

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001613.D
 Acq On : 10 May 2018 20:22
 Operator : JC/MD
 Sample : J2836-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9B

Quant Time: May 11 07:52:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

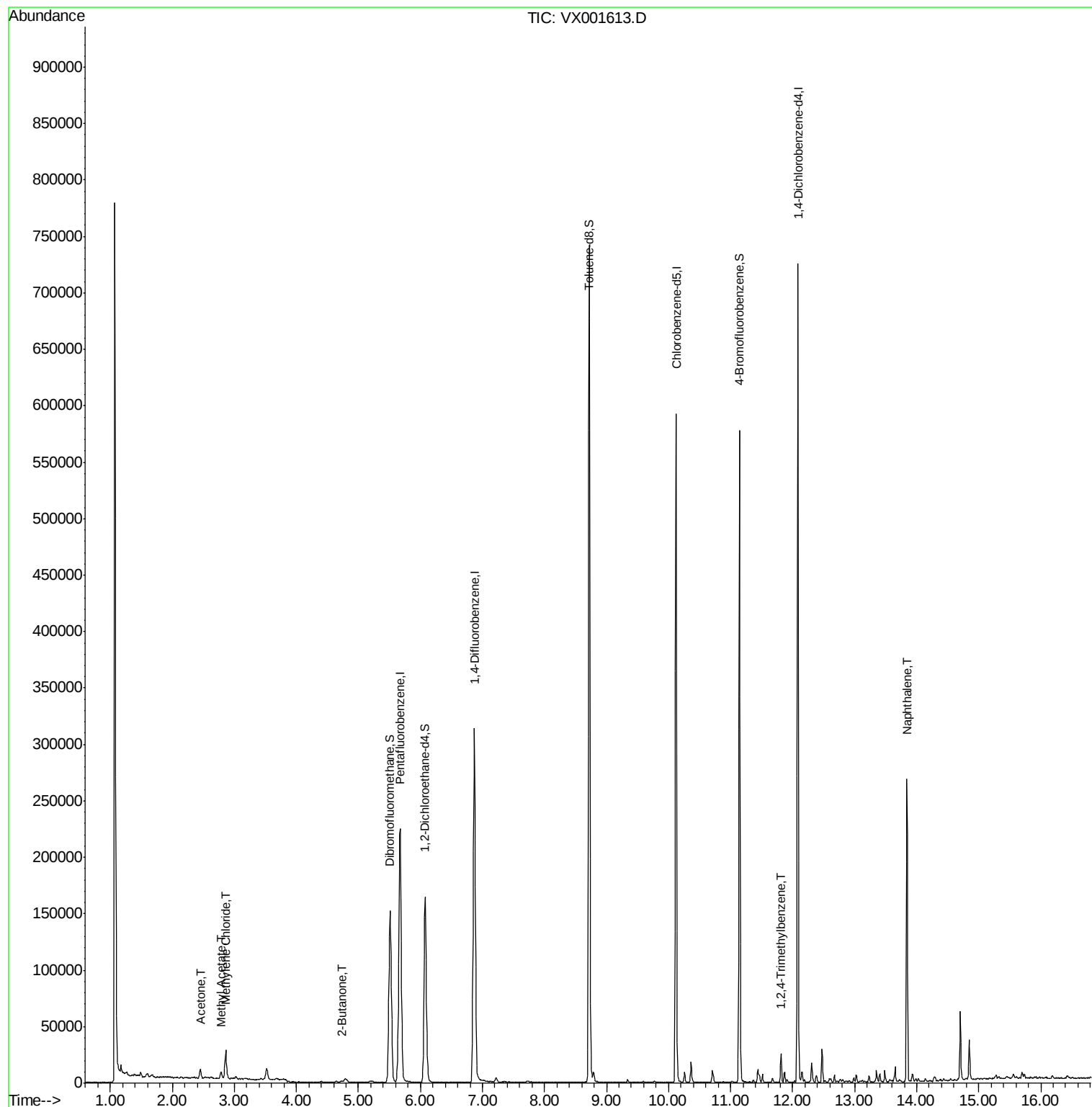
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159630	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.51	113	122566	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
50) Toluene-d8	8.72	98	440684	42.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.18%	
62) 4-Bromofluorobenzene	11.14	95	142243	35.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.62%	
Target Compounds						
16) Acetone	2.45	43	8764	5.74	ug/l	97
18) Methyl Acetate	2.79	43	6824	1.70	ug/l	98
20) Methylene Chloride	2.86	84	11772	3.89	ug/l	96
25) 2-Butanone	4.73	43	2557	1.16	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	10887	1.18	ug/l	98
95) Naphthalene	13.84	128	168185	14.62	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001613.D

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Instrument :

MSVOA_X

ClientSampleId :

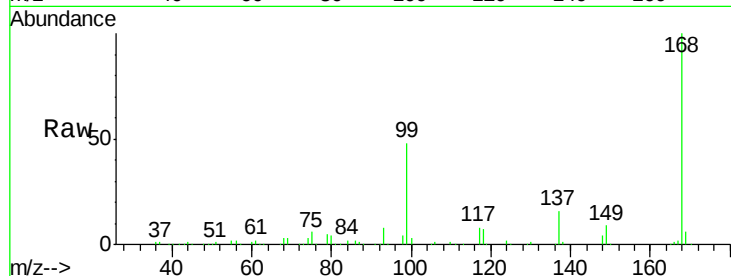
TP-9B

Tot Ion:168 Resp: 234014

Ion Ratio Lower Upper

168 100

99 47.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

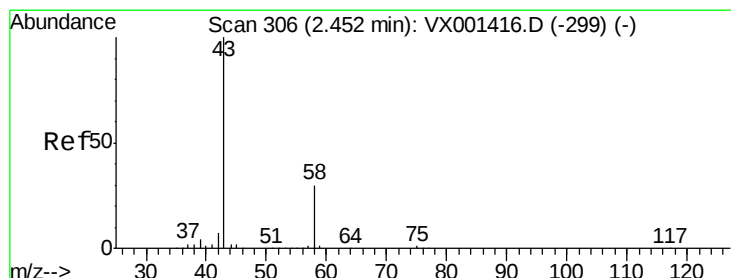
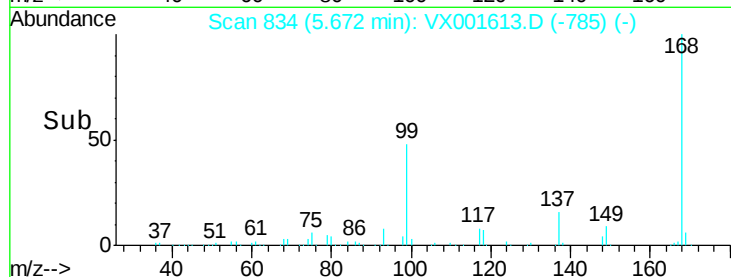
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 5.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001613.D

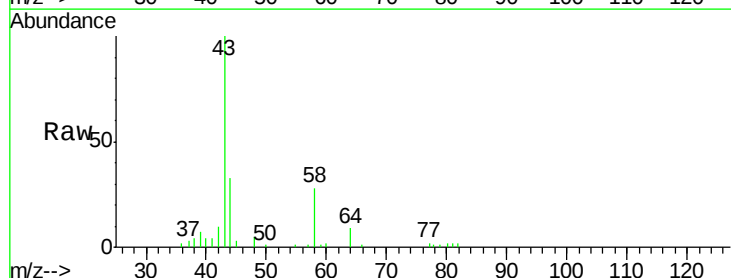
Acq: 10 May 2018 20:22

Tgt Ion: 43 Resp: 8764

Ion Ratio Lower Upper

43 100

58 28.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

3000

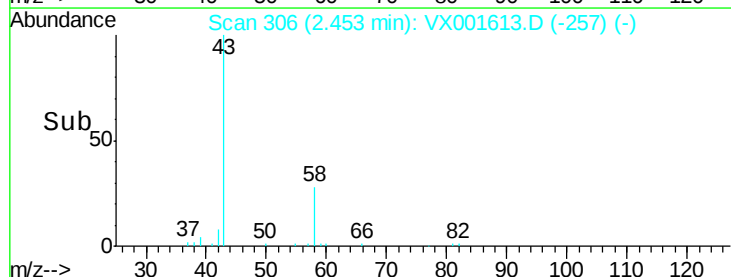
2000

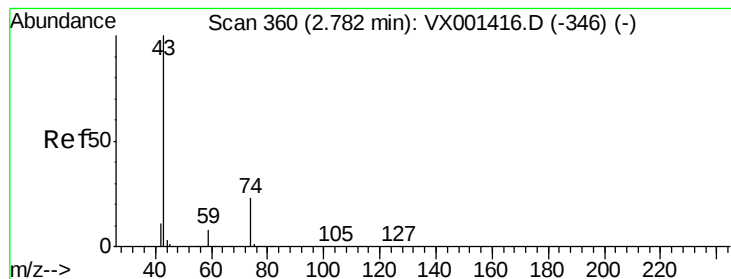
1000

0

2.40 2.45 2.50 2.55

Time-->





#18

Methyl Acetate

Concen: 1.70 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001613.D

Acq: 10 May 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

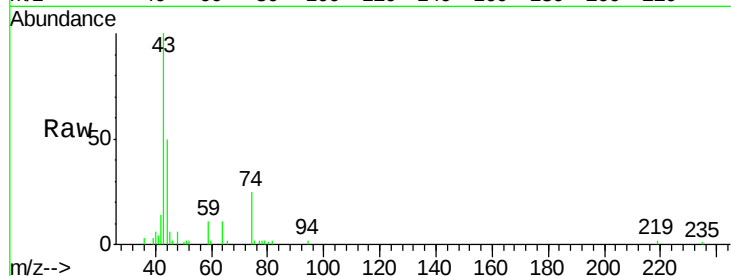
TP-9B

Tot Ion: 43 Resp: 6824

Ion Ratio Lower Upper

43 100

74 24.4 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

4000

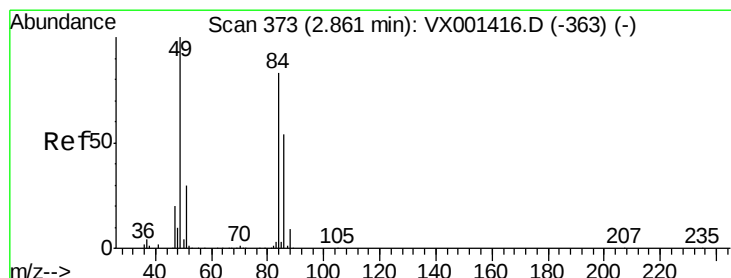
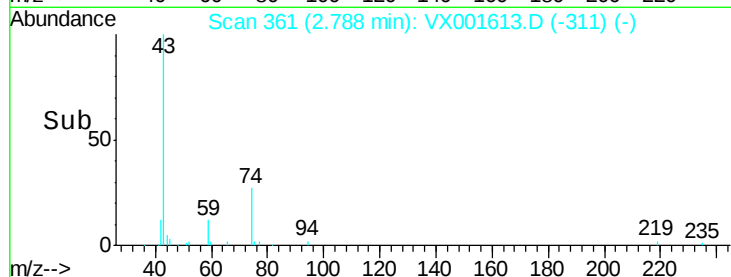
3000

2000

1000

0

Time--> 2.70 2.75 2.80 2.85



#20

Methylene Chloride

Concen: 3.89 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001613.D

Acq: 10 May 2018 20:22

Tgt Ion: 84 Resp: 11772

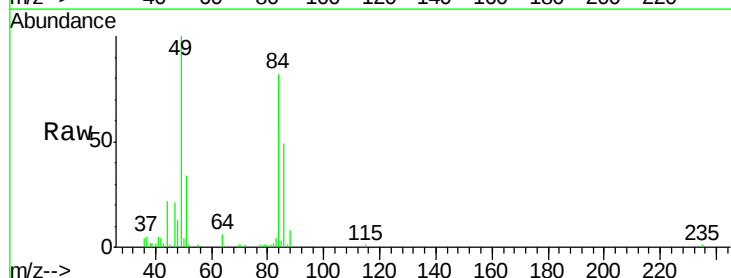
Ion Ratio Lower Upper

84 100

49 121.4 96.6 144.8

51 40.3 29.0 43.4

86 59.4 52.2 78.4



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

12000

10000

8000

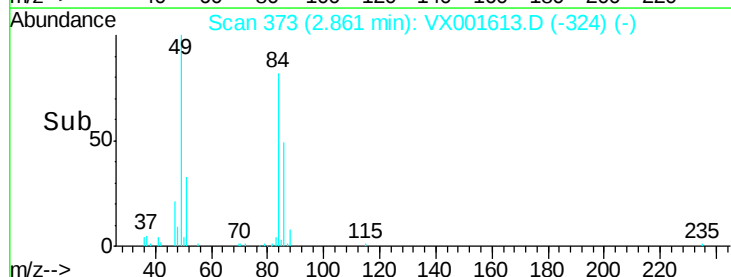
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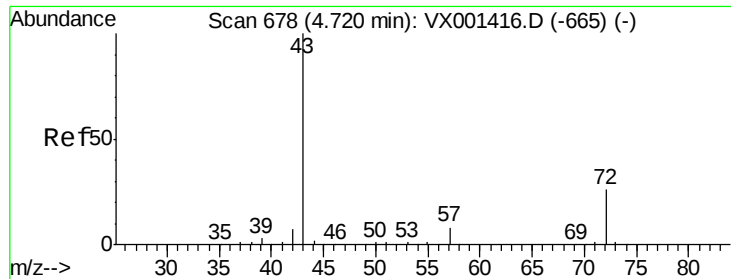
4000

2000

0

Time--> 2.80 2.85 2.90 2.95





#25

2-Butanone

Concen: 1.16 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001613.D

Acq: 10 May 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

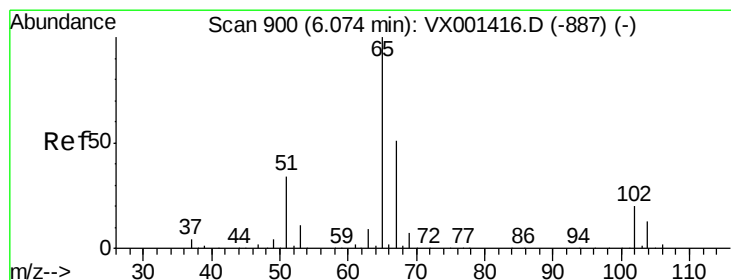
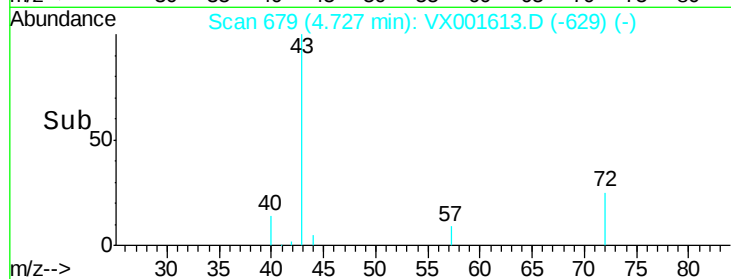
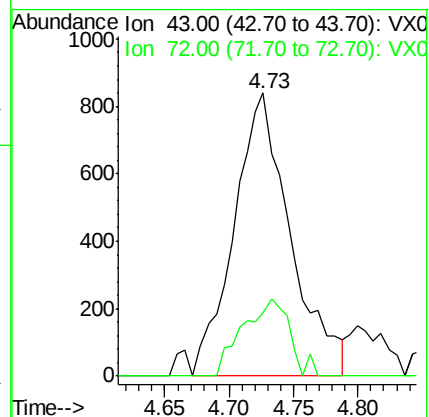
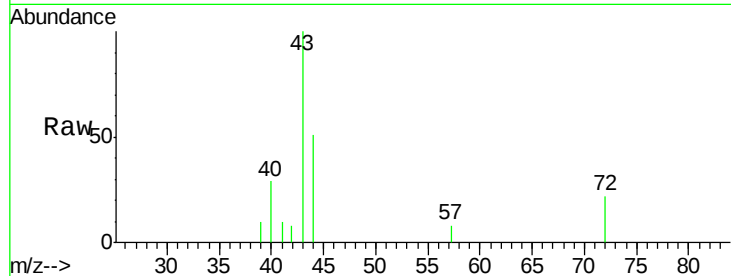
TP-9B

Tot Ion: 43 Resp: 2557

Ion Ratio Lower Upper

43 100

72 22.4 20.7 31.1



#33

1,2-Dichloroethane-d4

Concen: 47.46 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001613.D

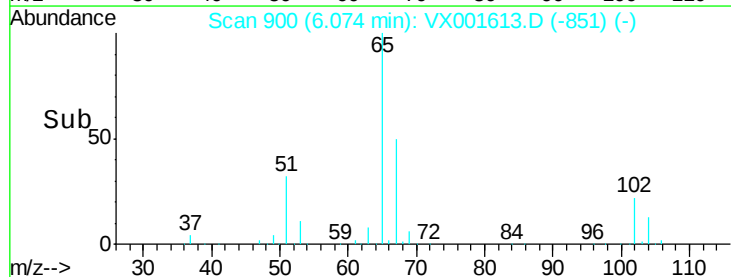
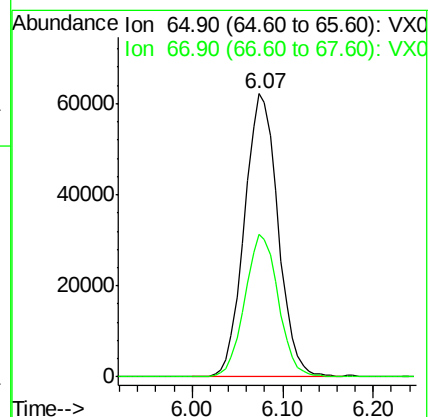
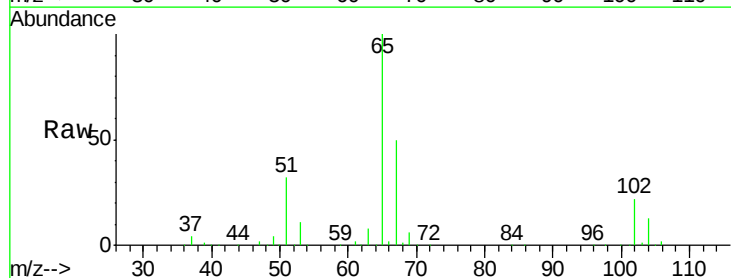
Acq: 10 May 2018 20:22

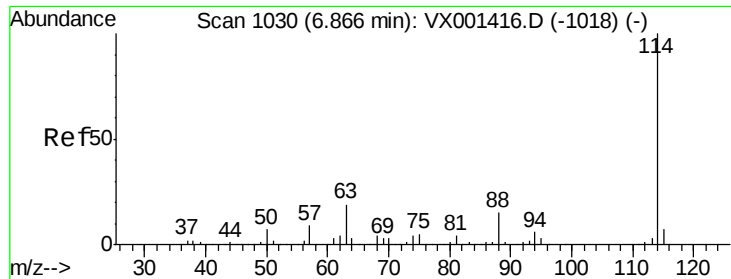
Tgt Ion: 65 Resp: 159630

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8

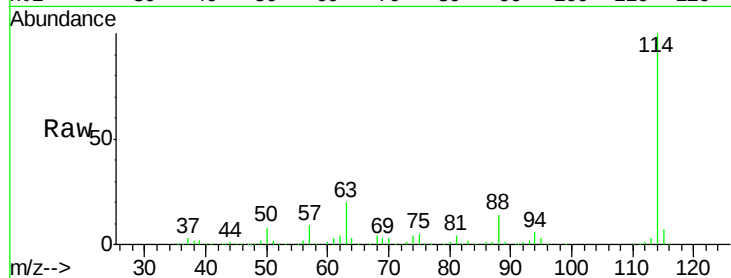




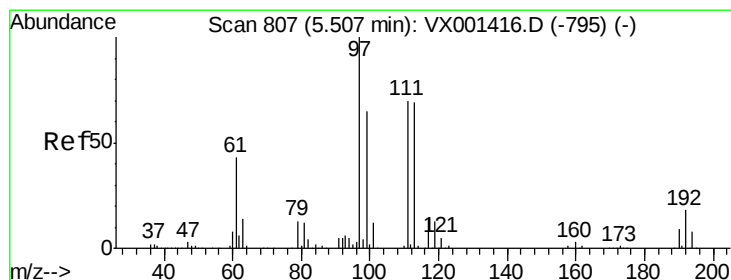
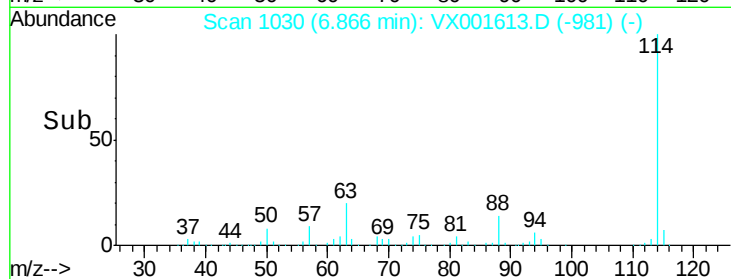
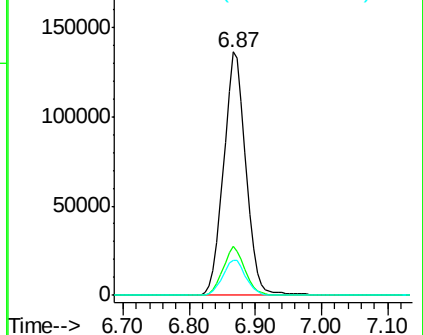
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001613.D
 Acq: 10 May 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9B

Tot Ion:114 Resp: 318662
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 14.5 0.0 30.8

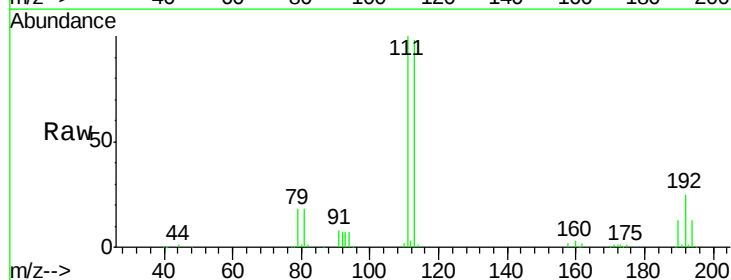


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

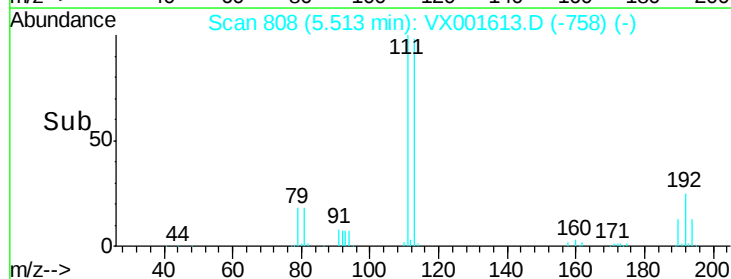
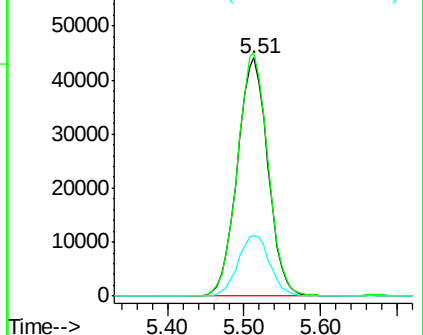


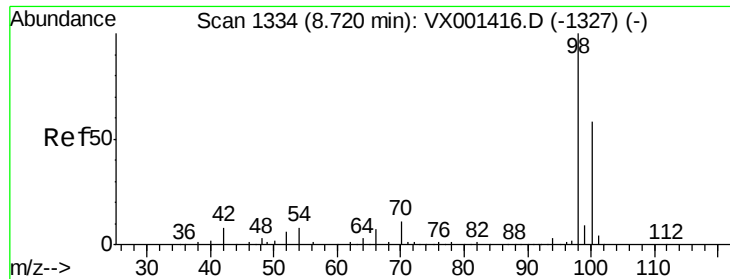
#35
 Dibromofluoromethane
 Concen: 43.24 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001613.D
 Acq: 10 May 2018 20:22

Tgt Ion:113 Resp: 122566
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 26.3 21.4 32.0



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





#50

Toluene-d8

Concen: 42.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001613.D

Acq: 10 May 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

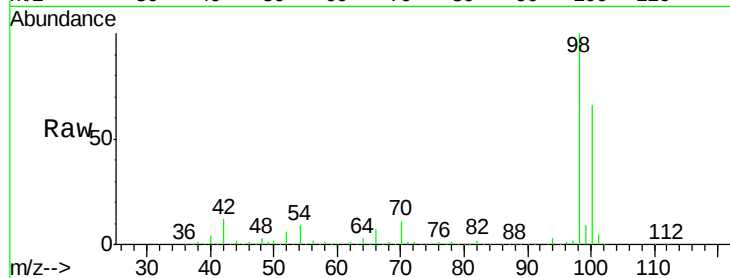
TP-9B

Tot Ion: 98 Resp: 440684

Ion Ratio Lower Upper

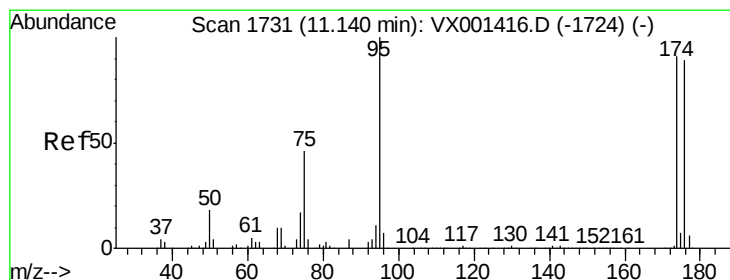
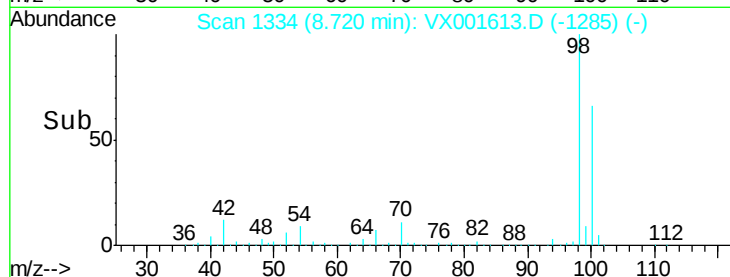
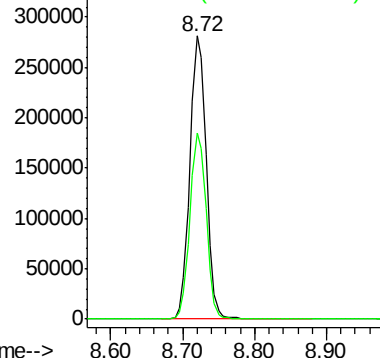
98 100

100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 35.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001613.D

Acq: 10 May 2018 20:22

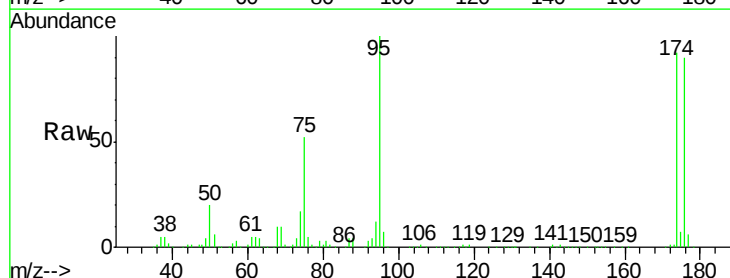
Tgt Ion: 95 Resp: 142243

Ion Ratio Lower Upper

95 100

174 102.2 0.0 202.0

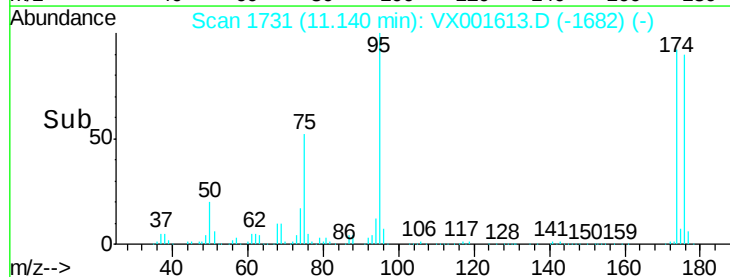
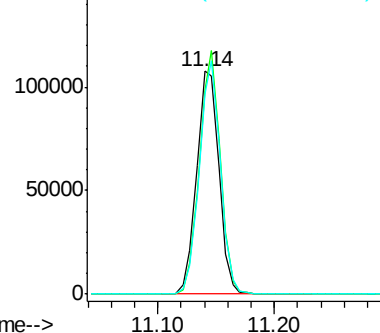
176 98.9 0.0 197.4

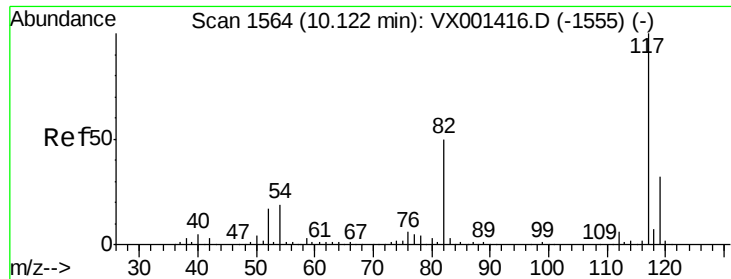


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

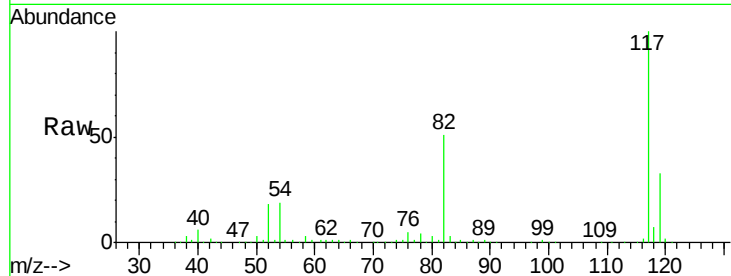




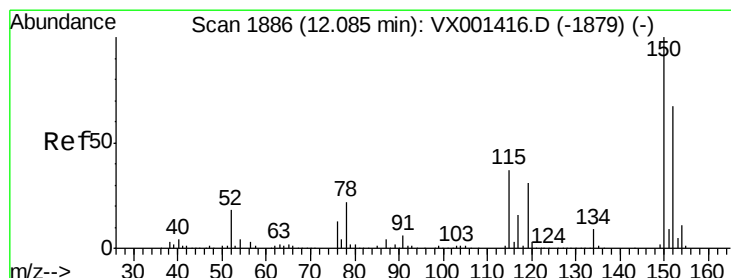
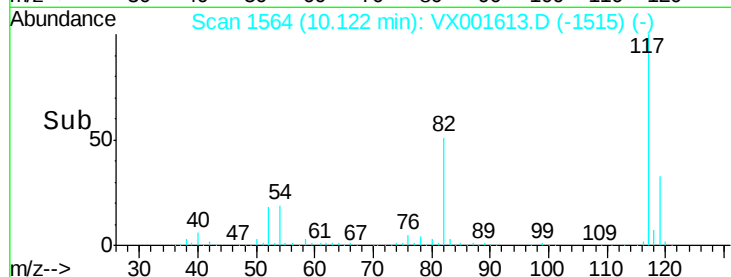
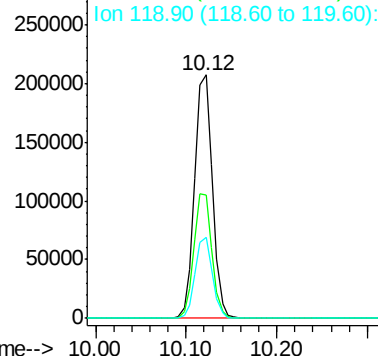
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001613.D
Acq: 10 May 2018 20:22

Instrument :
MSVOA_X
ClientSampled :
TP-9B

Tot Ion:117 Resp: 284599
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 33.0 25.8 38.8

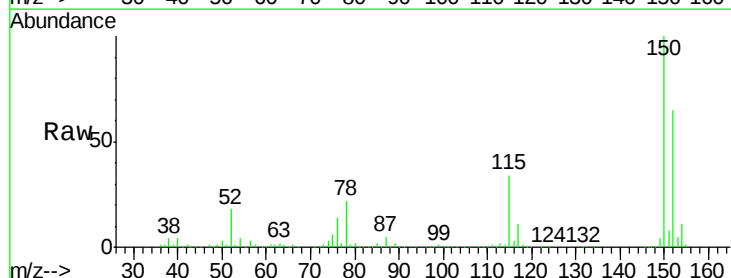


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

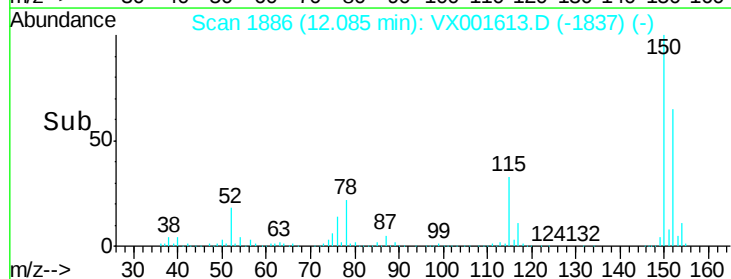
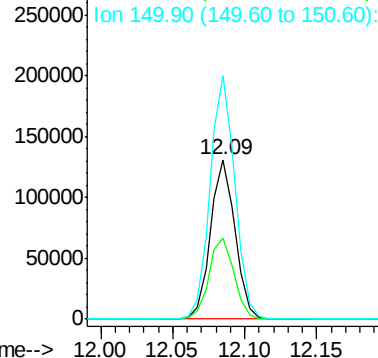


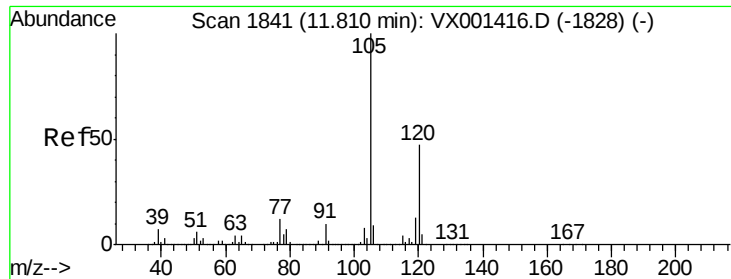
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001613.D
Acq: 10 May 2018 20:22

Tgt Ion:152 Resp: 155344
Ion Ratio Lower Upper
152 100
115 52.4 37.7 113.1
150 154.5 0.0 349.4



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

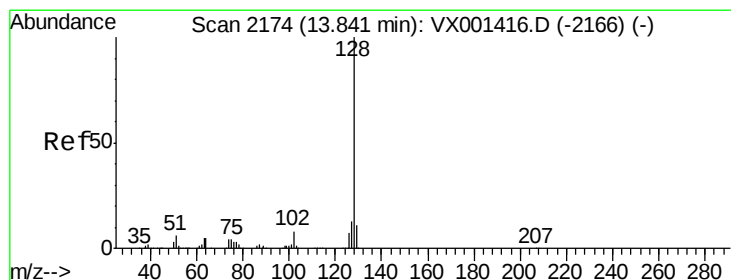
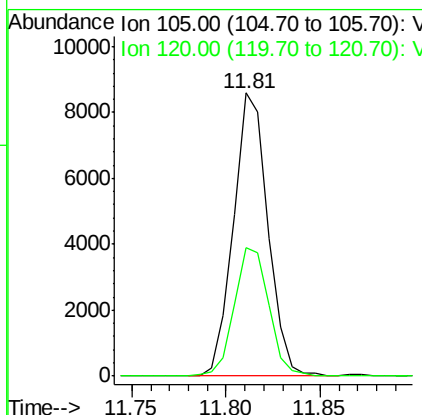
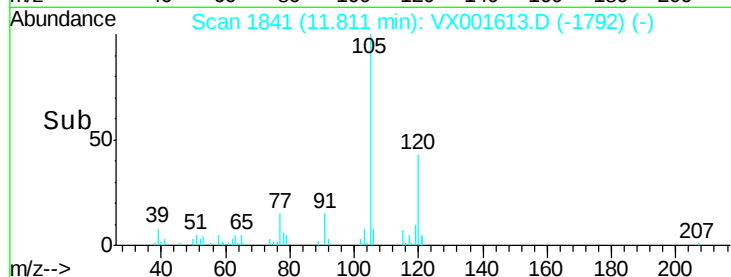
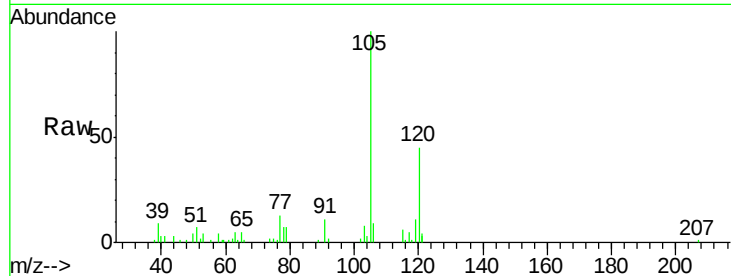




#84
 1,2,4-Trimethylbenzene
 Concen: 1.18 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001613.D
 Acq: 10 May 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9B

Tot Ion:105 Resp: 10887
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.2



#95
 Naphthalene
 Concen: 14.62 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001613.D
 Acq: 10 May 2018 20:22

Tgt Ion:128 Resp: 168185
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 11.0 8.7 13.1

