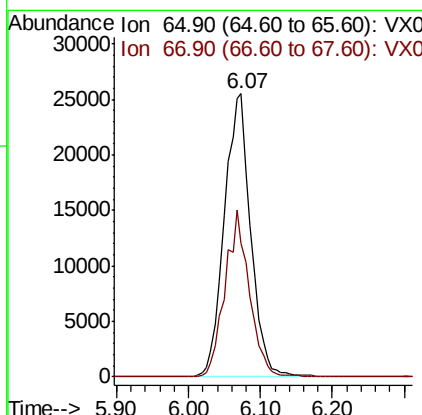
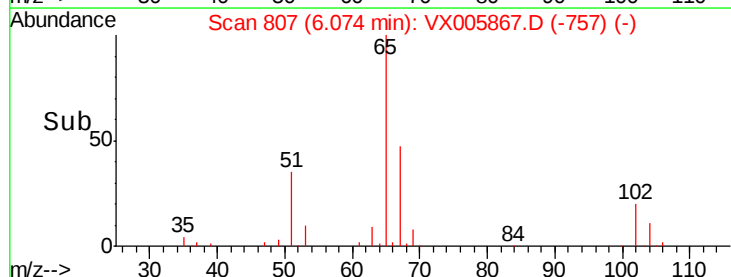
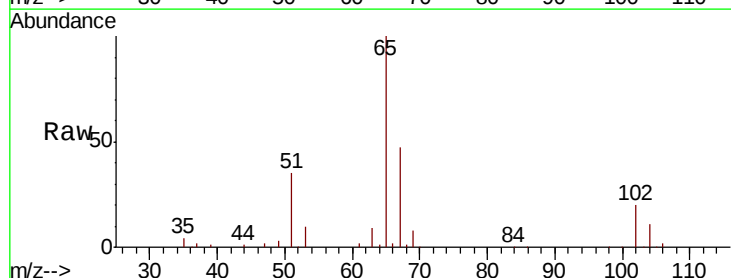
Acq: 09 Nov 2018 17:45

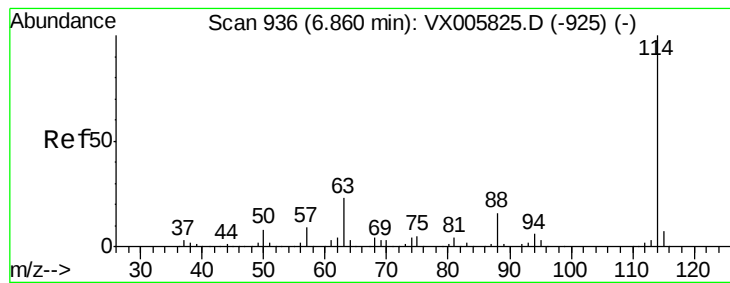
Tgt Ion: 65 Resp: 64896

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005867.D

Acq: 09 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

TP-8A-D

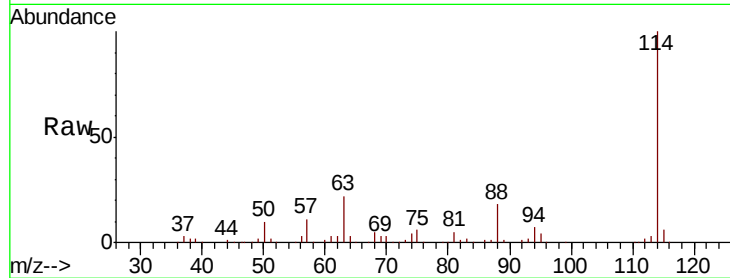
Tot Ion:114 Resp: 141185

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.8

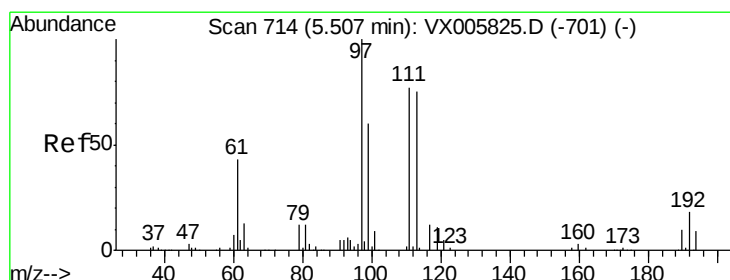
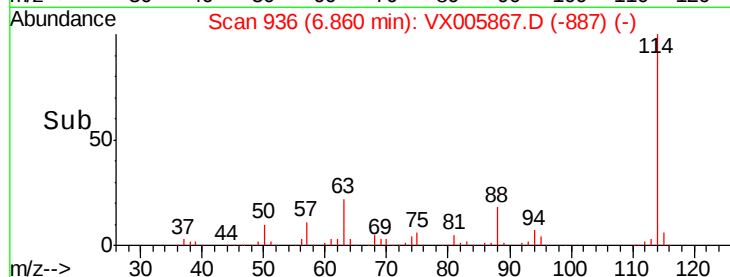
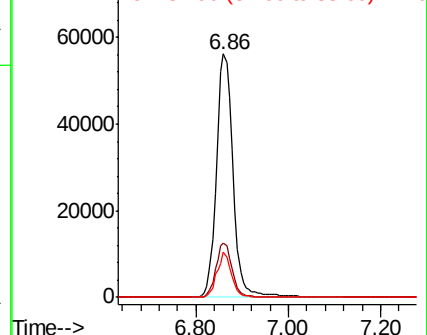
88 18.5 0.0 31.2



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: 54.439 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005867.D

Acq: 09 Nov 2018 17:45

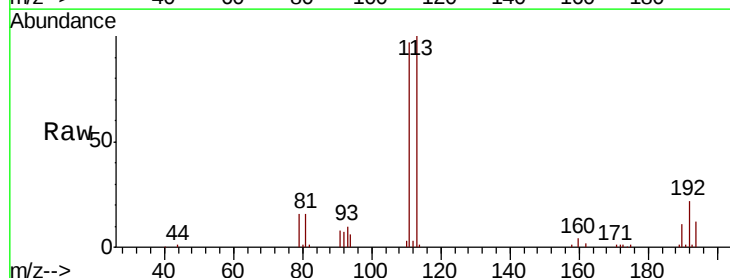
Tgt Ion:113 Resp: 52276

Ion Ratio Lower Upper

113 100

111 109.1 82.3 123.5

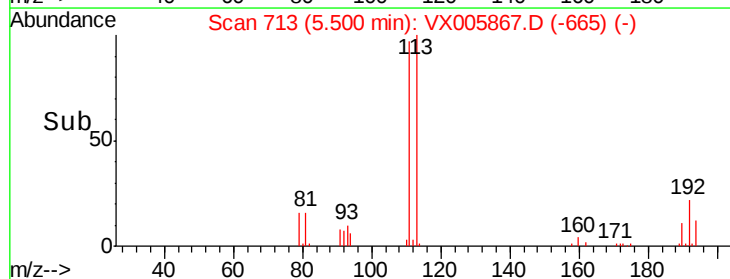
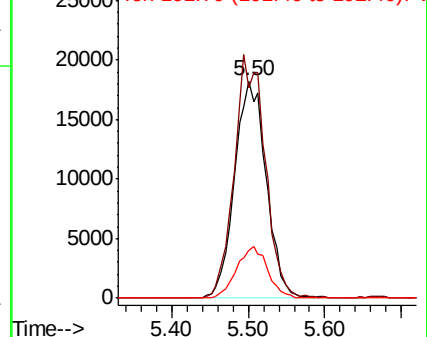
192 23.1 17.9 26.9

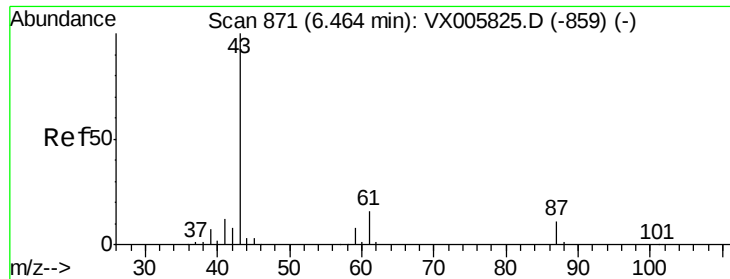


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.851 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005867.D

Acq: 09 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

TP-8A-D

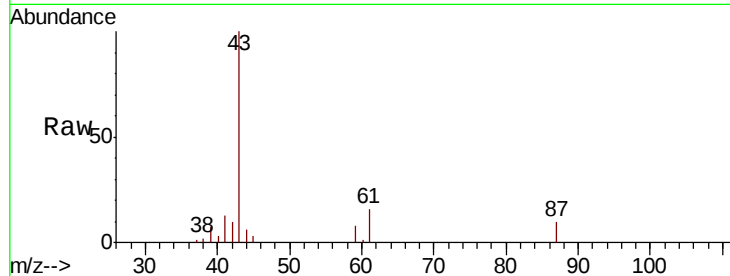
Tot Ion: 43 Resp: 12581

Ion Ratio Lower Upper

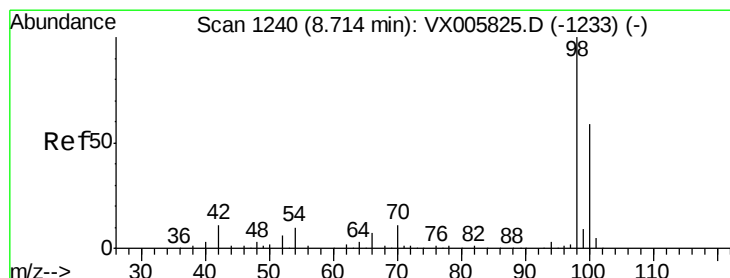
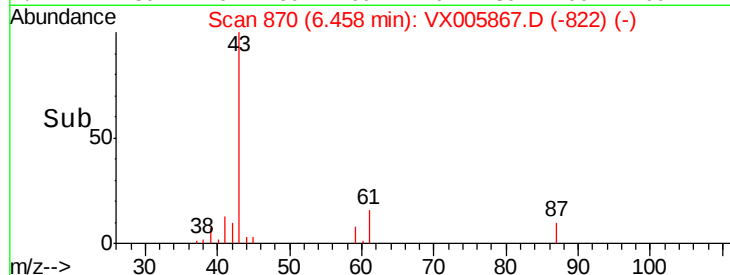
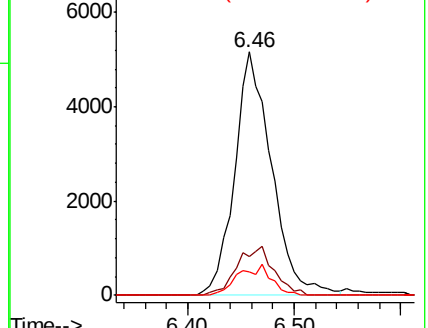
43 100

61 20.0 14.6 22.0

87 11.3 9.6 14.4



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: 57.222 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005867.D

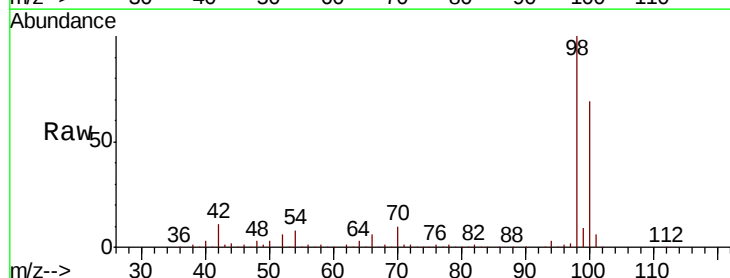
Acq: 09 Nov 2018 17:45

Tgt Ion: 98 Resp: 182681

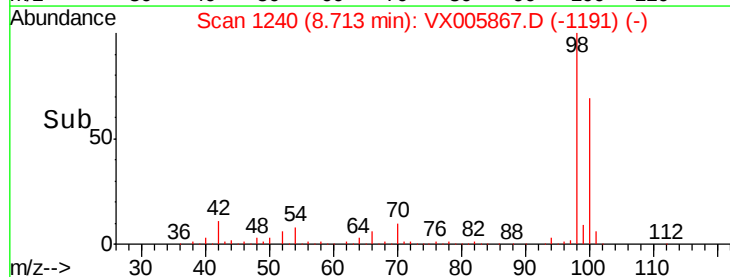
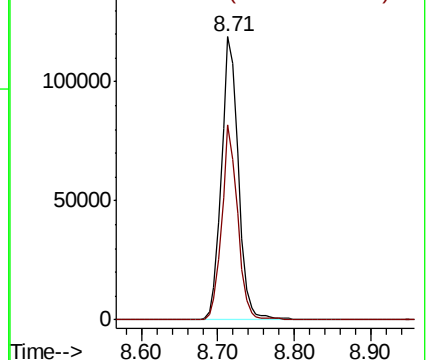
Ion Ratio Lower Upper

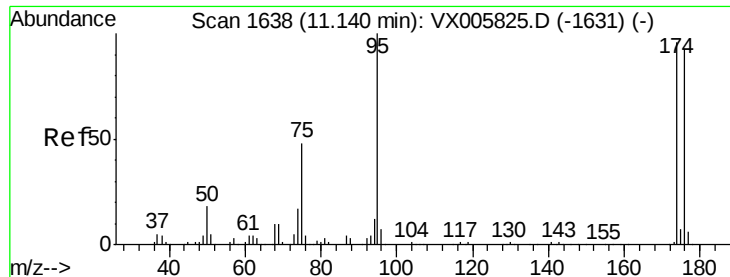
98 100

100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.689 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005867.D

Acq: 09 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

TP-8A-D

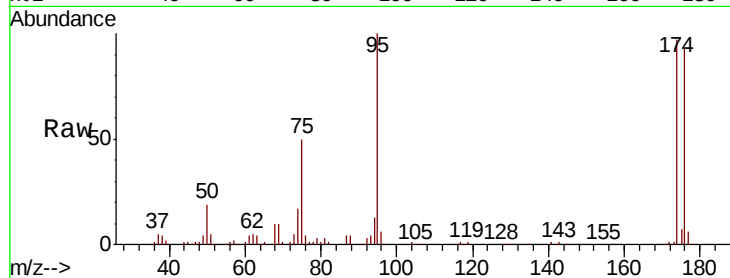
Tot Ion: 95 Resp: 59330

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

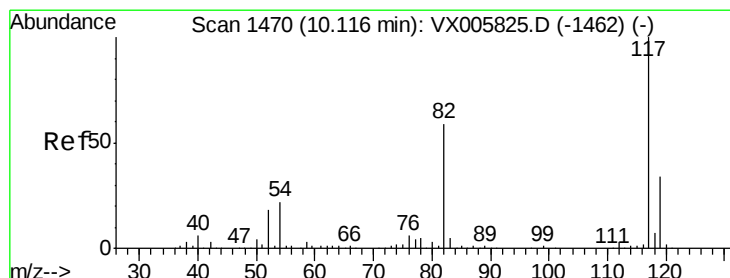
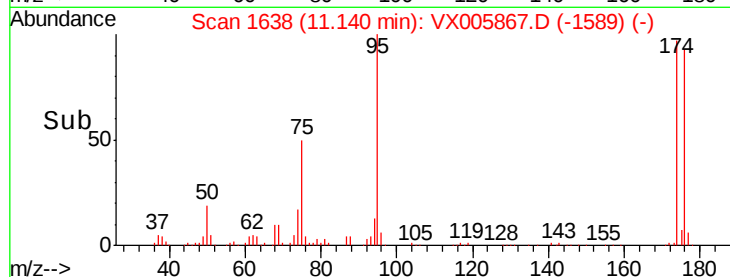
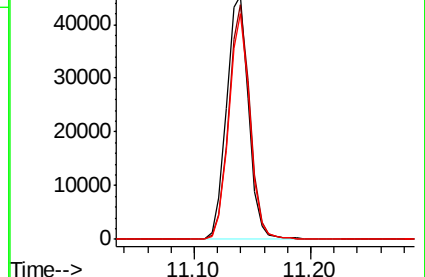
176 89.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005867.D

Acq: 09 Nov 2018 17:45

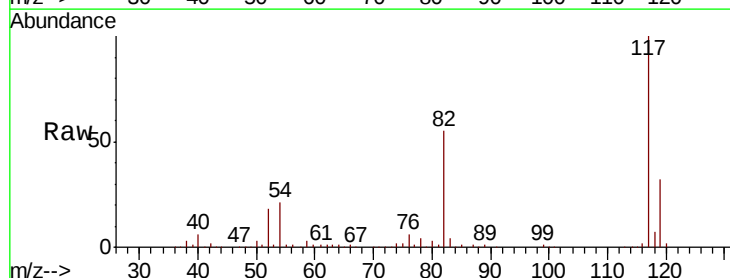
Tgt Ion: 117 Resp: 135817

Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

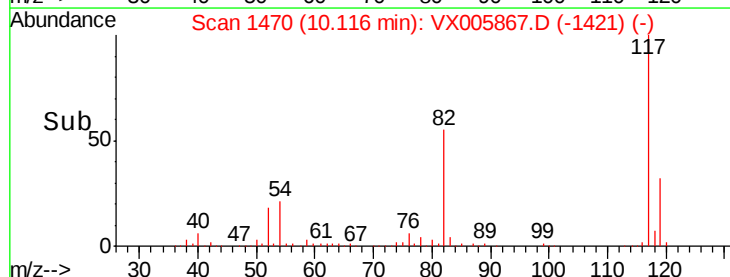
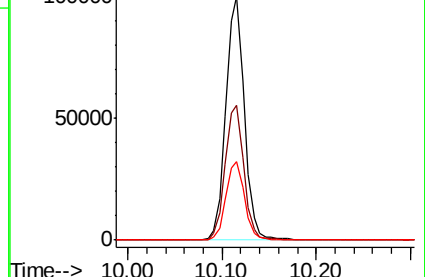
119 32.3 26.2 39.2

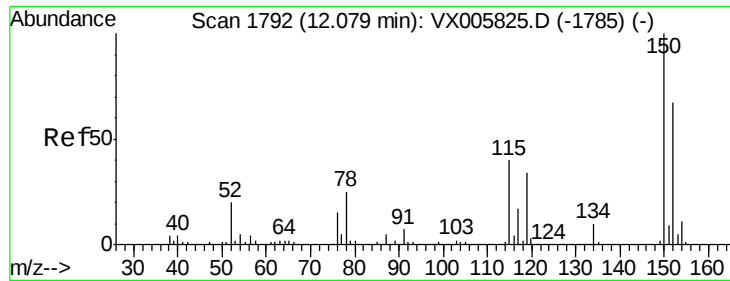


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)



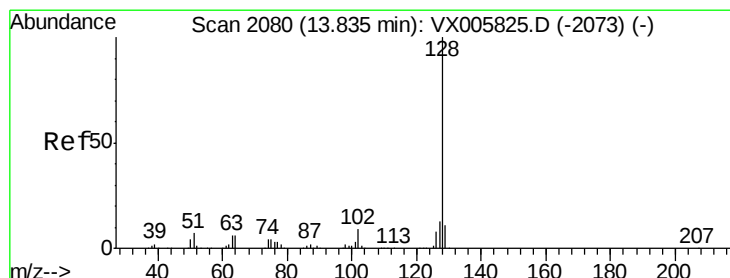
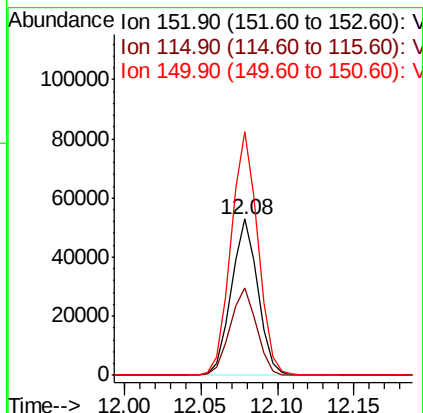
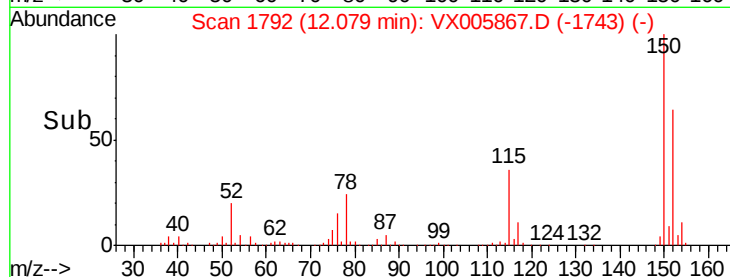
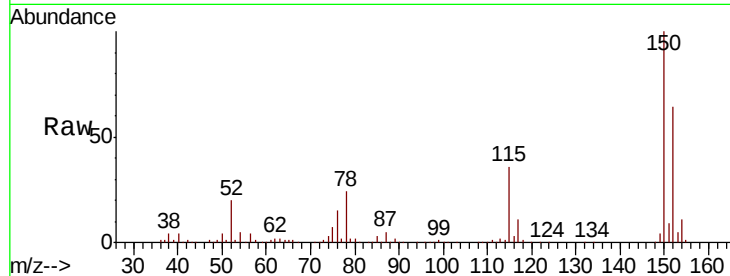


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005867.D
Acq: 09 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-D

Tot Ion:152 Resp: 63404
Ion Ratio Lower Upper
152 100
115 56.1 39.4 118.1
150 157.9 0.0 346.4



#95

Naphthalene
Concen: 2.471 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005867.D
Acq: 09 Nov 2018 17:45

Tgt Ion:128 Resp: 6045
Ion Ratio Lower Upper
128 100
127 14.4 10.4 15.6
129 11.8 8.7 13.1

