

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001368.D
 Acq On : 03 May 2018 19:17
 Operator : JC/MD
 Sample : J2713-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: May 04 08:09:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	152713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97570	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	80155	37.92	ug/l	0.00
Spiked Amount			Recovery	=	75.84%	
35) Dibromofluoromethane	5.51	113	67164	36.20	ug/l	0.00
Spiked Amount			Recovery	=	72.40%	
50) Toluene-d8	8.73	98	252600	38.11	ug/l	0.00
Spiked Amount			Recovery	=	76.22%	
62) 4-Bromofluorobenzene	11.15	95	84061	31.71	ug/l	0.00
Spiked Amount			Recovery	=	63.42%	

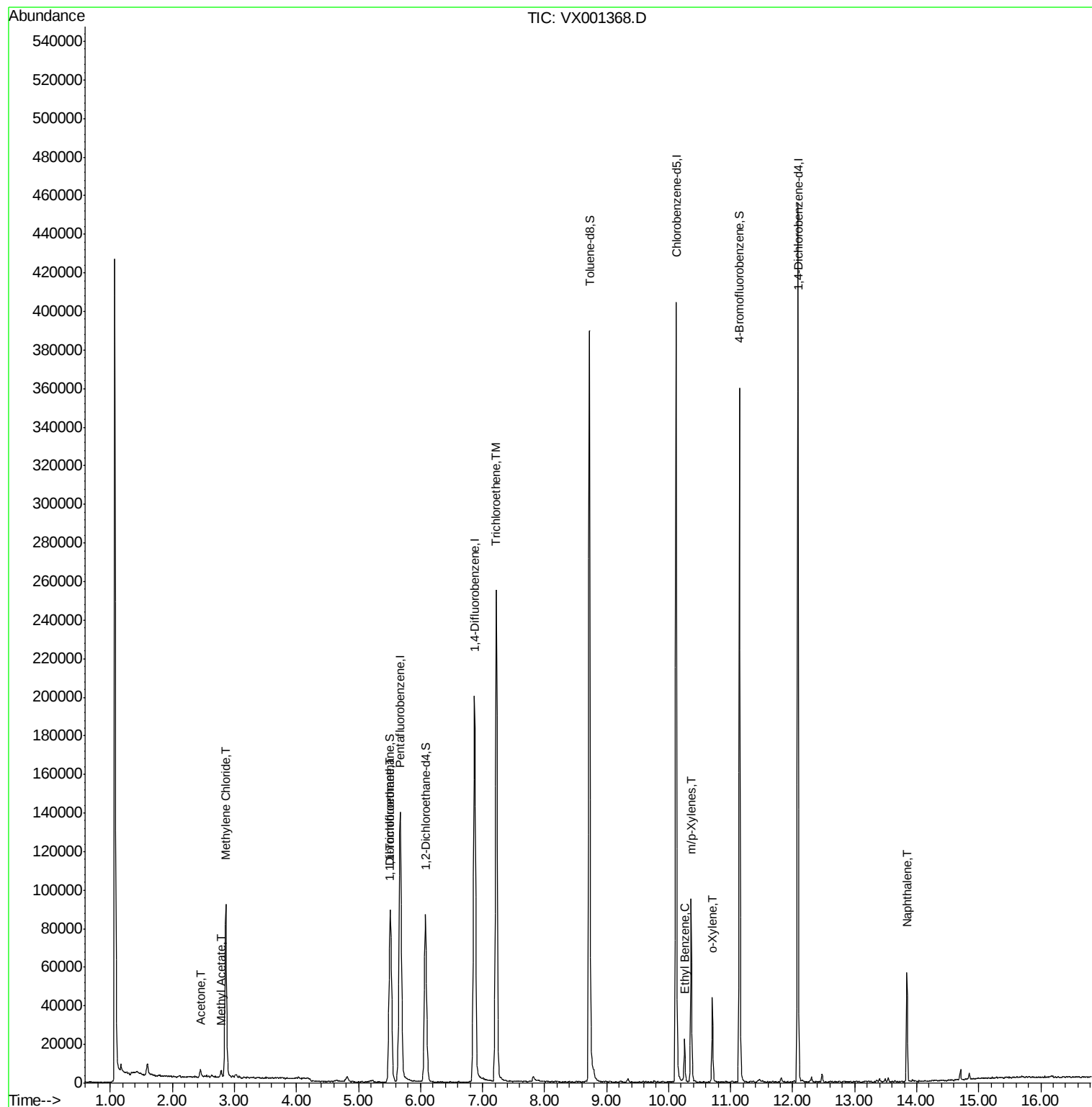
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	4489	4.97	ug/l	94
18) Methyl Acetate	2.79	43	3666	1.72	ug/l	93
20) Methylene Chloride	2.86	84	40361	23.96	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	5723	2.15	ug/l	94
44) Trichloroethene	7.23	130	101255	46.26	ug/l	97
67) Ethyl Benzene	10.26	91	12438	1.43	ug/l	92
68) m/p-Xylenes	10.37	106	23164	6.77	ug/l	99
69) o-Xylene	10.71	106	9712	2.93	ug/l	96
95) Naphthalene	13.84	128	35426	4.96	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
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: VX001368.D

Acq: 03 May 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

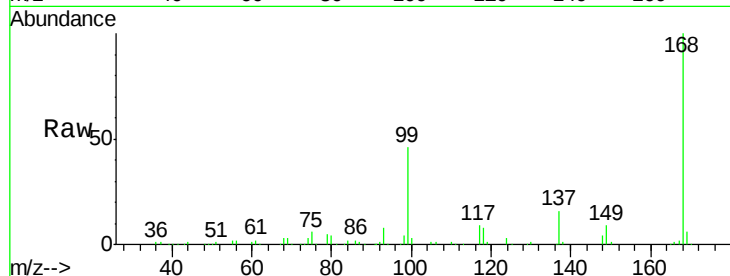
TP-1

Tot Ion:168 Resp: 152713

Ion Ratio Lower Upper

168 100

99 46.0 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

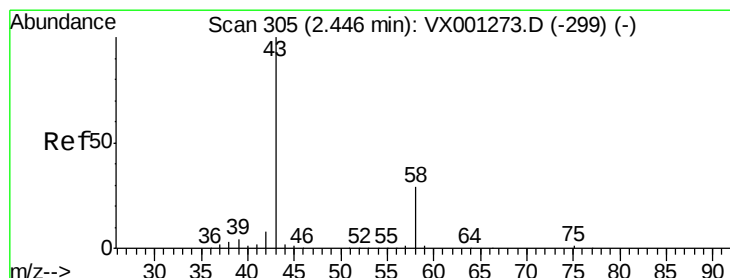
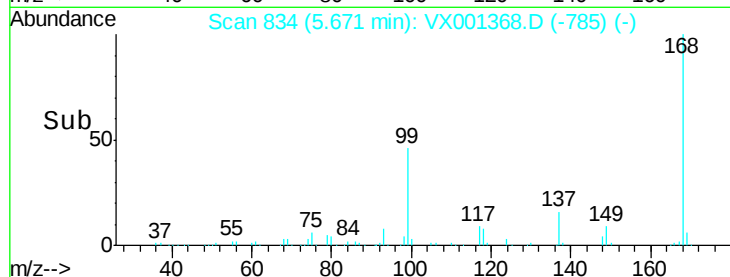
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.97 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001368.D

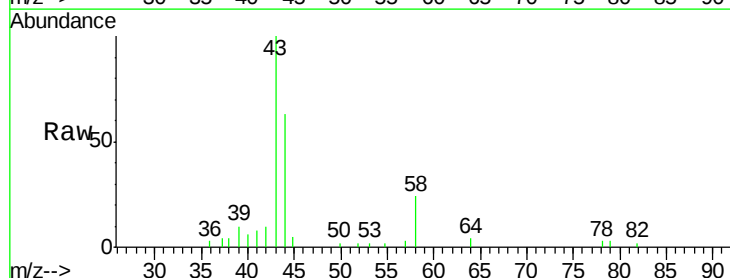
Acq: 03 May 2018 19:17

Tgt Ion: 43 Resp: 4489

Ion Ratio Lower Upper

43 100

58 25.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

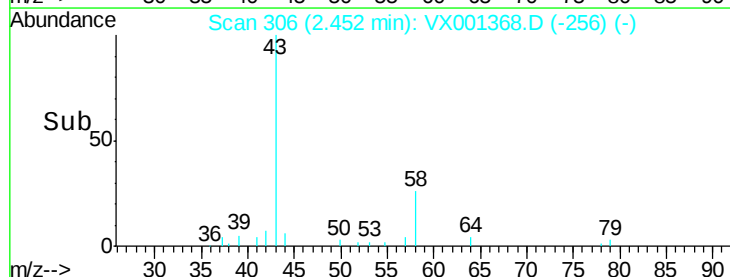
1500

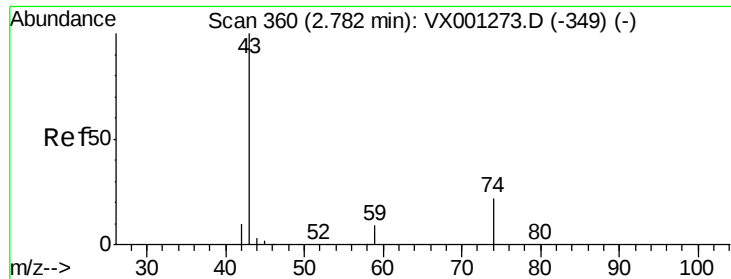
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

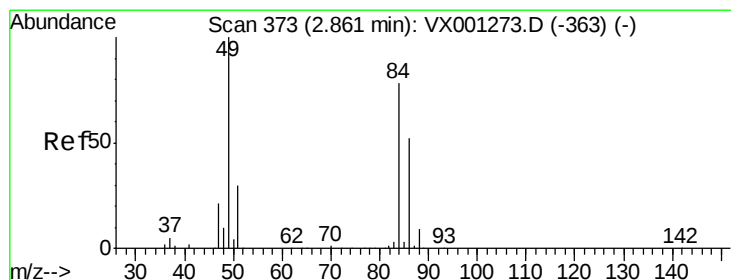
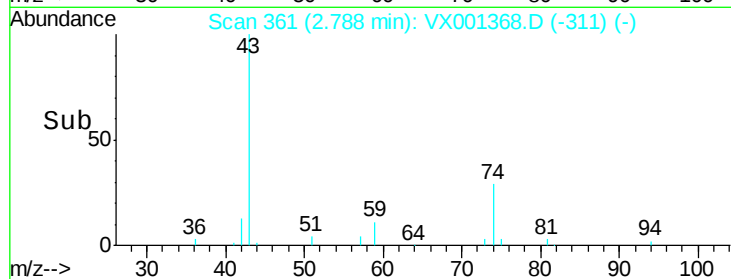
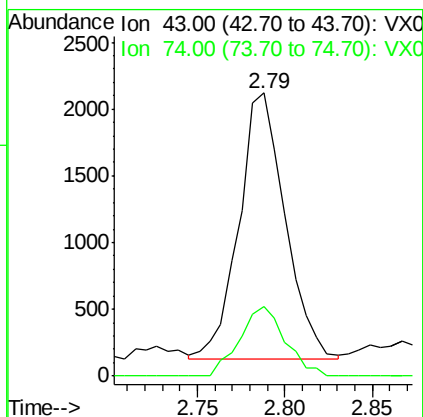
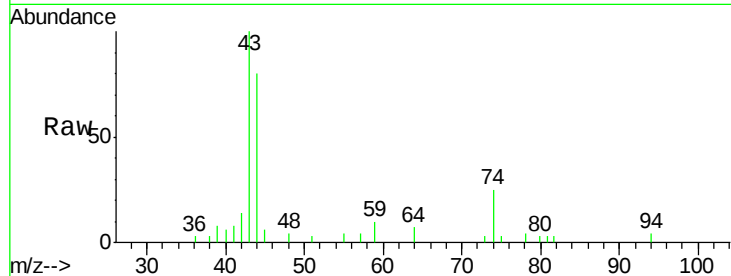




#18
Methyl Acetate
Concen: 1.72 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

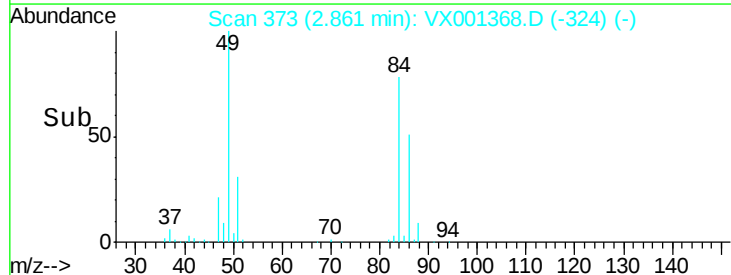
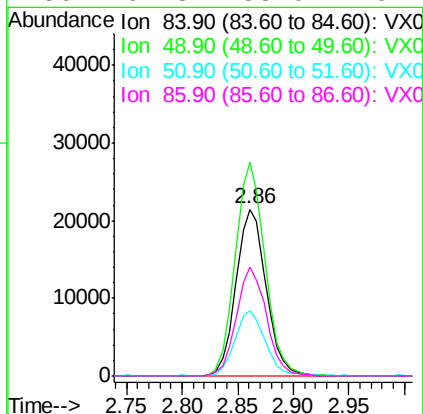
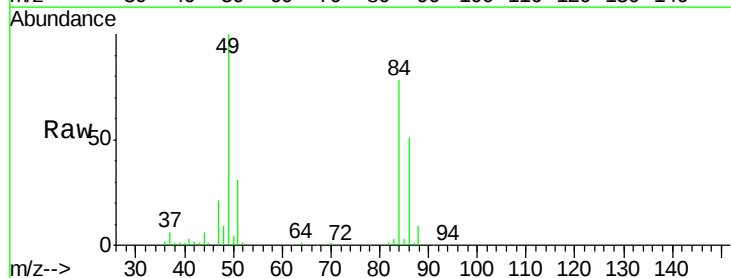
Instrument :
MSVOA_X
ClientSampleId :
TP-1

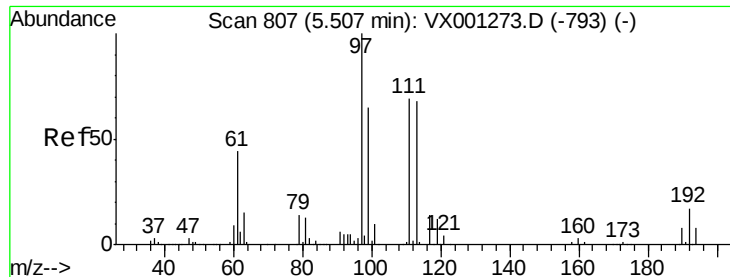
Tot Ion: 43 Resp: 3666
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.6



#20
Methylene Chloride
Concen: 23.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

Tgt Ion: 84 Resp: 40361
Ion Ratio Lower Upper
84 100
49 127.9 102.8 154.2
51 39.2 30.9 46.3
86 64.8 53.0 79.4





#32

1,1,1-Trichloroethane

Concen: 2.15 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001368.D

Acq: 03 May 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

TP-1

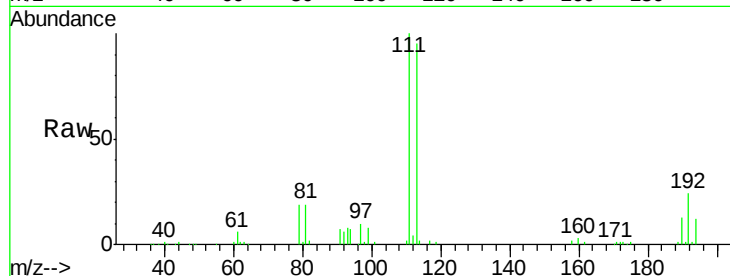
Tot Ion: 97 Resp: 5723

Ion Ratio Lower Upper

97 100

99 67.4 51.8 77.6

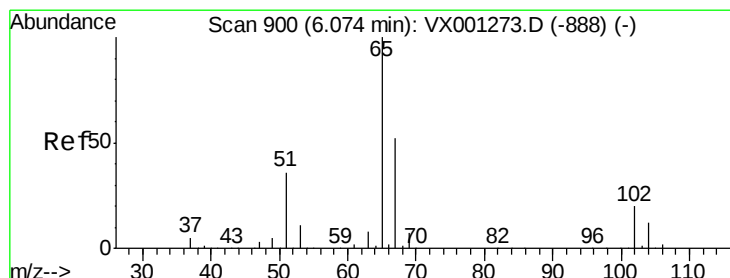
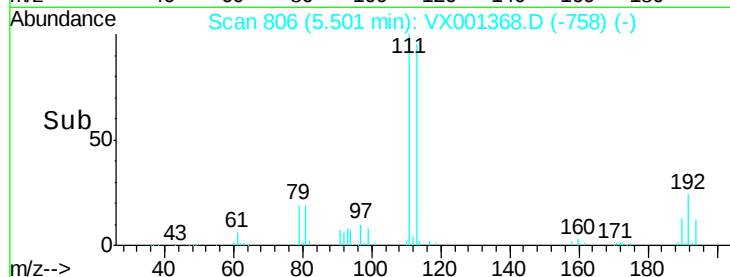
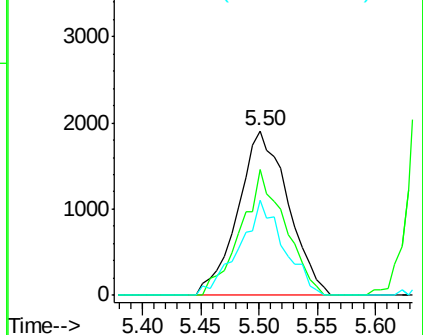
61 50.9 35.4 53.2



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 37.92 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001368.D

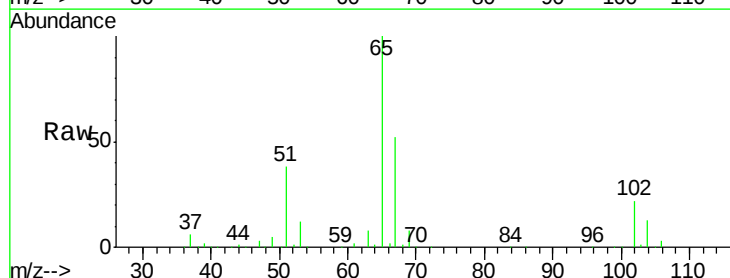
Acq: 03 May 2018 19:17

Tgt Ion: 65 Resp: 80155

Ion Ratio Lower Upper

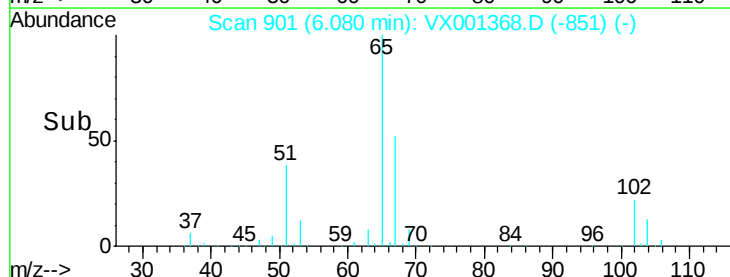
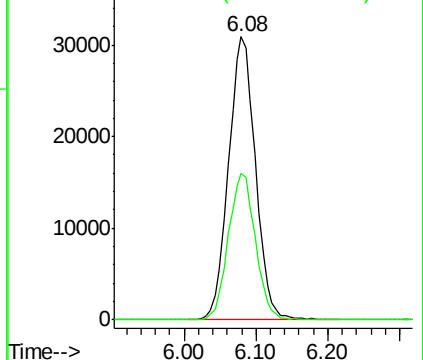
65 100

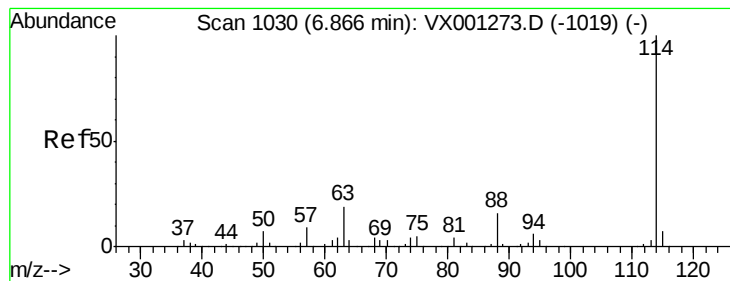
67 51.9 0.0 102.8



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: VX001368.D

Acq: 03 May 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

TP-1

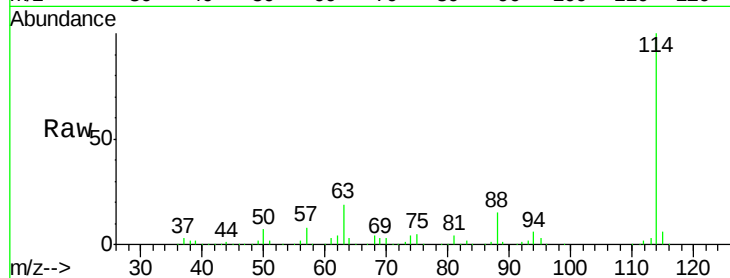
Tot Ion:114 Resp: 215351

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

88 14.5 0.0 32.2



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

120000

100000

80000

60000

40000

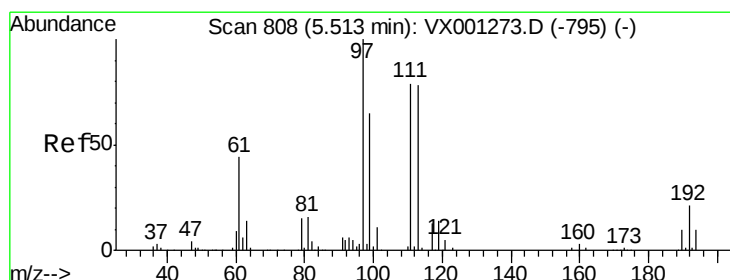
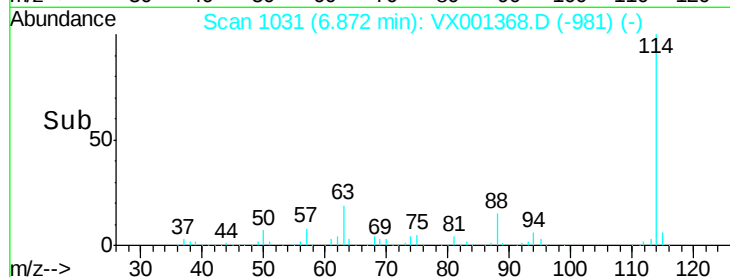
20000

0

6.87

6.80 7.00 7.20

Time-->



#35

Dibromofluoromethane

Concen: 36.20 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001368.D

Acq: 03 May 2018 19:17

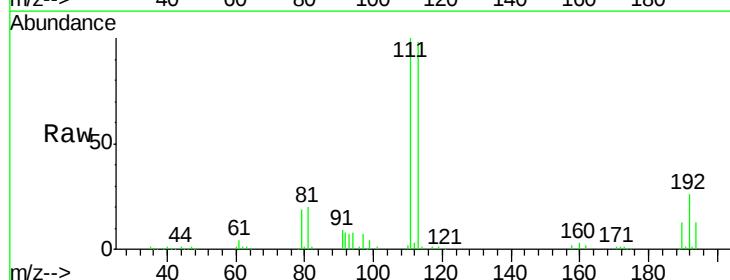
Tgt Ion:113 Resp: 67164

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 25.8 20.7 31.1



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

30000

25000

20000

15000

10000

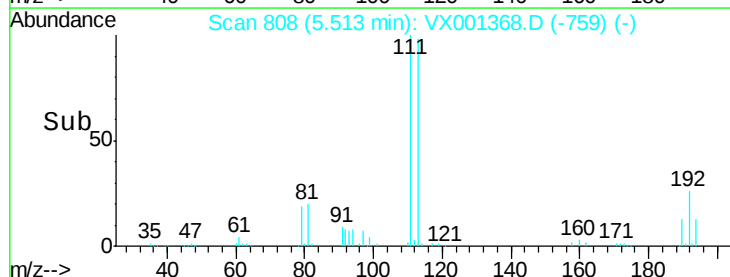
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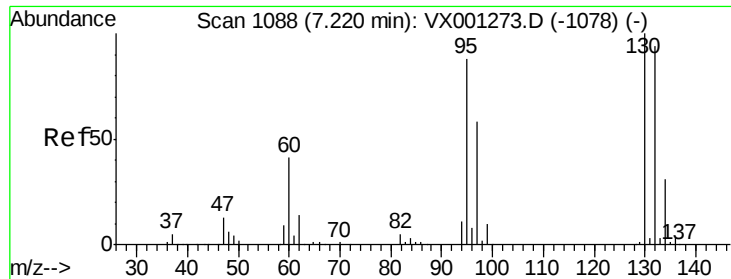
0

5.51

5.40 5.60

Time-->

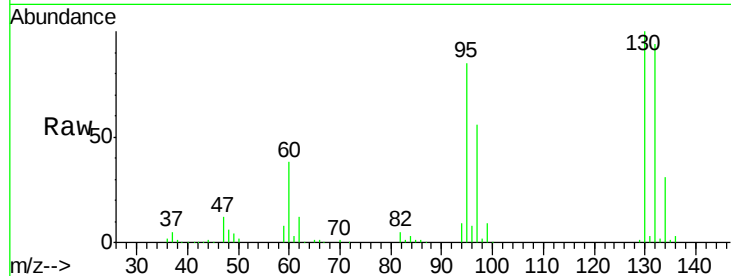




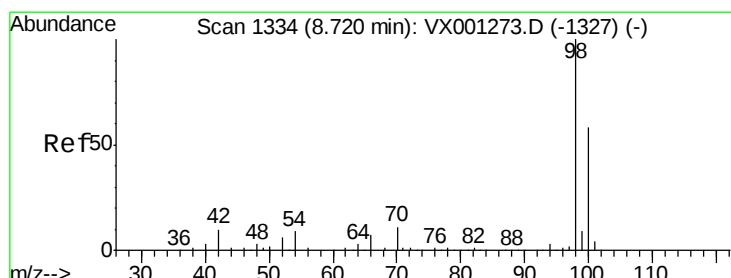
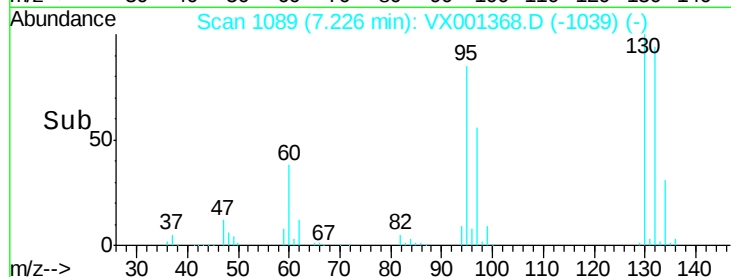
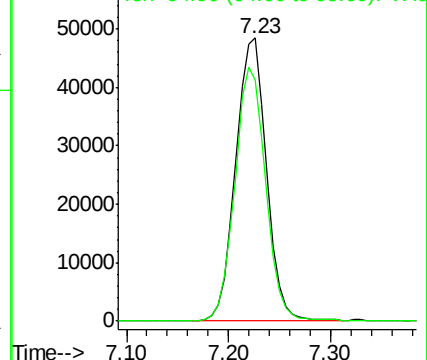
#44
 Trichloroethene
 Concen: 46.26 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX001368.D
 Acq: 03 May 2018 19:17

Instrument :
 MSVOA_X
 ClientSampled :
 TP-1

Tot Ion:130 Resp: 101255
 Ion Ratio Lower Upper
 130 100
 95 85.2 0.0 176.0

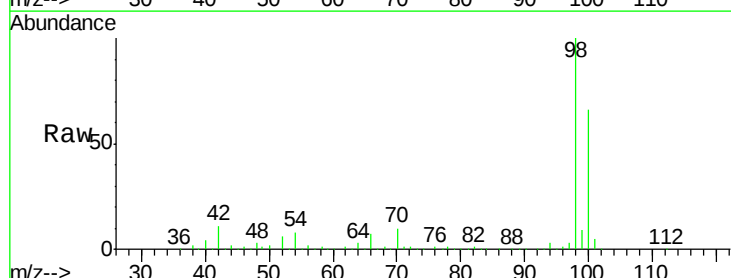


Abundance Ion 129.80 (129.50 to 130.50): V

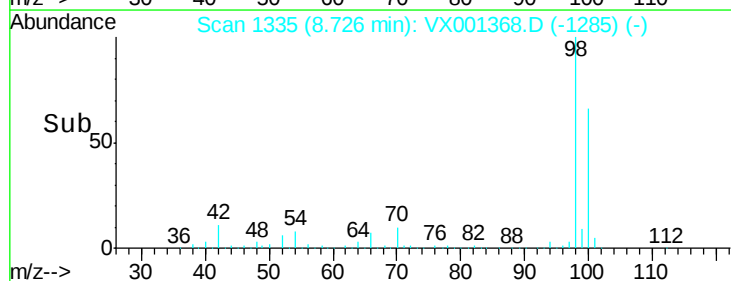
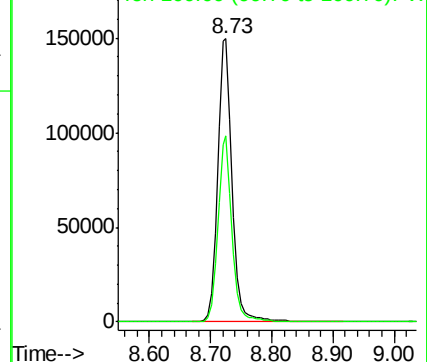


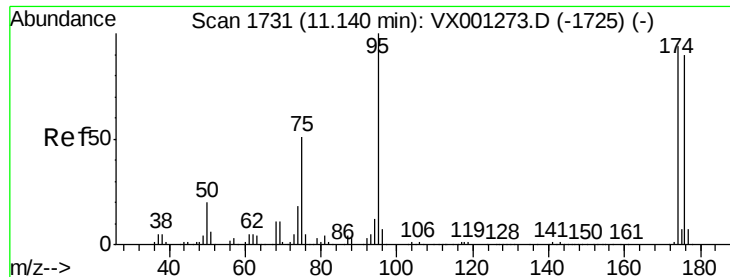
#50
 Toluene-d8
 Concen: 38.11 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VX001368.D
 Acq: 03 May 2018 19:17

Tgt Ion: 98 Resp: 252600
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

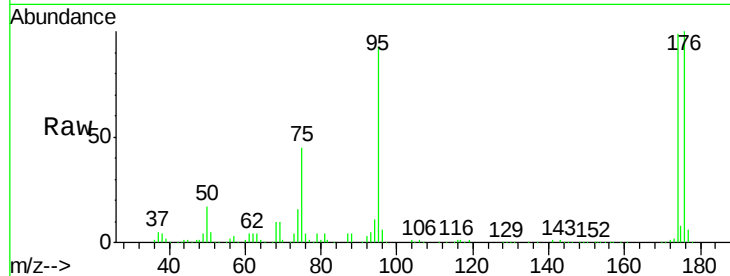




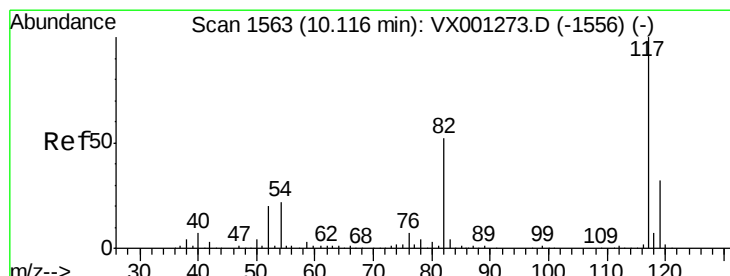
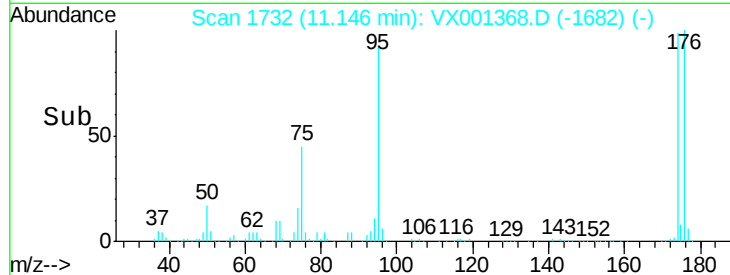
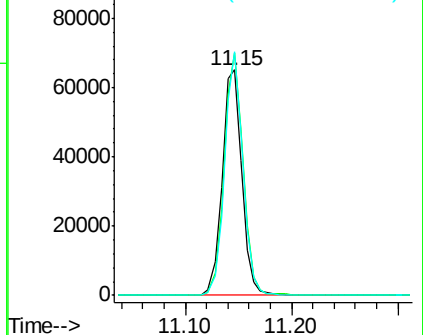
#62
4-Bromofluorobenzene
Concen: 31.71 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion: 95 Resp: 84061
Ion Ratio Lower Upper
95 100
174 103.3 0.0 201.8
176 100.7 0.0 197.2

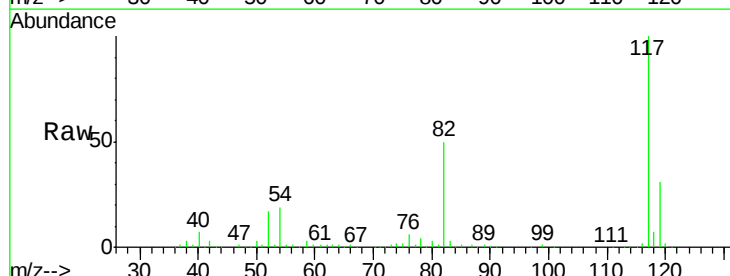


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

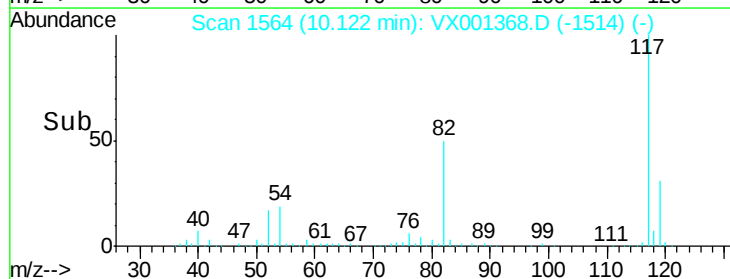
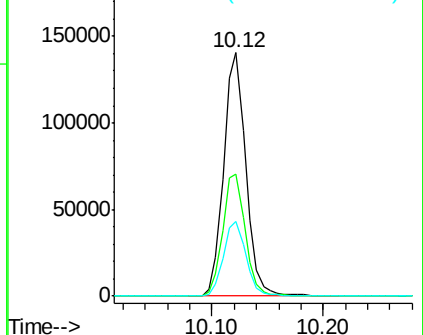


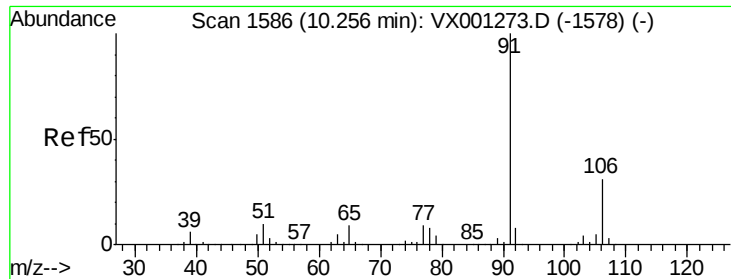
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

Tgt Ion: 117 Resp: 194128
Ion Ratio Lower Upper
117 100
82 50.0 41.4 62.0
119 30.8 25.5 38.3



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

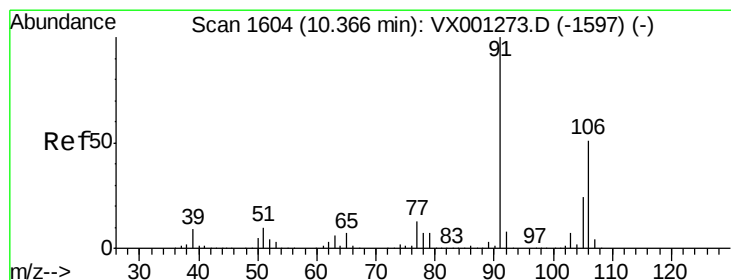
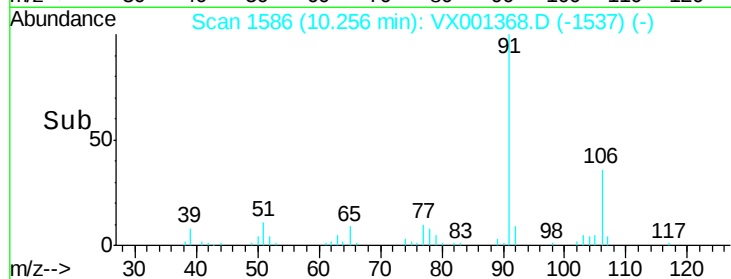
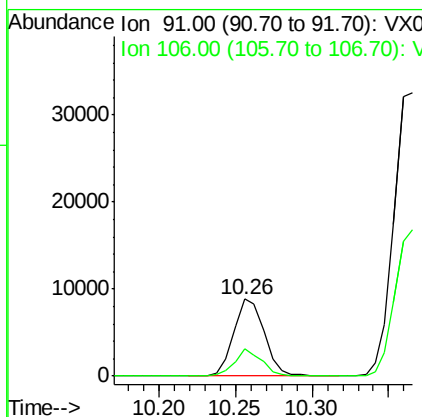
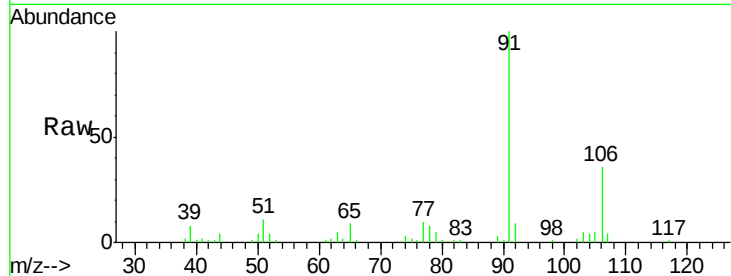




#67
Ethyl Benzene
Concen: 1.43 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

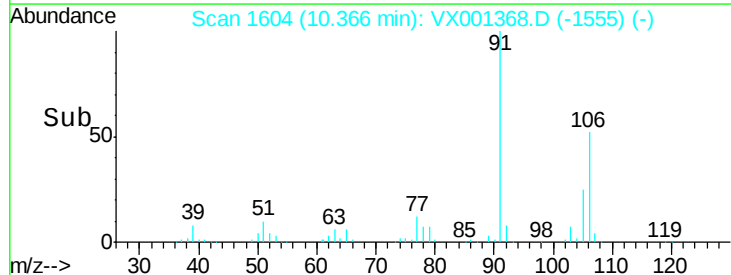
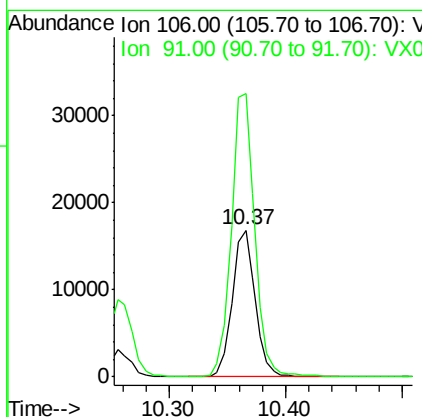
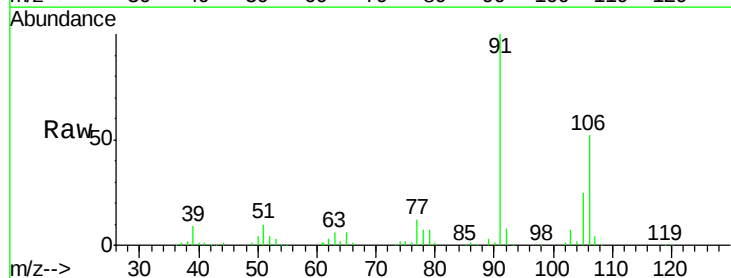
Instrument :
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TP-1

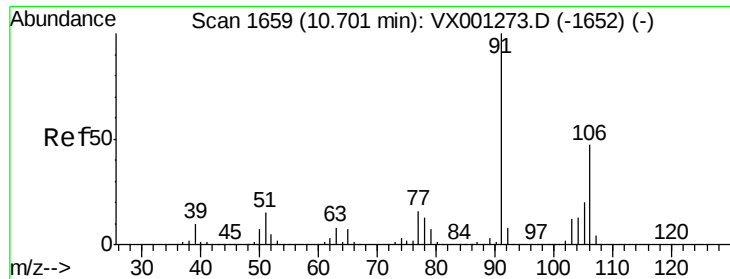
Tot Ion: 91 Resp: 12438
Ion Ratio Lower Upper
91 100
106 35.7 24.9 37.3



#68
m/p-Xylenes
Concen: 6.77 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

Tgt Ion: 106 Resp: 23164
Ion Ratio Lower Upper
106 100
91 197.7 159.4 239.2

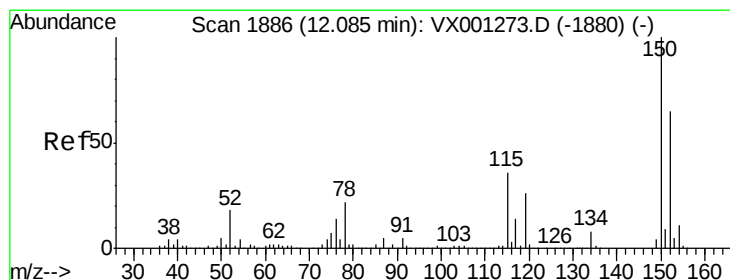
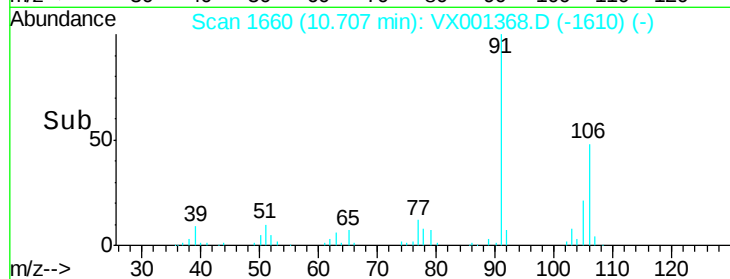
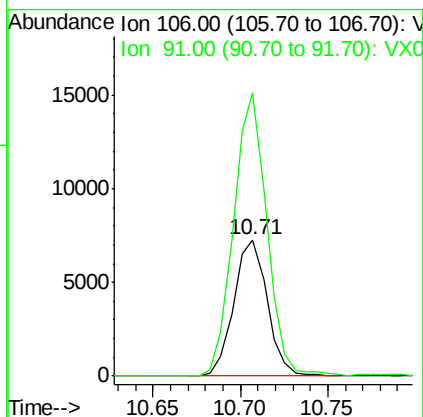
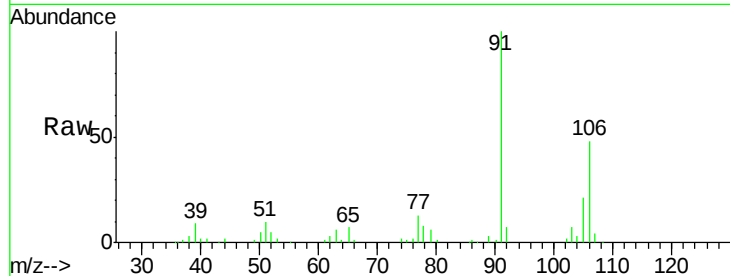




#69
o-Xylene
Concen: 2.93 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

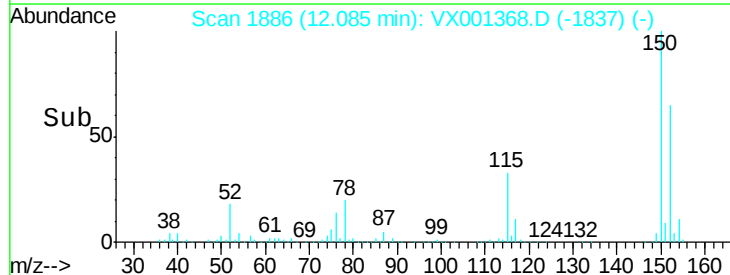
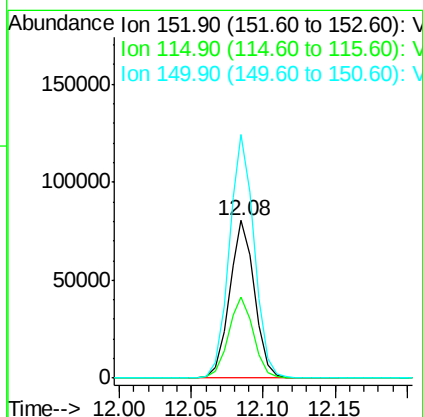
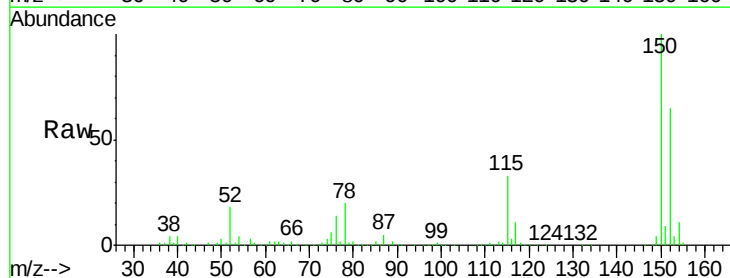
Instrument :
MSVOA_X
ClientSampled :
TP-1

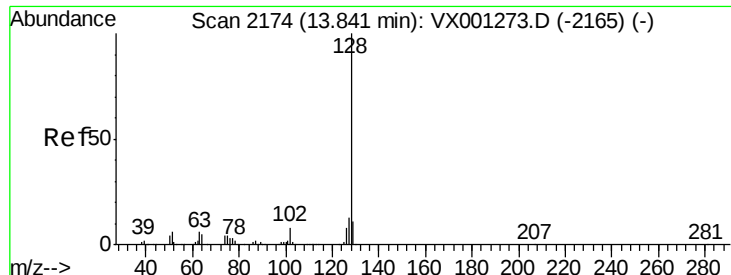
Tot Ion:106 Resp: 9712
Ion Ratio Lower Upper
106 100
91 205.8 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001368.D
Acq: 03 May 2018 19:17

Tgt Ion:152 Resp: 97570
Ion Ratio Lower Upper
152 100
115 51.5 38.6 115.7
150 154.5 0.0 349.2





#95

Naphthalene

Concen: 4.96 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001368.D

Acq: 03 May 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

TP-1

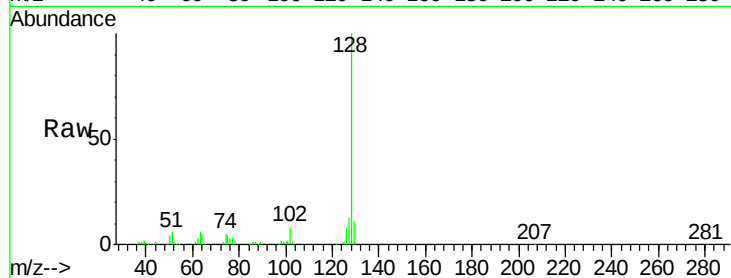
Tot Ion:128 Resp: 35426

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 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

