

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001949.D
 Acq On : 24 May 2018 18:56
 Operator : JC/MD
 Sample : J2669-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-052218

Quant Time: May 25 04:05:00 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

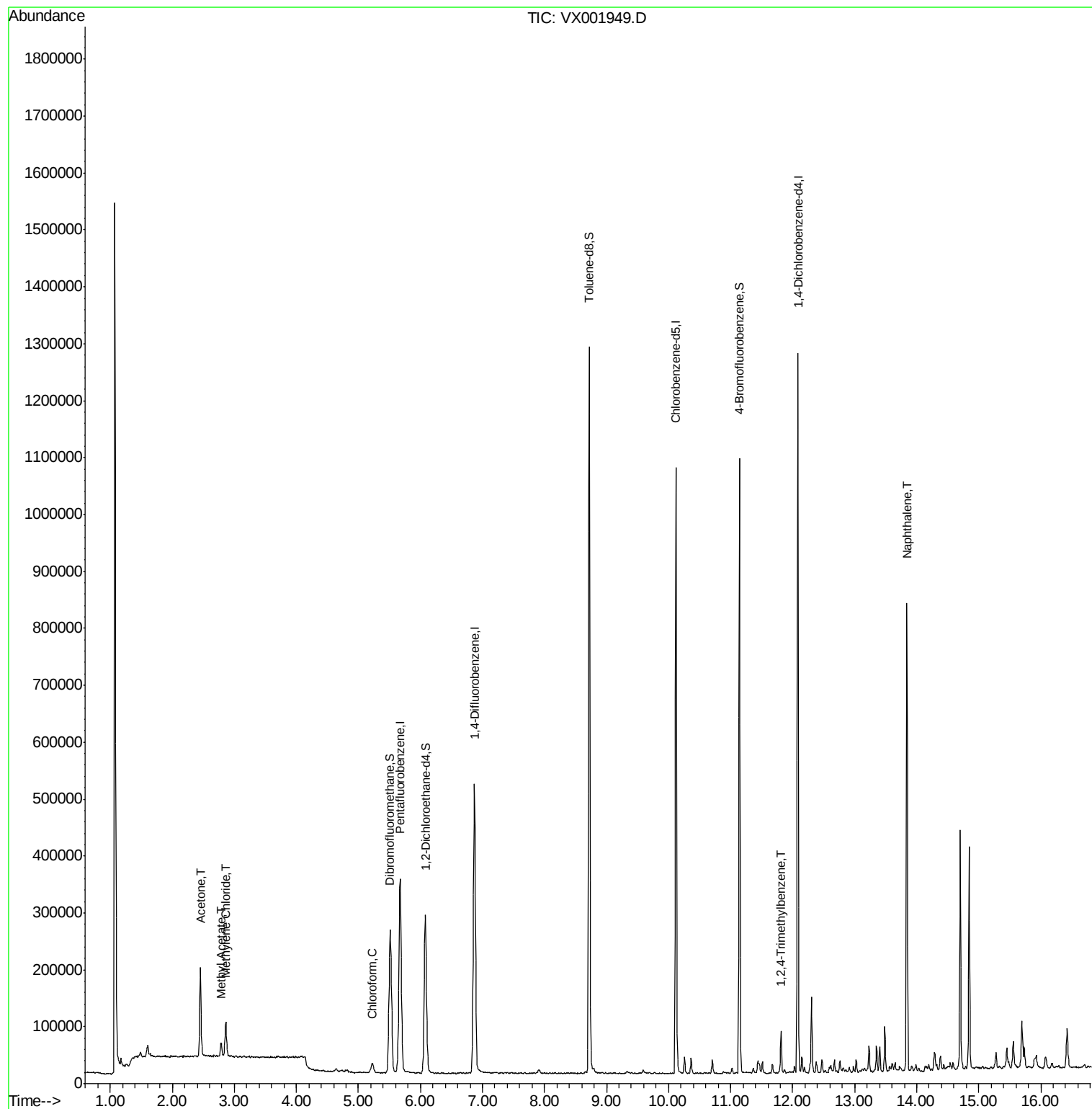
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	513156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	473401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	256303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	264013	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	
35) Dibromofluoromethane	5.51	113	206159	40.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.34%	
50) Toluene-d8	8.72	98	737428	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.38%	
62) 4-Bromofluorobenzene	11.14	95	272948	37.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.10%	
Target Compounds						
16) Acetone	2.45	43	165972	70.17	ug/l	99
18) Methyl Acetate	2.79	43	30466	4.31	ug/l	93
20) Methylene Chloride	2.86	84	28680	5.52	ug/l	99
30) Chloroform	5.23	83	18424	2.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	30516	1.59	ug/l	97
95) Naphthalene	13.84	128	490576	21.19	ug/l	100

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001949.D

Acq: 24 May 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

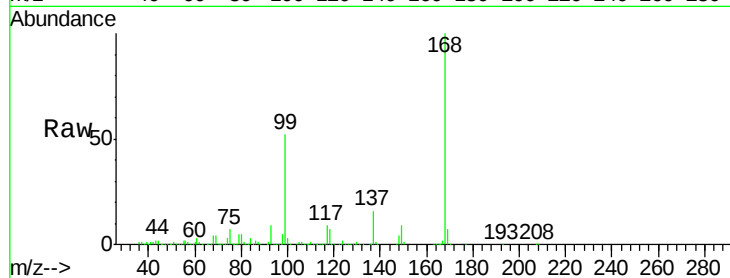
SU-02-052218

Tot Ion:168 Resp: 342871

Ion Ratio Lower Upper

168 100

99 51.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

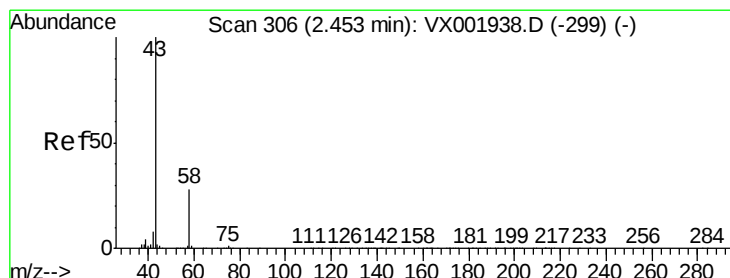
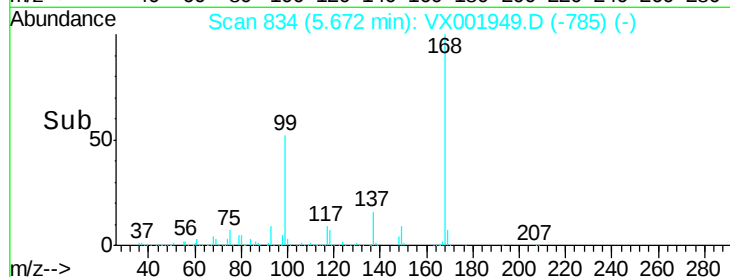
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 70.17 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001949.D

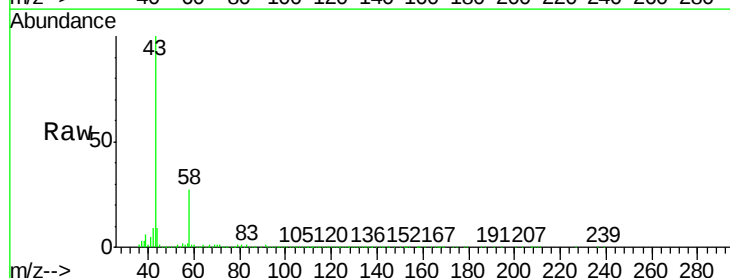
Acq: 24 May 2018 18:56

Tgt Ion: 43 Resp: 165972

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

120000

100000

80000

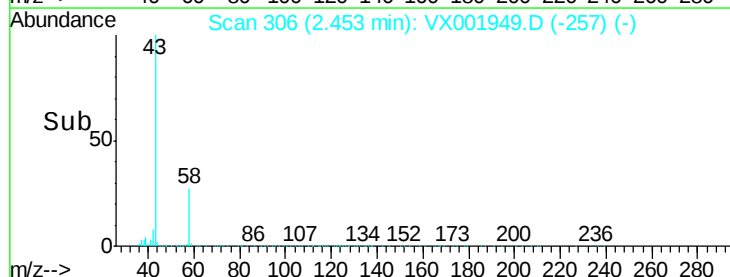
60000

40000

20000

0

Time--> 2.35 2.40 2.45 2.50 2.55

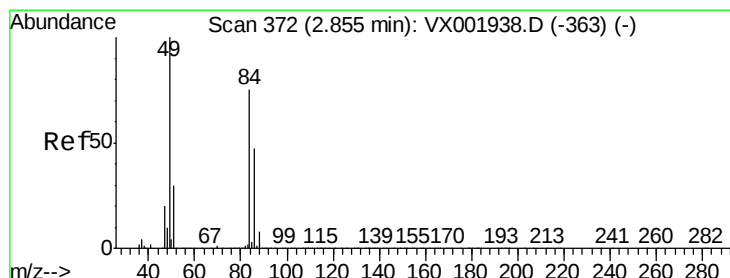
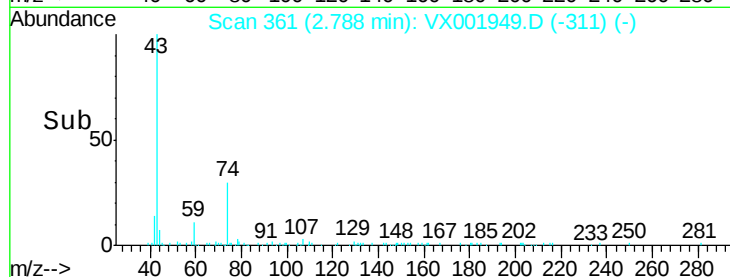
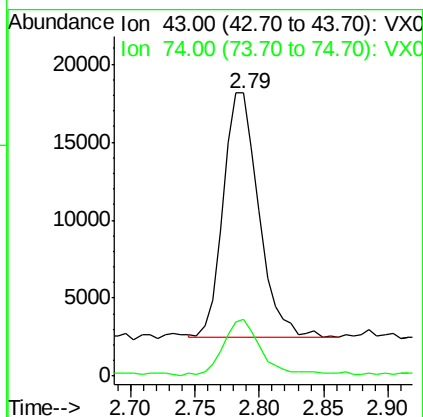
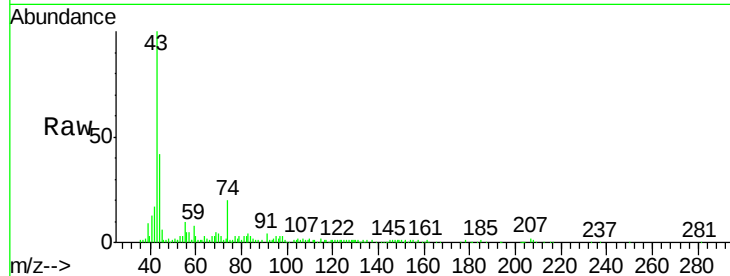




#18
Methyl Acetate
Concen: 4.31 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001949.D
Acq: 24 May 2018 18:56

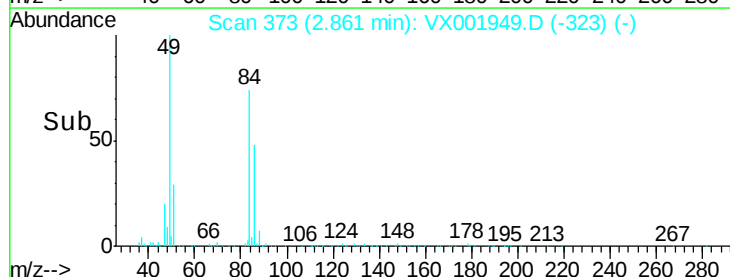
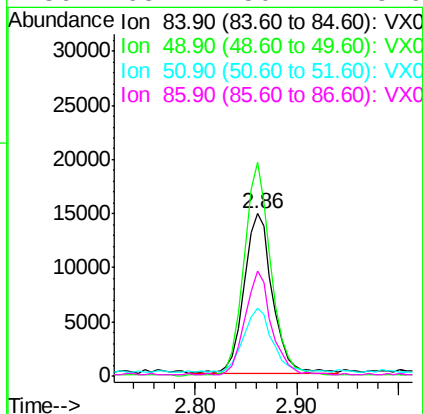
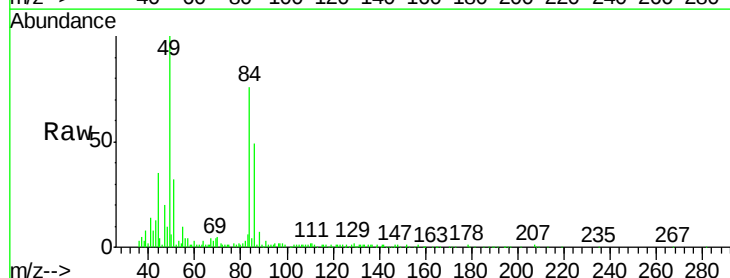
Instrument :
MSVOA_X
ClientSampleId :
SU-02-052218

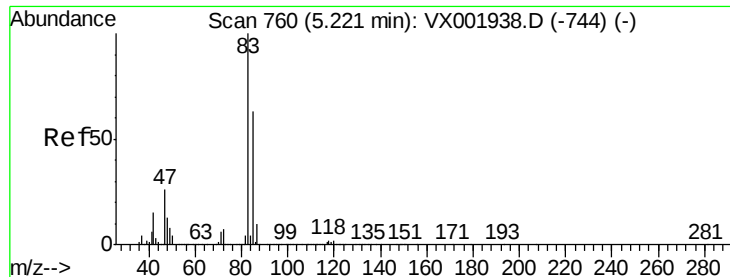
Tot Ion: 43 Resp: 30466
Ion Ratio Lower Upper
43 100
74 24.3 16.8 25.2



#20
Methylene Chloride
Concen: 5.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001949.D
Acq: 24 May 2018 18:56

Tgt Ion: 84 Resp: 28680
Ion Ratio Lower Upper
84 100
49 133.1 107.2 160.8
51 39.9 32.4 48.6
86 65.2 50.4 75.6





#30

Chloroform

Concen: 2.02 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001949.D

Acq: 24 May 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

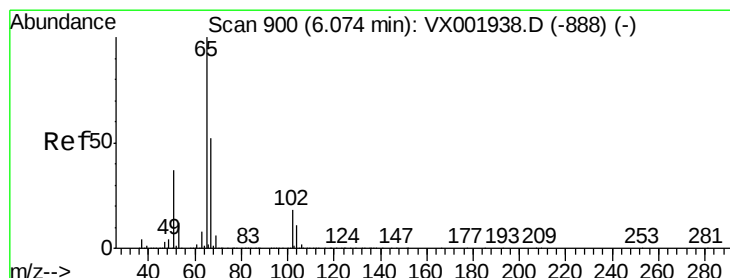
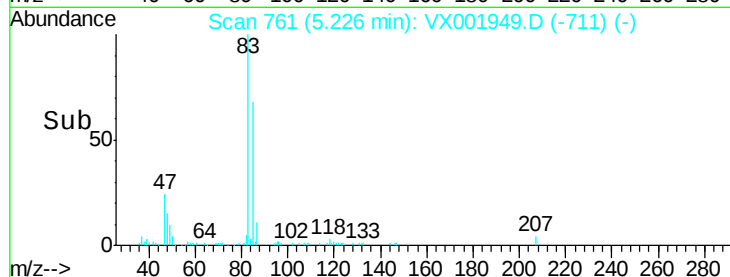
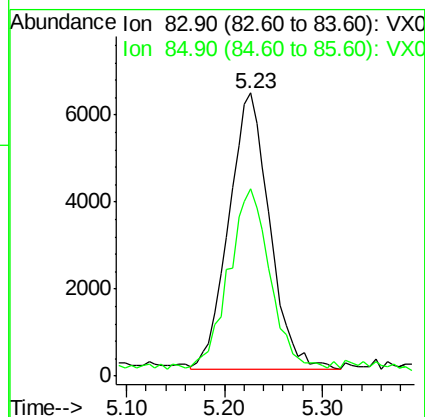
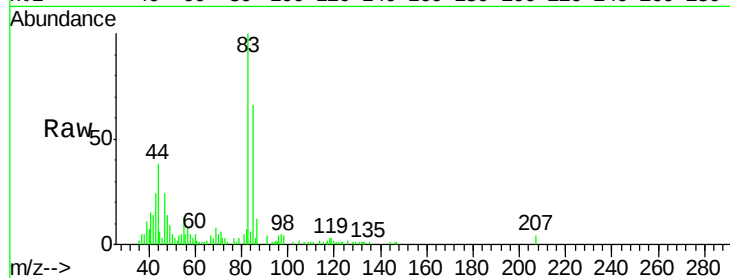
SU-02-052218

Tot Ion: 83 Resp: 18424

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3



#33

1,2-Dichloroethane-d4

Concen: 43.08 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001949.D

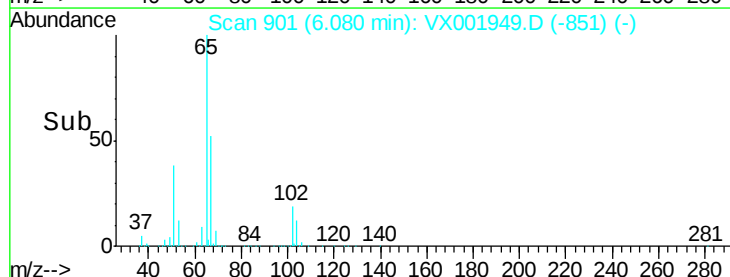
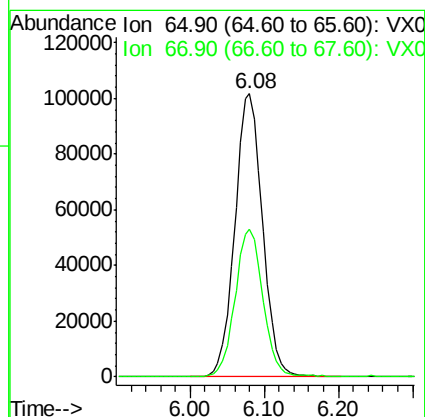
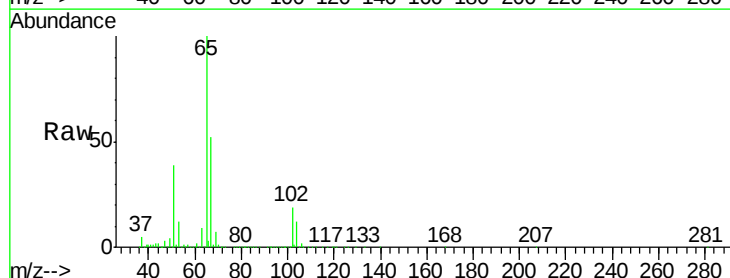
Acq: 24 May 2018 18:56

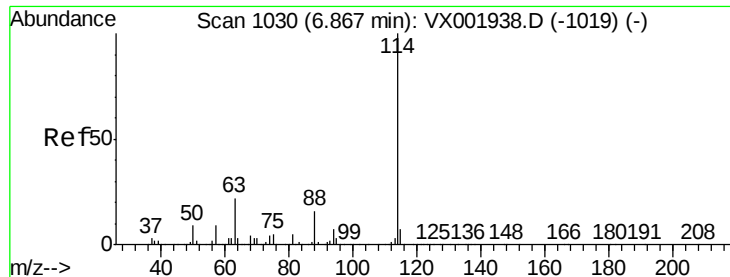
Tgt Ion: 65 Resp: 264013

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0

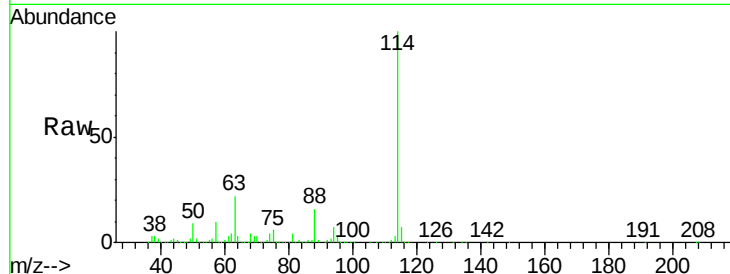




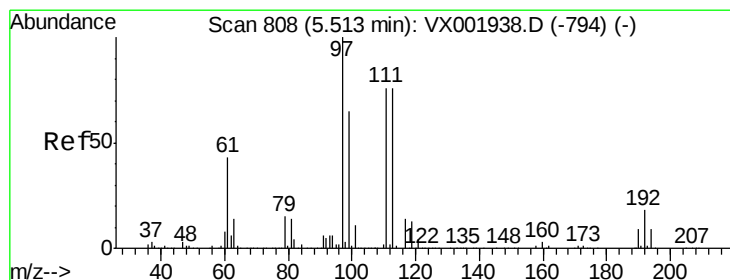
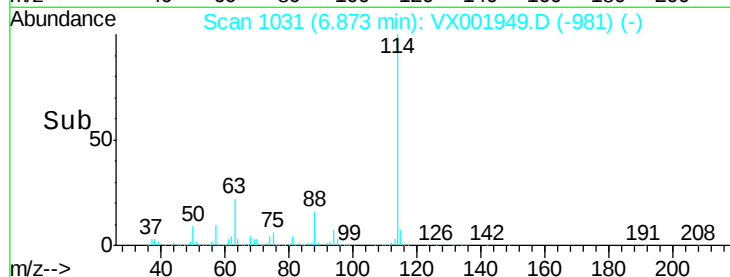
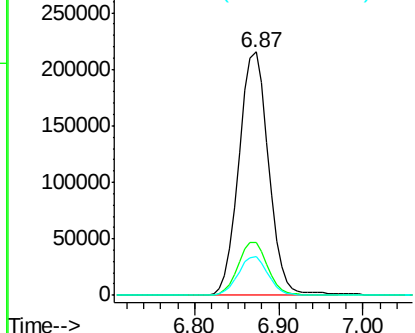
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001949.D
 Acq: 24 May 2018 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-052218

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	15.7	0.0	31.6

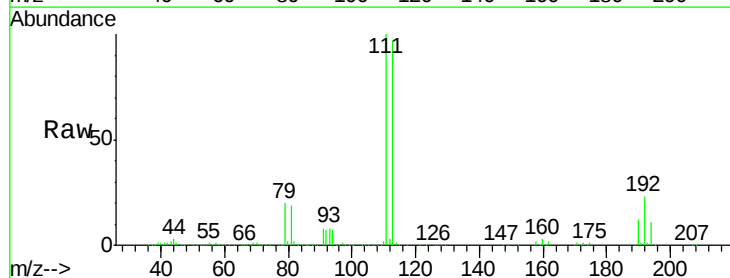


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

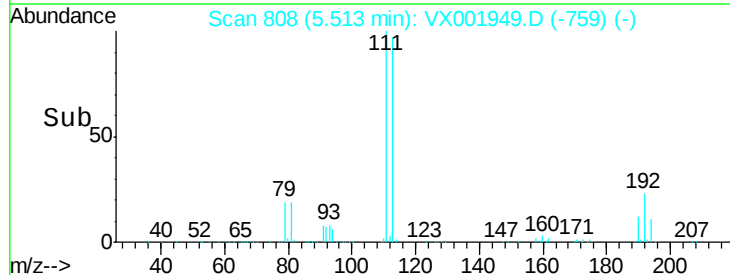
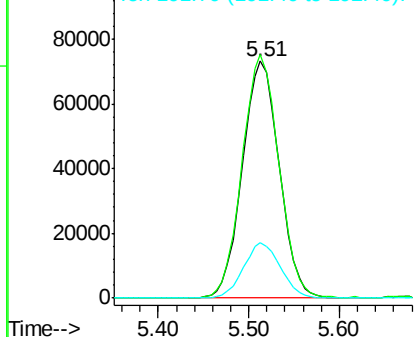


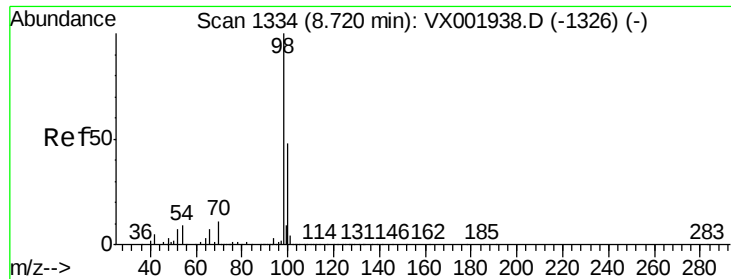
#35
 Dibromofluoromethane
 Concen: 40.17 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001949.D
 Acq: 24 May 2018 18:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.5	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: 39.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001949.D

Acq: 24 May 2018 18:56

Instrument :

MSVOA_X

ClientSampled :

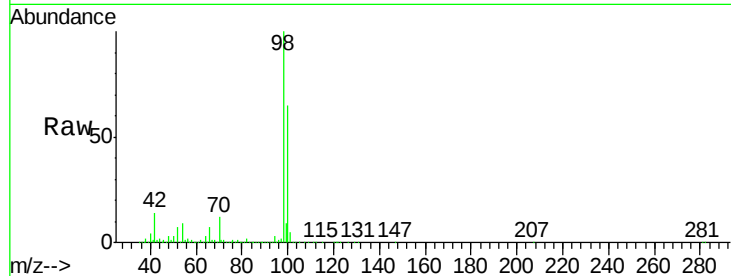
SU-02-052218

Tot Ion: 98 Resp: 737428

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

500000

400000

300000

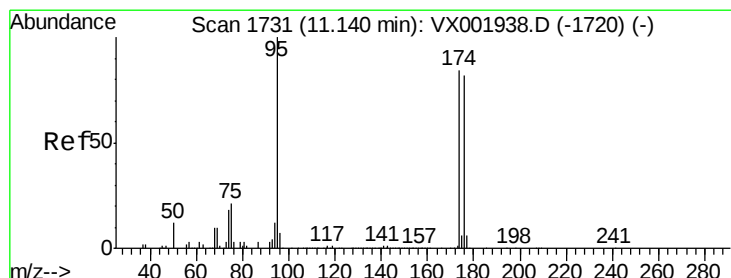
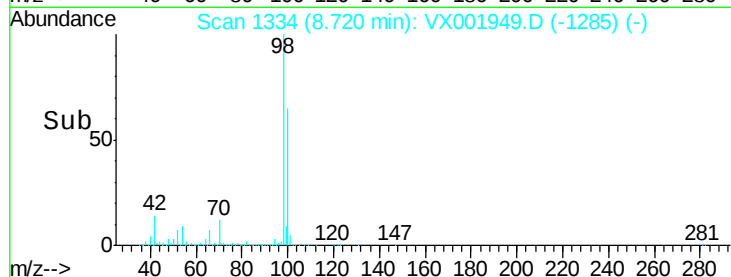
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 37.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001949.D

Acq: 24 May 2018 18:56

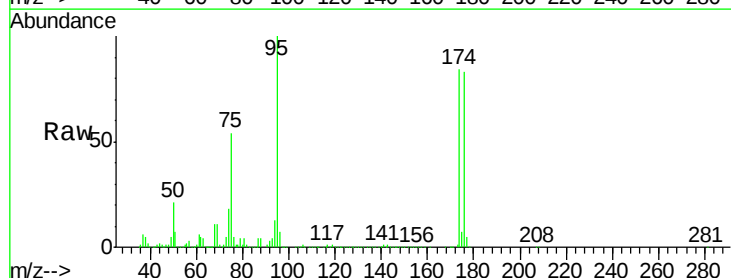
Tgt Ion: 95 Resp: 272948

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

176 88.6 0.0 175.6



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

11.14

250000

200000

150000

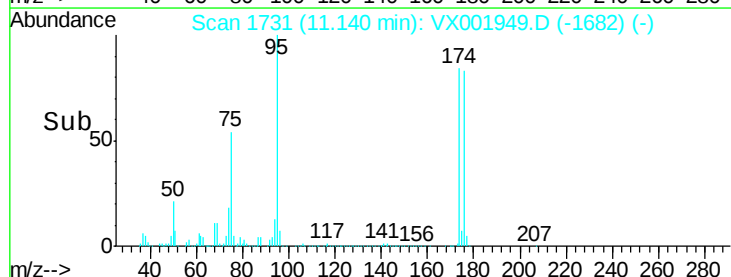
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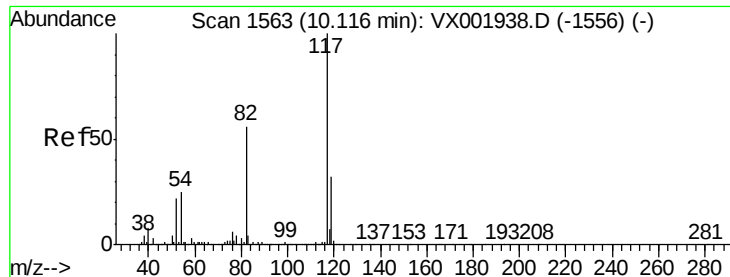
50000

0

Time-->

11.10 11.20

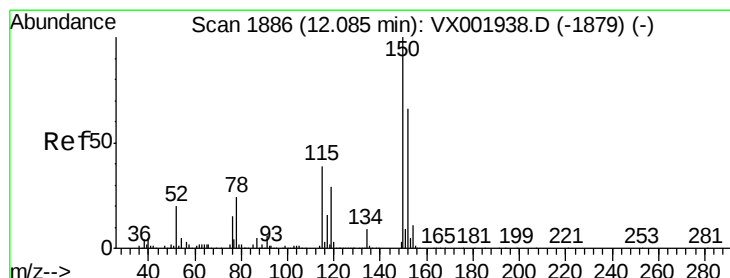
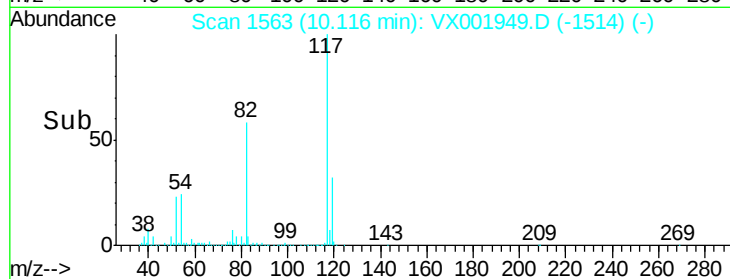
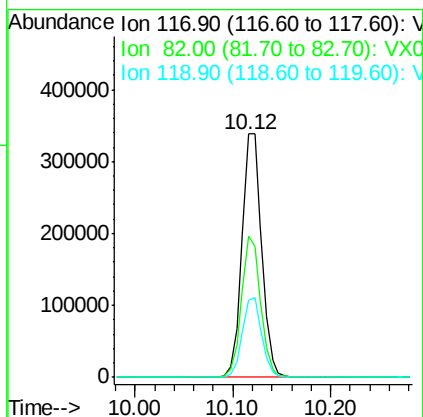
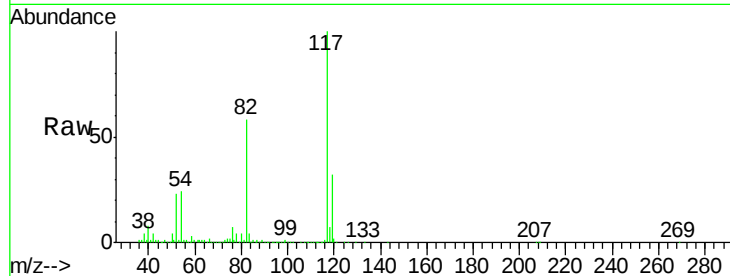




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001949.D
Acq: 24 May 2018 18:56

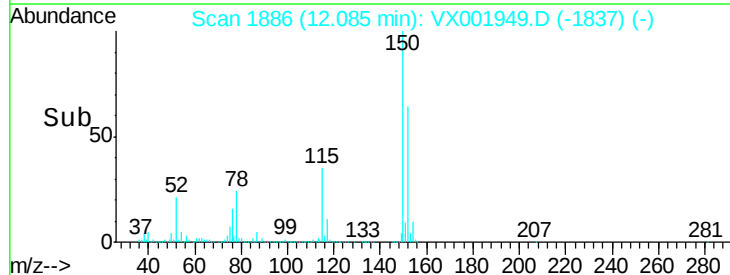
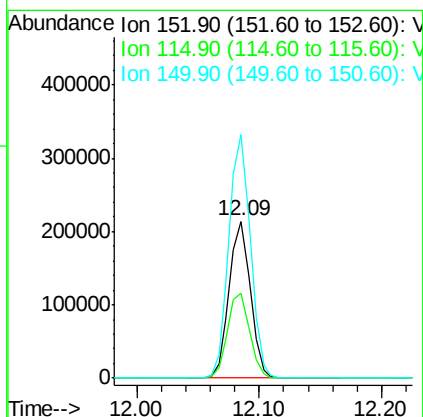
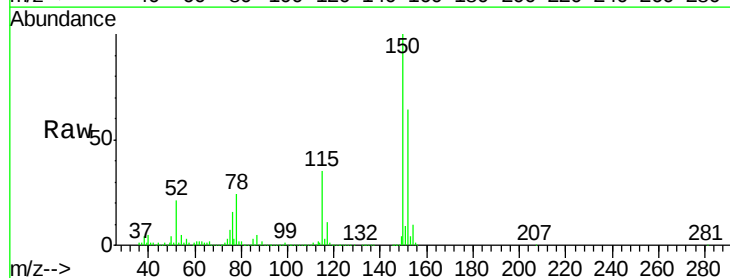
Instrument :
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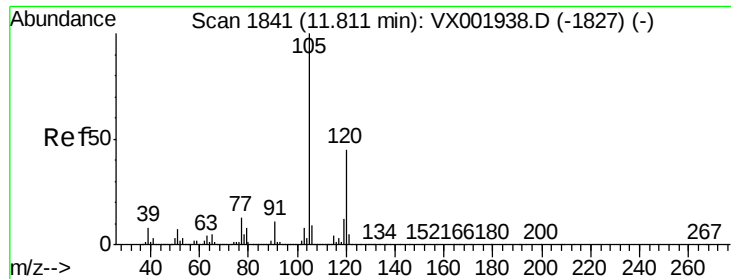
Tot Ion:117 Resp: 473401
Ion Ratio Lower Upper
117 100
82 57.8 44.8 67.2
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001949.D
Acq: 24 May 2018 18:56

Tgt Ion:152 Resp: 256303
Ion Ratio Lower Upper
152 100
115 55.9 42.3 126.8
150 157.0 0.0 351.0





#84

1,2,4-Trimethylbenzene

Concen: 1.59 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001949.D

Acq: 24 May 2018 18:56

Instrument :

MSVOA_X

ClientSampled :

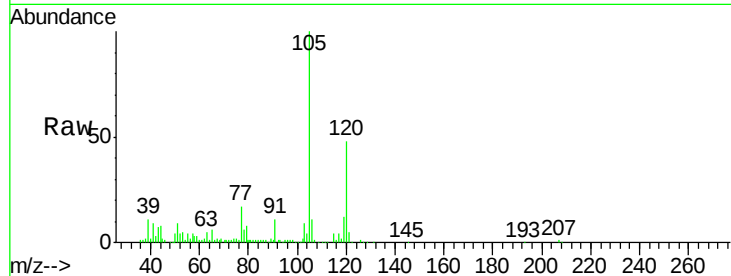
SU-02-052218

Tot Ion:105 Resp: 30516

Ion Ratio Lower Upper

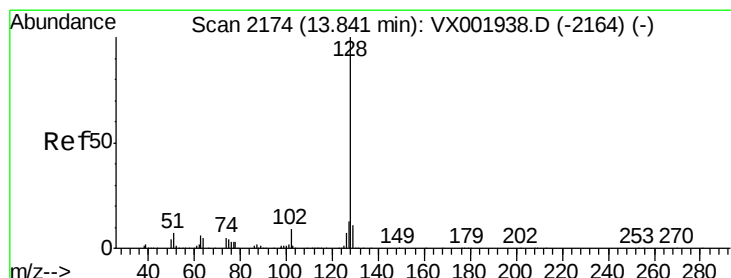
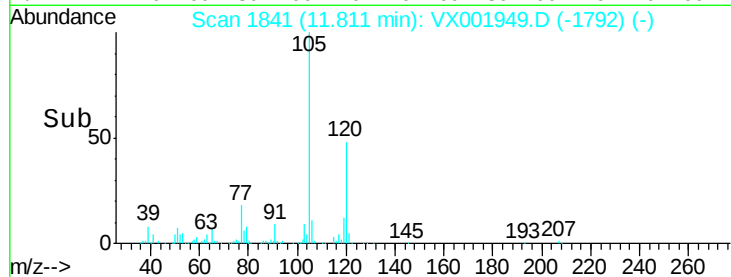
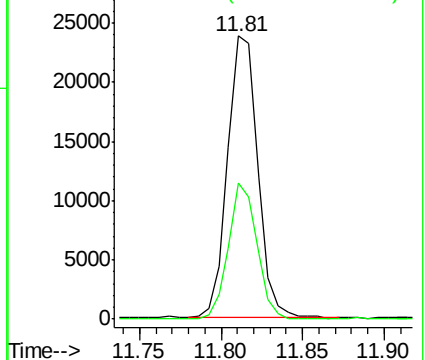
105 100

120 46.0 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: 21.19 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001949.D

Acq: 24 May 2018 18:56

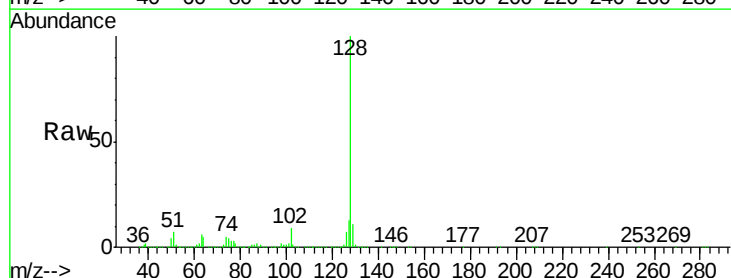
Tgt Ion:128 Resp: 490576

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 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

