

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002074.D
 Acq On : 27 May 2018 17:45
 Operator : JC/MD
 Sample : J2679-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-03-052418-C

Quant Time: May 29 04:09:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	222546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	204947	36.63	ug/l	0.00
Spiked Amount			Recovery	=	73.26%	
35) Dibromofluoromethane	5.51	113	158257	35.98	ug/l	0.00
Spiked Amount			Recovery	=	71.96%	
50) Toluene-d8	8.72	98	628842	39.49	ug/l	0.00
Spiked Amount			Recovery	=	78.98%	
62) 4-Bromofluorobenzene	11.14	95	224389	36.01	ug/l	0.00
Spiked Amount			Recovery	=	72.02%	

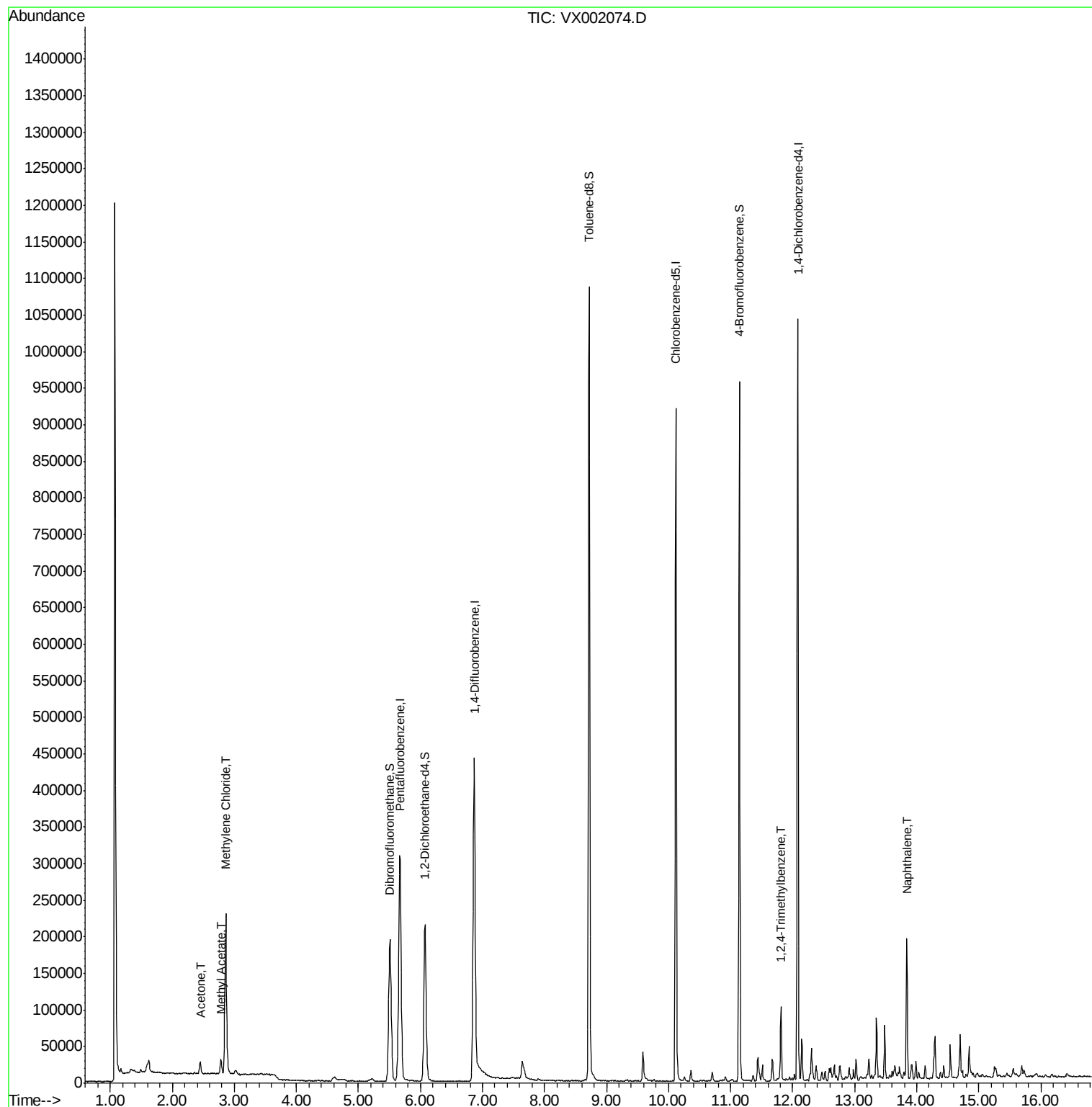
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	19057	8.83	ug/l	97
18) Methyl Acetate	2.78	43	24491	3.65	ug/l	98
20) Methylene Chloride	2.86	84	99797	25.89	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	40618	2.44	ug/l	98
95) Naphthalene	13.84	128	116804	5.81	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
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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: VX002074.D

Acq: 27 May 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

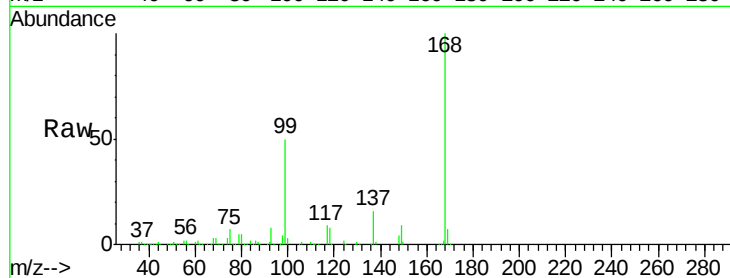
EO-03-052418-C

Tot Ion:168 Resp: 313013

Ion Ratio Lower Upper

168 100

99 50.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

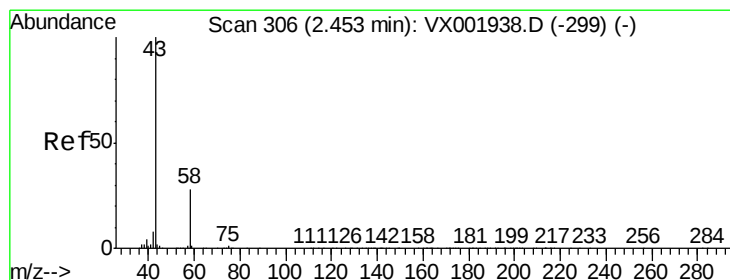
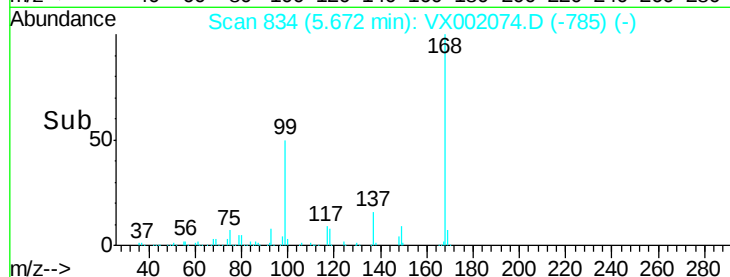
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 8.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002074.D

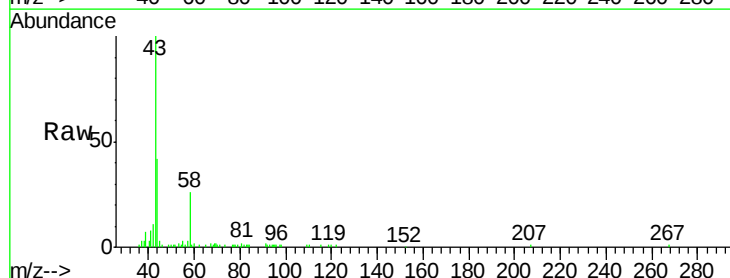
Acq: 27 May 2018 17:45

Tgt Ion: 43 Resp: 19057

Ion Ratio Lower Upper

43 100

58 26.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

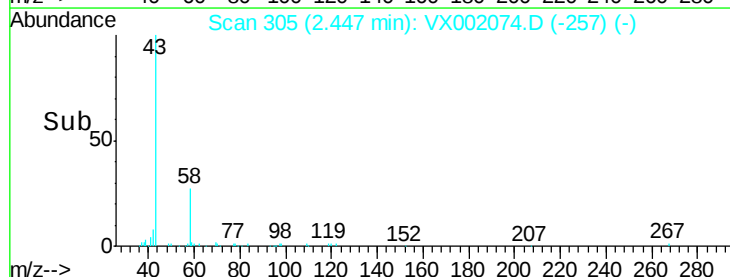
6000

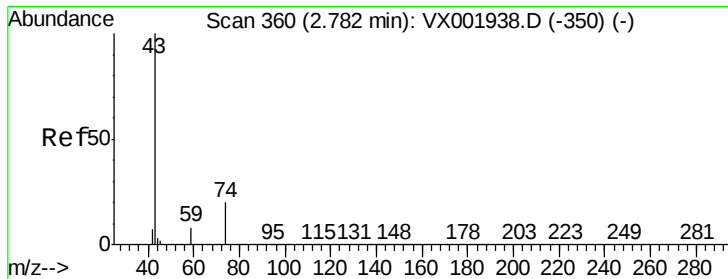
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

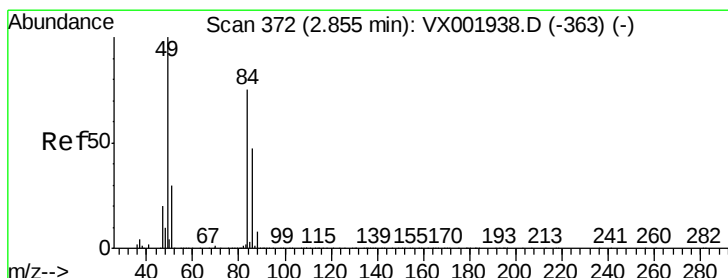
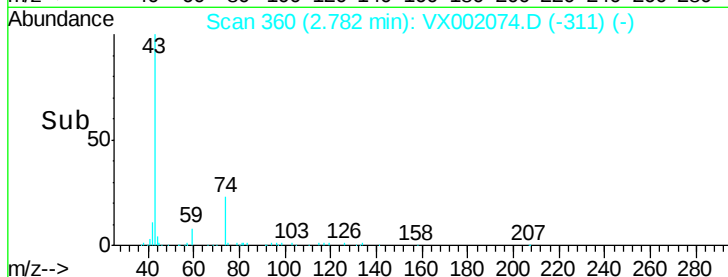
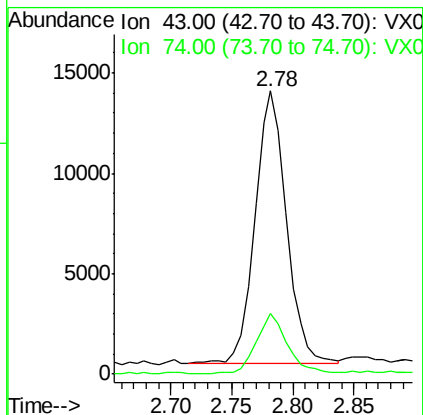
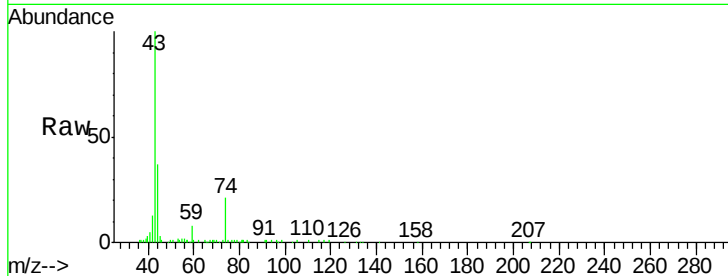




#18
Methvl Acetate
Concen: 3.65 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002074.D
Acq: 27 May 2018 17:45

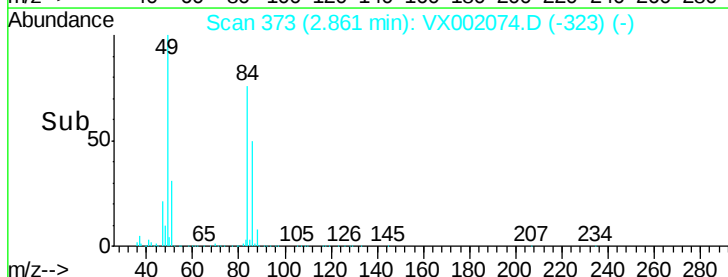
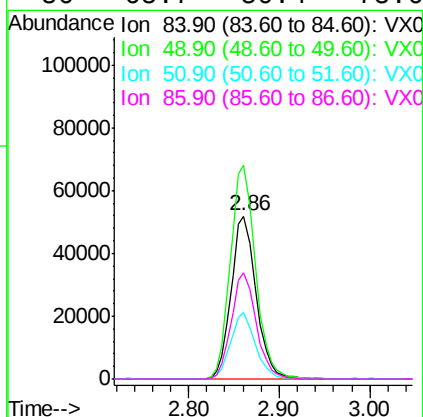
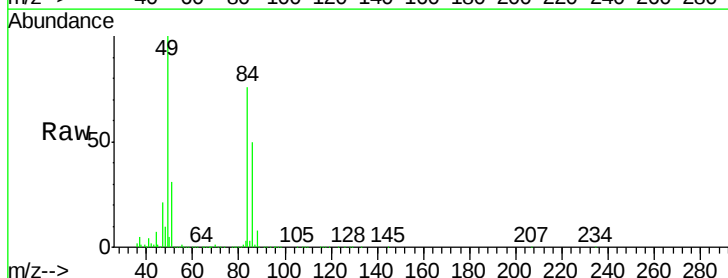
Instrument :
MSVOA_X
ClientSampleId :
EO-03-052418-C

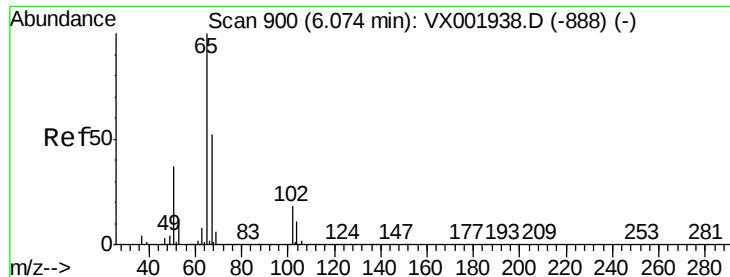
Tot Ion: 43 Resp: 24491
Ion Ratio Lower Upper
43 100
74 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 25.89 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002074.D
Acq: 27 May 2018 17:45

Tgt Ion: 84 Resp: 99797
Ion Ratio Lower Upper
84 100
49 131.3 107.2 160.8
51 40.7 32.4 48.6
86 65.7 50.4 75.6

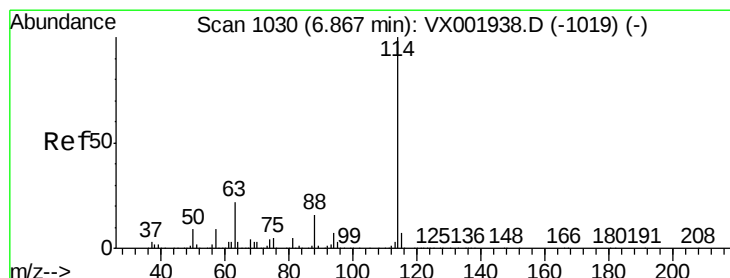
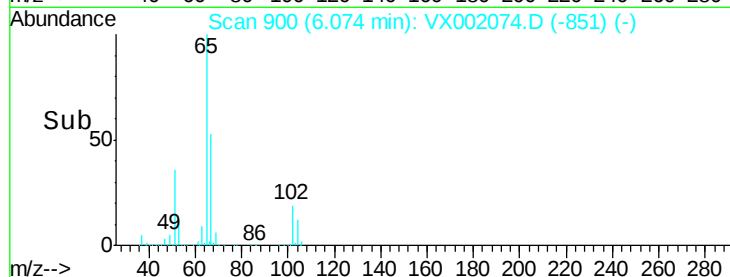
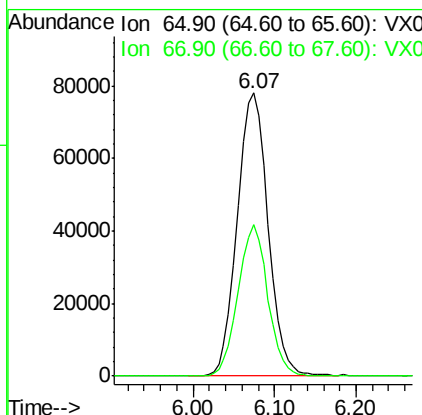
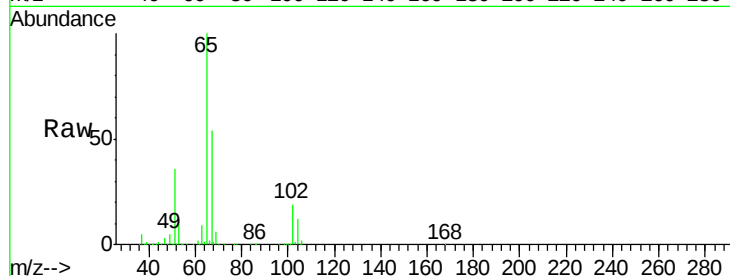




#33
 1,2-Dichloroethane-d4
 Concen: 36.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002074.D
 Acq: 27 May 2018 17:45

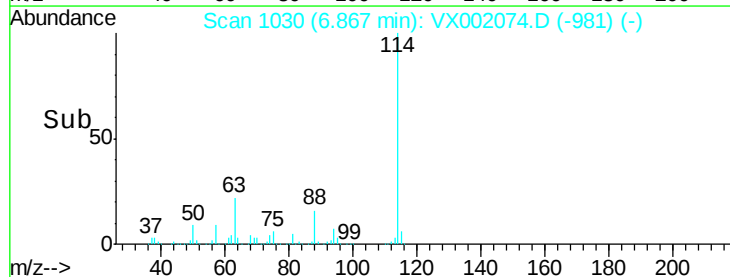
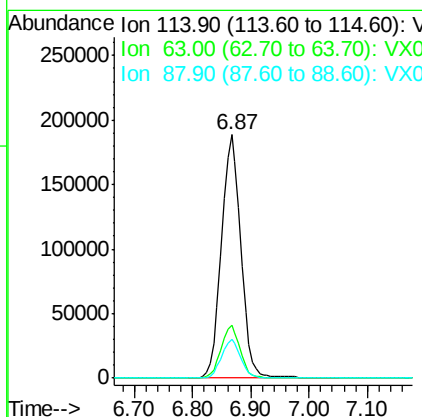
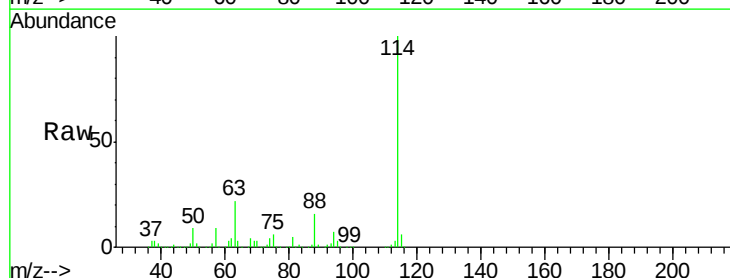
Instrument :
 MSVOA_X
 ClientSampleId :
 EO-03-052418-C

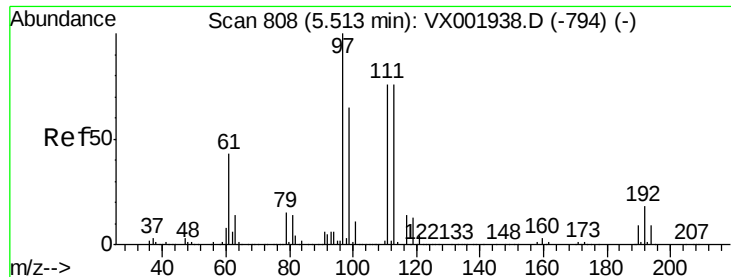
Tot Ion: 65 Resp: 204947
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002074.D
 Acq: 27 May 2018 17:45

Tgt Ion: 114 Resp: 439875
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 35.98 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002074.D

Acq: 27 May 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

EO-03-052418-C

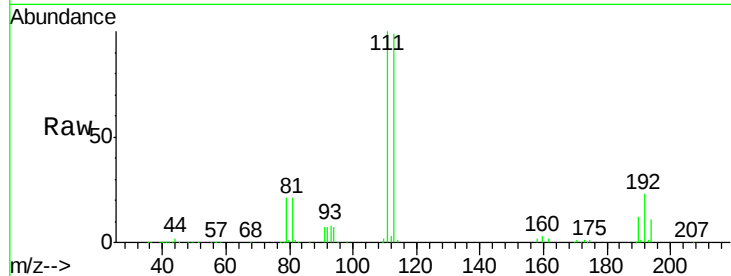
Tot Ion:113 Resp: 158257

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

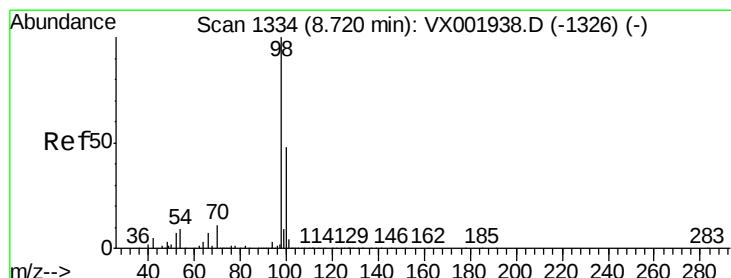
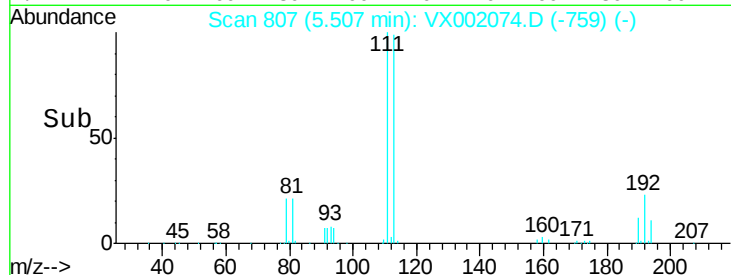
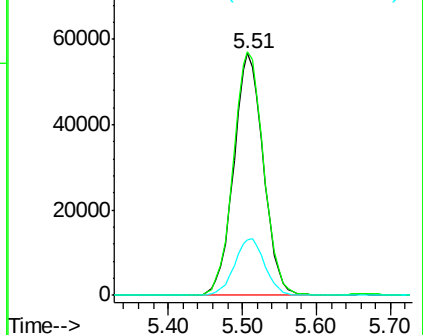
192 23.8 18.9 28.3



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: 39.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002074.D

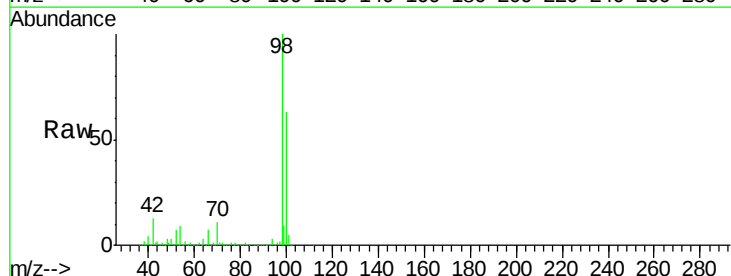
Acq: 27 May 2018 17:45

Tgt Ion: 98 Resp: 628842

Ion Ratio Lower Upper

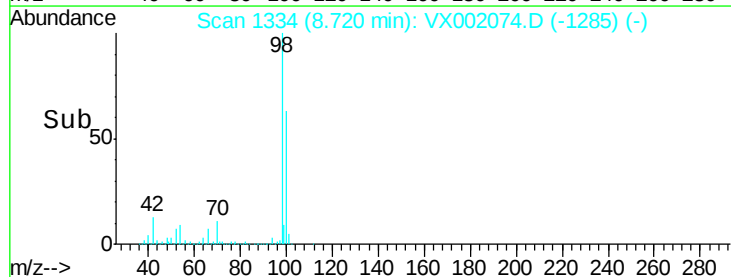
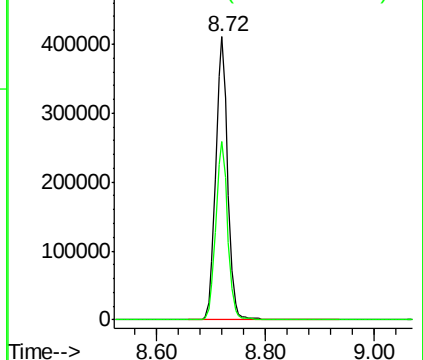
98 100

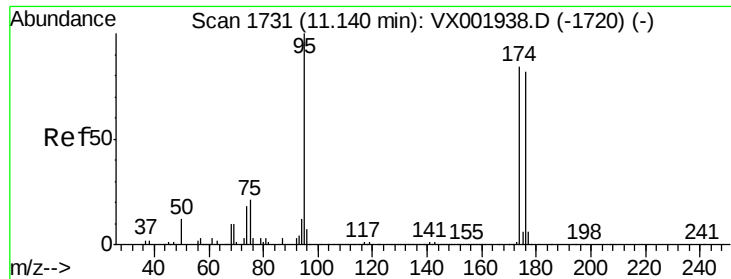
100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 36.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002074.D

Acq: 27 May 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

EO-03-052418-C

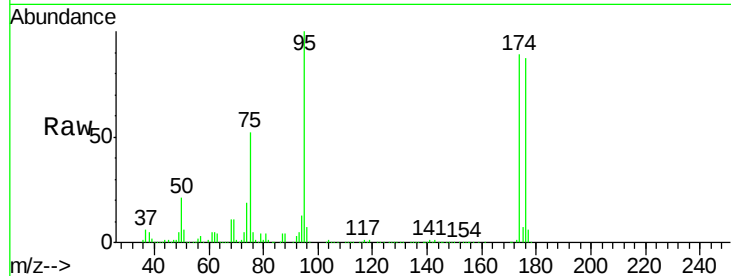
Tot Ion: 95 Resp: 224389

Ion Ratio Lower Upper

95 100

174 93.1 0.0 178.8

176 90.1 0.0 175.6

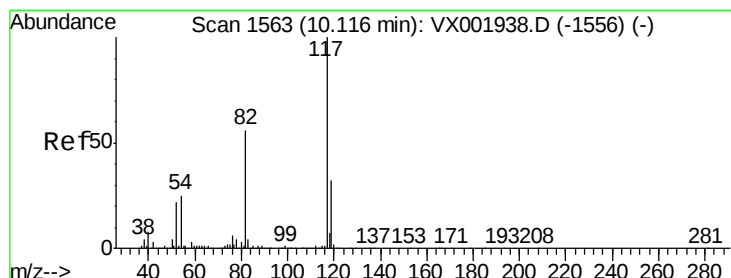
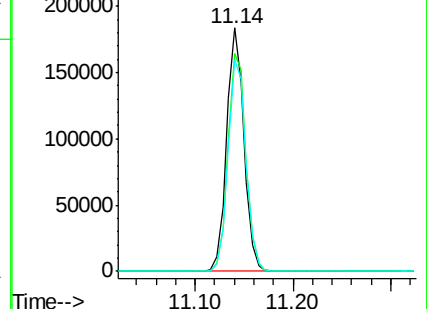
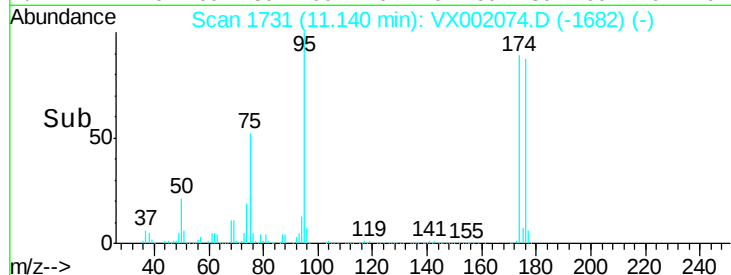


Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002074.D

Acq: 27 May 2018 17:45

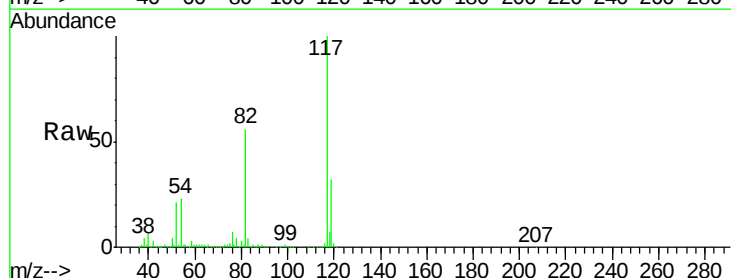
Tgt Ion: 117 Resp: 397416

Ion Ratio Lower Upper

117 100

82 56.1 44.8 67.2

119 32.2 25.5 38.3

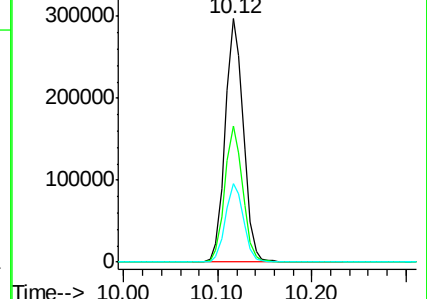
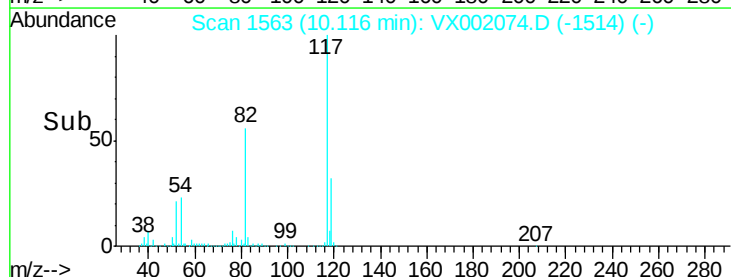


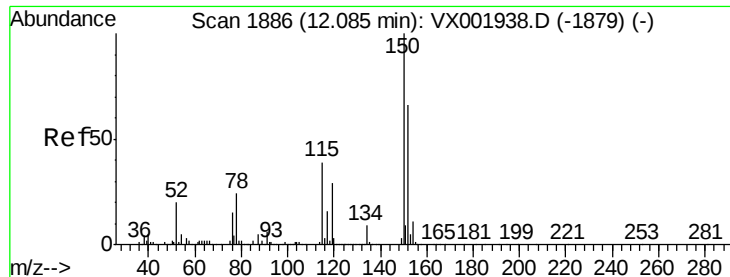
Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002074.D

Acq: 27 May 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

EO-03-052418-C

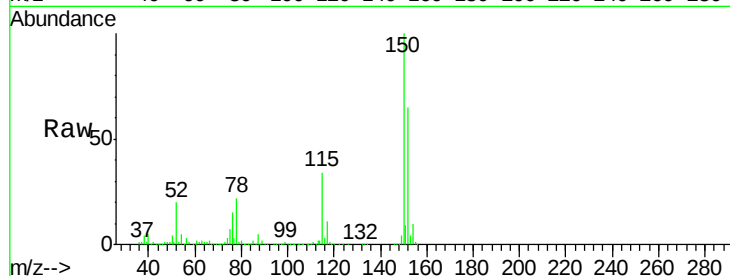
Tot Ion:152 Resp: 222546

Ion Ratio Lower Upper

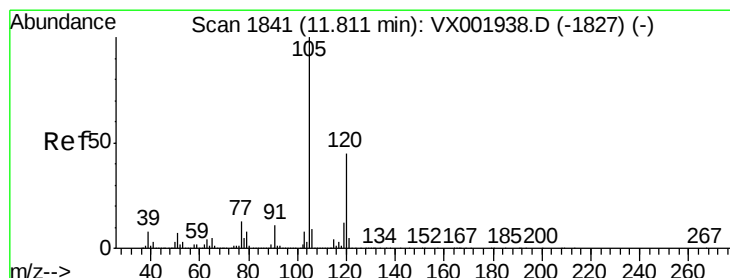
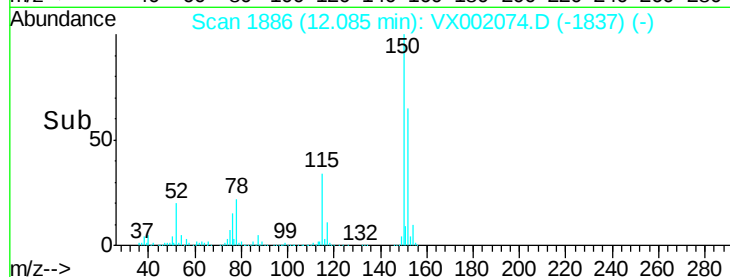
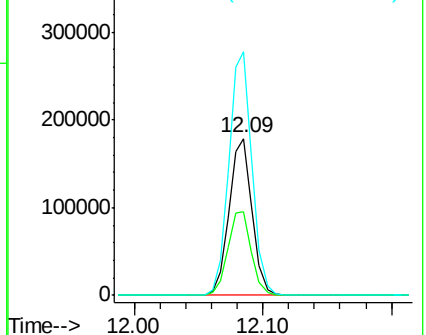
152 100

115 54.6 42.3 126.8

150 156.4 0.0 351.0



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: 2.44 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002074.D

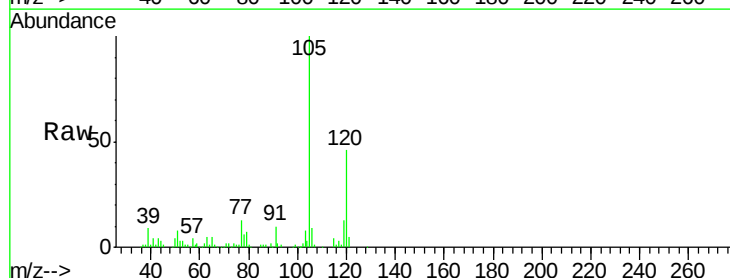
Acq: 27 May 2018 17:45

Tgt Ion:105 Resp: 40618

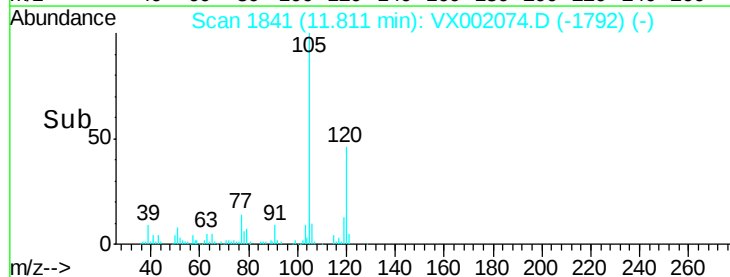
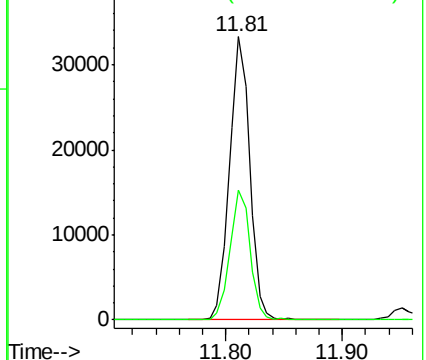
Ion Ratio Lower Upper

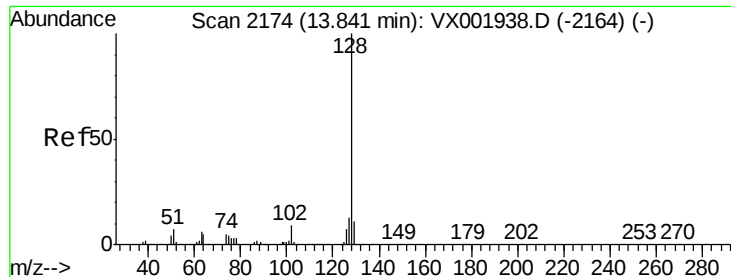
105 100

120 45.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

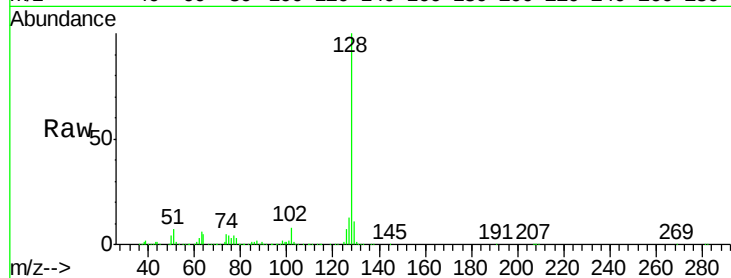




#95
Naphthalene
Concen: 5.81 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002074.D
Acq: 27 May 2018 17:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.0	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

