

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071718\
 Data File : VX003437.D
 Acq On : 17 Jul 2018 19:28
 Operator : JC/MD
 Sample : J3829-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-C

Quant Time: Jul 18 01:03:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234019	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	171822	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
35) Dibromofluoromethane	5.51	113	154886	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	8.72	98	643887	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	
62) 4-Bromofluorobenzene	11.14	95	213500	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	692	0.21	ug/l	97
5) Bromomethane	1.67	94	1430	Below	Cal #	73
6) Chloroethane	1.68	64	135	Below	Cal #	65
10) Methyl Iodide	2.51	142	1130	0.34	ug/l	90
11) Tert butyl alcohol	3.07	59	540	0.66	ug/l	96
13) Acrolein	2.30	56	233	0.60	ug/l #	14
14) Allyl chloride	2.86	41	74065	14.05	ug/l #	24
16) Acetone	2.45	43	29077	19.36	ug/l	91
18) Methyl Acetate	2.78	43	28400	5.80	ug/l	98
20) Methylene Chloride	2.86	84	1843921	380.10	ug/l	92
25) 2-Butanone	4.71	43	6302	2.68	ug/l #	83
28) Bromochloromethane	5.21	49	594	0.24	ug/l #	13
29) Tetrahydrofuran	5.17	42	2532	1.70	ug/l	92
30) Chloroform	5.23	83	7011	1.31	ug/l	90
36) 1,1-Dichloropropene	5.67	75	17634	4.39	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24142	5.90	ug/l #	16
47) Bromodichloromethane	7.90	83	2341	0.60	ug/l	100
48) Methyl methacrylate	7.72	41	1207	0.35	ug/l #	19
51) 4-Methyl-2-Pentanone	8.66	43	1774	0.39	ug/l	93
52) Toluene	8.79	92	8872	1.16	ug/l	100
60) Dibromochloromethane	9.59	129	641	0.20	ug/l	97
64) Tetrachloroethene	9.34	164	834	0.21	ug/l	89
67) Ethyl Benzene	10.26	91	14991	1.03	ug/l	96
68) m/p-Xylenes	10.36	106	13337	2.38	ug/l	98
69) o-Xylene	10.70	106	5733	1.07	ug/l	95
70) Styrene	10.71	104	6667	0.75	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	102093	24.10	ug/l #	33
78) n-propylbenzene	11.36	91	6252	0.37	ug/l	99
79) 2-Chlorotoluene	11.44	91	4547	0.44	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.51	105	11770	0.96	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	102093	78.29	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.81	105	41000	3.26	ug/l	95
89) n-Butylbenzene	12.39	91	4168	0.38	ug/l #	50
90) Hexachloroethane	12.62	117	1267	0.65	ug/l #	1

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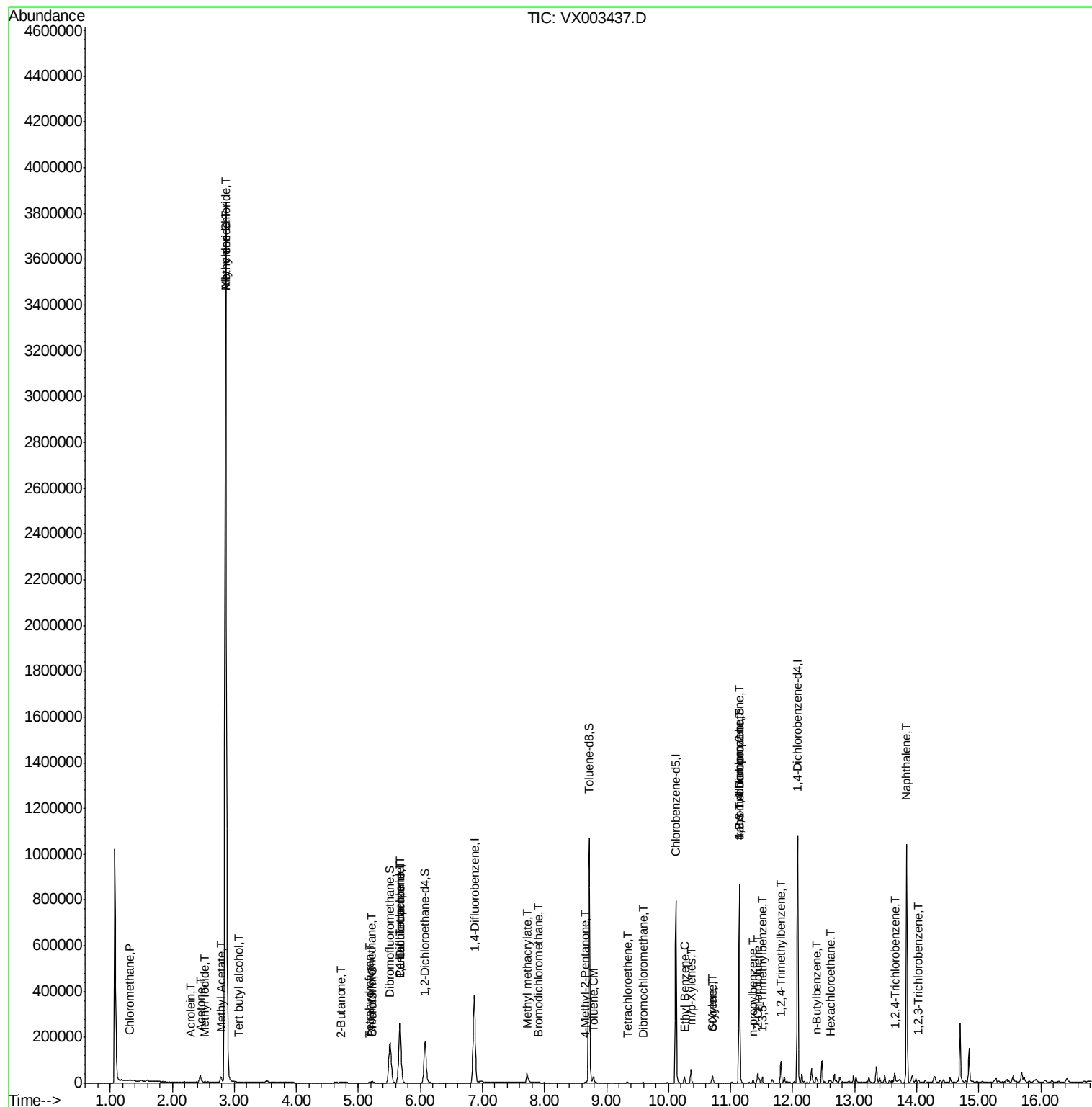
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	7681	1.43	ug/l	96
95) Naphthalene	13.83	128	646860	42.16	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1317	0.24	ug/l #	84

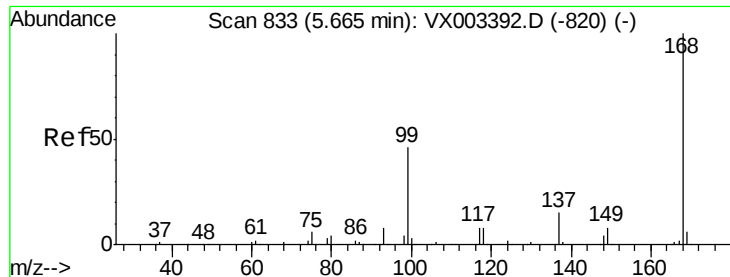
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

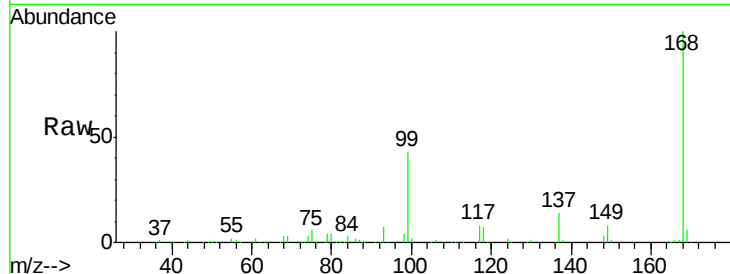
PL-01-071318-C

Tot Ion:168 Resp: 275786

Ion Ratio Lower Upper

168 100

99 43.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

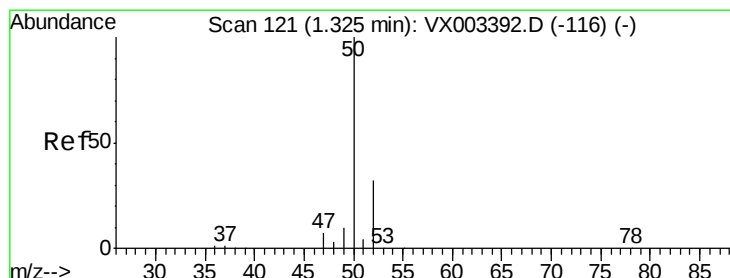
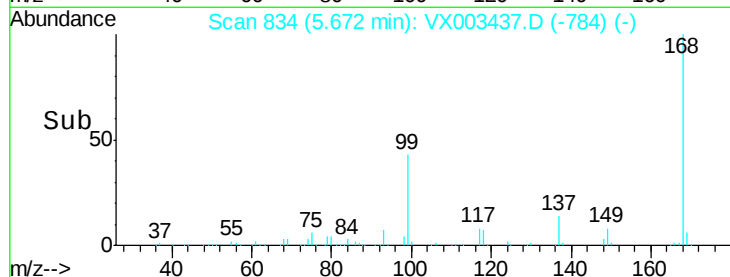
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003437.D

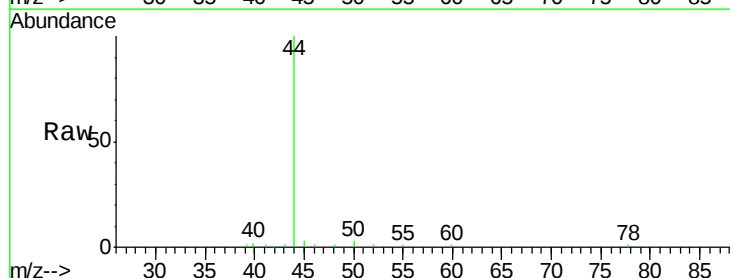
Acq: 17 Jul 2018 19:28

Tgt Ion: 50 Resp: 692

Ion Ratio Lower Upper

50 100

52 34.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

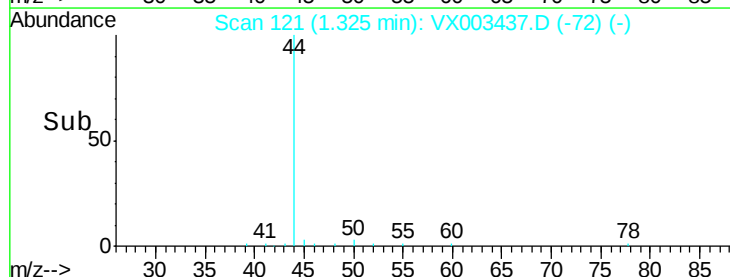
300

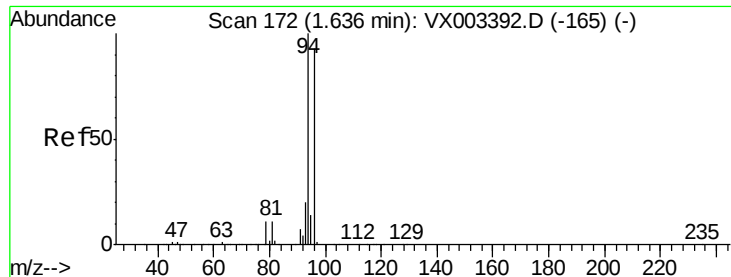
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

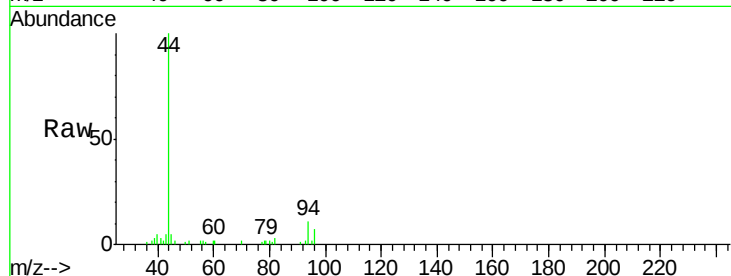
PL-01-071318-C

Tot Ion: 94 Resp: 1430

Ion Ratio Lower Upper

94 100

96 67.3 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

500

400

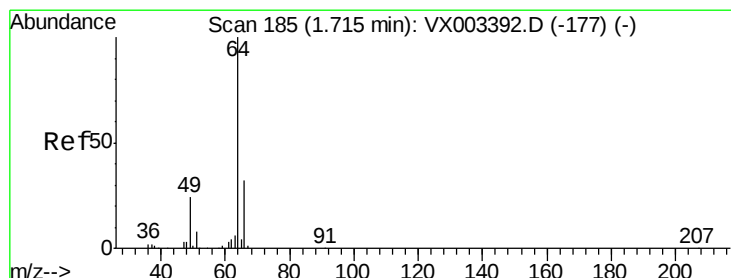
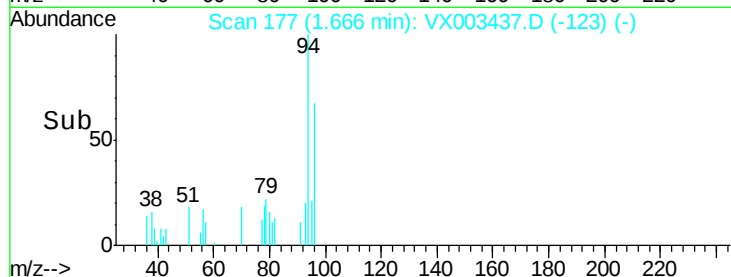
300

200

100

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 179

Delta R.T. -0.04 min

Lab File: VX003437.D

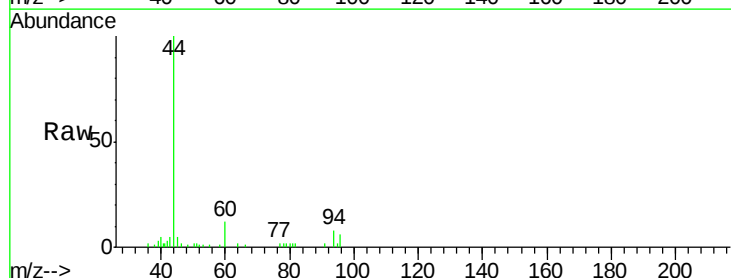
Acq: 17 Jul 2018 19:28

Tgt Ion: 64 Resp: 135

Ion Ratio Lower Upper

64 100

66 51.5 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

100

80

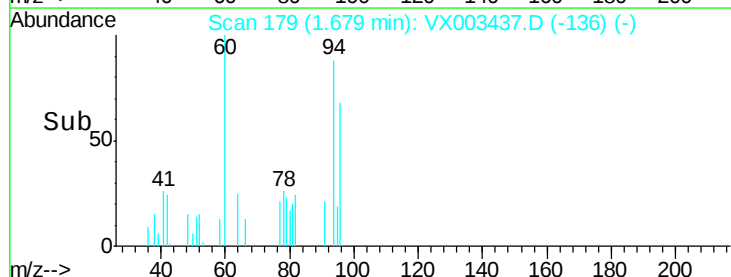
60

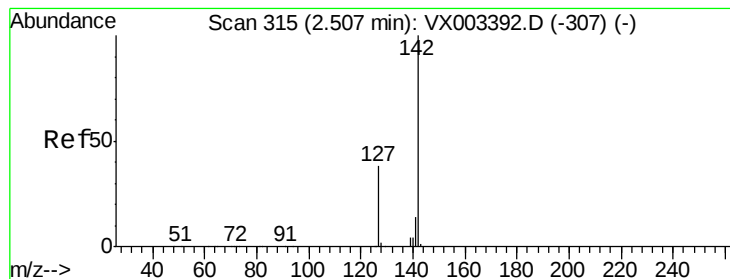
40

20

0

Time-->





#10

Methvl Iodide

Concen: 0.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-C

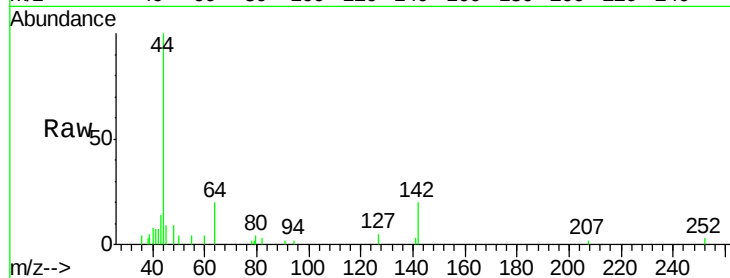
Tot Ion:142 Resp: 1130

Ion Ratio Lower Upper

142 100

127 37.7 36.6 55.0

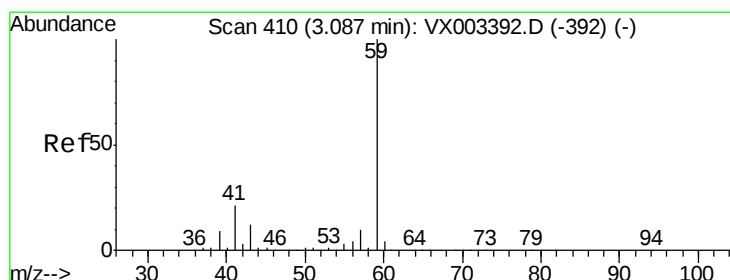
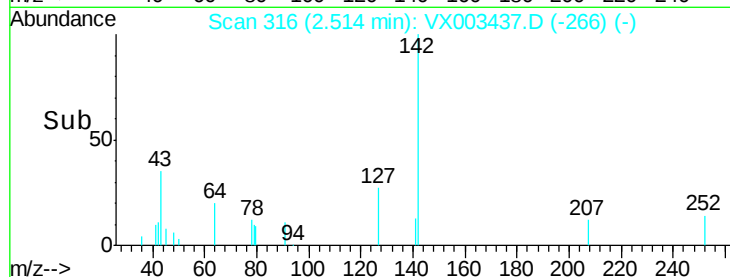
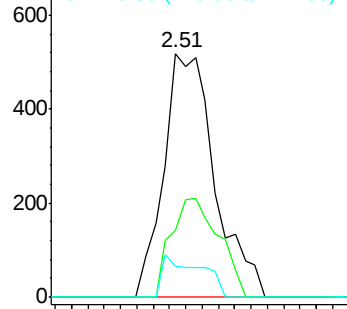
141 12.9 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.66 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.02 min

Lab File: VX003437.D

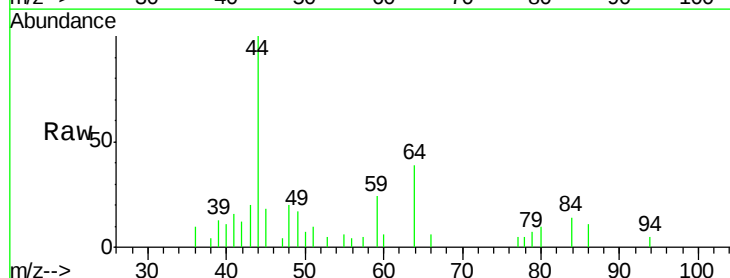
Acq: 17 Jul 2018 19:28

Tgt Ion: 59 Resp: 540

Ion Ratio Lower Upper

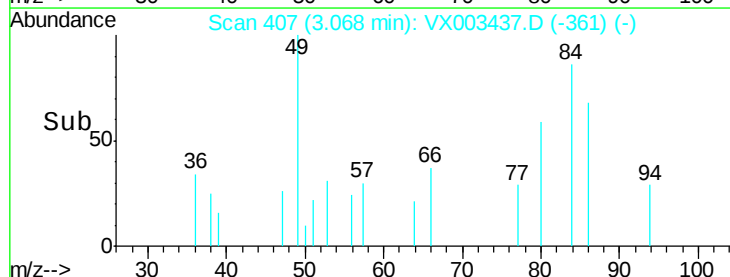
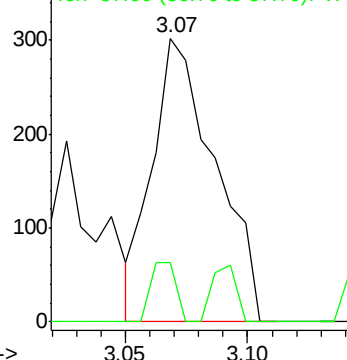
59 100

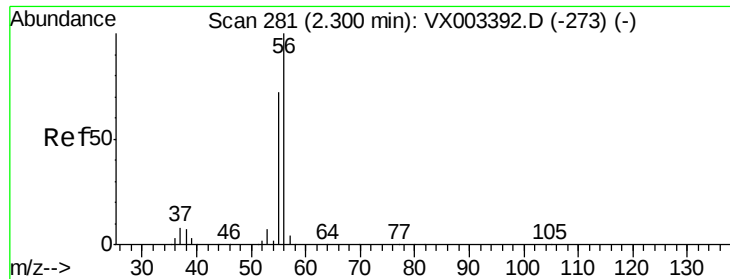
57 8.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.60 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

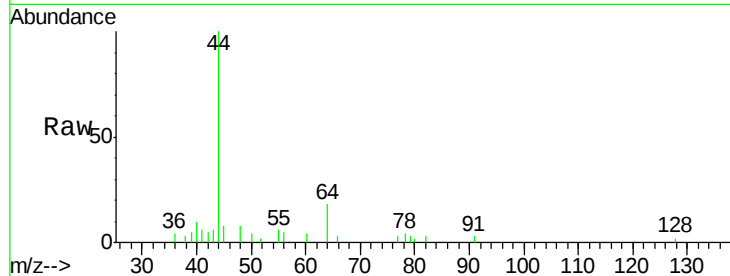
PL-01-071318-C

Tot Ion: 56 Resp: 233

Ion Ratio Lower Upper

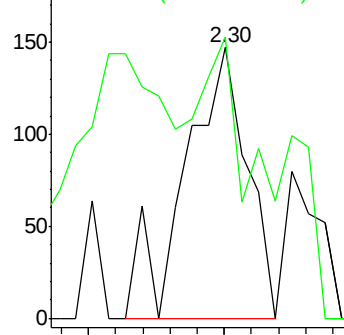
56 100

55 0.0 57.0 85.4#

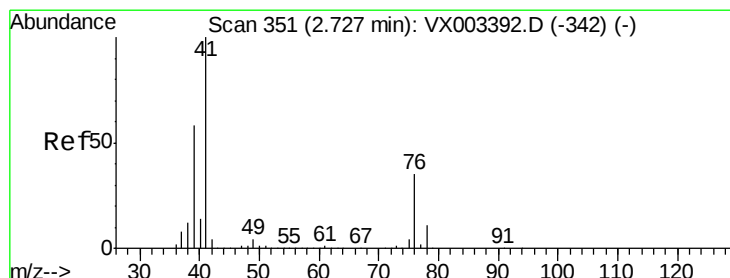
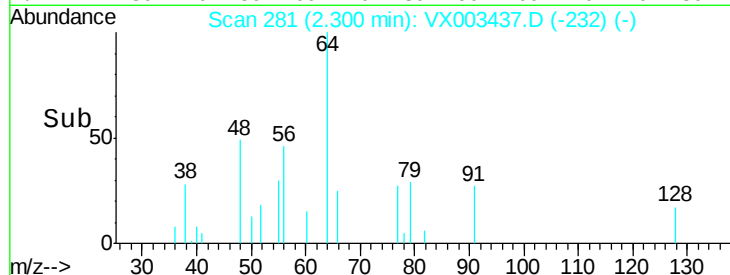


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 14.05 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.13 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

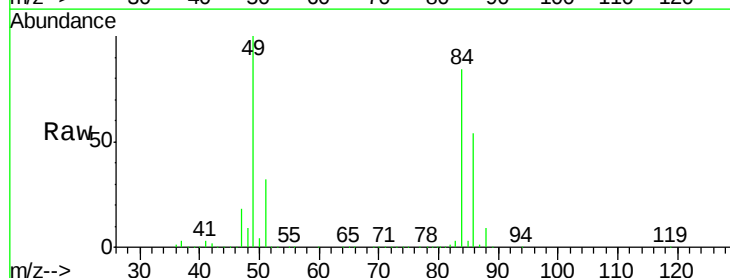
Tgt Ion: 41 Resp: 74065

Ion Ratio Lower Upper

41 100

39 0.8 56.8 85.2#

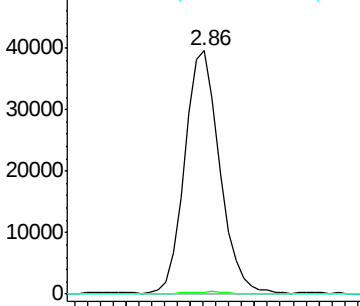
76 0.0 23.8 35.8#



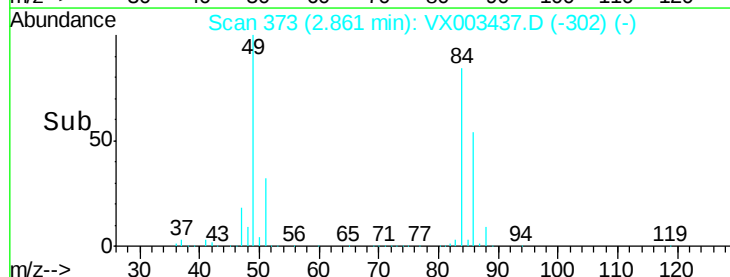
Abundance Ion 41.00 (40.70 to 41.70): VX0

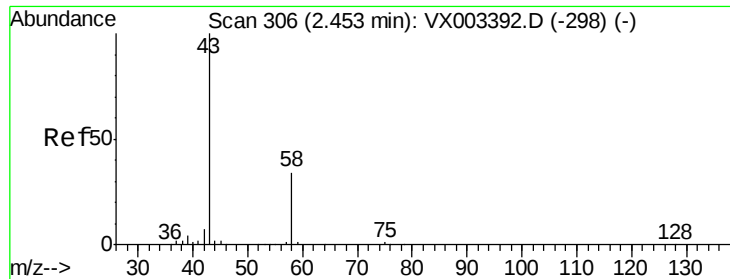
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#16

Acetone

Concen: 19.36 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

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ClientSampleId :

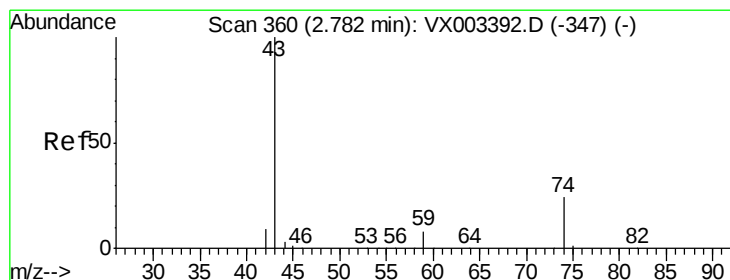
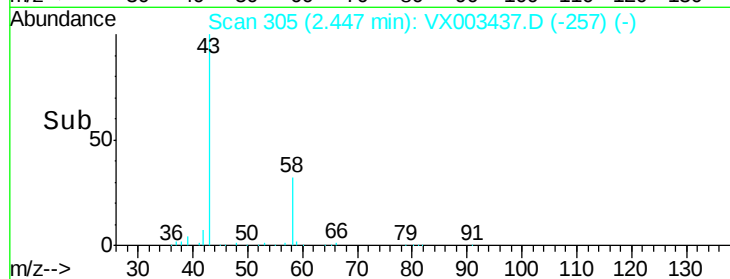
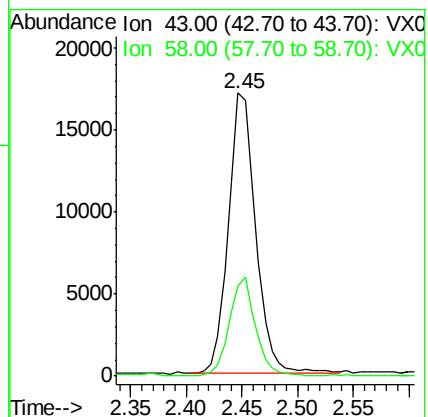
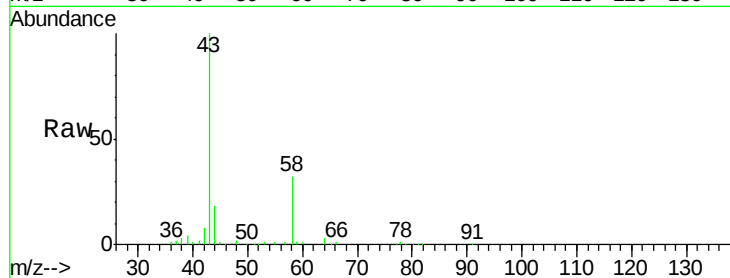
PL-01-071318-C

Tot Ion: 43 Resp: 29077

Ion Ratio Lower Upper

43 100

58 32.1 22.1 33.1



#18

Methyl Acetate

Concen: 5.80 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003437.D

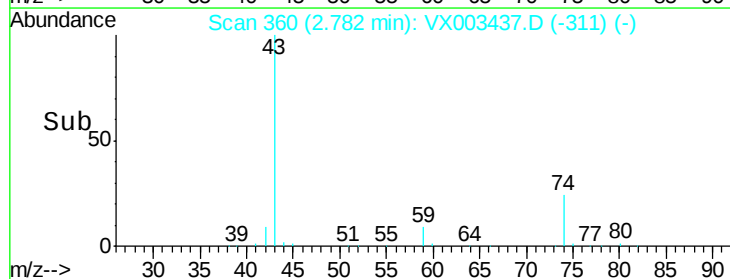
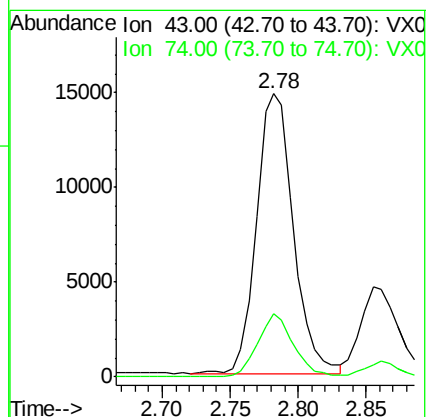
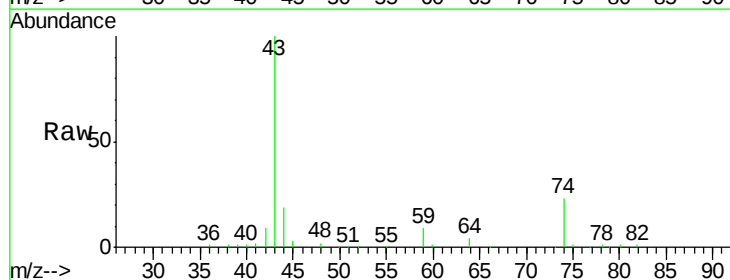
Acq: 17 Jul 2018 19:28

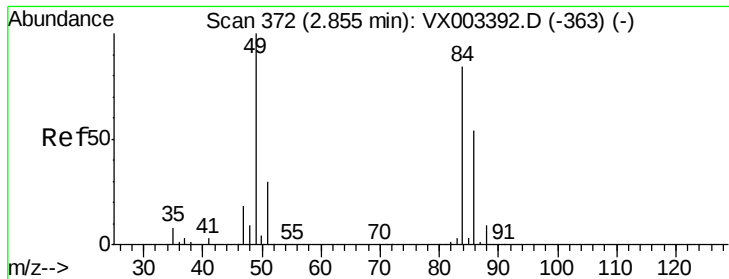
Tgt Ion: 43 Resp: 28400

Ion Ratio Lower Upper

43 100

74 21.7 16.7 25.1



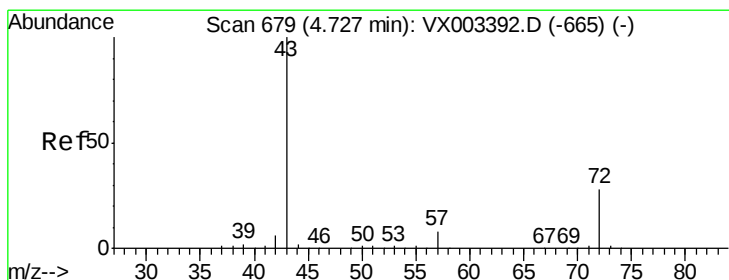
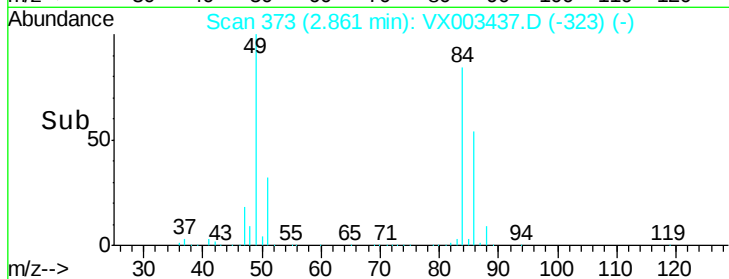
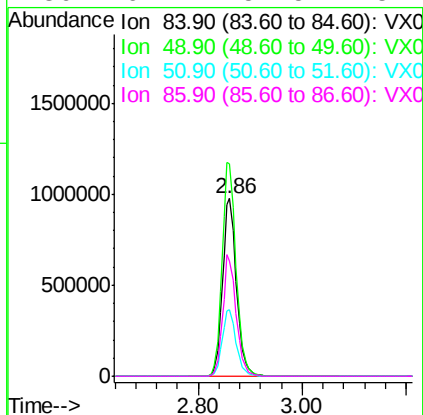
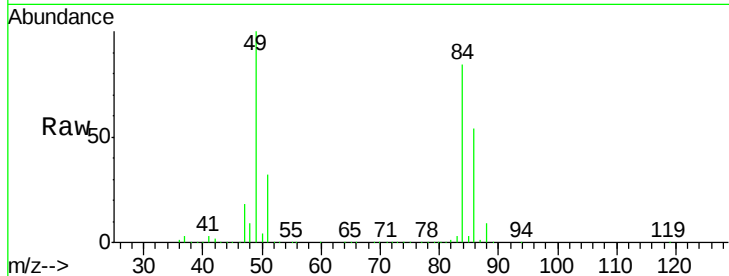


#20
Methylene Chloride
Concen: 380.10 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-C

Tot Ion: 84 Resp: 1843921

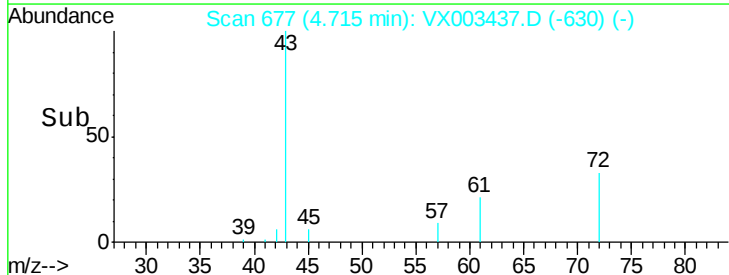
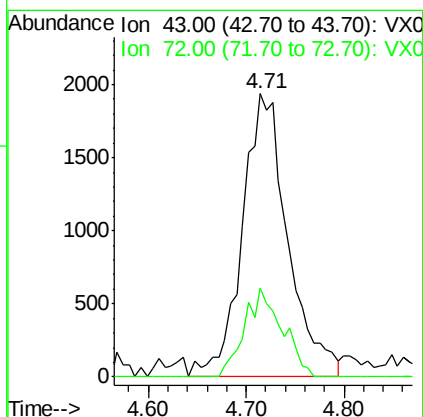
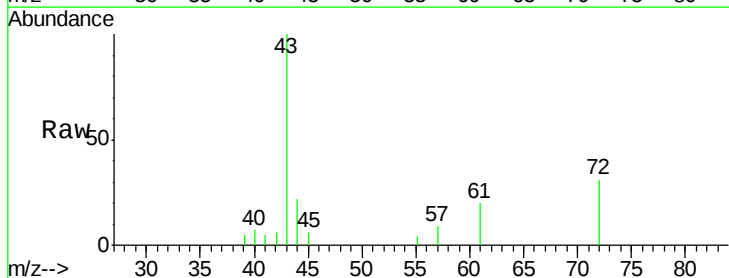
Ion	Ratio	Lower	Upper
84	100		
49	119.3	107.8	161.6
51	37.6	32.8	49.2
86	64.7	52.5	78.7

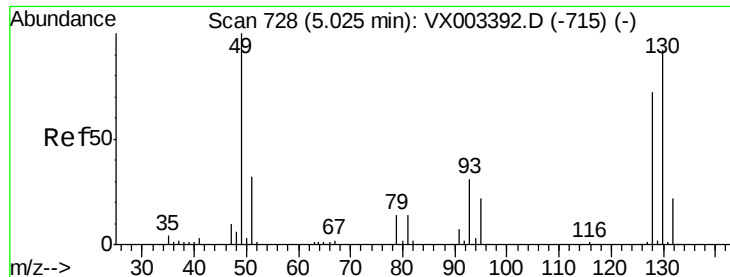


#25
2-Butanone
Concen: 2.68 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

Tgt Ion: 43 Resp: 6302

Ion	Ratio	Lower	Upper
43	100		
72	31.2	18.5	27.7#





#28

Bromochloromethane

Concen: 0.24 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.19 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-C

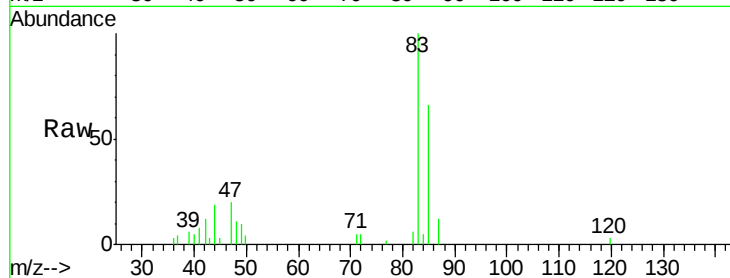
Tot Ion: 49 Resp: 594

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

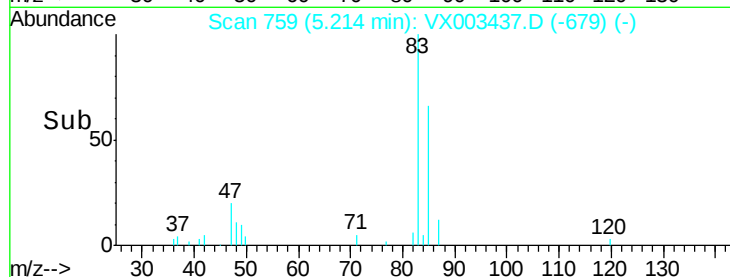


Abundance Ion 48.90 (48.60 to 49.60): VX0

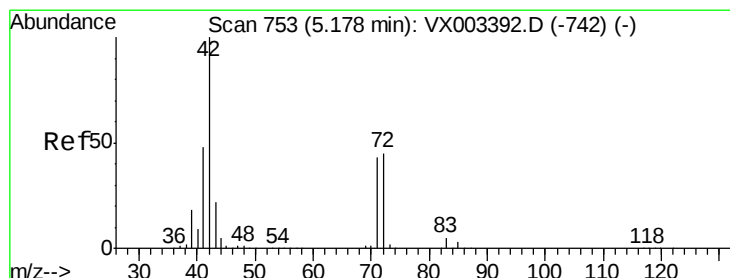
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->



Time-->



#29

Tetrahydrofuran

Concen: 1.70 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

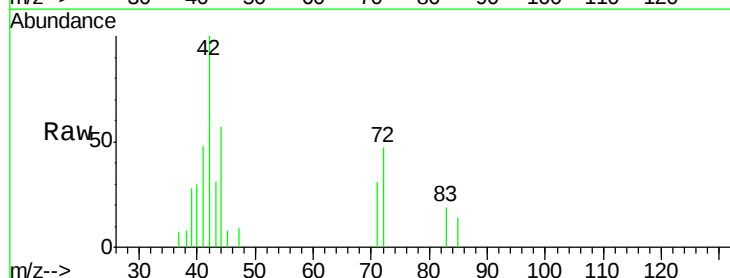
Tgt Ion: 42 Resp: 2532

Ion Ratio Lower Upper

42 100

72 44.1 32.0 48.0

71 42.9 30.1 45.1

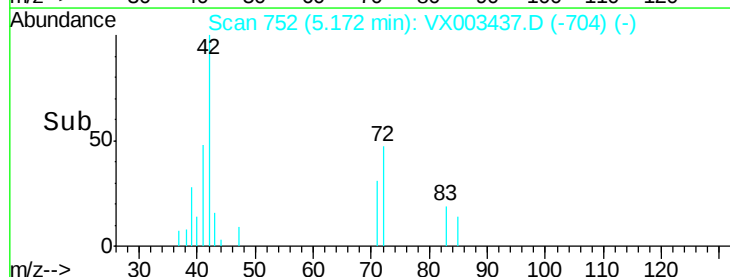


Abundance Ion 42.00 (41.70 to 42.70): VX0

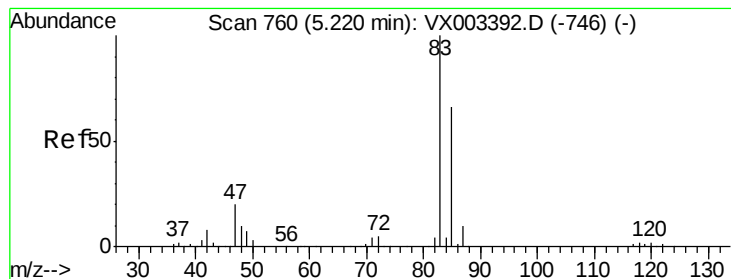
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

Time-->



Time-->



#30

Chloroform

Concen: 1.31 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

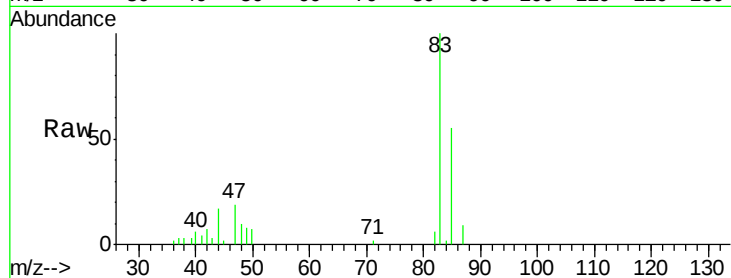
PL-01-071318-C

Tot Ion: 83 Resp: 7011

Ion Ratio Lower Upper

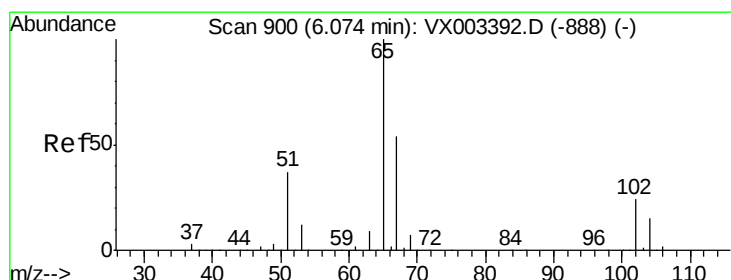
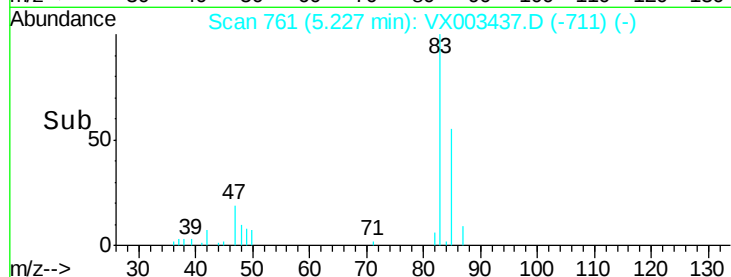
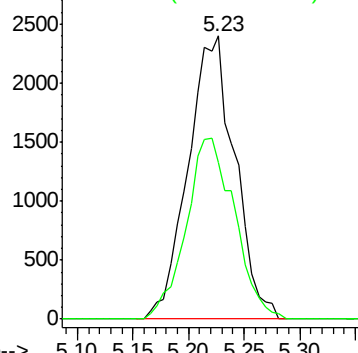
83 100

85 55.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003437.D

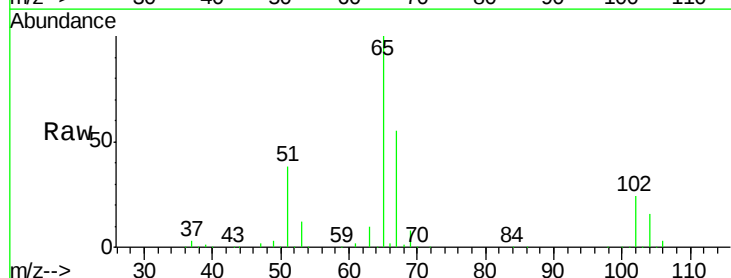
Acq: 17 Jul 2018 19:28

Tgt Ion: 65 Resp: 171822

Ion Ratio Lower Upper

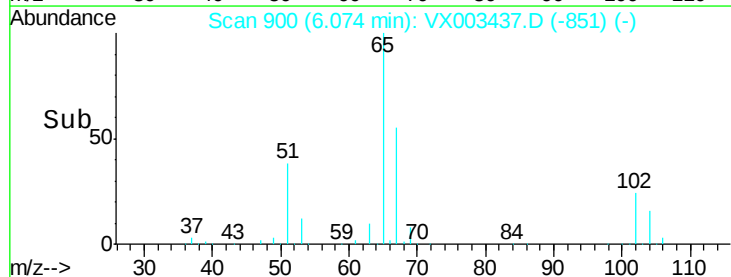
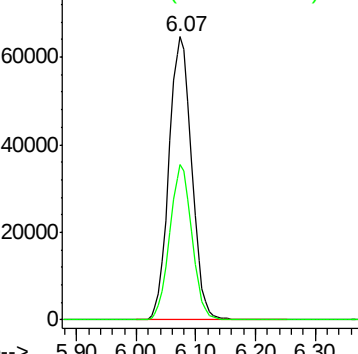
65 100

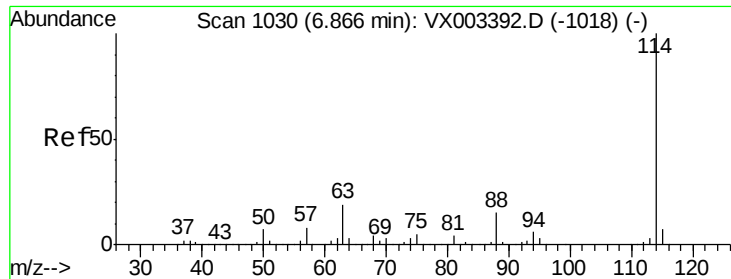
67 53.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

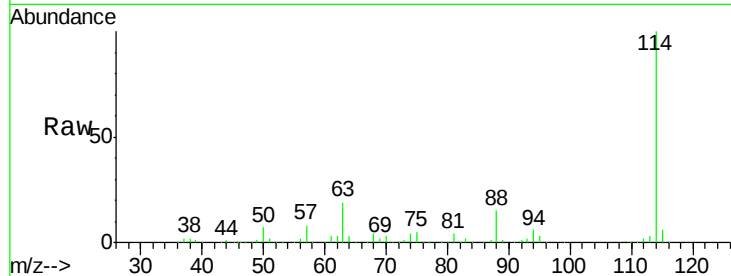




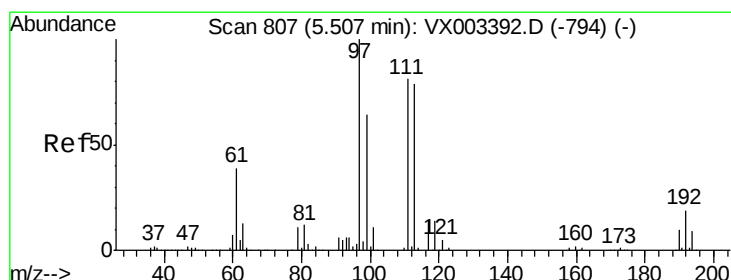
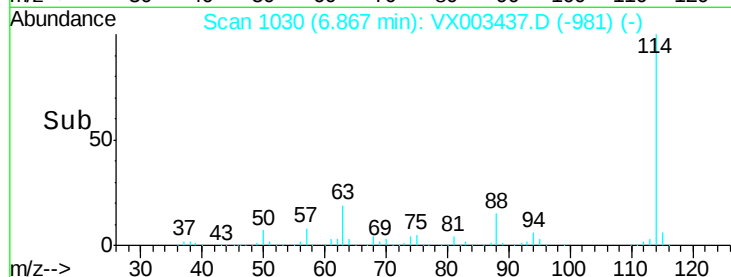
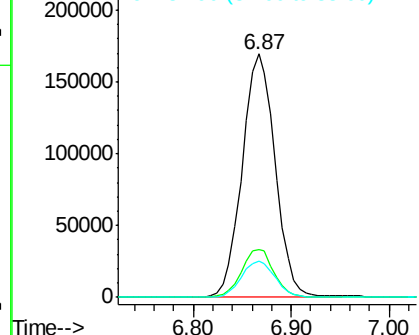
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-C

Tot Ion:114 Resp: 397021
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.0 0.0 30.0

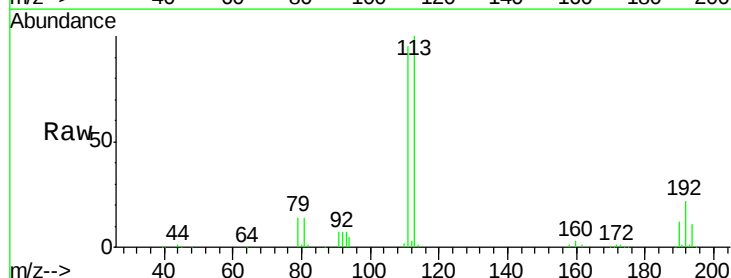


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

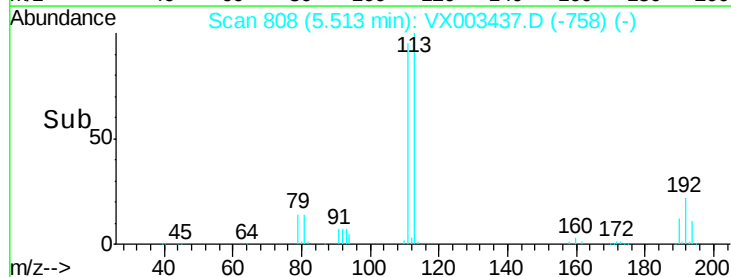
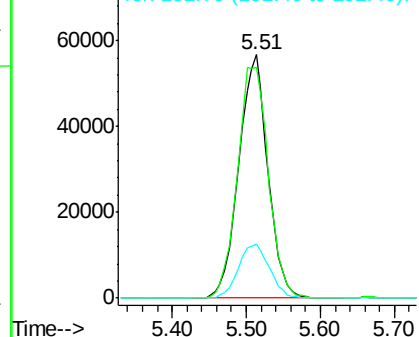


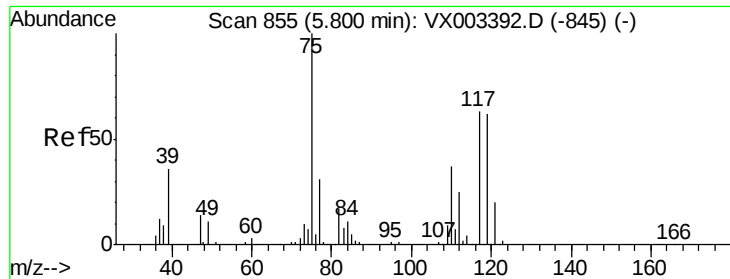
#35
 Dibromofluoromethane
 Concen: 48.22 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

Tgt Ion:113 Resp: 154886
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.8 19.1 28.7



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

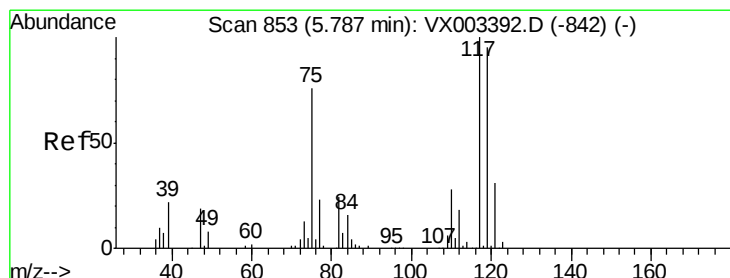
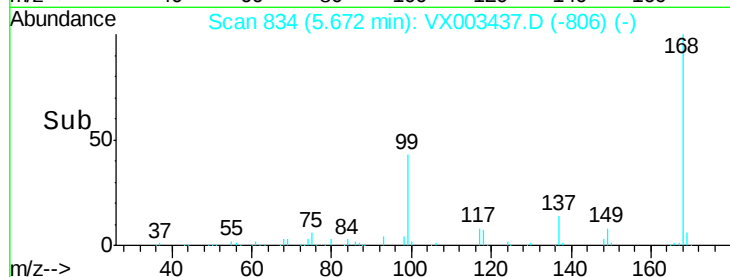
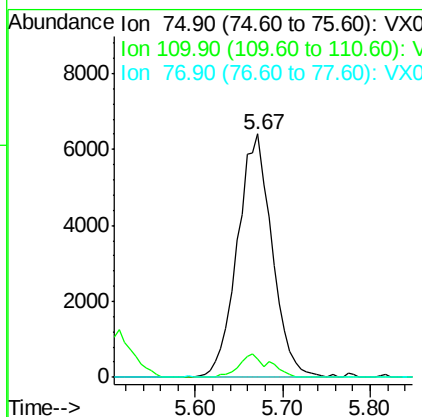
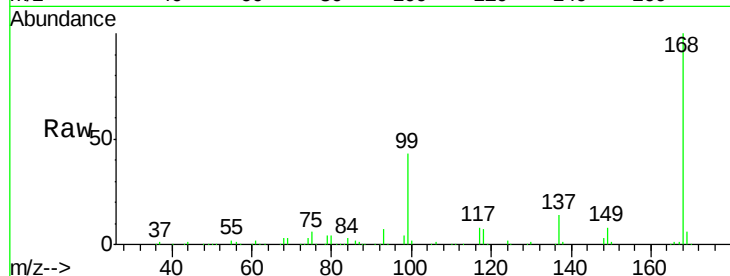




#36
 1,1-Dichloropropene
 Concen: 4.39 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

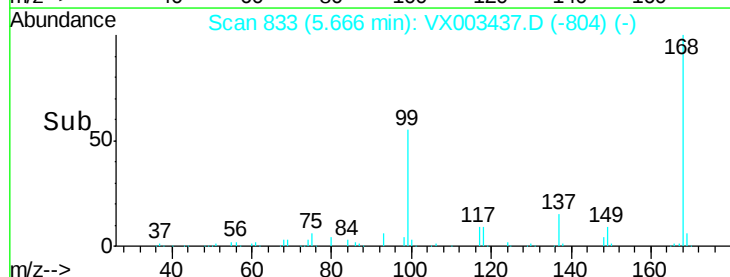
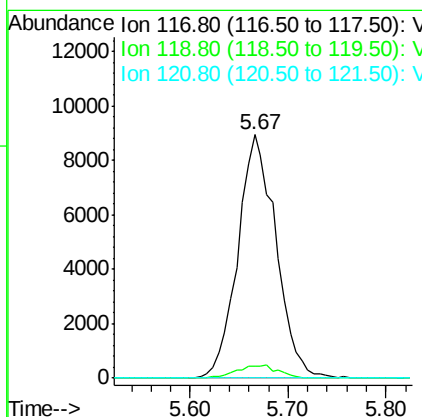
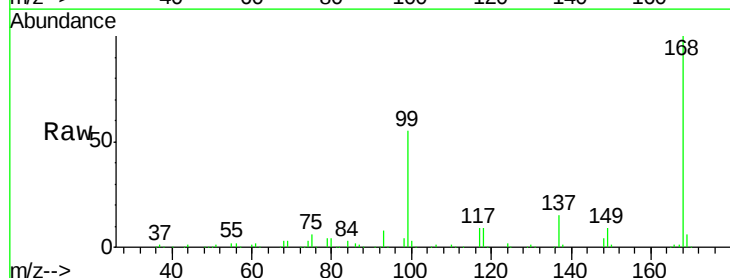
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-C

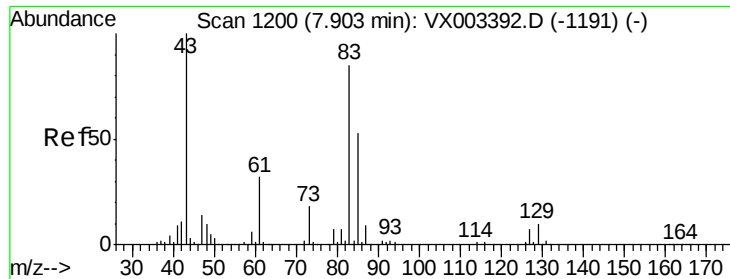
Tot Ion	75	Resp	17634
Ion Ratio	Lower	Upper	
75	100		
110	8.5	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 5.90 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

Tgt Ion	117	Resp	24142
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.1	77.4	116.0#
121	0.0	24.4	36.6#





#47

Bromodichloromethane

Concen: 0.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-C

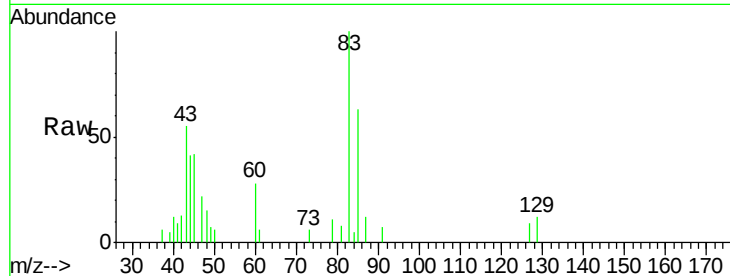
Tot Ion: 83 Resp: 2341

Ion Ratio Lower Upper

83 100

85 62.7 50.3 75.5

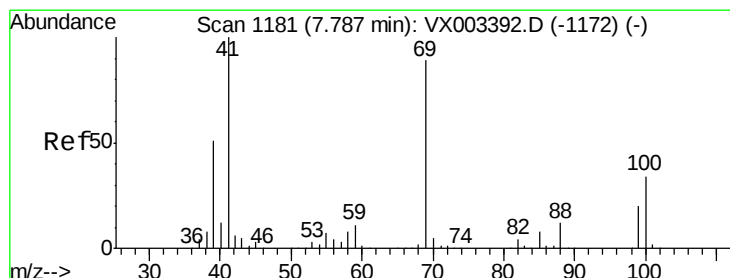
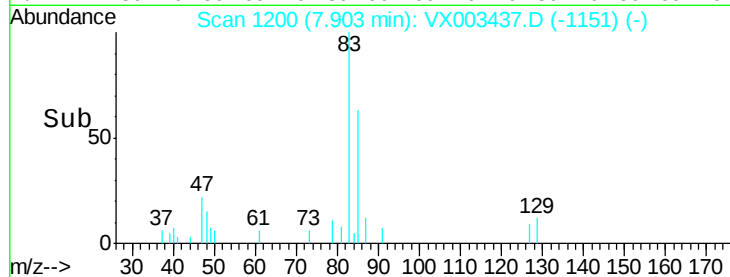
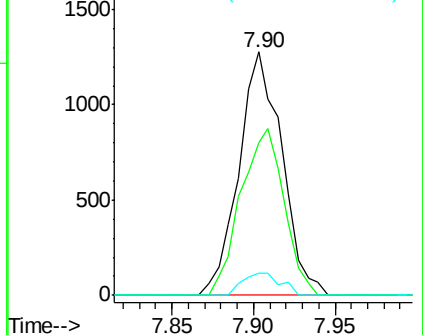
127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.35 ug/l

RT: 7.72 min Scan# 1170

Delta R.T. -0.07 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

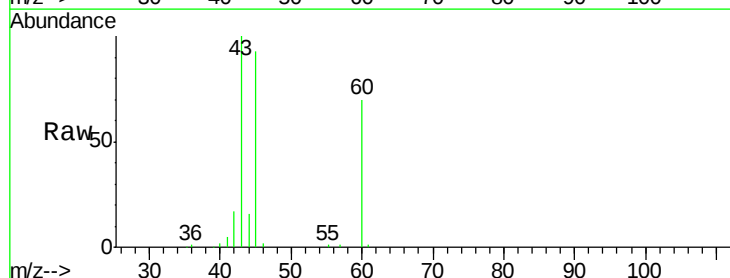
Tgt Ion: 41 Resp: 1207

Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

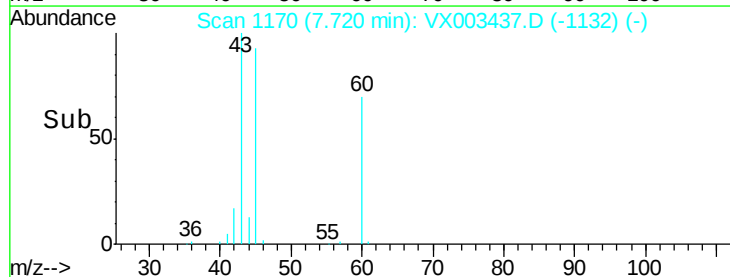
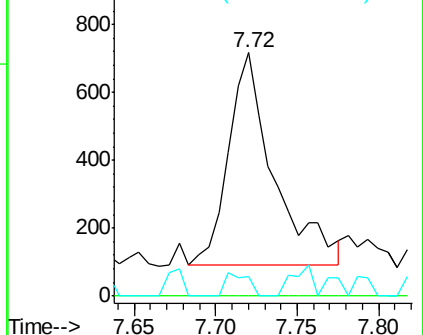
39 5.4 48.9 73.3#

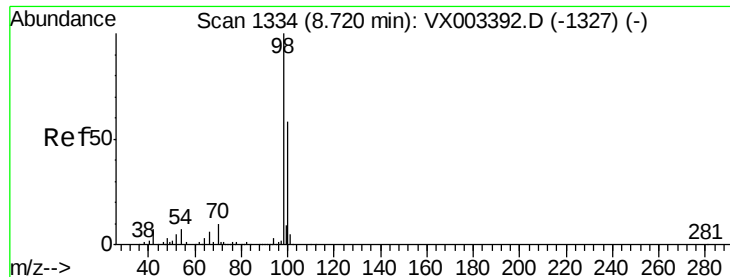


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 54.32 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

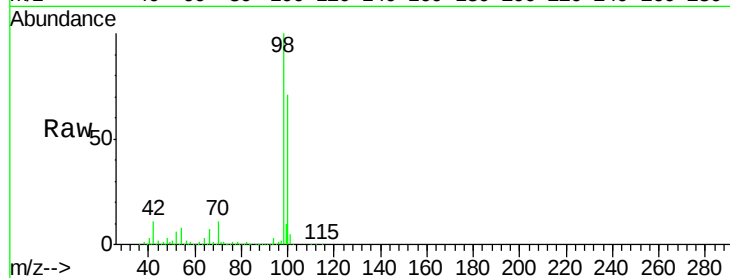
PL-01-071318-C

Tot Ion: 98 Resp: 643887

Ion Ratio Lower Upper

98 100

100 65.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

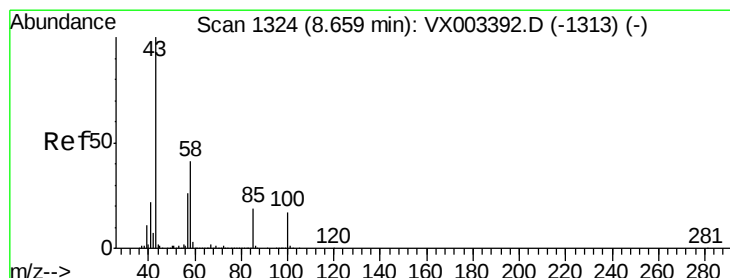
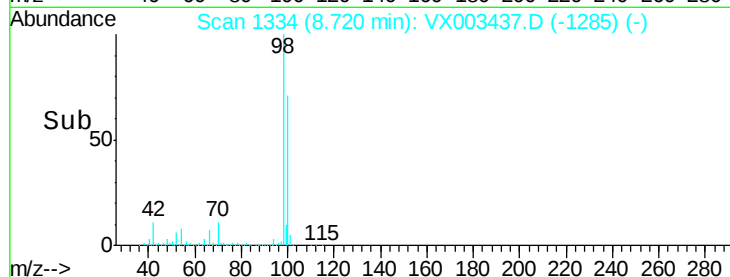
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.39 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX003437.D

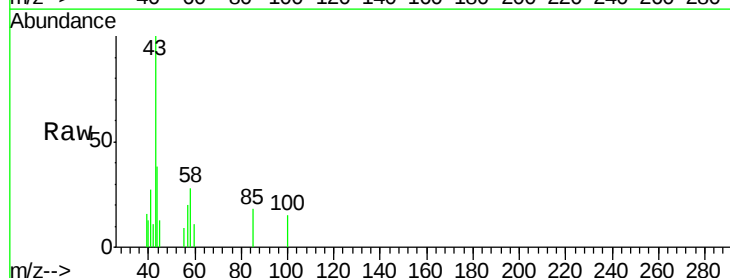
Acq: 17 Jul 2018 19:28

Tgt Ion: 43 Resp: 1774

Ion Ratio Lower Upper

43 100

58 40.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

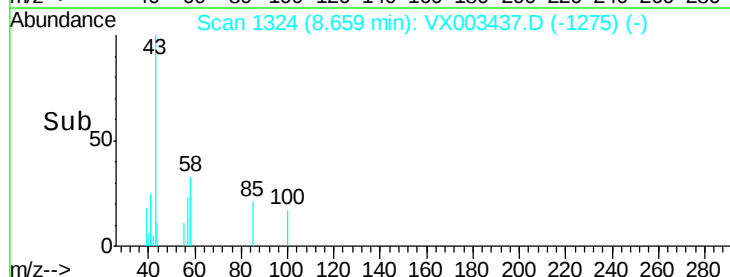
3000

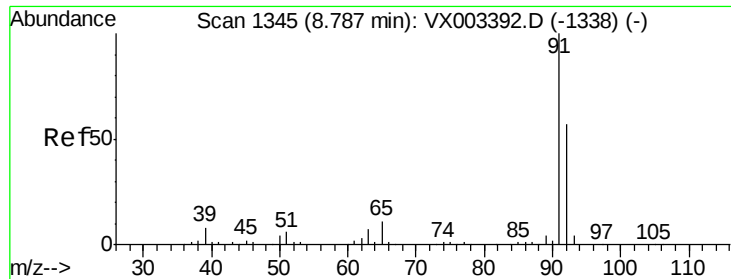
2000

1000

0

Time-->





#52

Toluene

Concen: 1.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

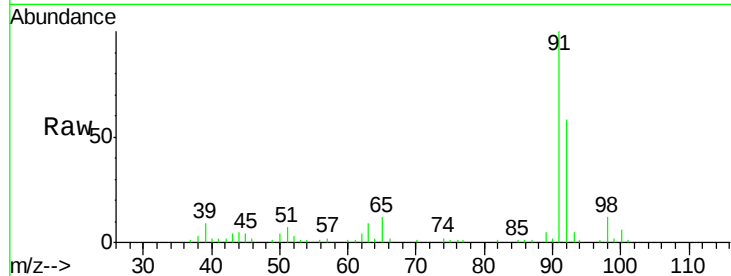
PL-01-071318-C

Tot Ion: 92 Resp: 8872

Ion Ratio Lower Upper

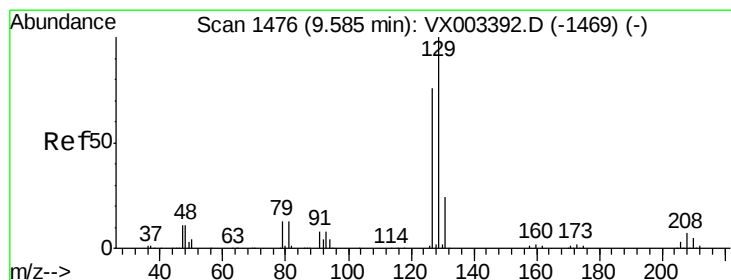
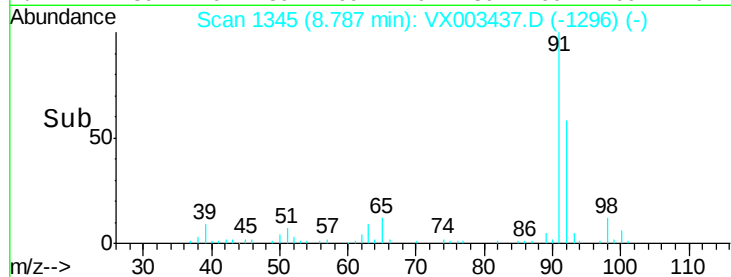
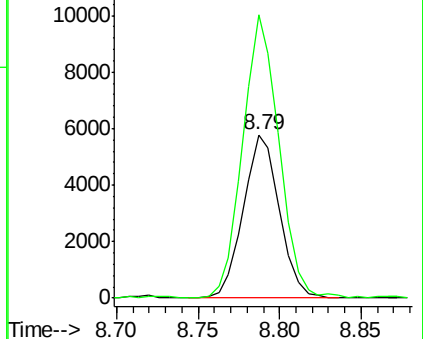
92 100

91 175.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX003392.D (-1338) (-)

Ion 91.00 (90.70 to 91.70): VX003392.D (-1338) (-)



#60

Dibromochloromethane

Concen: 0.20 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003437.D

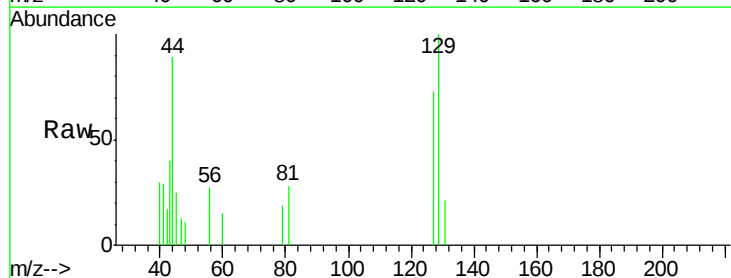
Acq: 17 Jul 2018 19:28

Tgt Ion: 129 Resp: 641

Ion Ratio Lower Upper

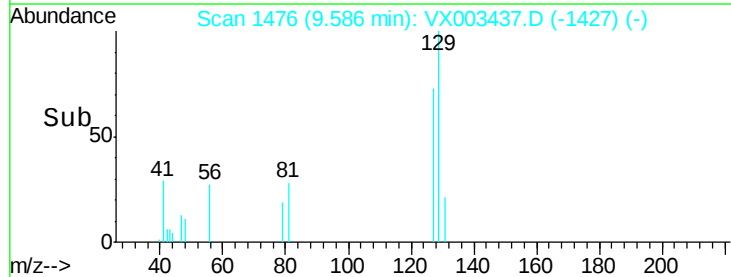
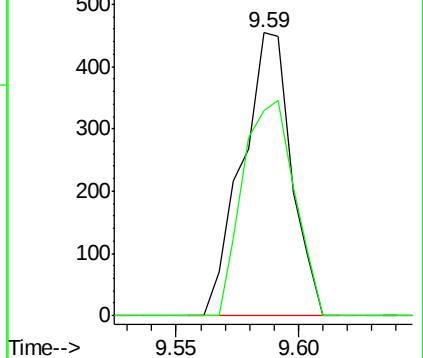
129 100

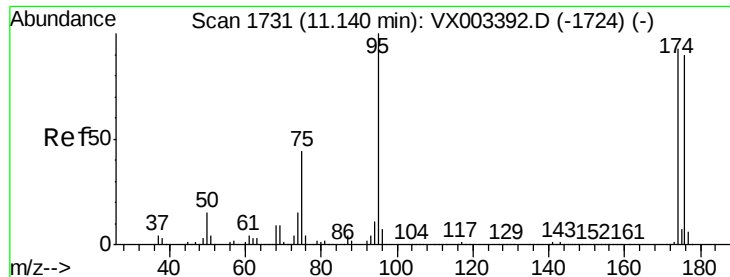
127 79.6 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VX003392.D (-1469) (-)

Ion 126.80 (126.50 to 127.50): VX003392.D (-1469) (-)





#62

4-Bromofluorobenzene

Concen: 50.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-C

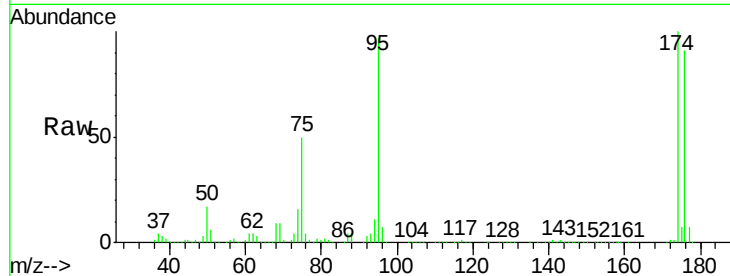
Tot Ion: 95 Resp: 213500

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.4

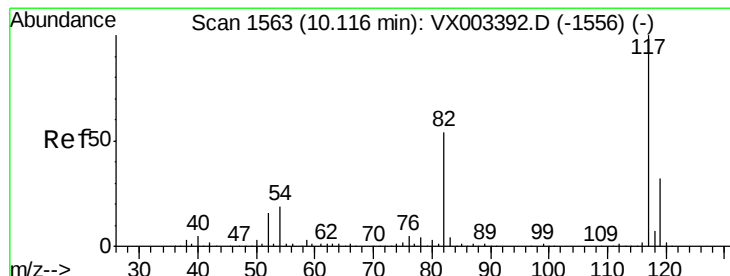
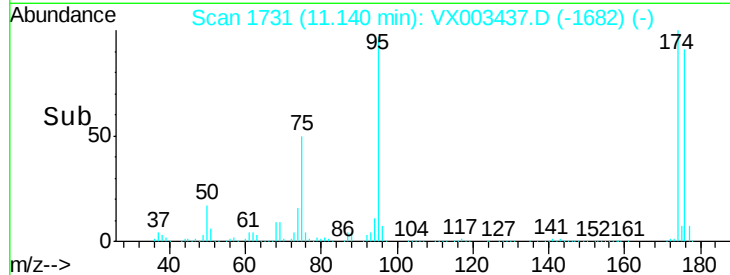
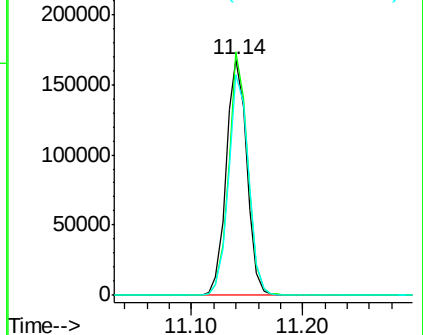
176 91.4 0.0 181.0



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# 1563

Delta R.T. 0.00 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

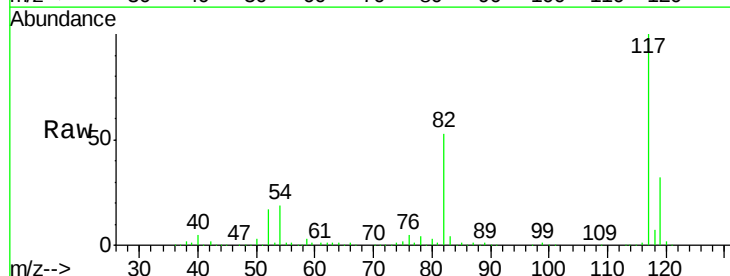
Tgt Ion: 117 Resp: 375205

Ion Ratio Lower Upper

117 100

82 53.3 45.0 67.4

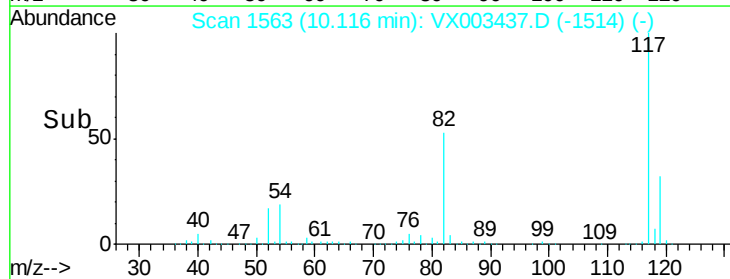
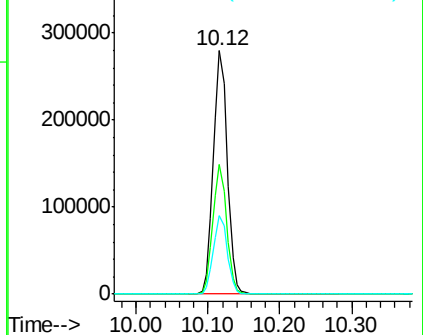
119 32.4 25.8 38.6

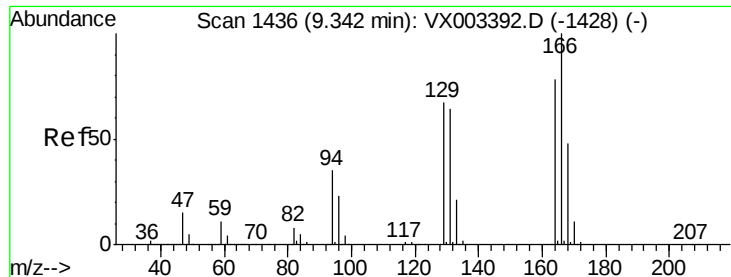


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.21 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-C

Tot Ion:164 Resp: 834

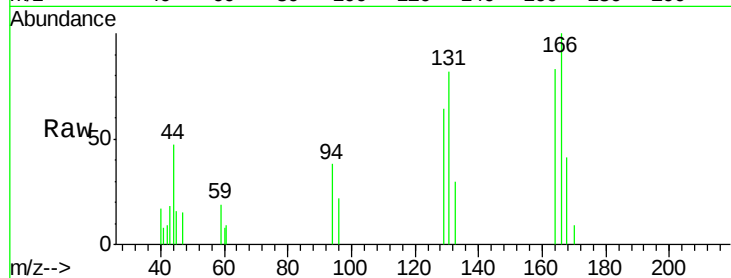
Ion Ratio Lower Upper

164 100

166 120.1 102.9 154.3

129 76.5 68.6 102.8

131 98.5 66.8 100.2

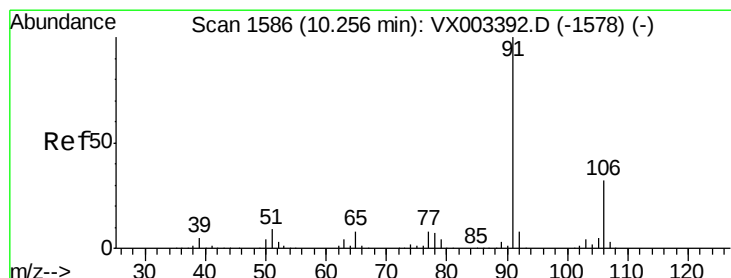
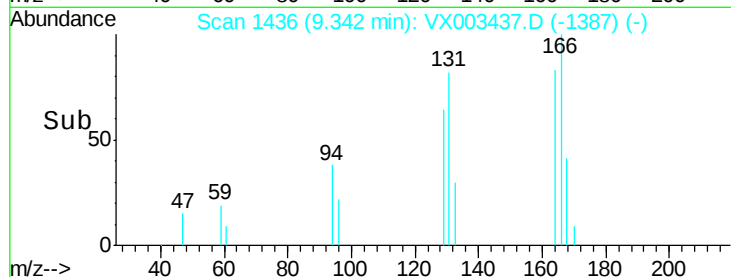
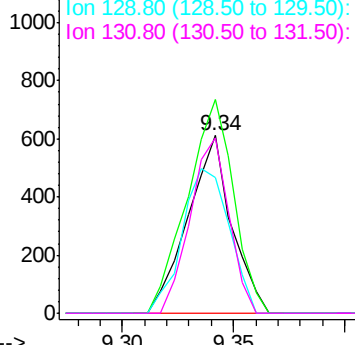


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.03 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003437.D

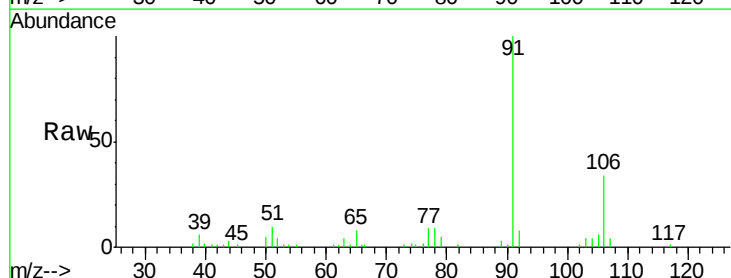
Acq: 17 Jul 2018 19:28

Tgt Ion: 91 Resp: 14991

Ion Ratio Lower Upper

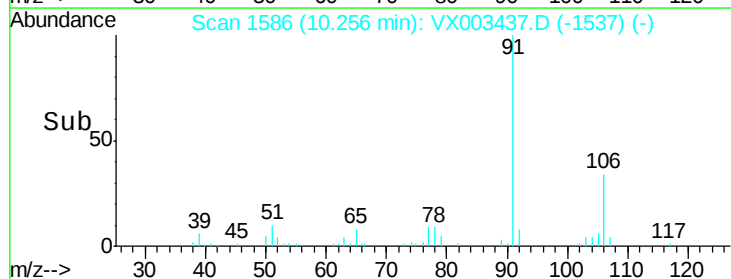
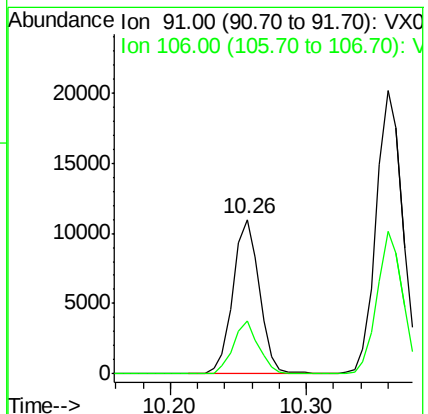
91 100

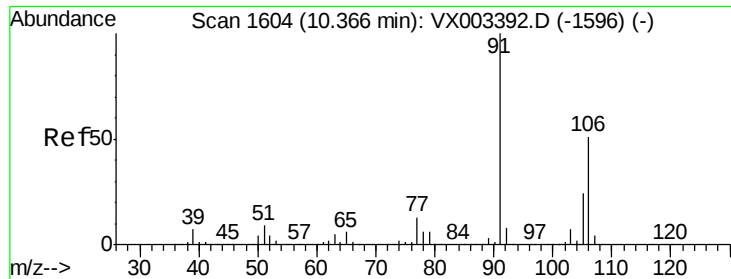
106 34.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

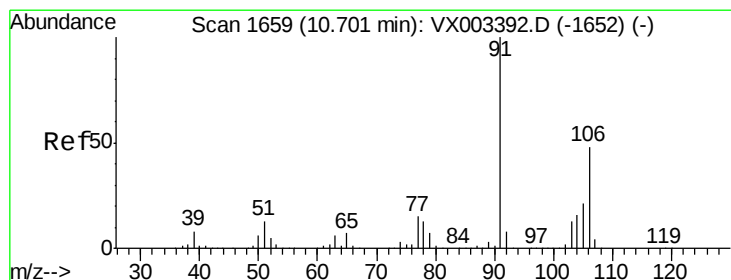
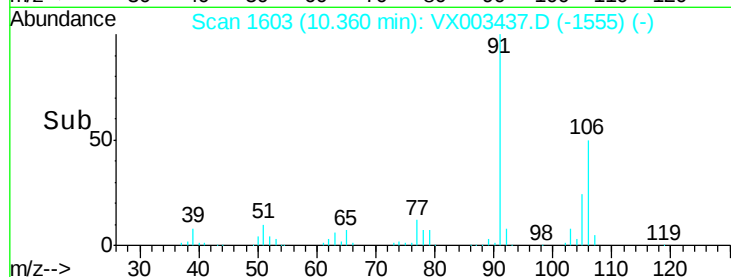
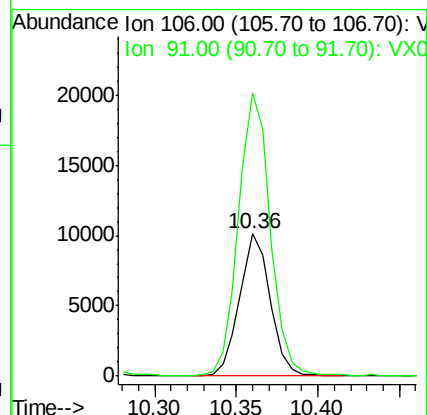
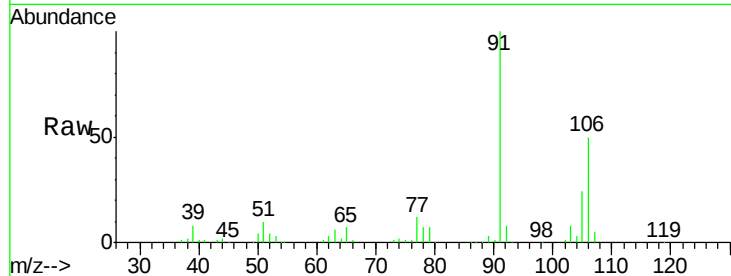




#68
m/p-Xvlenes
Concen: 2.38 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

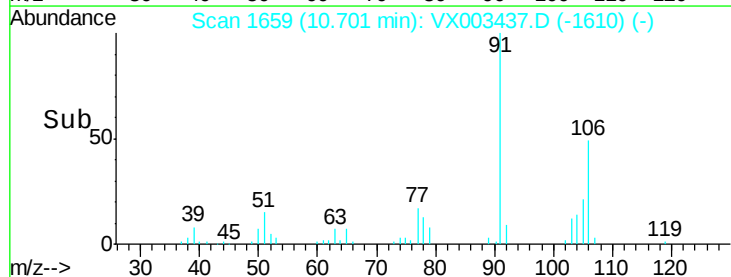
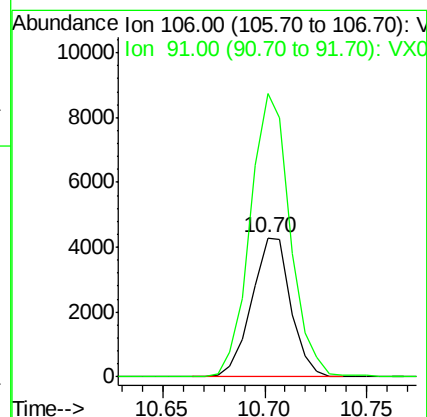
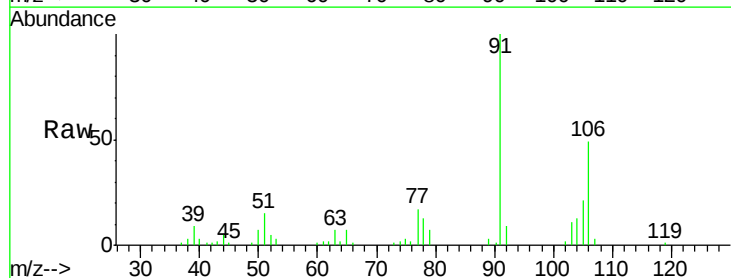
Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-C

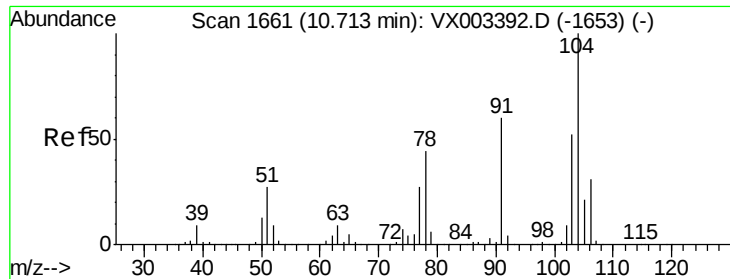
Tot Ion:106 Resp: 13337
Ion Ratio Lower Upper
106 100
91 206.8 163.4 245.2



#69
o-Xylene
Concen: 1.07 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

Tgt Ion:106 Resp: 5733
Ion Ratio Lower Upper
106 100
91 207.9 108.2 324.6

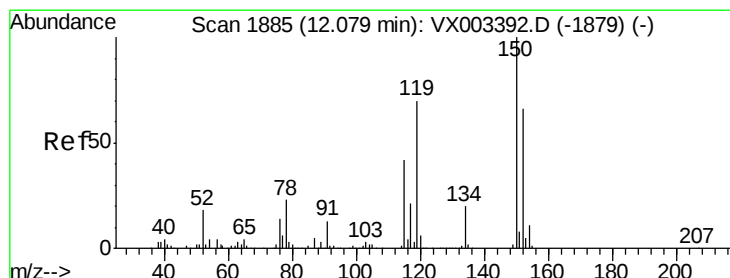
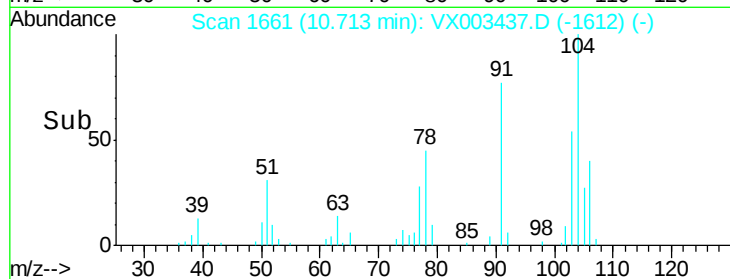
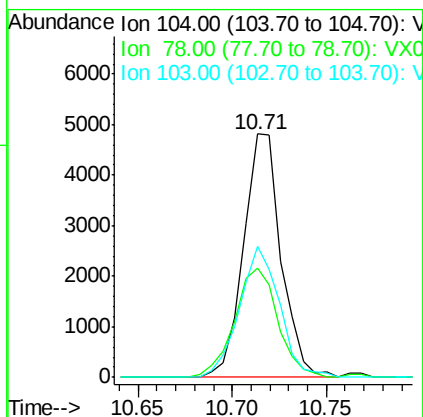
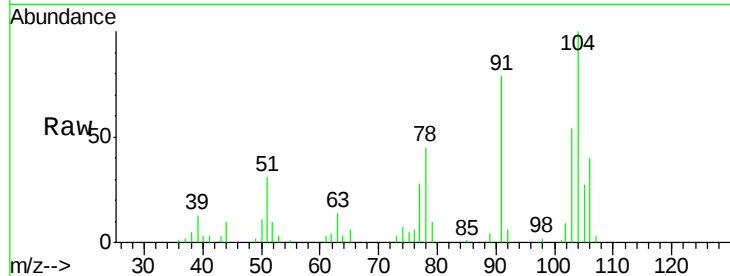




#70
Stvrene
Concen: 0.75 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

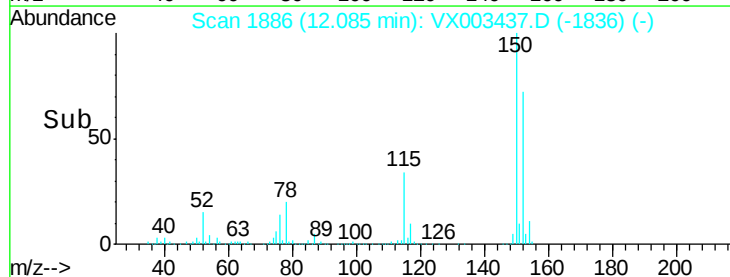
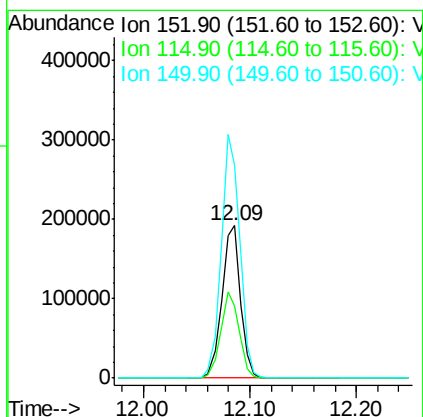
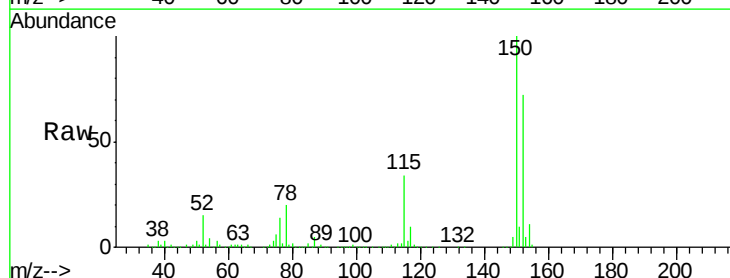
Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-C

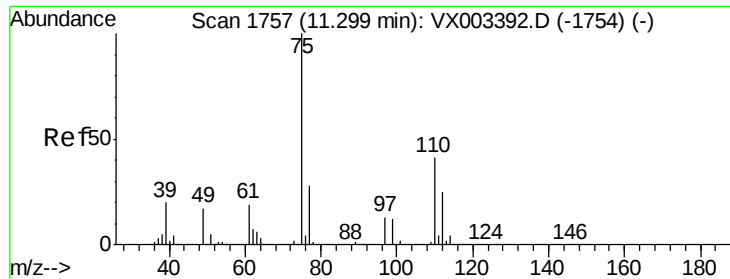
Tot Ion:104 Resp: 6667
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 57.3 44.2 66.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

Tgt Ion:152 Resp: 234019
Ion Ratio Lower Upper
152 100
115 55.8 40.1 120.2
150 158.8 0.0 347.2





#76

1,2,3-Trichloropropane

Concen: 24.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

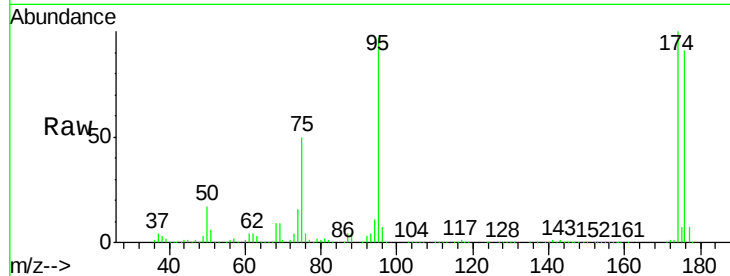
PL-01-071318-C

Tot Ion: 75 Resp: 102093

Ion Ratio Lower Upper

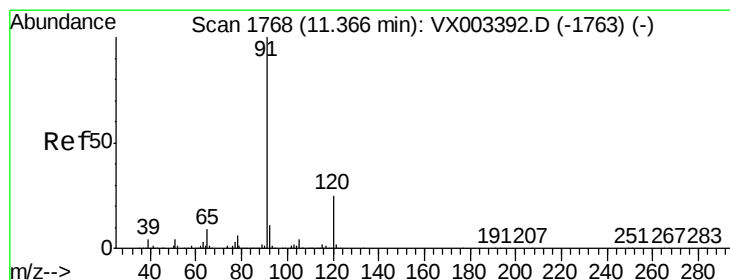
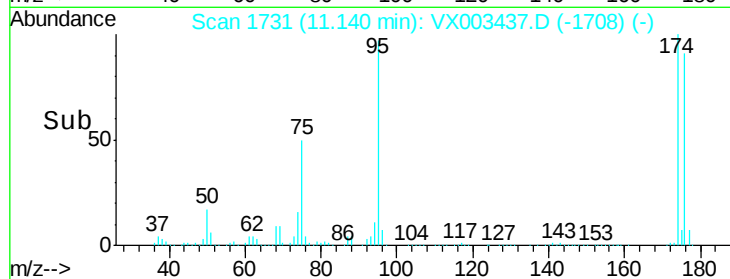
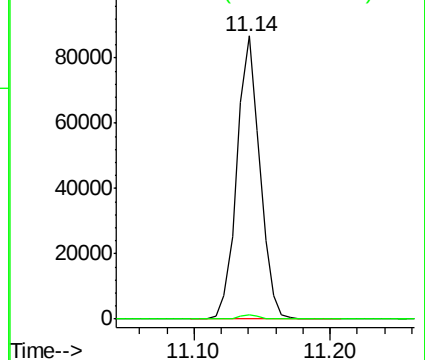
75 100

77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.37 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003437.D

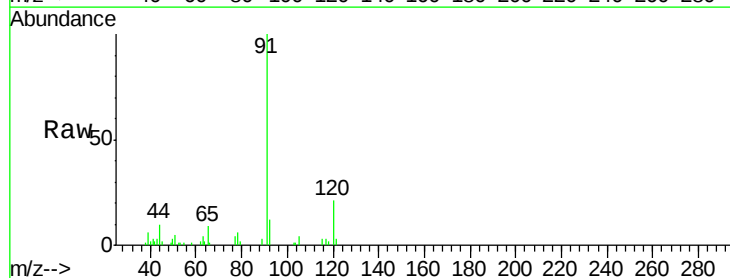
Acq: 17 Jul 2018 19:28

Tgt Ion: 91 Resp: 6252

Ion Ratio Lower Upper

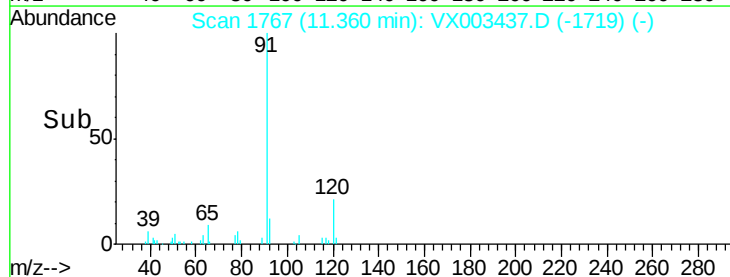
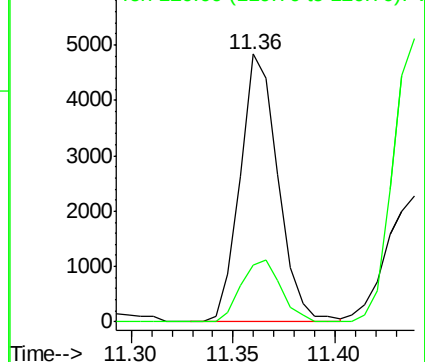
91 100

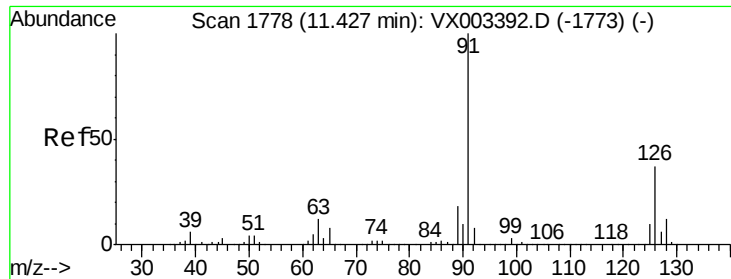
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

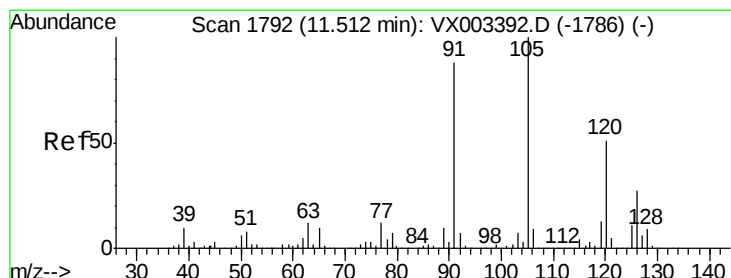
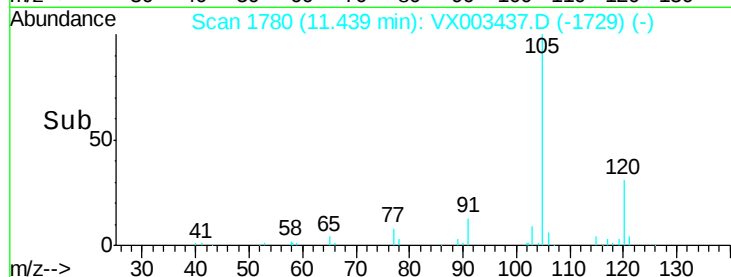
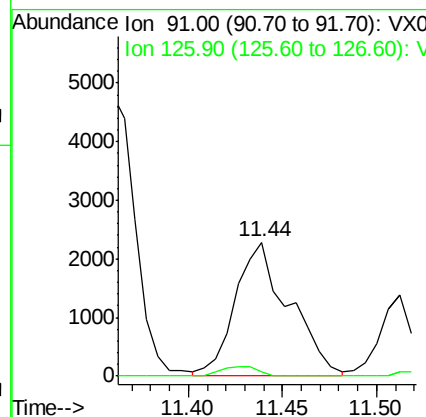
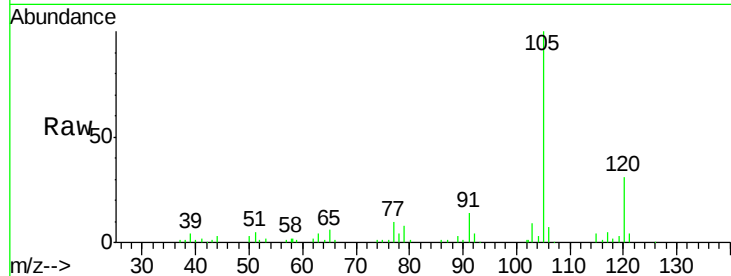




#79
 2-Chlorotoluene
 Concen: 0.44 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

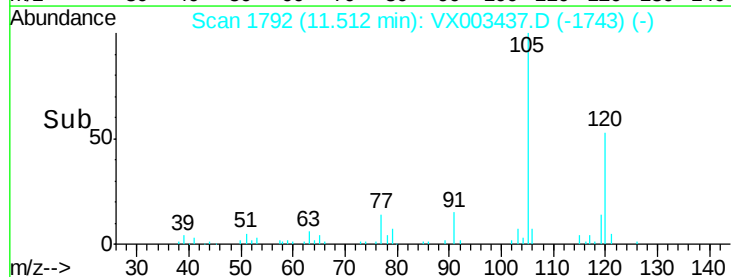
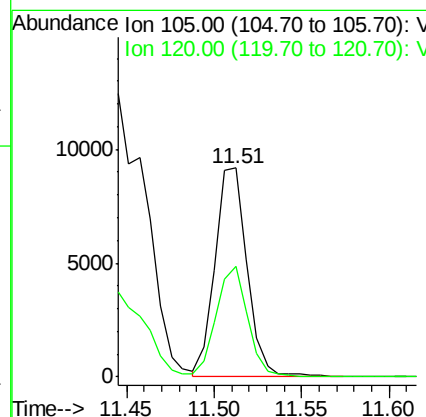
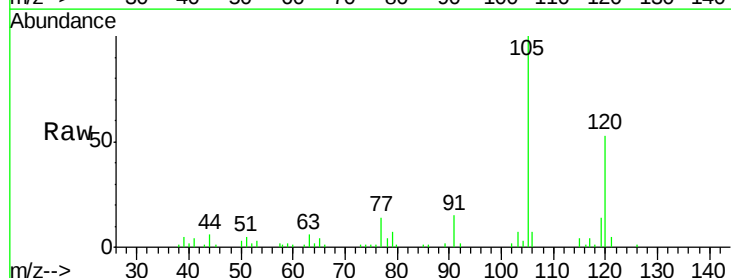
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-C

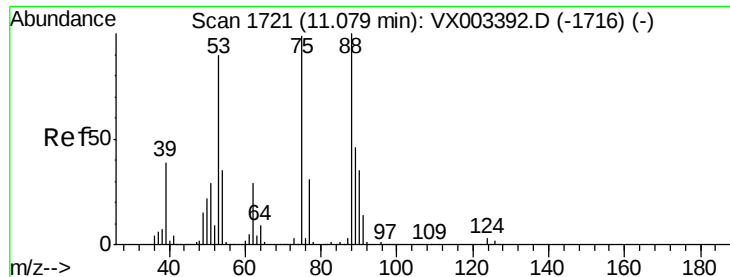
Tot Ion: 91 Resp: 4547
 Ion Ratio Lower Upper
 91 100
 126 4.7 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.96 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

Tgt Ion:105 Resp: 11770
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 78.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003437.D

Acq: 17 Jul 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-C

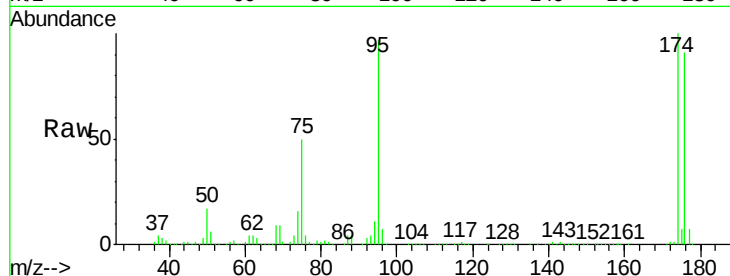
Tot Ion: 75 Resp: 102093

Ion Ratio Lower Upper

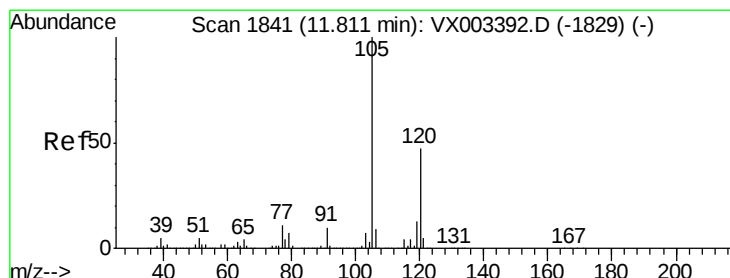
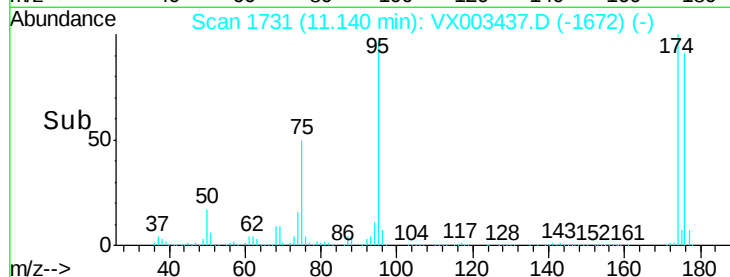
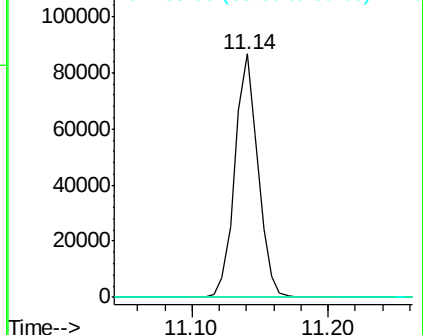
75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 3.26 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003437.D

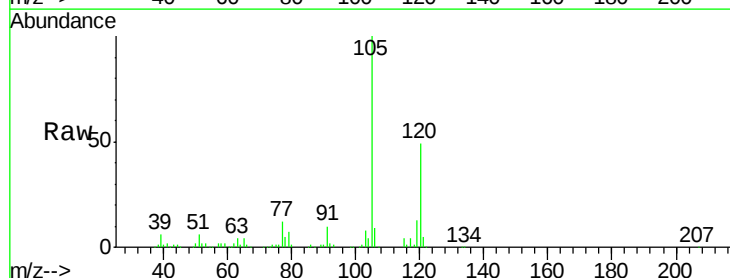
Acq: 17 Jul 2018 19:28

Tgt Ion: 105 Resp: 41000

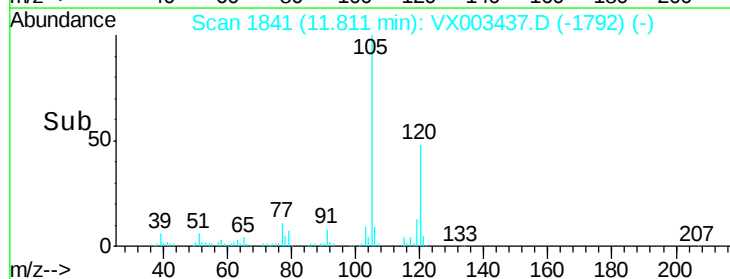
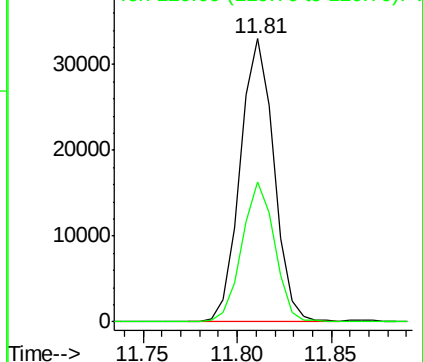
Ion Ratio Lower Upper

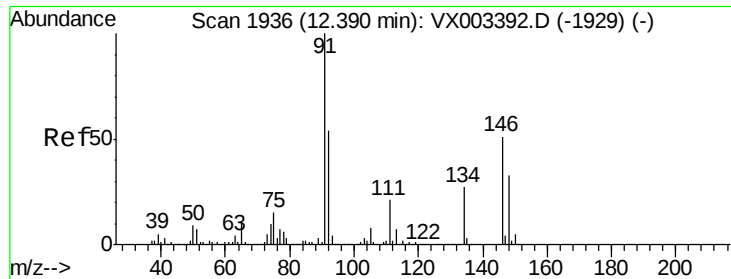
105 100

120 47.6 22.3 66.8



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

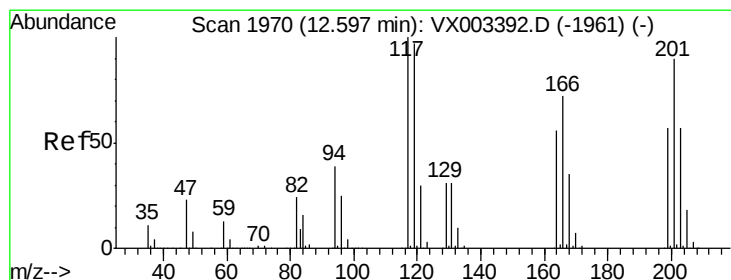
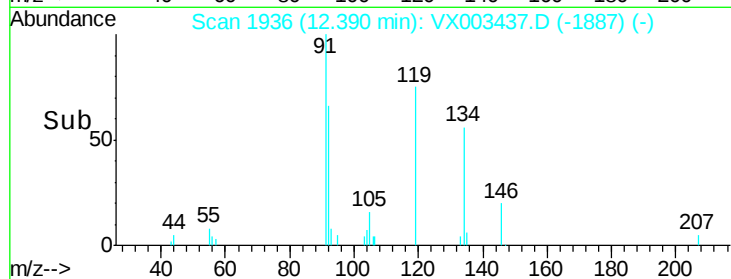
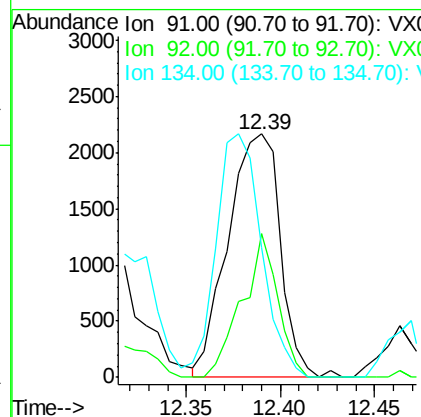
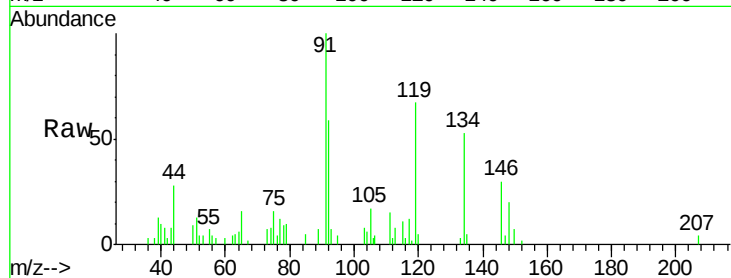




#89
n-Butylbenzene
Concen: 0.38 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

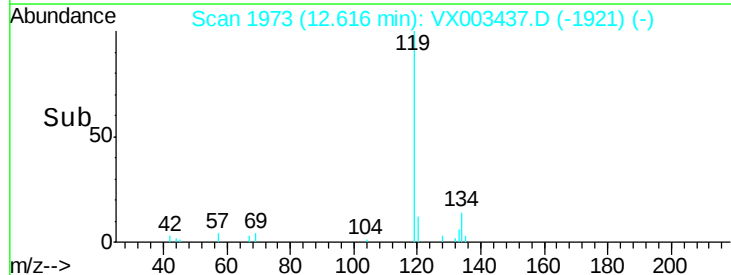
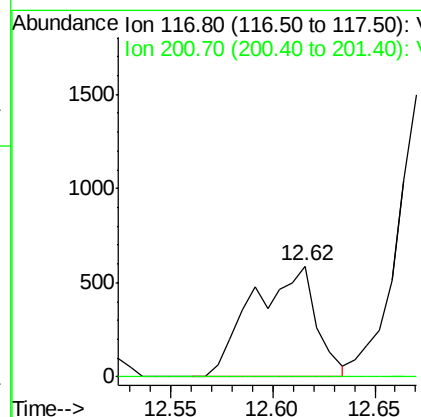
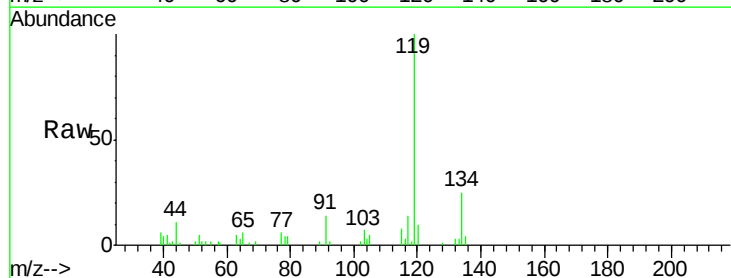
Instrument :
MSVOA_X
ClientSampled :
PL-01-071318-C

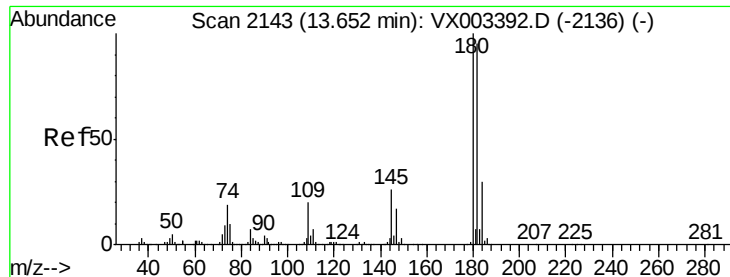
Tot Ion: 91 Resp: 4168
Ion Ratio Lower Upper
91 100
92 40.3 26.0 78.0
134 86.6 13.5 40.5#



#90
Hexachloroethane
Concen: 0.65 ug/l
RT: 12.62 min Scan# 1973
Delta R.T. 0.02 min
Lab File: VX003437.D
Acq: 17 Jul 2018 19:28

Tgt Ion: 117 Resp: 1267
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

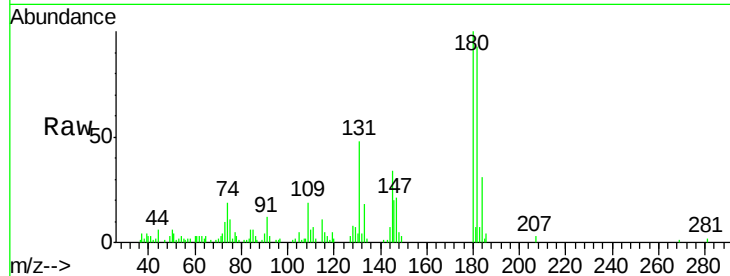




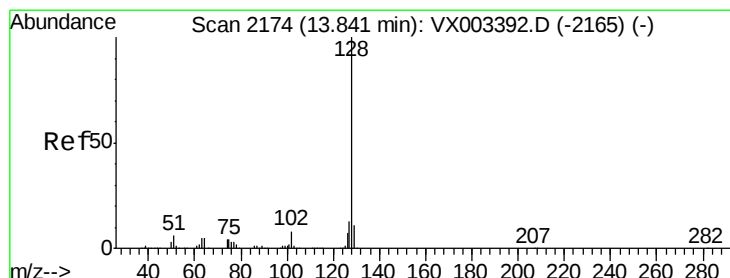
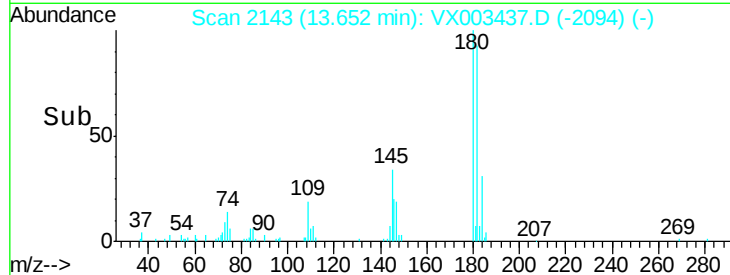
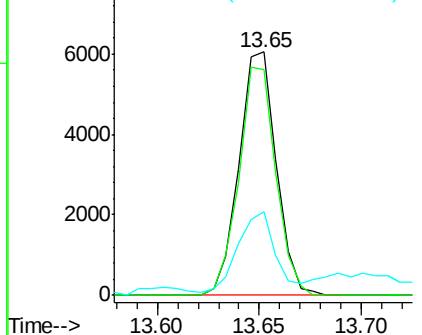
#93
 1,2,4-Trichlorobenzene
 Concen: 1.43 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-C

Tot Ion:180 Resp: 7681
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.7 143.1
 145 33.0 14.1 42.4

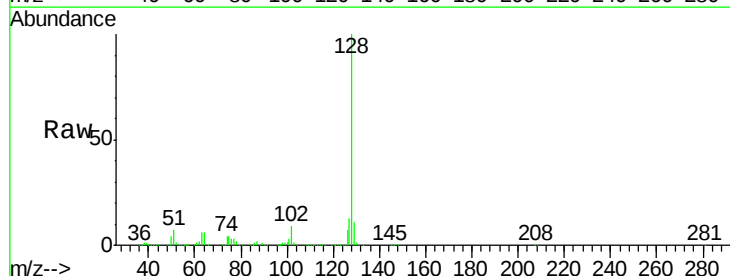


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

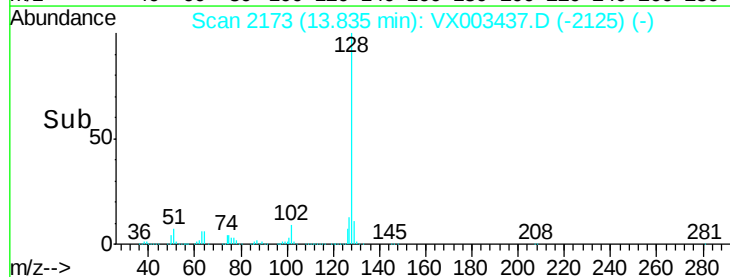
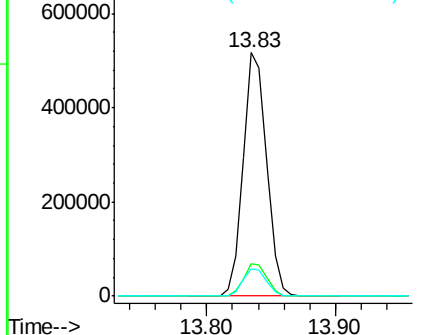


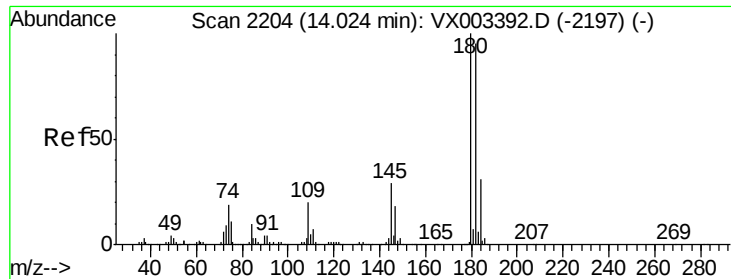
#95
 Naphthalene
 Concen: 42.16 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

Tgt Ion:128 Resp: 646860
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 11.5 8.6 13.0



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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.24 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003437.D
 Acq: 17 Jul 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-C

Tot Ion:180 Resp: 1317
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.0 144.0
 145 64.9 14.8 44.3#

