

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001422.D
 Acq On : 05 May 2018 17:01
 Operator : JC/MD
 Sample : J2703-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: May 06 08:09:59 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	252993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139179	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	162124	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	
35) Dibromofluoromethane	5.51	113	126987	42.17	ug/l	0.00
Spiked Amount			Recovery	=	84.34%	
50) Toluene-d8	8.72	98	455574	41.45	ug/l	0.00
Spiked Amount			Recovery	=	82.90%	
62) 4-Bromofluorobenzene	11.14	95	141401	33.51	ug/l	0.00
Spiked Amount			Recovery	=	67.02%	

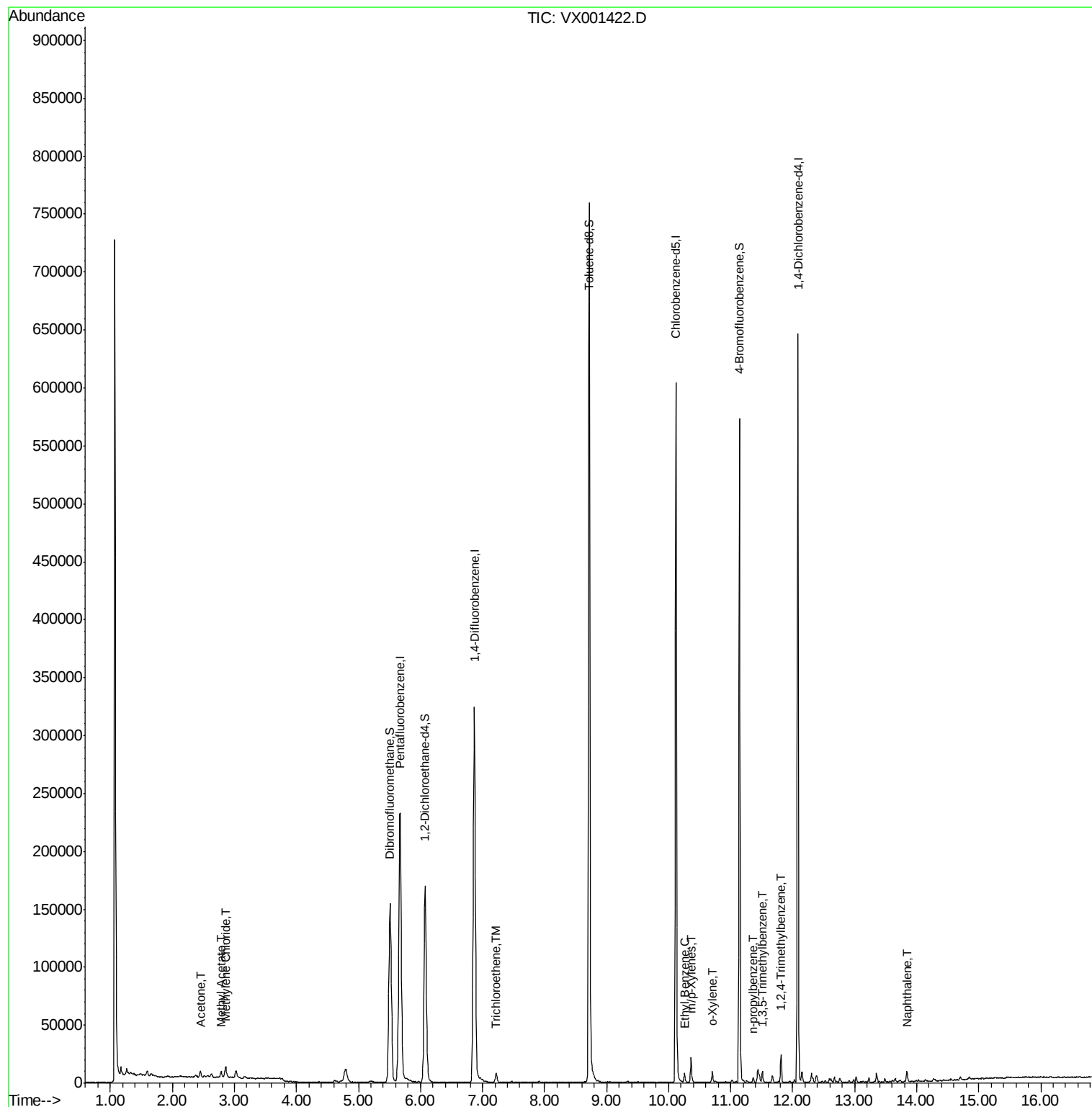
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6332	3.835	ug/l	96
18) Methyl Acetate	2.79	43	5947	1.371	ug/l	99
20) Methylene Chloride	2.85	84	4303	1.316	ug/l	94
44) Trichloroethene	7.22	130	2772	0.721	ug/l	90
67) Ethyl Benzene	10.26	91	4153	0.299	ug/l	93
68) m/p-Xylenes	10.37	106	5258	0.959	ug/l	99
69) o-Xylene	10.71	106	2047	0.384	ug/l	94
78) n-propylbenzene	11.37	91	2353	0.224	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	3850	0.480	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	10354	1.256	ug/l	99
95) Naphthalene	13.84	128	5517	0.535	ug/l #	93

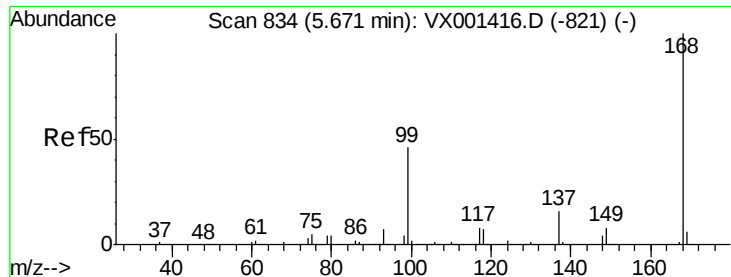
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001422.D

Acq: 05 May 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

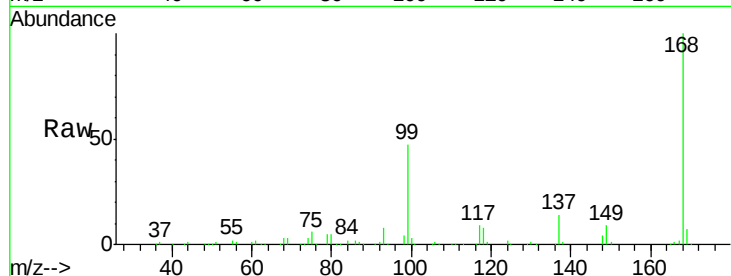
TP-1

Tot Ion:168 Resp: 252993

Ion Ratio Lower Upper

168 100

99 47.5 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

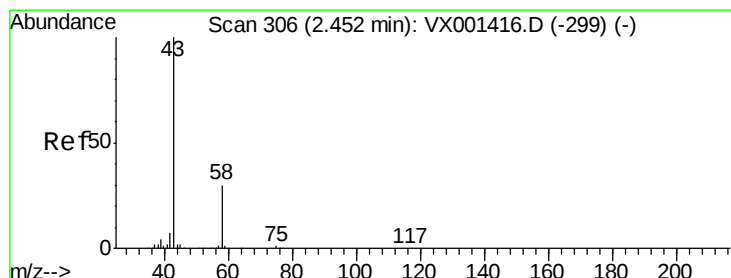
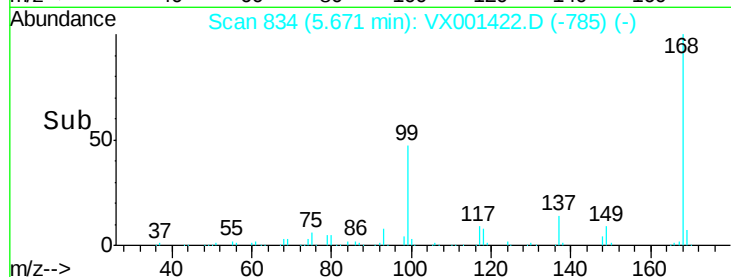
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 3.835 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001422.D

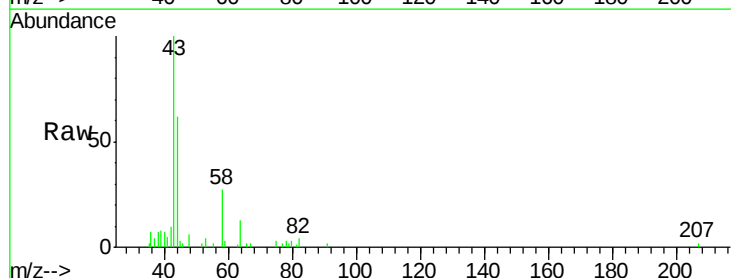
Acq: 05 May 2018 17:01

Tgt Ion: 43 Resp: 6332

Ion Ratio Lower Upper

43 100

58 27.6 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

4000

3000

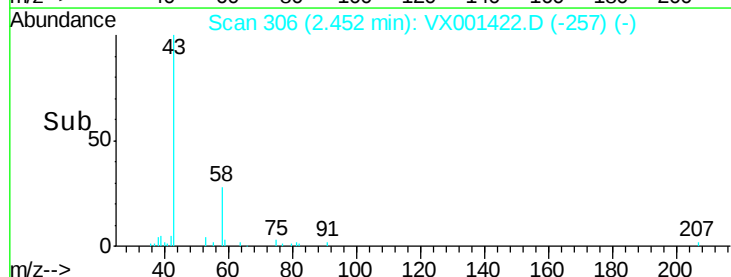
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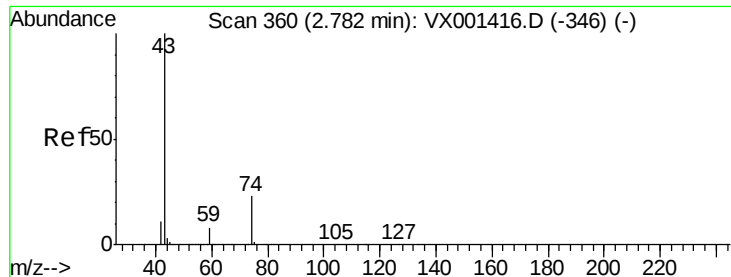
1000

0

2.35 2.40 2.45 2.50 2.55

Time-->

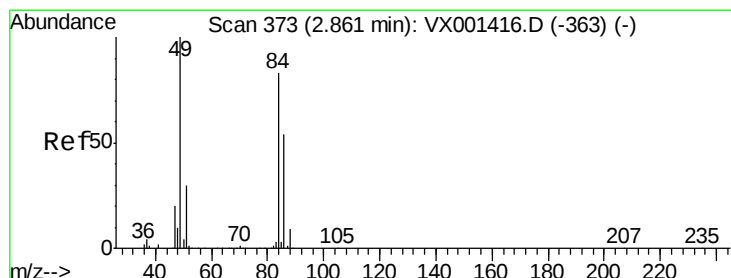
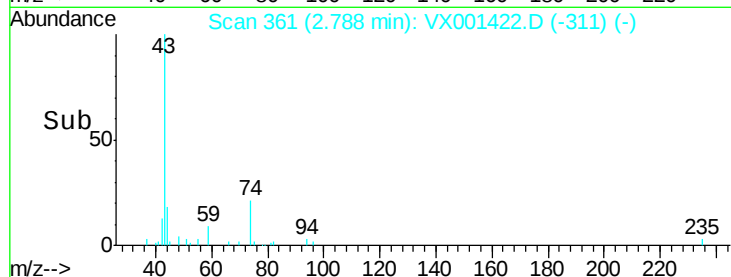
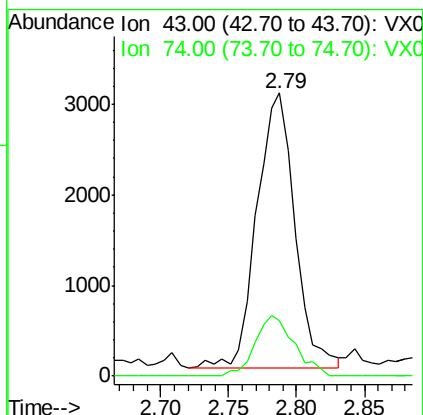
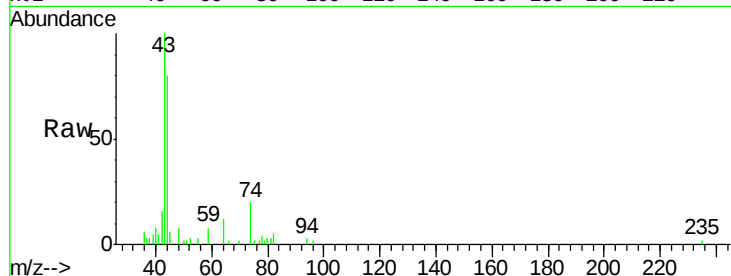




#18
Methvl Acetate
Concen: 1.371 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

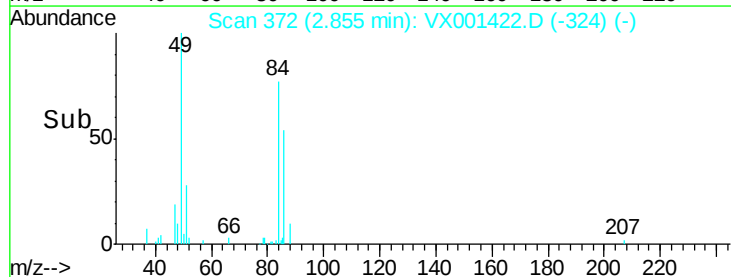
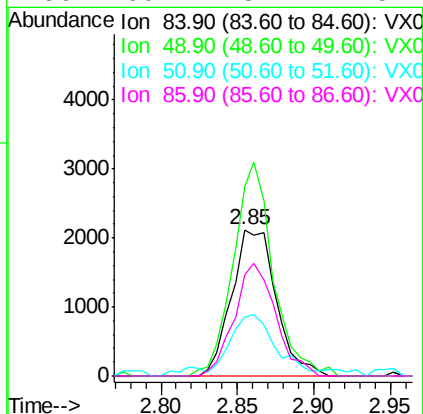
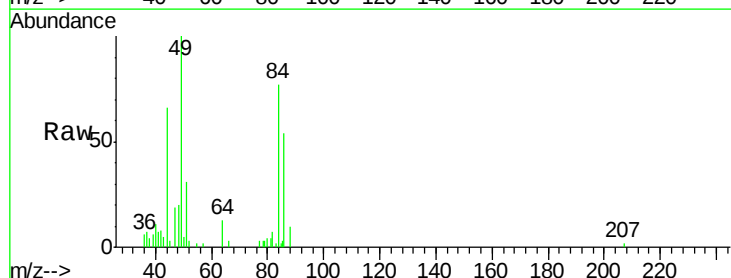
Instrument :
MSVOA_X
ClientSampleId :
TP-1

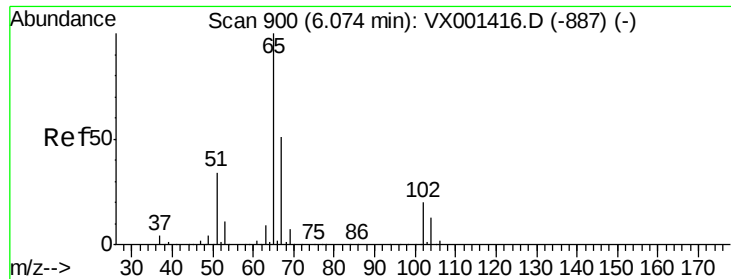
Tot Ion: 43 Resp: 5947
Ion Ratio Lower Upper
43 100
74 22.8 18.6 27.8



#20
Methylene Chloride
Concen: 1.316 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Tgt Ion: 84 Resp: 4303
Ion Ratio Lower Upper
84 100
49 129.5 96.6 144.8
51 35.5 29.0 43.4
86 69.4 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 44.585 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001422.D

Acq: 05 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

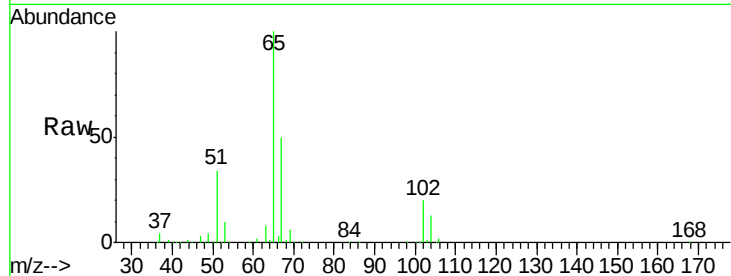
TP-1

Tot Ion: 65 Resp: 162124

Ion Ratio Lower Upper

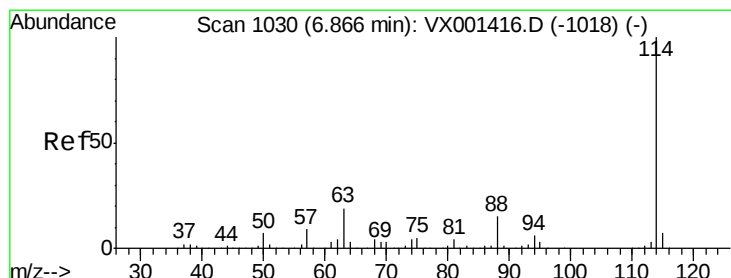
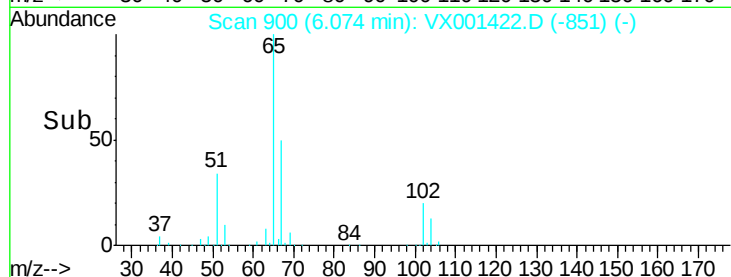
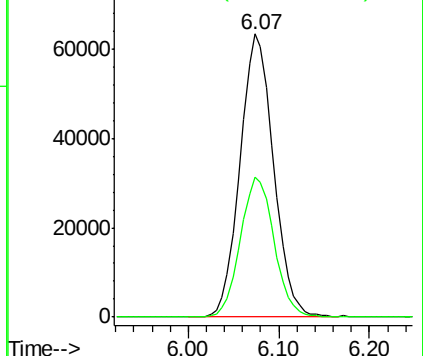
65 100

67 49.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001422.D

Acq: 05 May 2018 17:01

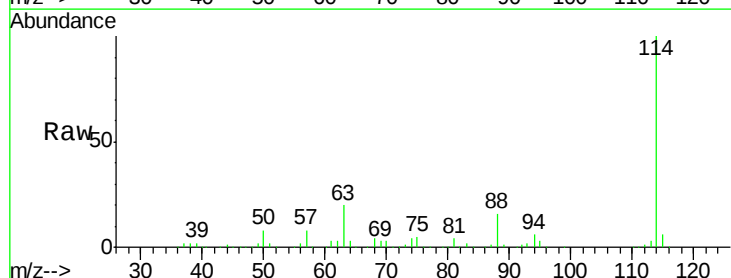
Tgt Ion: 114 Resp: 338537

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

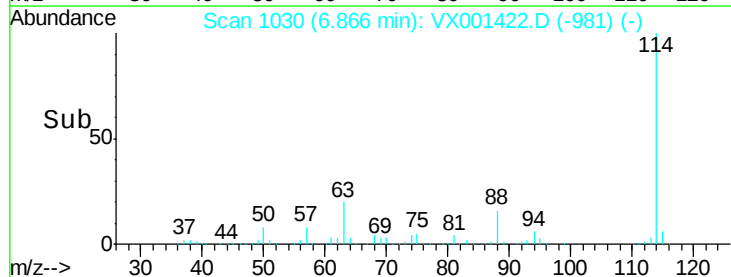
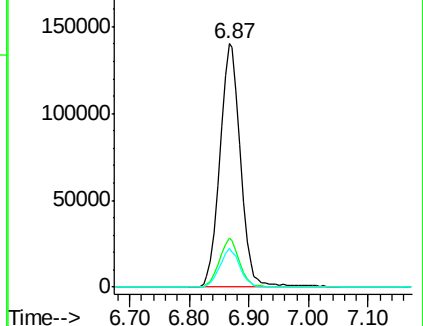
88 15.7 0.0 30.8

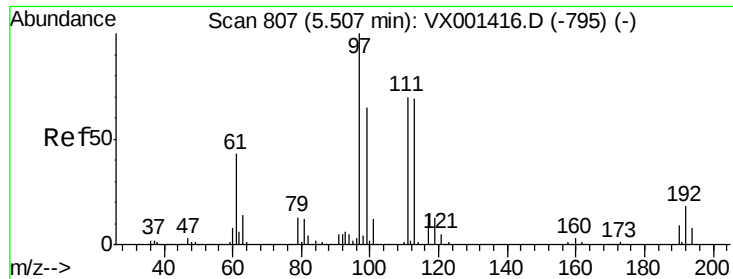


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

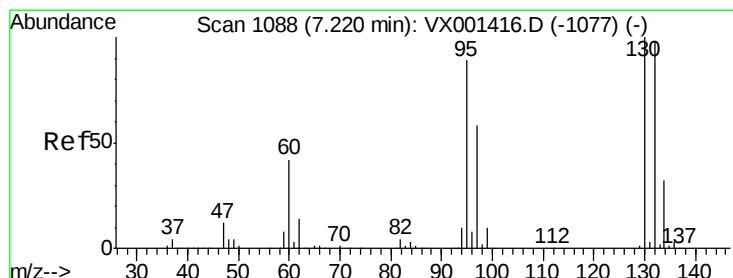
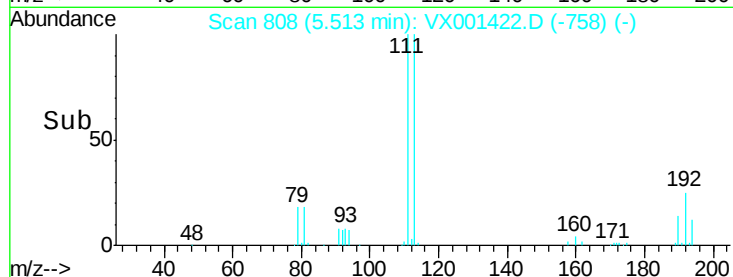
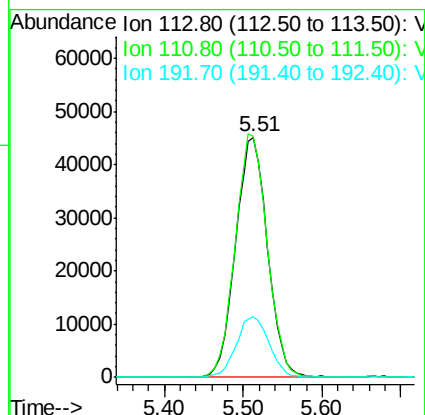
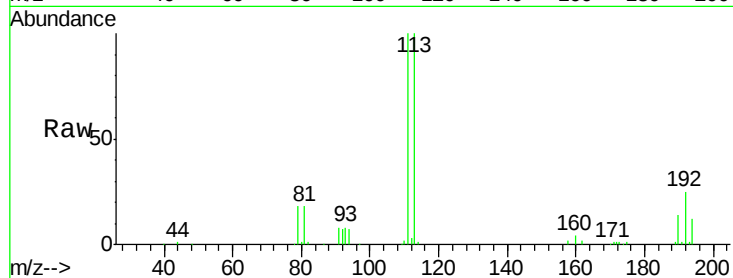




#35
Dibromofluoromethane
Concen: 42.171 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

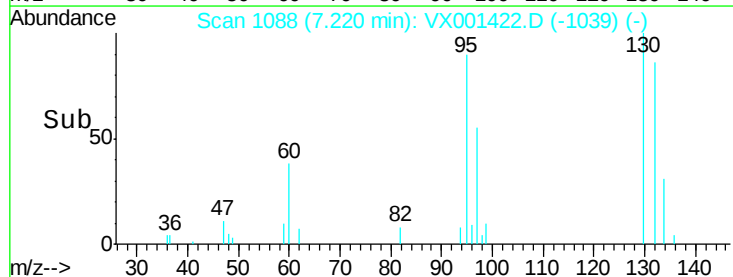
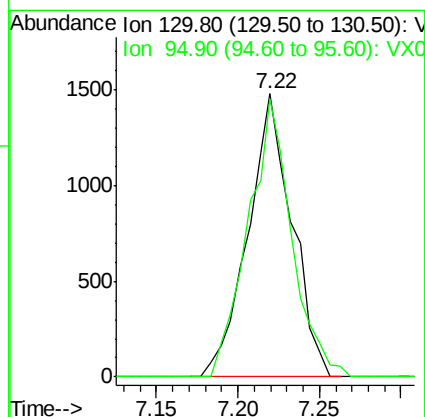
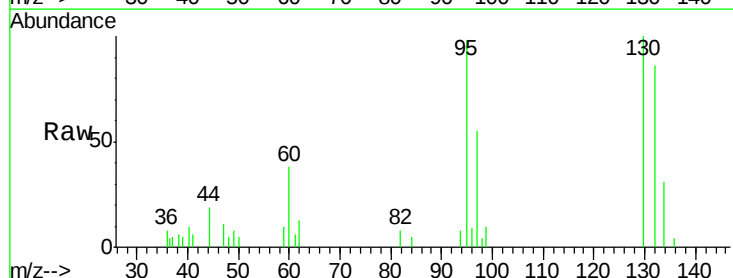
Instrument :
MSVOA_X
ClientSampled :
TP-1

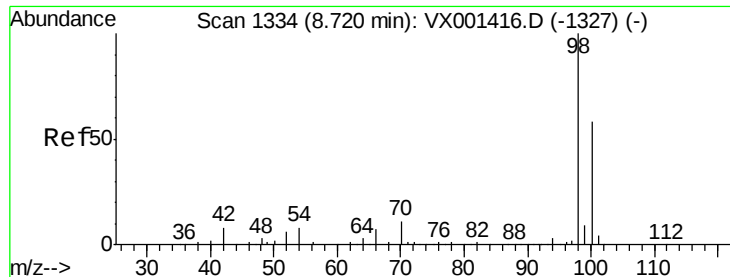
Tot Ion:113 Resp: 126987
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 26.0 21.4 32.0



#44
Trichloroethene
Concen: 0.721 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Tgt Ion:130 Resp: 2772
Ion Ratio Lower Upper
130 100
95 98.2 0.0 178.4





#50

Toluene-d8

Concen: 41.448 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001422.D

Acq: 05 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

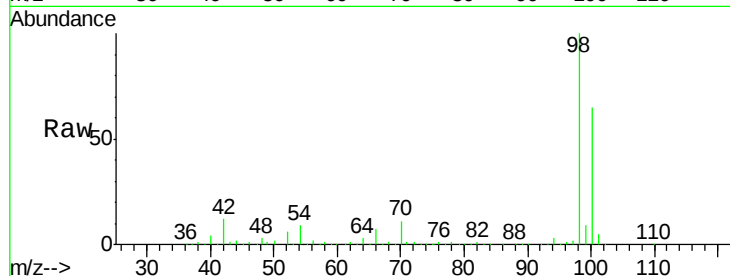
TP-1

Tot Ion: 98 Resp: 455574

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

8.72

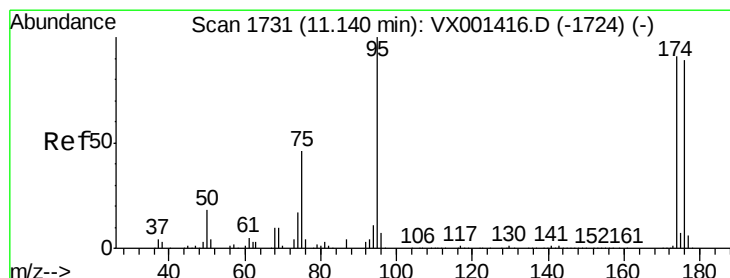
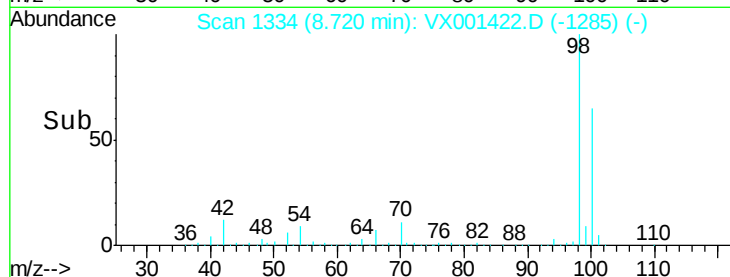
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.512 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001422.D

Acq: 05 May 2018 17:01

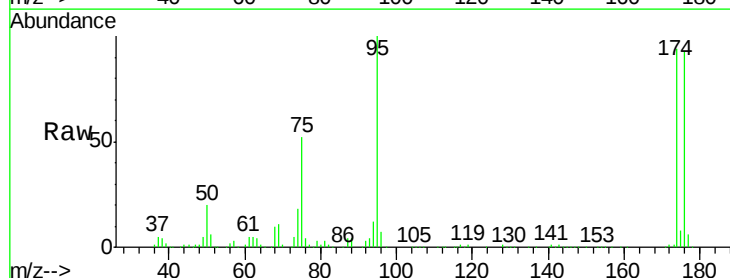
Tgt Ion: 95 Resp: 141401

Ion Ratio Lower Upper

95 100

174 101.0 0.0 202.0

176 98.2 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

11.14

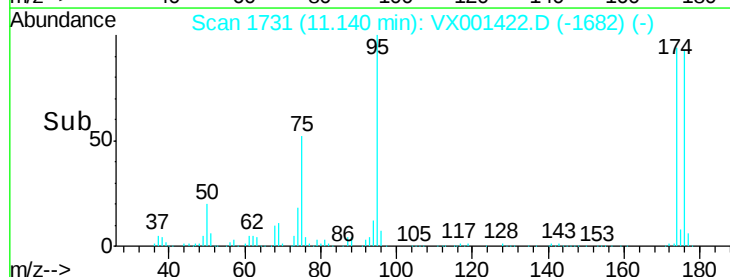
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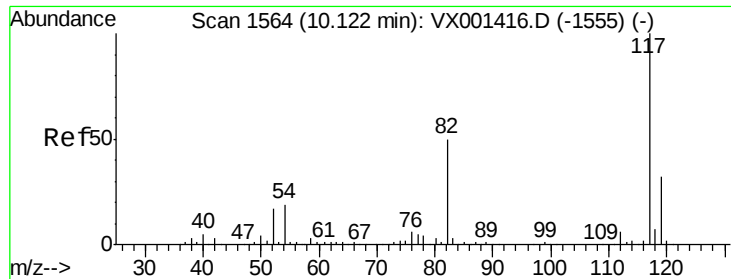
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50000

0

Time-->

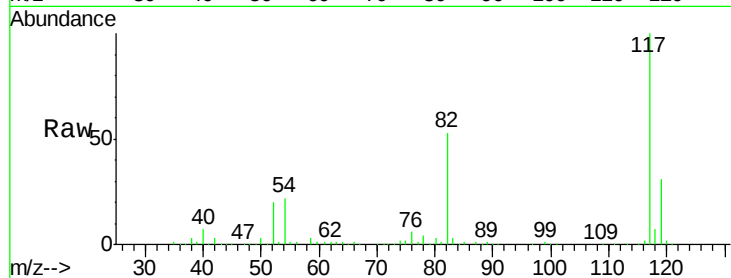




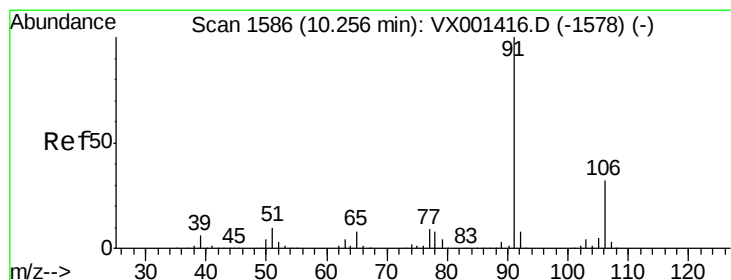
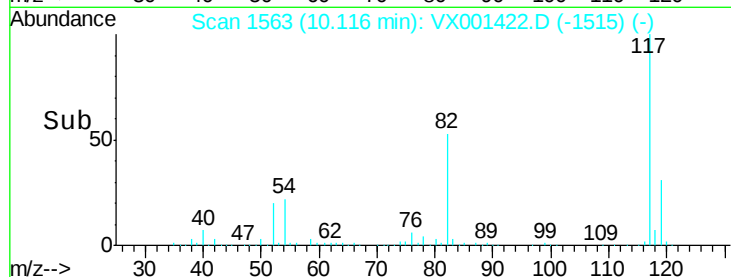
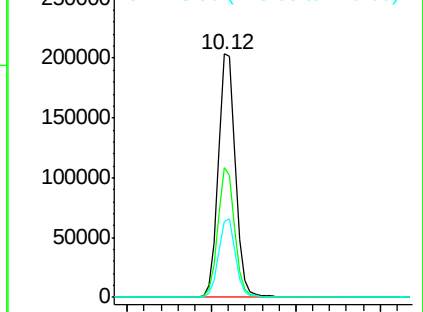
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion:117 Resp: 288535
Ion Ratio Lower Upper
117 100
82 53.4 40.0 60.0
119 31.3 25.8 38.8

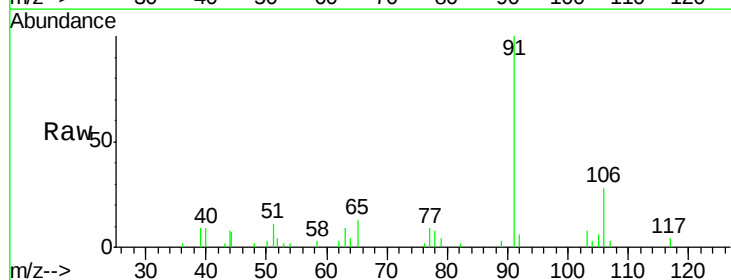


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

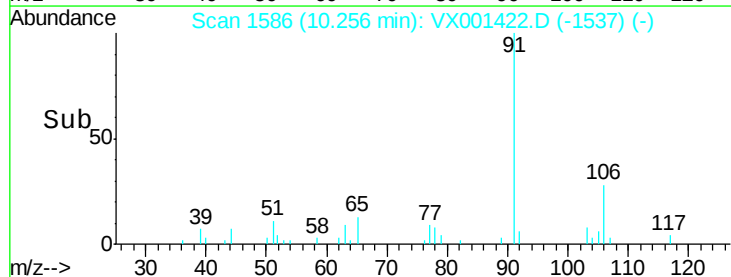
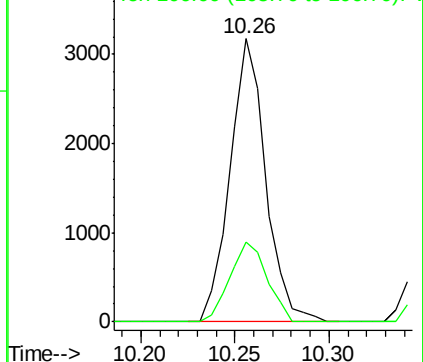


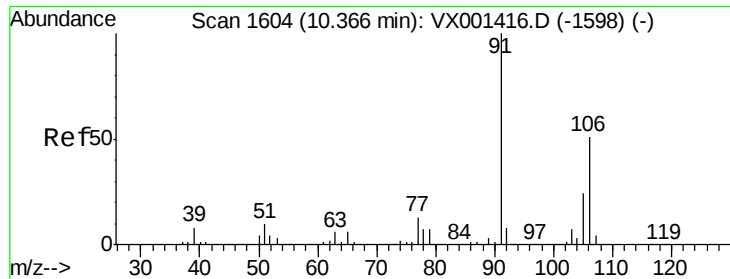
#67
Ethyl Benzene
Concen: 0.299 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Tgt Ion: 91 Resp: 4153
Ion Ratio Lower Upper
91 100
106 28.3 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

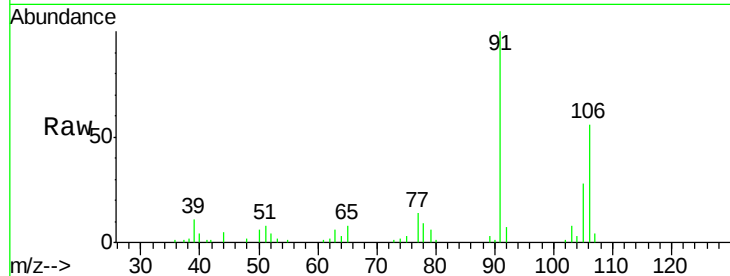




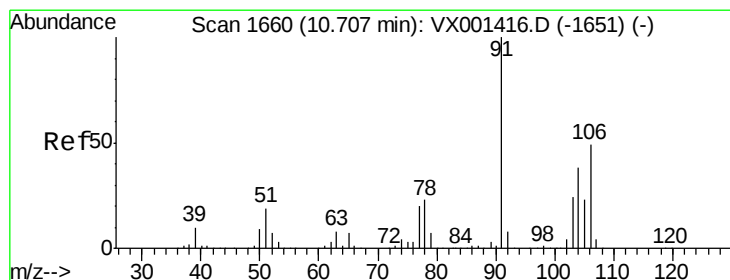
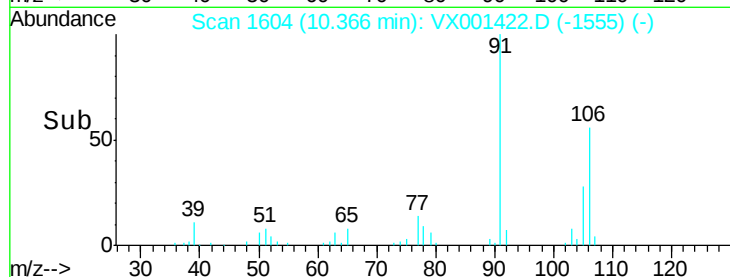
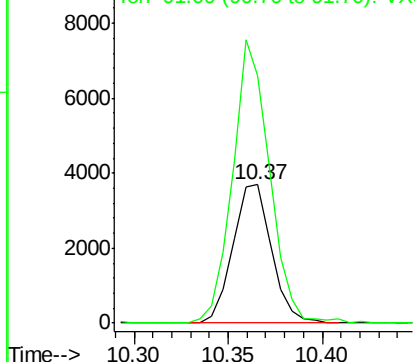
#68
m/p-Xvlenes
Concen: 0.959 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion:106 Resp: 5258
Ion Ratio Lower Upper
106 100
91 195.0 157.5 236.3

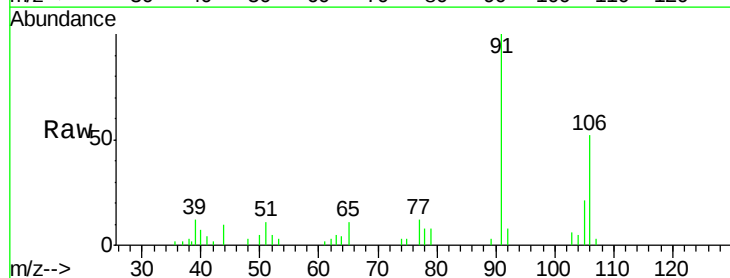


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

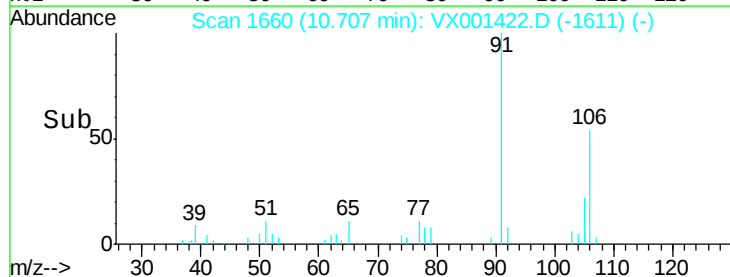
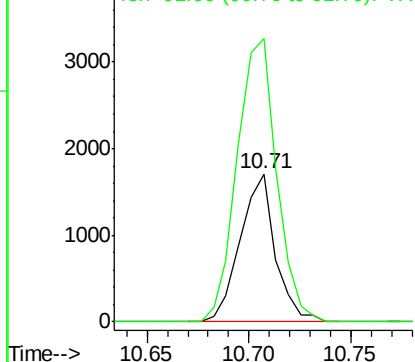


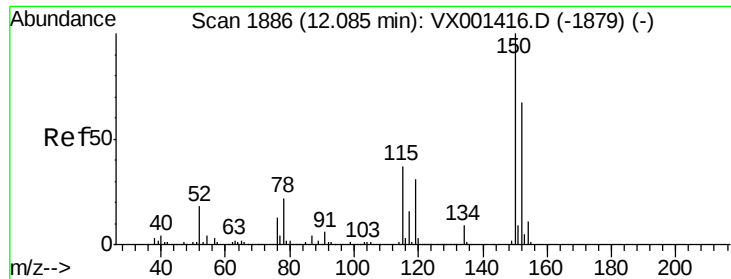
#69
o-Xylene
Concen: 0.384 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Tgt Ion:106 Resp: 2047
Ion Ratio Lower Upper
106 100
91 215.0 103.1 309.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



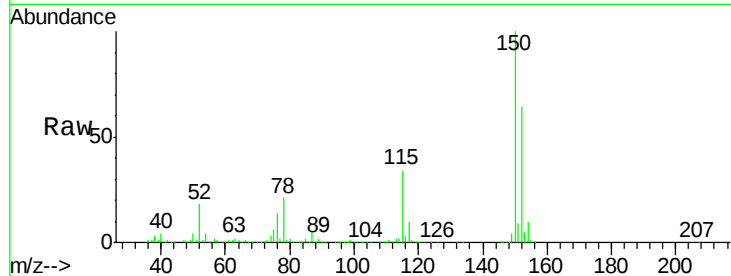


#72

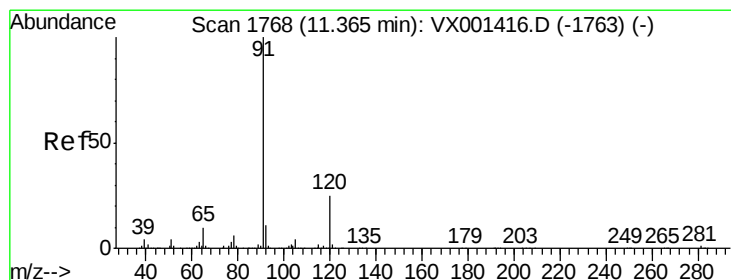
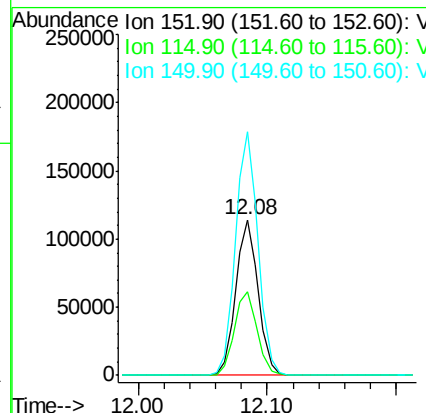
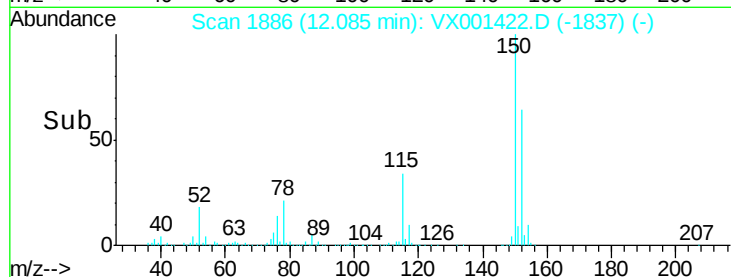
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	37.7	113.1
150	157.4	0.0	349.4



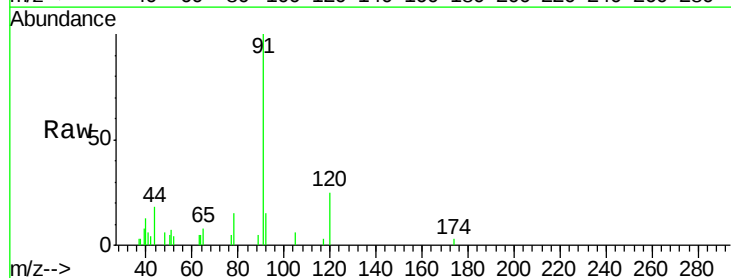
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



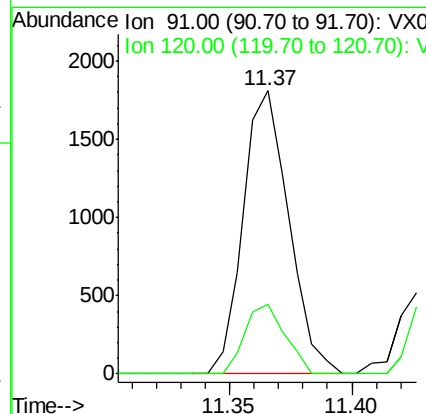
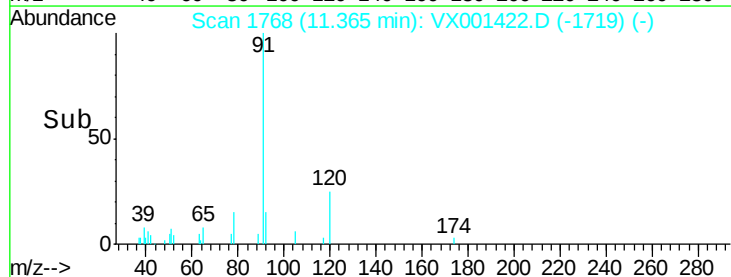
#78

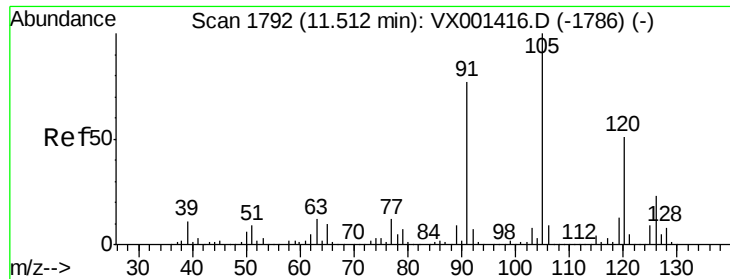
n-propylbenzene
Concen: 0.224 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001422.D
Acq: 05 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

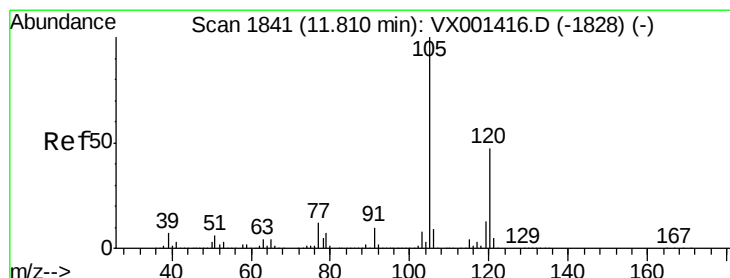
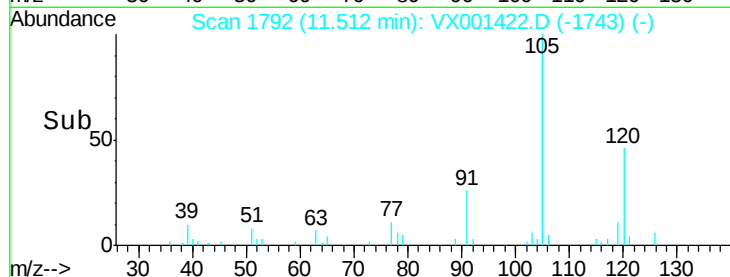
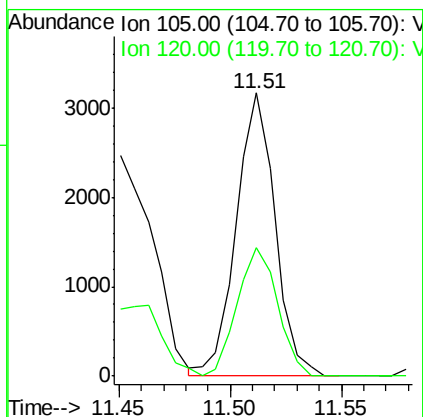
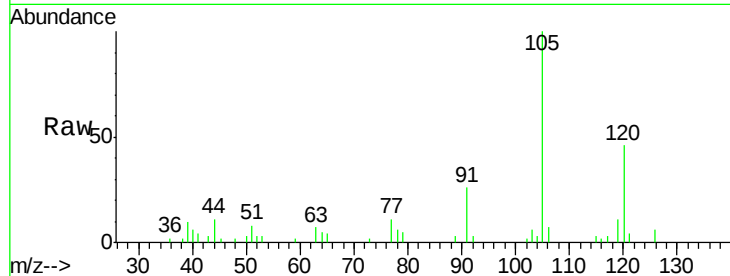




#80
 1,3,5-Trimethylbenzene
 Concen: 0.480 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001422.D
 Acq: 05 May 2018 17:01

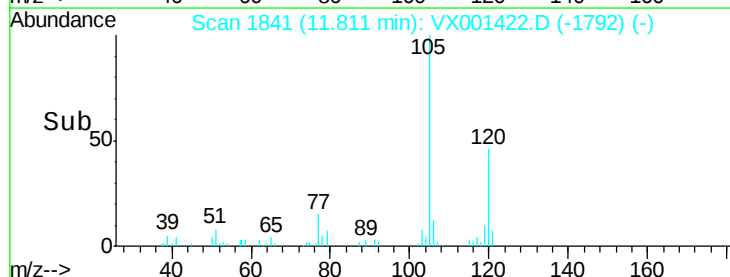
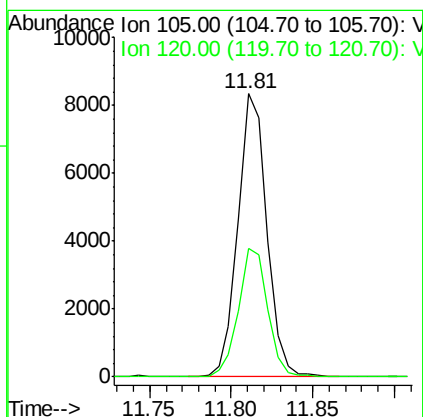
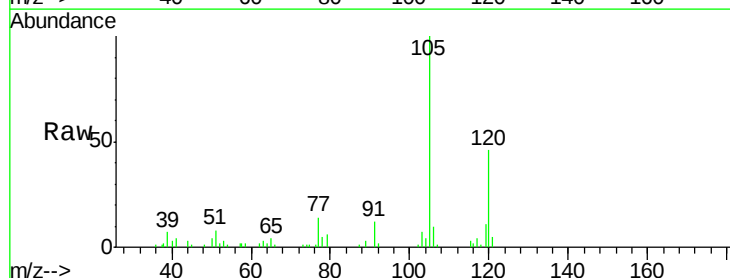
Instrument :
 MSVOA_X
 ClientSampled :
 TP-1

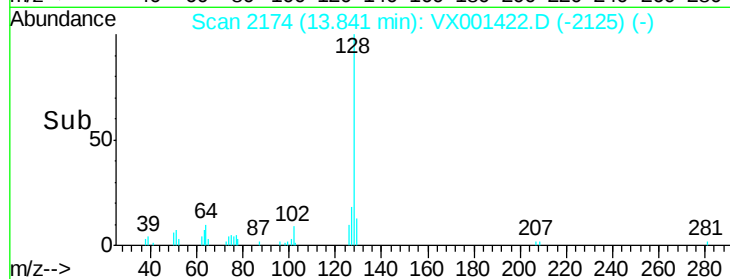
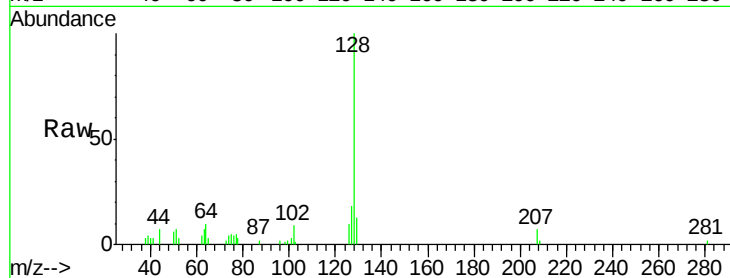
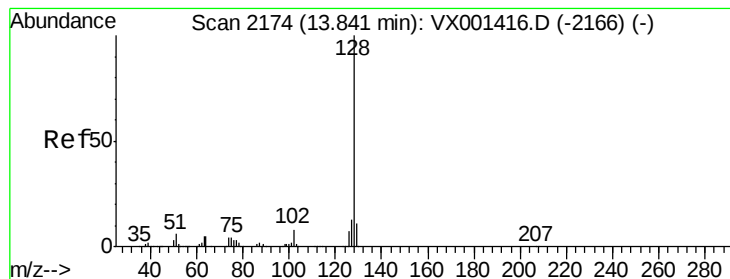
Tot Ion:105 Resp: 3850
 Ion Ratio Lower Upper
 105 100
 120 47.1 25.7 77.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.256 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001422.D
 Acq: 05 May 2018 17:01

Tgt Ion:105 Resp: 10354
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.2





#95

Naphthalene

Concen: 0.535 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001422.D

Acq: 05 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tot Ion:128 Resp: 5517

Ion Ratio Lower Upper

128 100

127 17.1 10.4 15.6#

129 12.2 8.7 13.1

