

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000858.D
 Acq On : 13 Apr 2018 19:00
 Operator : JC/MD
 Sample : J2364-12 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-C

Quant Time: Apr 14 05:37:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328930	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186047	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	142602	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.51	113	116363	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
50) Toluene-d8	8.72	98	449913	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.15	95	170486	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	

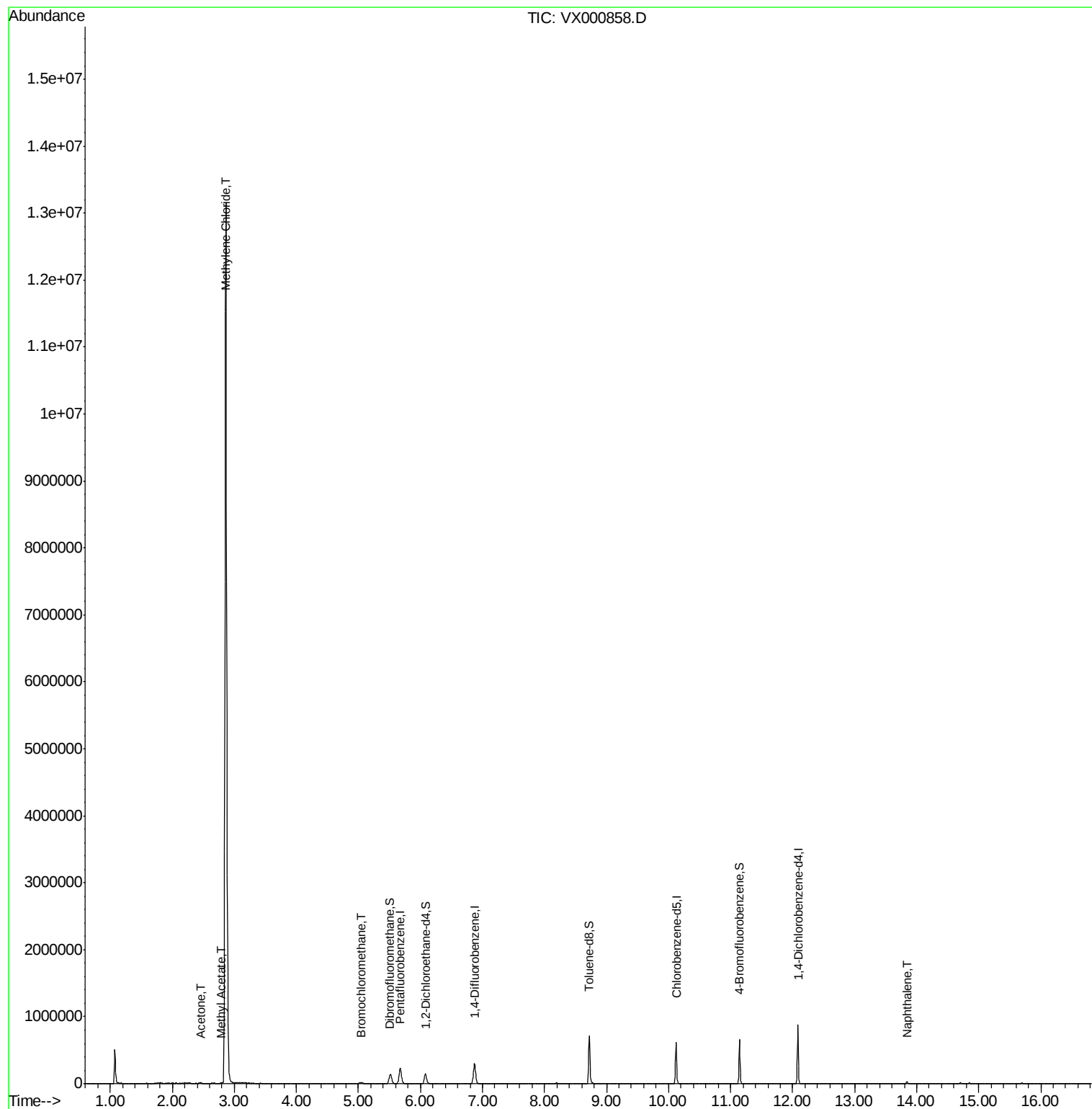
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3681	3.42	ug/l	99
18) Methyl Acetate	2.79	43	4477	1.61	ug/l	94
20) Methylene Chloride	2.86	84	6510892	2599.01	ug/l	96
28) Bromochloromethane	5.04	49	13673	7.83	ug/l	100
95) Naphthalene	13.84	128	16687	1.23	ug/l	99

(#) = 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: VX000858.D

Acq: 13 Apr 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

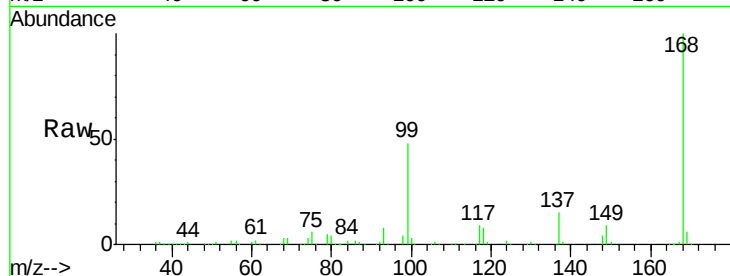
SP-C

Tot Ion:168 Resp: 247707

Ion Ratio Lower Upper

168 100

99 47.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

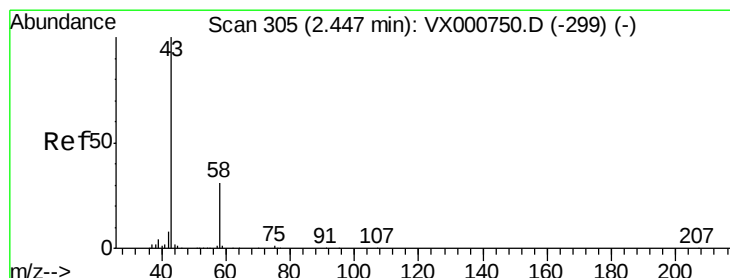
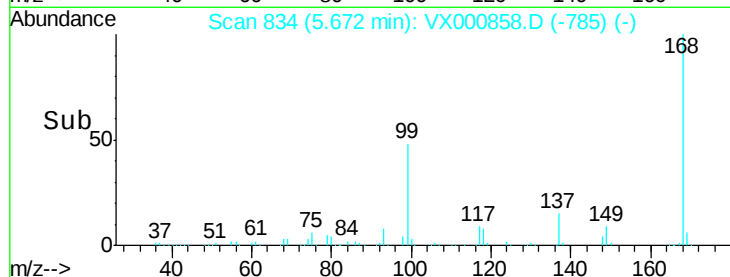
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.42 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000858.D

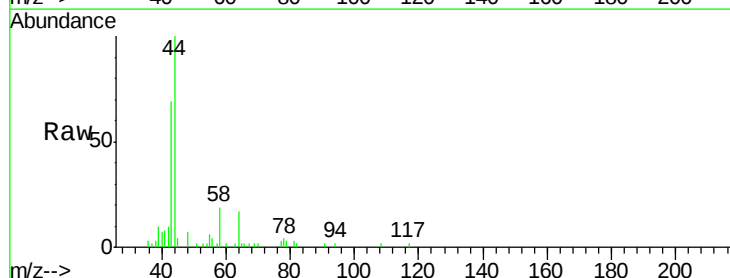
Acq: 13 Apr 2018 19:00

Tgt Ion: 43 Resp: 3681

Ion Ratio Lower Upper

43 100

58 31.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

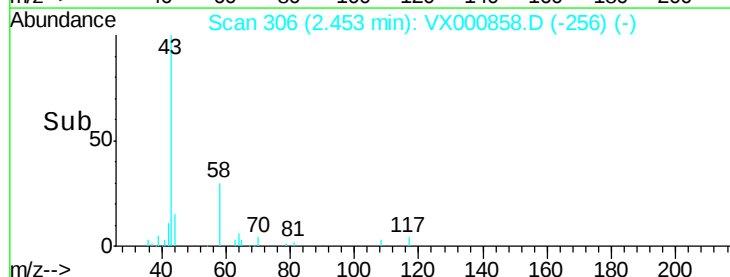
1500

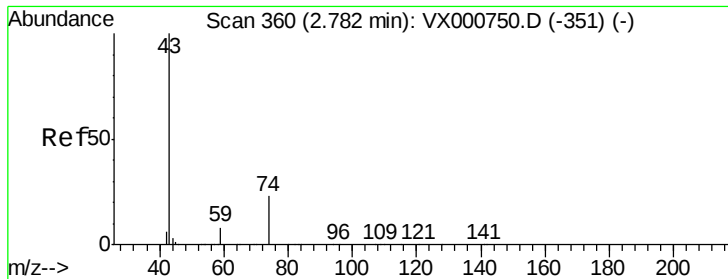
1000

500

0

Time--> 2.40 2.45 2.50

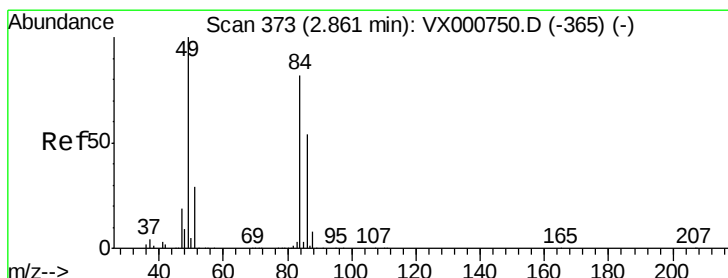
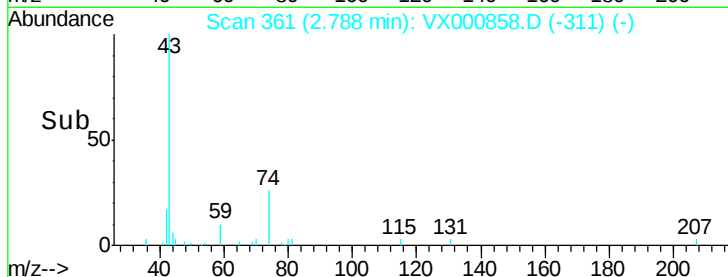
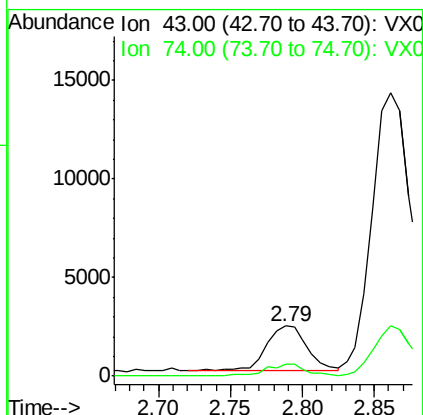
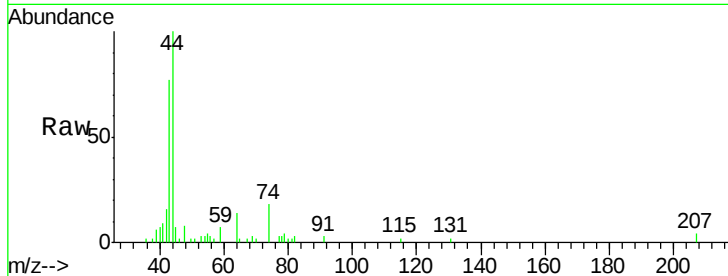




#18
Methyl Acetate
Concen: 1.61 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000858.D
Acq: 13 Apr 2018 19:00

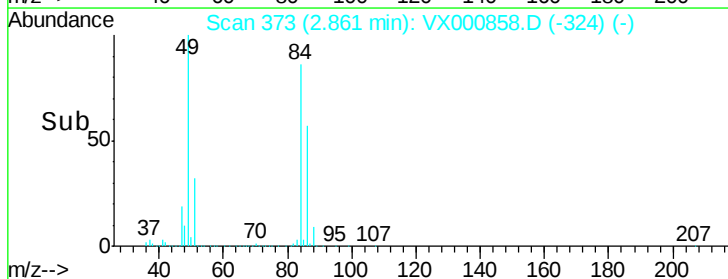
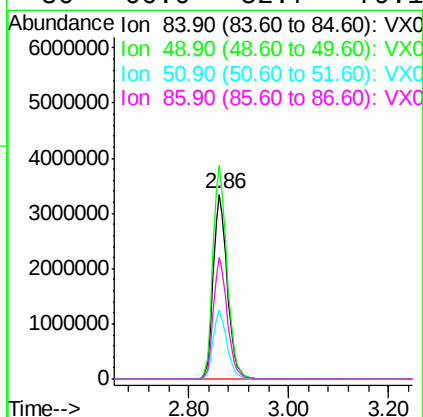
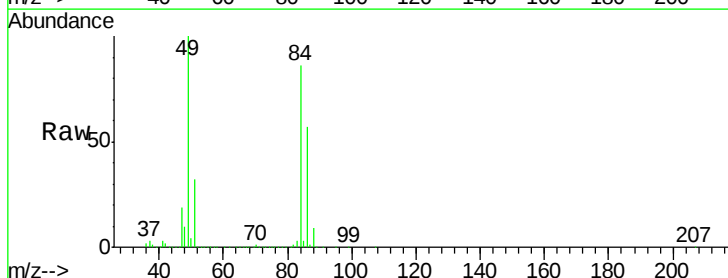
Instrument :
MSVOA_X
ClientSampled :
SP-C

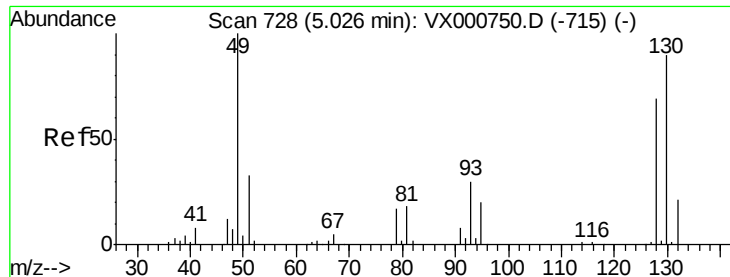
Tot Ion: 43 Resp: 4477
Ion Ratio Lower Upper
43 100
74 26.9 19.1 28.7



#20
Methylene Chloride
Concen: 2599.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000858.D
Acq: 13 Apr 2018 19:00

Tgt Ion: 84 Resp: 6510892
Ion Ratio Lower Upper
84 100
49 115.9 98.1 147.1
51 37.5 28.9 43.3
86 66.0 52.7 79.1





#28

Bromochloromethane

Concen: 7.83 ug/l

RT: 5.04 min Scan# 731

Delta R.T. 0.02 min

Lab File: VX000858.D

Acq: 13 Apr 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

SP-C

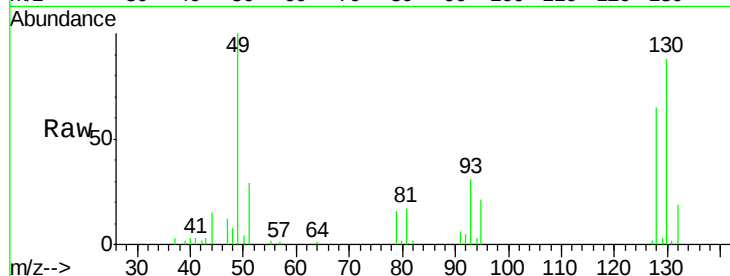
Tot Ion: 49 Resp: 13673

Ion Ratio Lower Upper

49 100

129 1.9 0.0 5.2

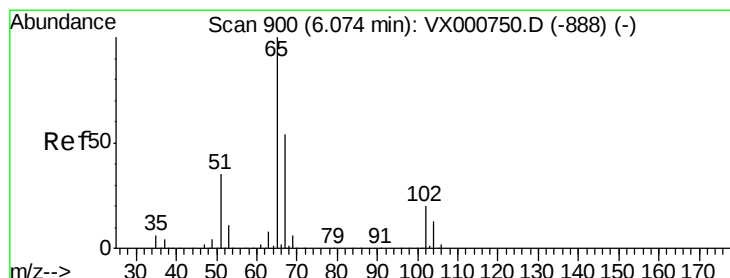
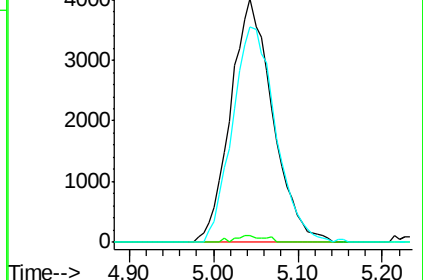
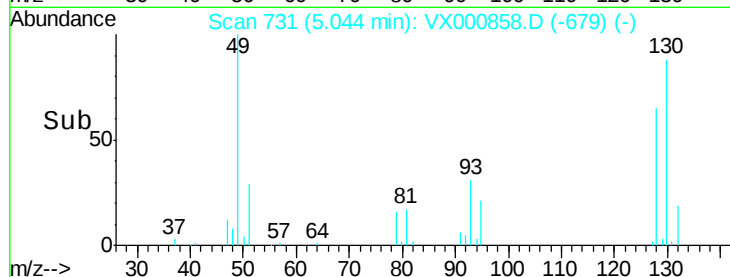
130 90.6 72.6 109.0



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 45.66 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000858.D

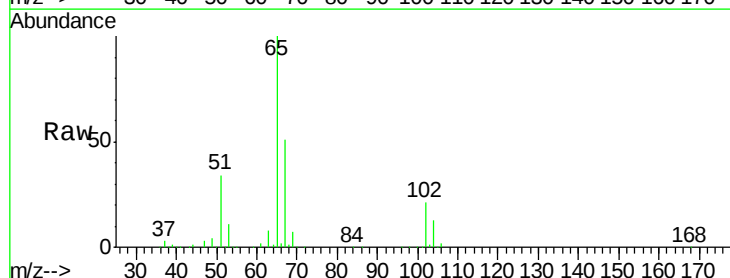
Acq: 13 Apr 2018 19:00

Tgt Ion: 65 Resp: 142602

Ion Ratio Lower Upper

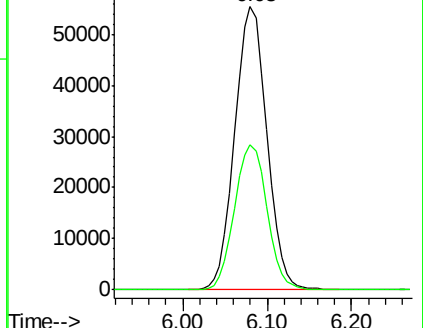
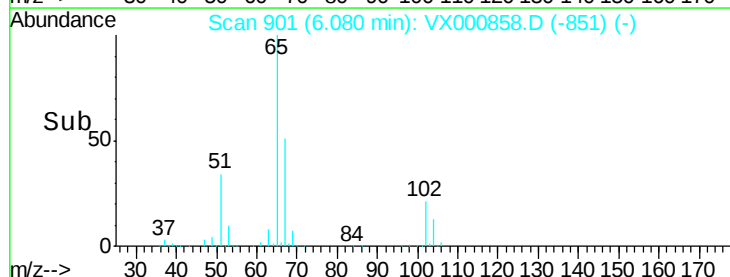
65 100

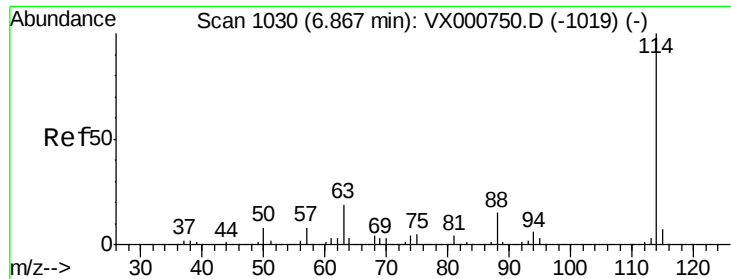
67 52.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

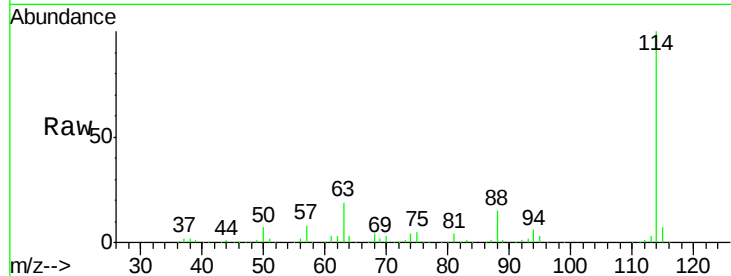




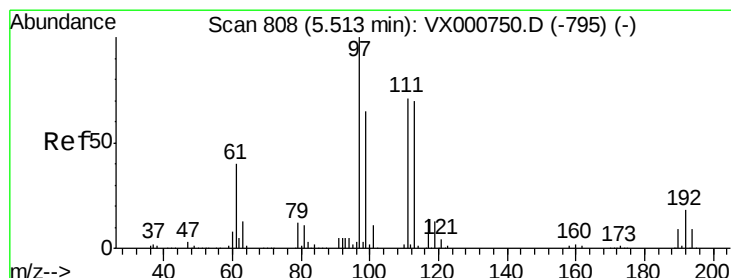
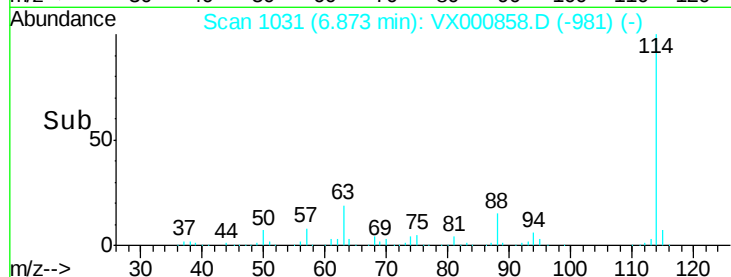
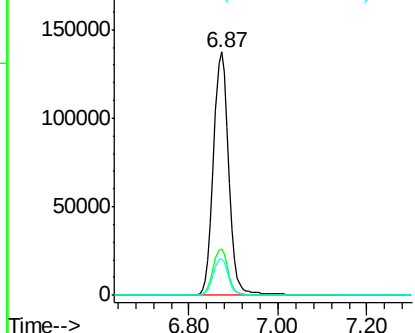
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000858.D
 Acq: 13 Apr 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-C

Tot Ion:114 Resp: 328930
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.1 0.0 31.0

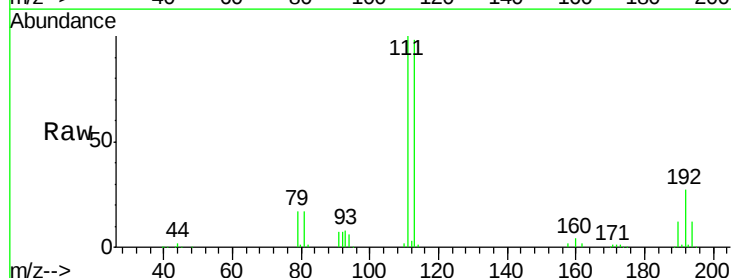


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

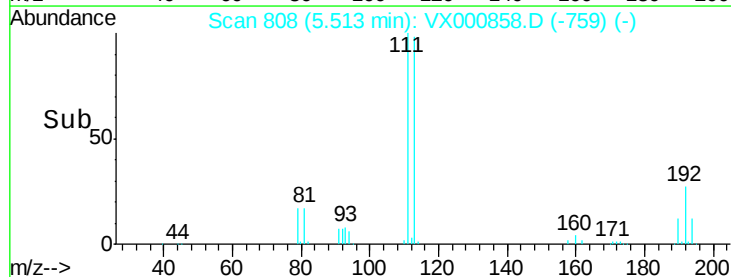
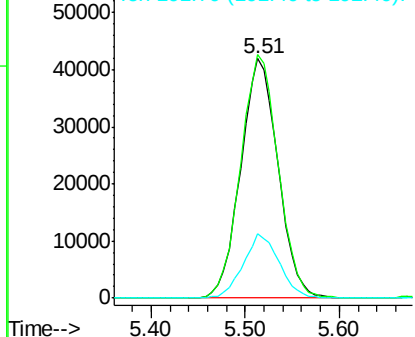


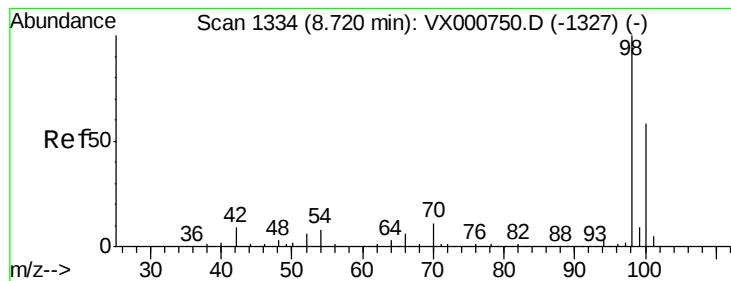
#35
 Dibromofluoromethane
 Concen: 45.92 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000858.D
 Acq: 13 Apr 2018 19:00

Tgt Ion:113 Resp: 116363
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 25.9 20.4 30.6



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: 47.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000858.D

Acq: 13 Apr 2018 19:00

Instrument :

MSVOA_X

ClientSampled :

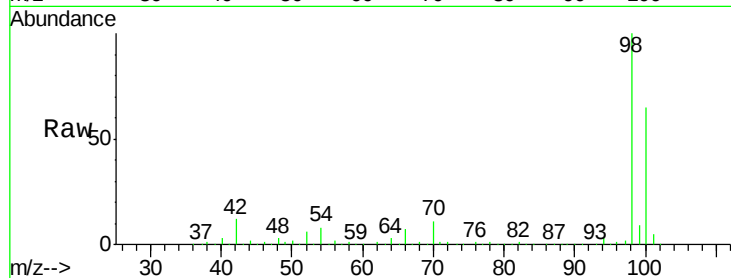
SP-C

Tot Ion: 98 Resp: 449913

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

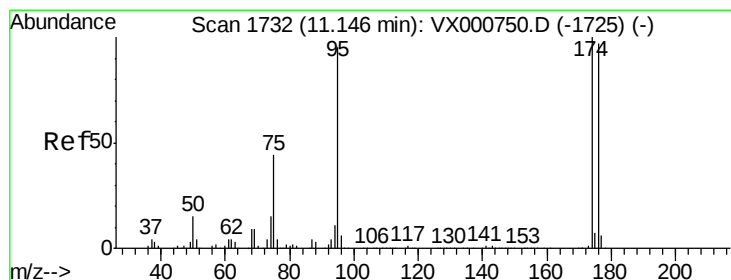
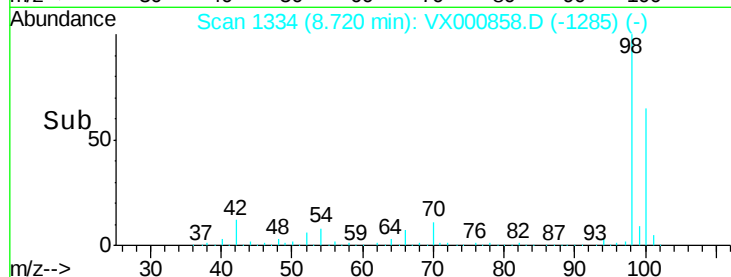
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.67 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000858.D

Acq: 13 Apr 2018 19:00

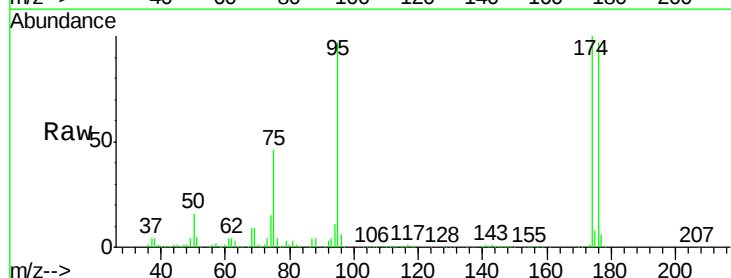
Tgt Ion: 95 Resp: 170486

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

176 95.4 0.0 194.4



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

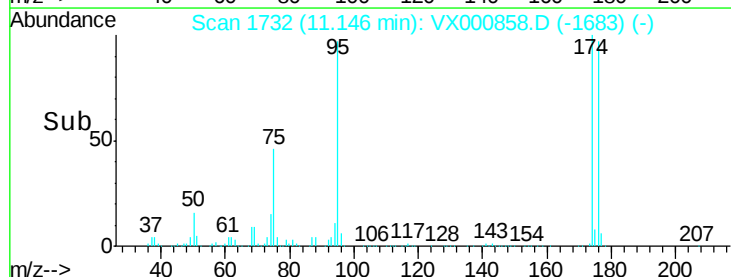
150000

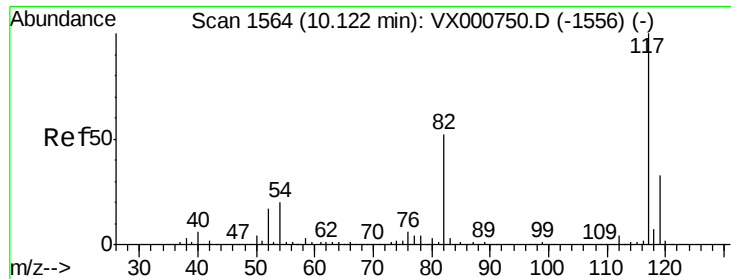
100000

50000

0

Time--> 11.10 11.20

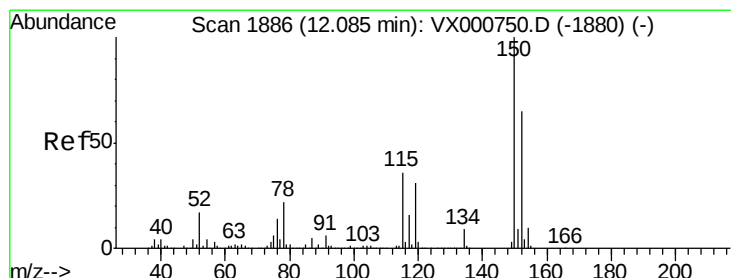
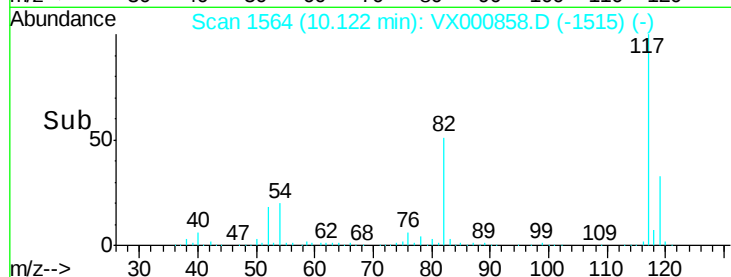
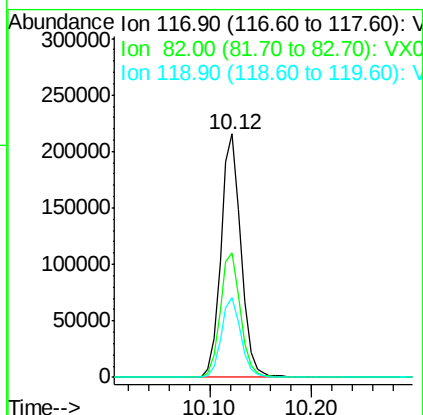
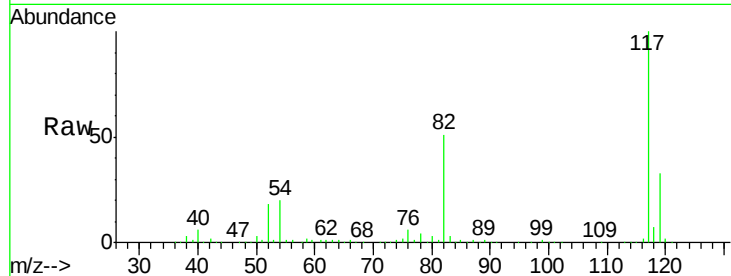




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000858.D
Acq: 13 Apr 2018 19:00

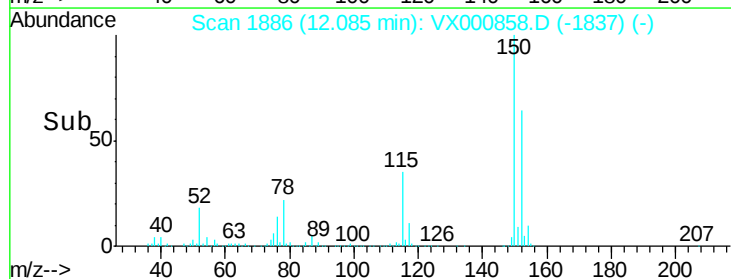
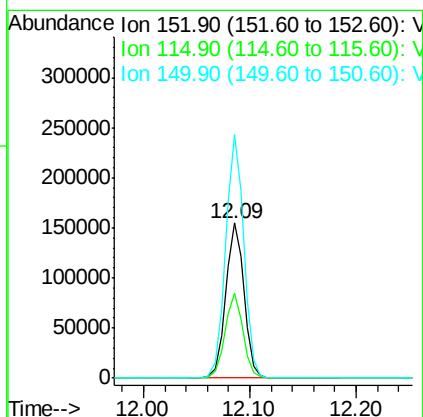
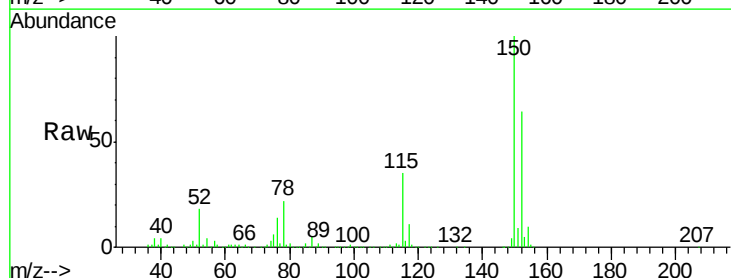
Instrument :
MSVOA_X
ClientSampled :
SP-C

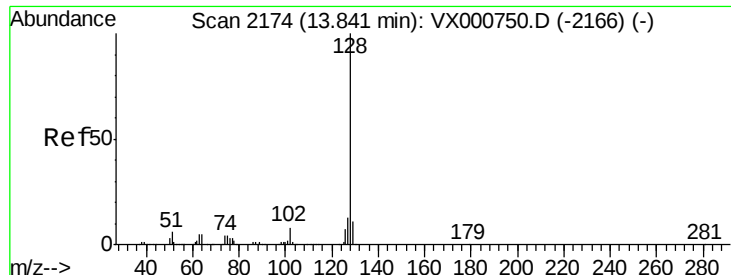
Tot Ion:117 Resp: 295082
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000858.D
Acq: 13 Apr 2018 19:00

Tgt Ion:152 Resp: 186047
Ion Ratio Lower Upper
152 100
115 53.5 37.9 113.7
150 156.0 0.0 348.0

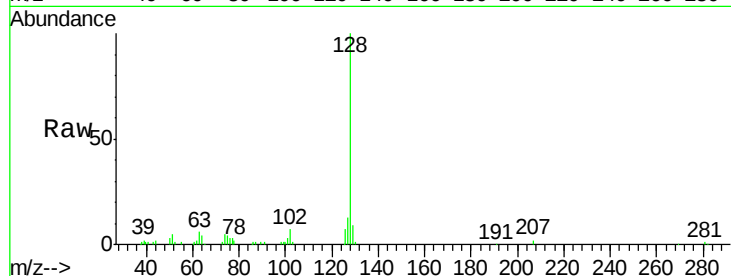




#95
Naphthalene
Concen: 1.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000858.D
Acq: 13 Apr 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
SP-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.3	8.7	13.1



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

