

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004729.D
 Acq On : 26 Sep 2018 16:32
 Operator : JC/MD
 Sample : J4870-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Oct 08 13:46:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219409	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	208548	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	
35) Dibromofluoromethane	5.50	113	165669	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.72	98	586788	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	11.14	95	207635	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	202434	48.211	ug/l	100
5) Bromomethane	1.64	94	160241	64.356	ug/l	98
6) Chloroethane	1.72	64	82614	35.424	ug/l	99
16) Acetone	2.44	43	308930	136.872	ug/l #	88
19) Methyl tert-butyl Ether	3.20	73	1067038	105.491	ug/l	97
20) Methylene Chloride	2.85	84	100879	30.411	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	75934	23.655	ug/l	87
24) 1,1-Dichloroethane	3.70	63	321403	50.008	ug/l	98
25) 2-Butanone	4.71	43	680419	204.514	ug/l	91
30) Chloroform	5.21	83	307576	50.637	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	84943	17.124	ug/l	98
40) Benzene	6.15	78	1115100	77.566	ug/l	100
44) Trichloroethene	7.21	130	241902	68.448	ug/l	96
45) 1,2-Dichloropropane	7.52	63	299819	85.044	ug/l	100
46) Dibromomethane	7.66	93	257471	116.207	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	818288	147.719	ug/l	95
52) Toluene	8.79	92	408538	51.717	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	539794	109.938	ug/l	98
59) 2-Hexanone	9.50	43	582397	126.165	ug/l	93
60) Dibromochloromethane	9.59	129	219978	63.569	ug/l	100
61) 1,2-Dibromoethane	9.67	107	320923	86.602	ug/l	99
64) Tetrachloroethene	9.34	164	174231	48.347	ug/l	97
65) Chlorobenzene	10.14	112	371669	39.585	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	431206	130.635	ug/l	99
67) Ethyl Benzene	10.26	91	240466	16.132	ug/l	100
68) m/p-Xylenes	10.36	106	226354	38.859	ug/l	94
69) o-Xylene	10.70	106	437602	81.790	ug/l	96
70) Styrene	10.71	104	1096382	107.015	ug/l	99
71) Bromoform	10.86	173	247619	87.623	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	714691	126.952	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	612797	124.609	ug/l	86
80) 1,3,5-Trimethylbenzene	11.51	105	667593	52.679	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	1100512	84.326	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	851731	113.553	ug/l	100

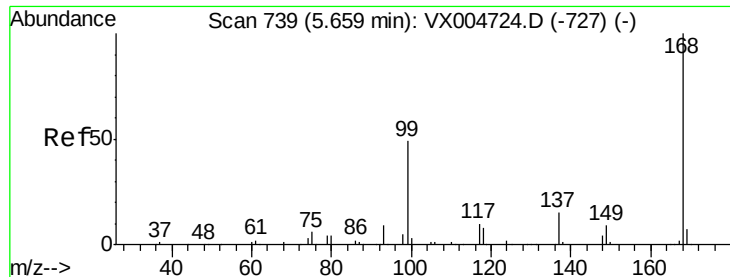
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004729.D
Acq On : 26 Sep 2018 16:32
Operator : JC/MD
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Quant Time: Oct 08 13:46:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	655828	84.700	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	426719	54.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93767	75.858	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	711988	129.484	ug/l	99
94) Hexachlorobutadiene	13.79	225	536354	188.105	ug/l	96
95) Naphthalene	13.83	128	2507814	136.153	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

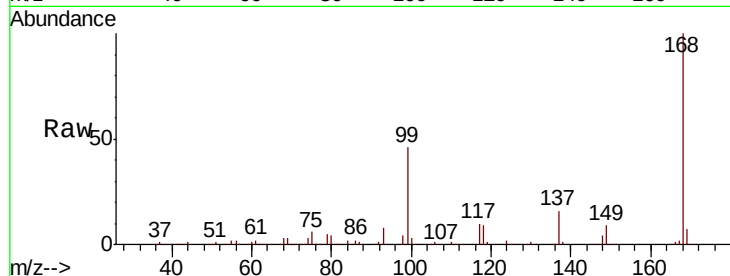
PT-VOA-WP

Tot Ion:168 Resp: 270637

Ion Ratio Lower Upper

168 100

99 45.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

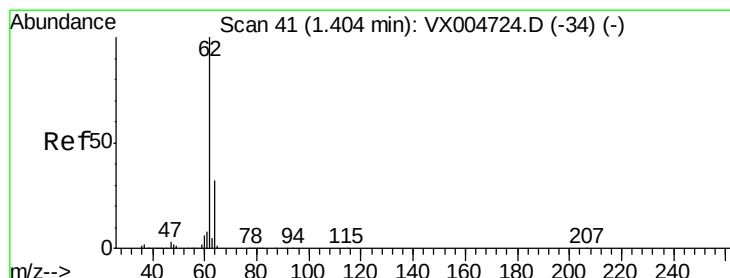
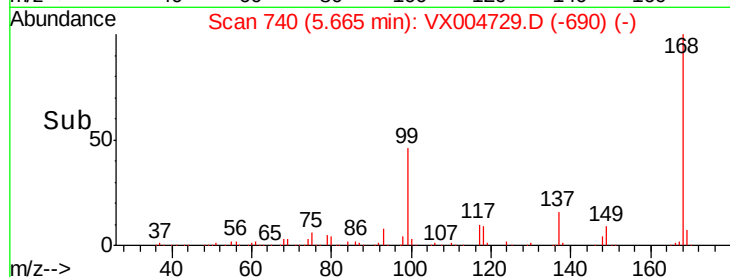
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 48.211 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004729.D

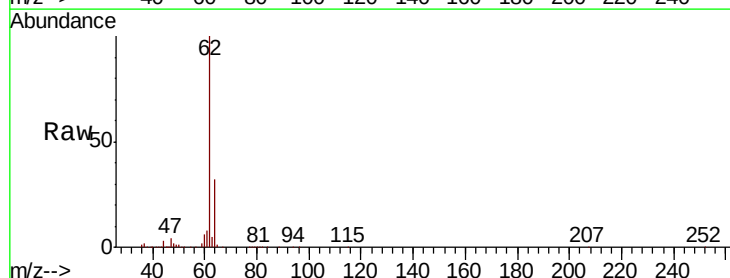
Acq: 26 Sep 2018 16:32

Tgt Ion: 62 Resp: 202434

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

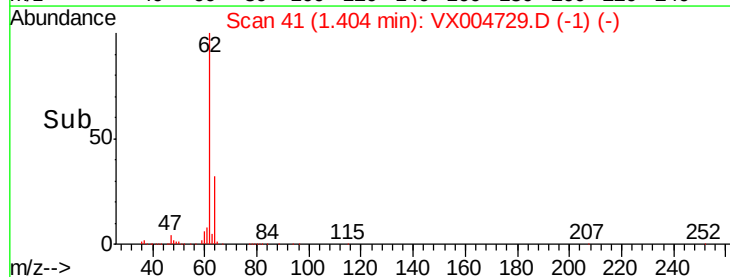
150000

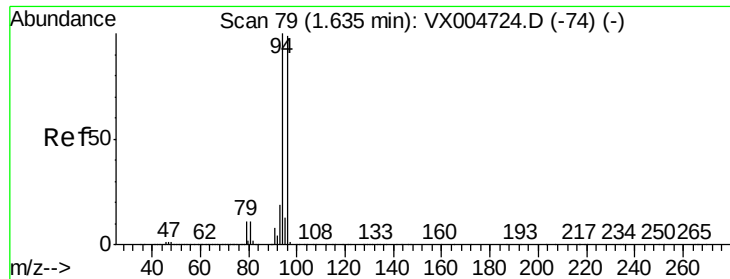
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 64.356 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

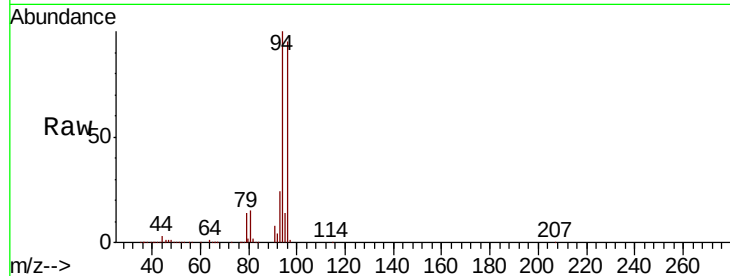
PT-VOA-WP

Tot Ion: 94 Resp: 160241

Ion Ratio Lower Upper

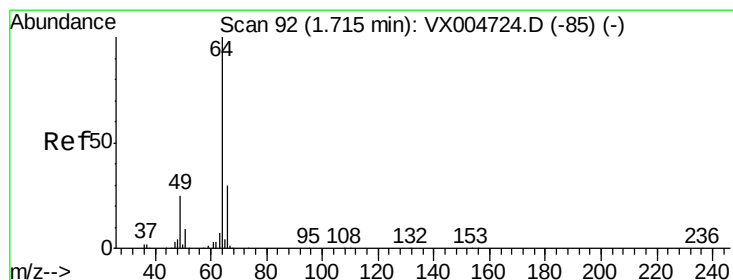
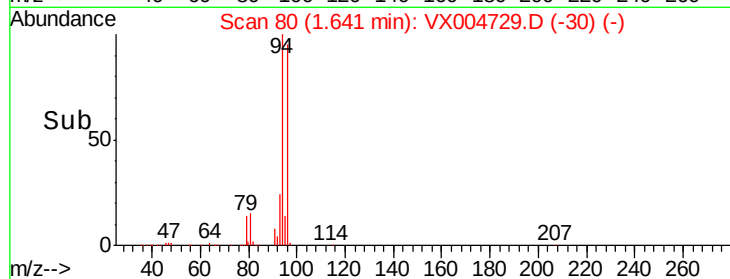
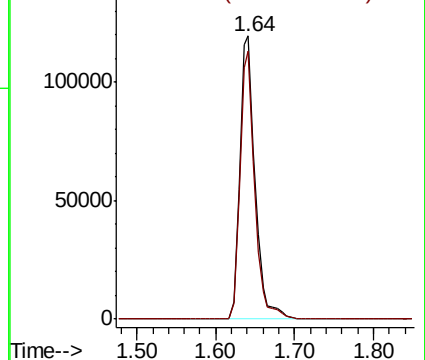
94 100

96 94.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 35.424 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004729.D

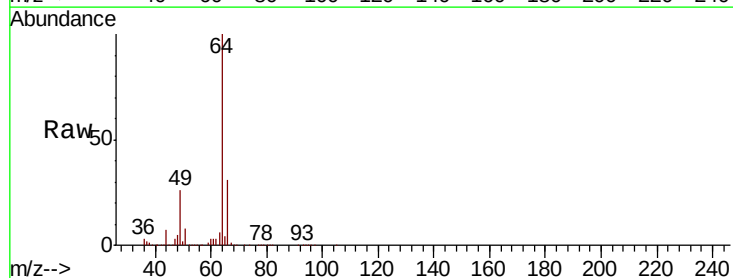
Acq: 26 Sep 2018 16:32

Tgt Ion: 64 Resp: 82614

Ion Ratio Lower Upper

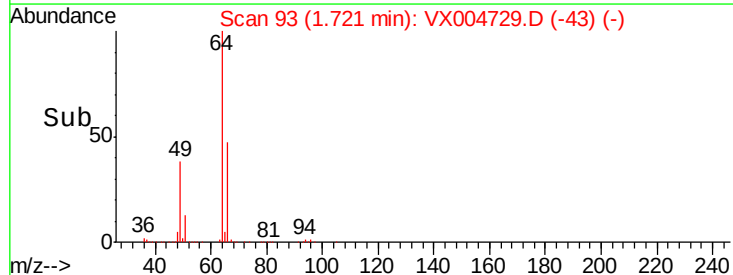
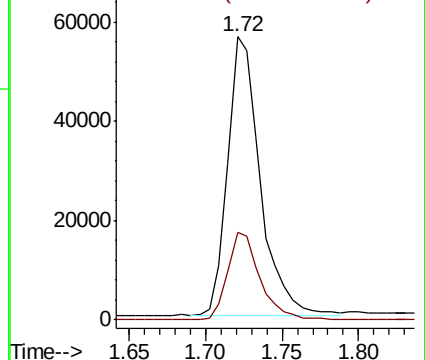
64 100

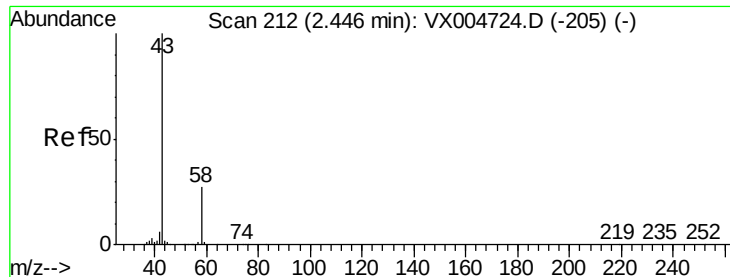
66 31.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#16

Acetone

Concen: 136.872 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

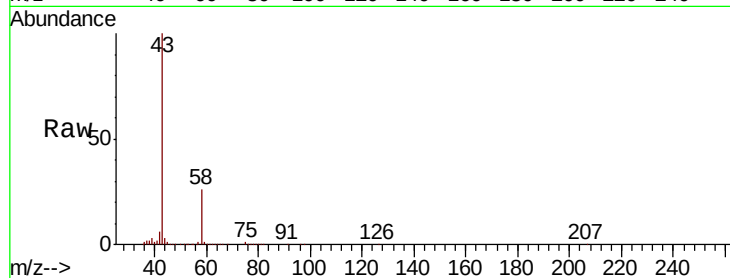
PT-VOA-WP

Tot Ion: 43 Resp: 308930

Ion Ratio Lower Upper

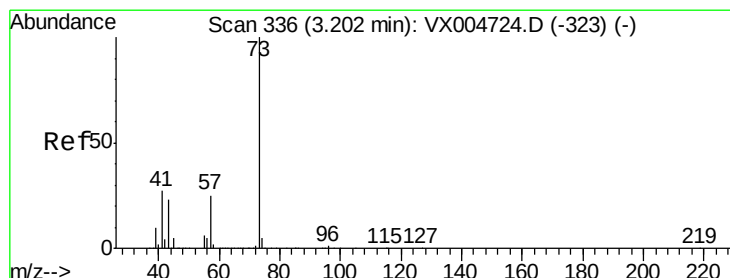
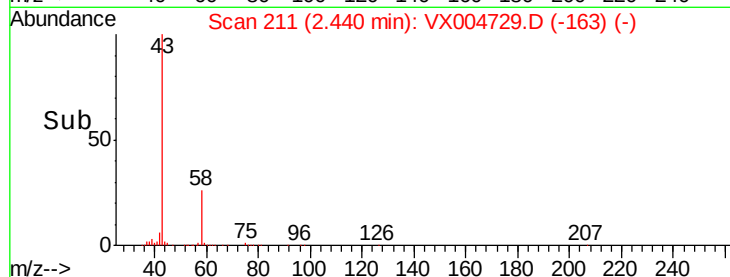
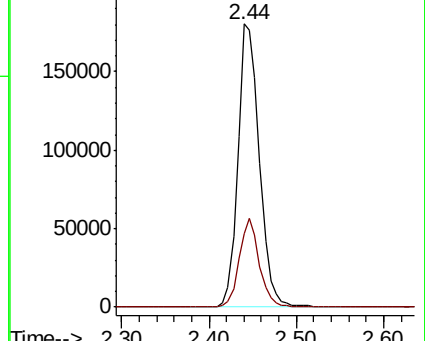
43 100

58 26.1 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 105.491 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004729.D

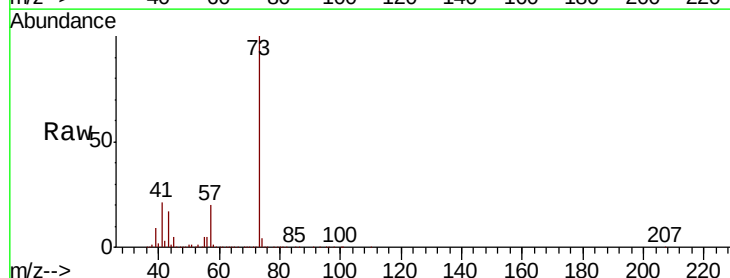
Acq: 26 Sep 2018 16:32

Tgt Ion: 73 Resp: 1067038

Ion Ratio Lower Upper

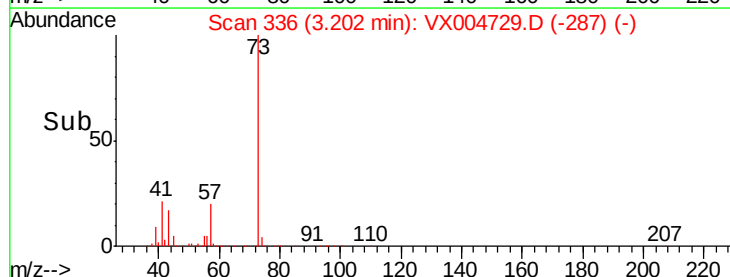
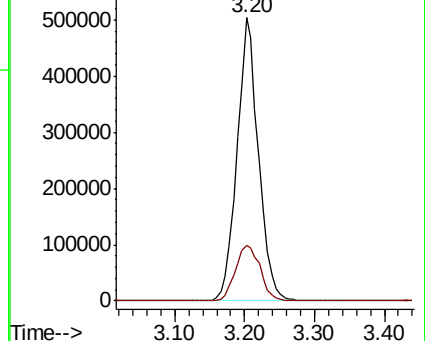
73 100

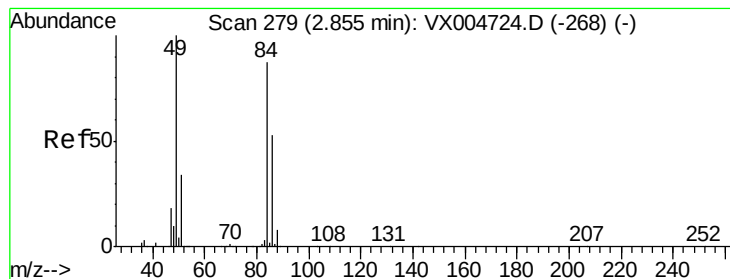
57 19.8 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#20

Methylene Chloride

Concen: 30.411 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

PT-VOA-WP

Tot Ion: 84 Resp: 100879

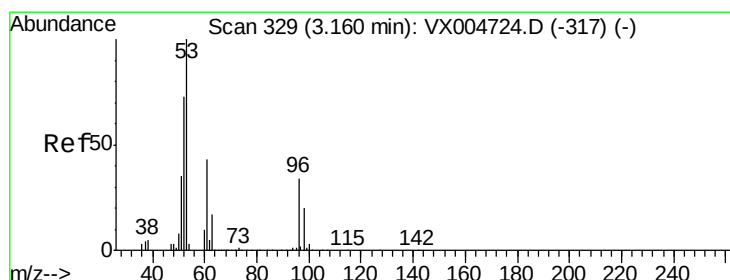
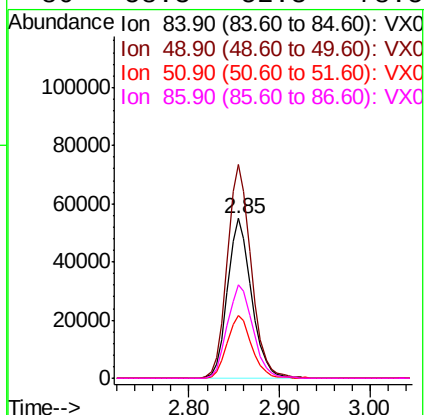
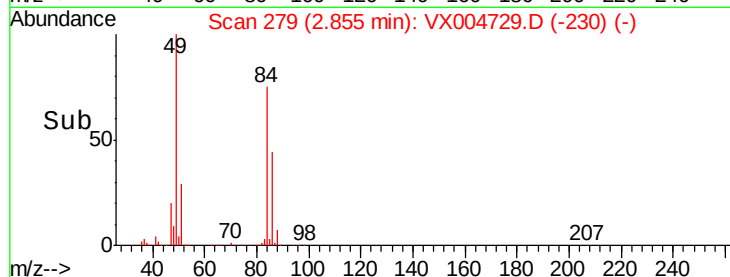
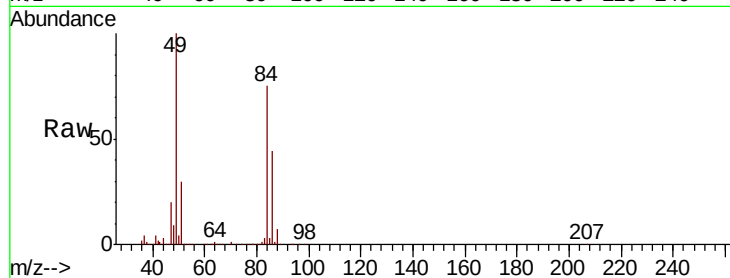
Ion Ratio Lower Upper

84 100

49 133.7 101.2 151.8

51 39.3 29.5 44.3

86 58.3 52.3 78.5



#21

trans-1,2-Dichloroethene

Concen: 23.655 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

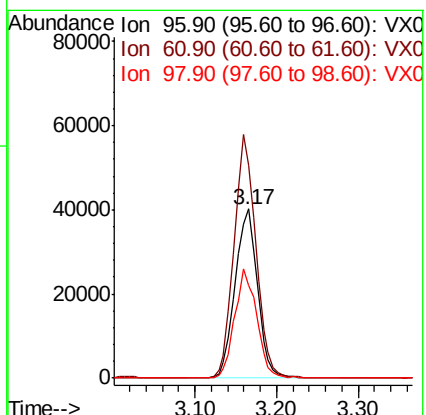
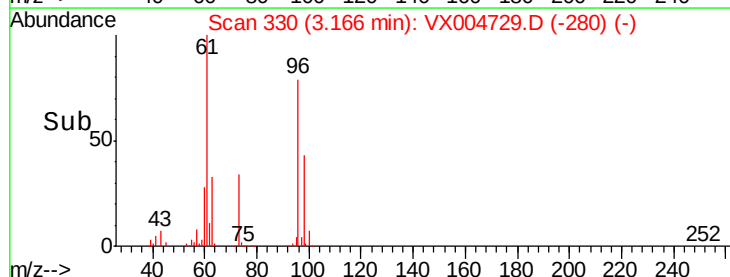
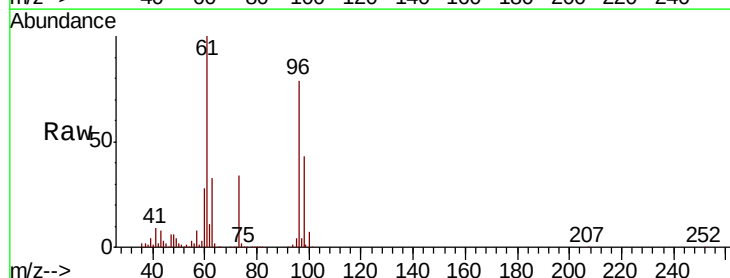
Tgt Ion: 96 Resp: 75934

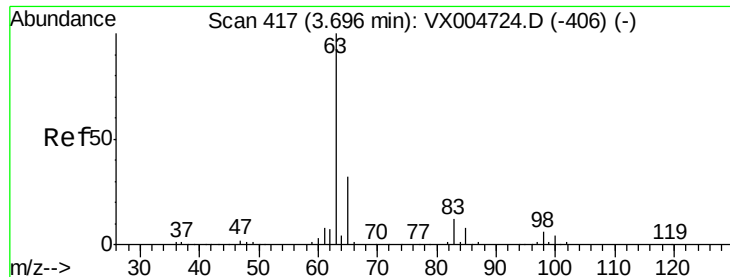
Ion Ratio Lower Upper

96 100

61 126.1 113.8 170.6

98 54.6 51.8 77.8

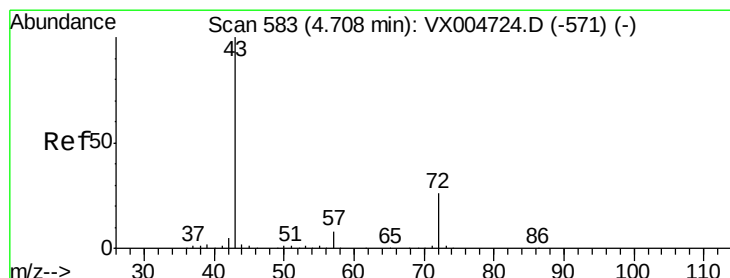
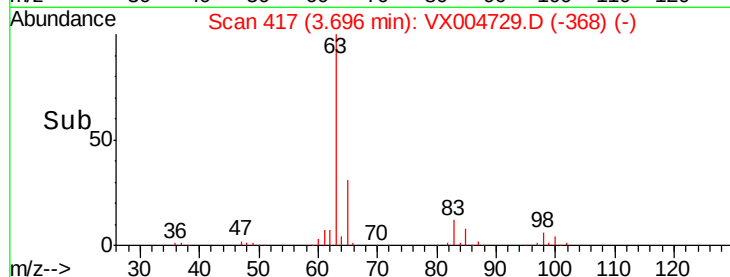
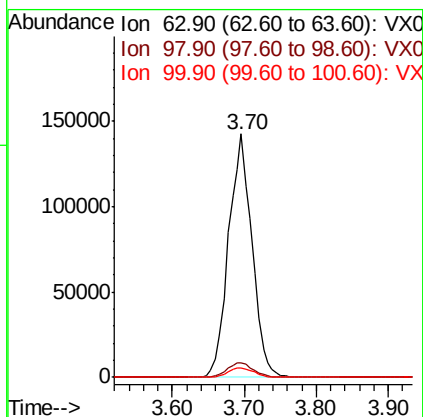
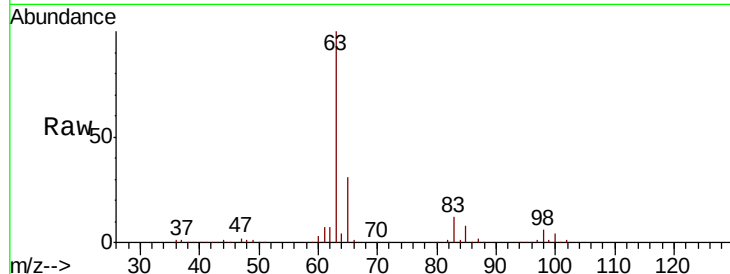




#24
 1,1-Dichloroethane
 Concen: 50.008 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

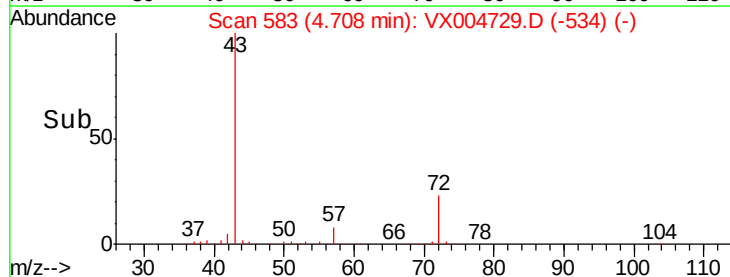
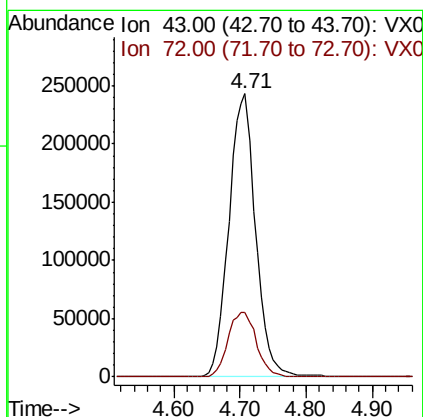
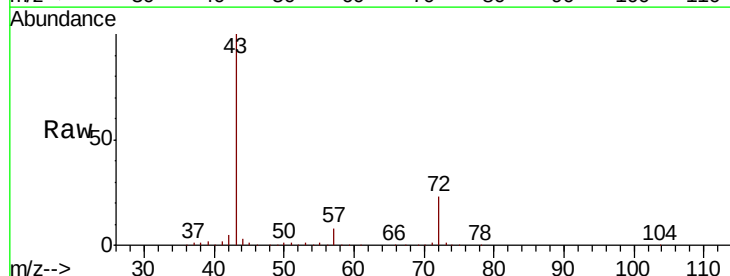
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

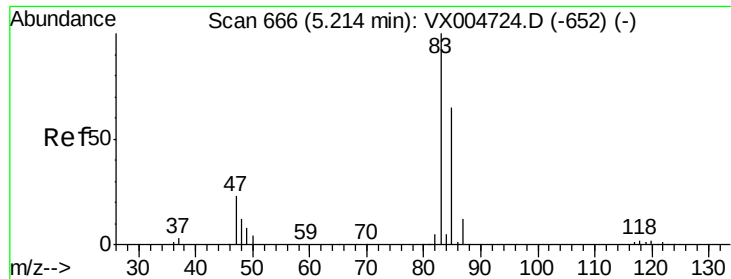
Tot Ion: 63 Resp: 321403
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 3.8 2.4 7.1



#25
 2-Butanone
 Concen: 204.514 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion: 43 Resp: 680419
 Ion Ratio Lower Upper
 43 100
 72 22.9 22.0 33.0

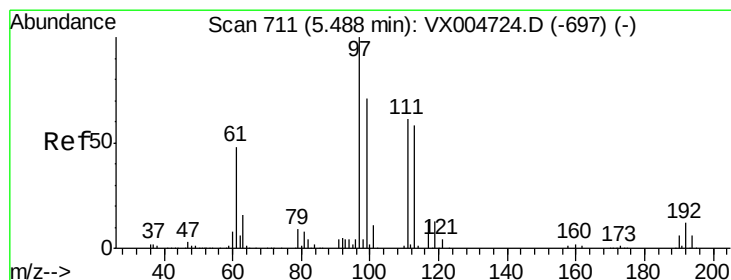
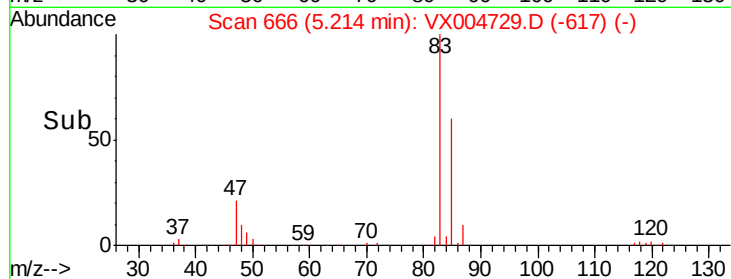
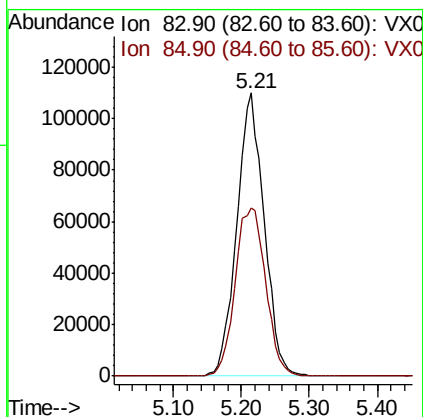
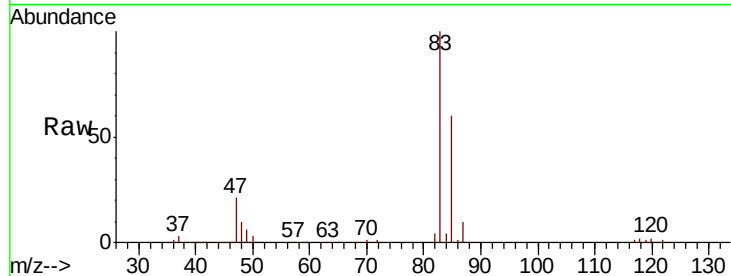




#30
Chloroform
Concen: 50.637 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004729.D
Acq: 26 Sep 2018 16:32

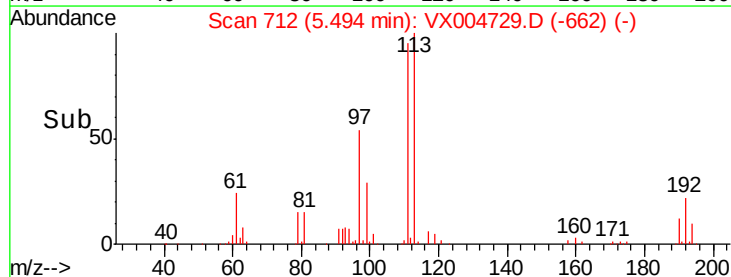
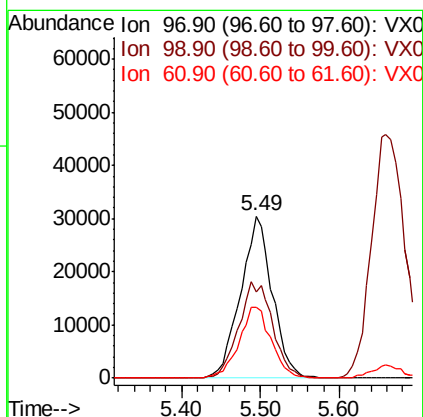
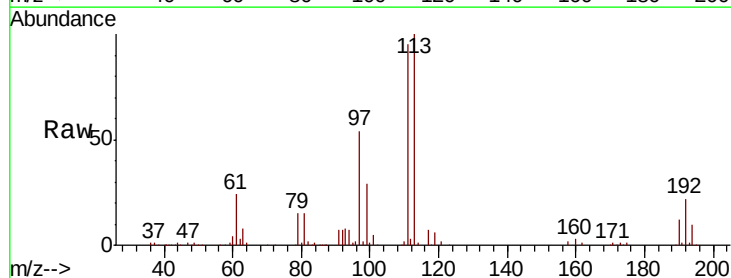
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

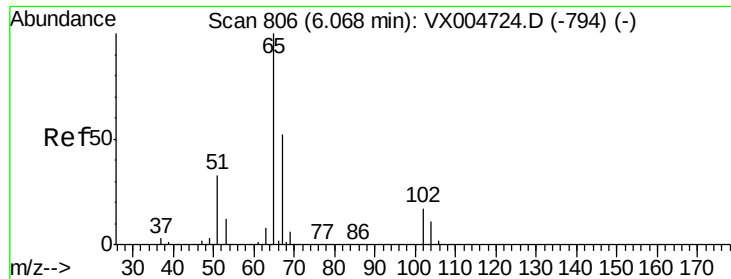
Tot Ion: 83 Resp: 307576
Ion Ratio Lower Upper
83 100
85 59.6 52.6 79.0



#32
1,1,1-Trichloroethane
Concen: 17.124 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004729.D
Acq: 26 Sep 2018 16:32

Tgt Ion: 97 Resp: 84943
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 44.6 34.9 52.3

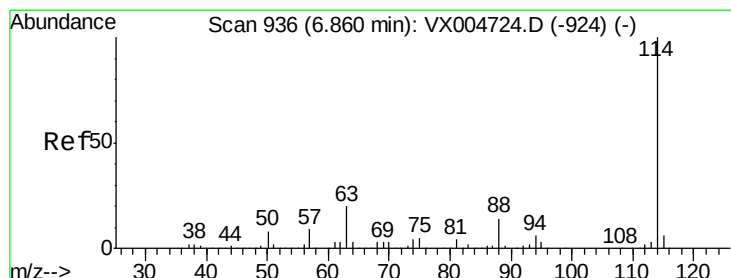
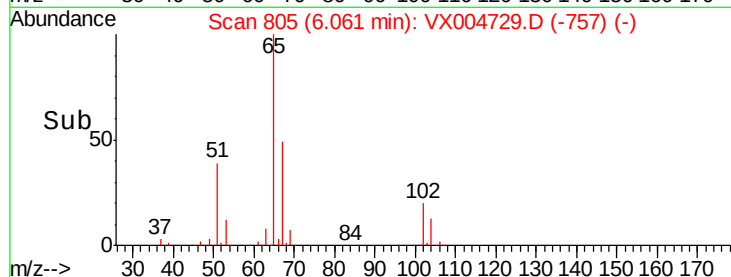
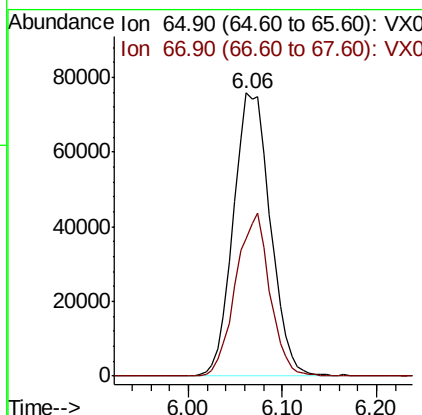
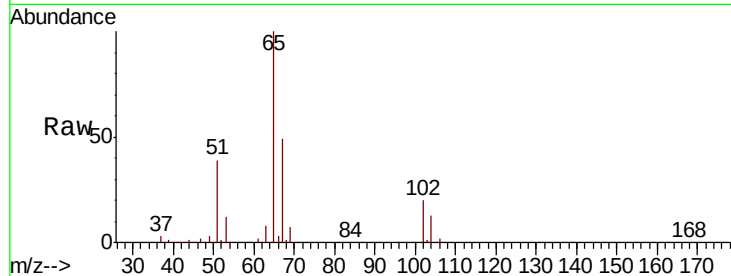




#33
 1,2-Dichloroethane-d4
 Concen: 53.943 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

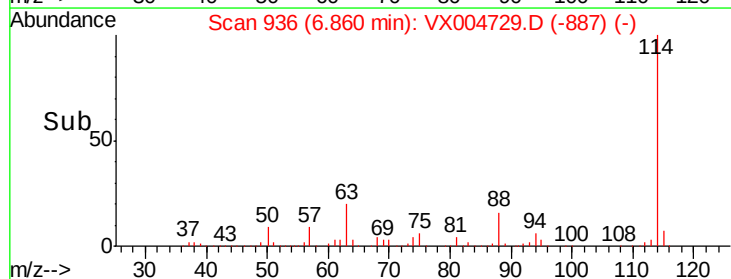
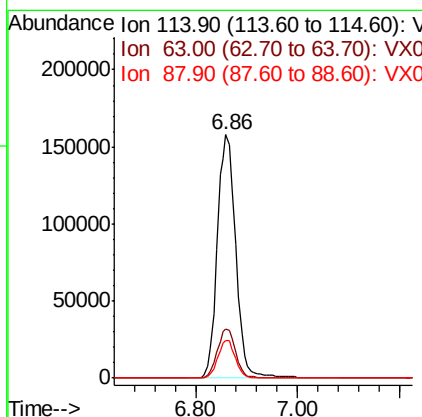
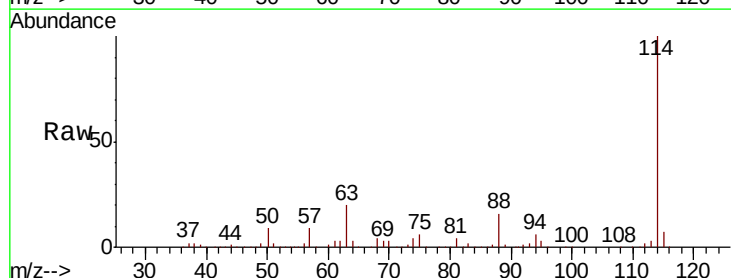
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

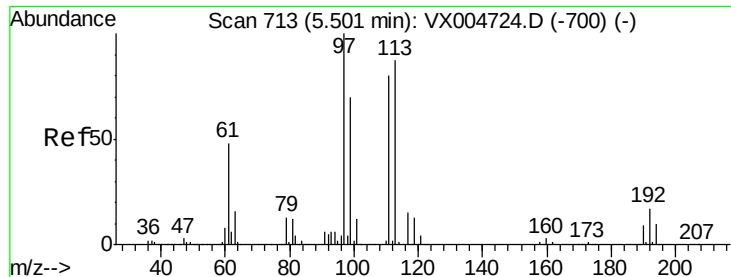
Tot Ion: 65 Resp: 208548
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion: 114 Resp: 397120
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.6 0.0 30.4

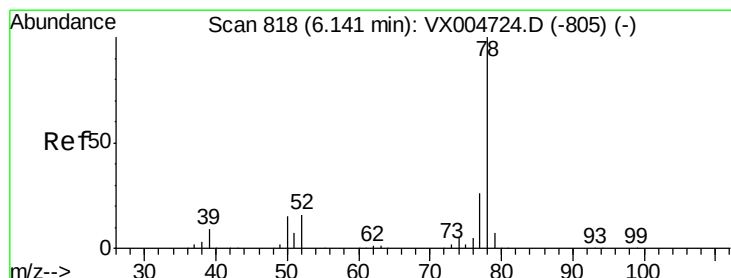
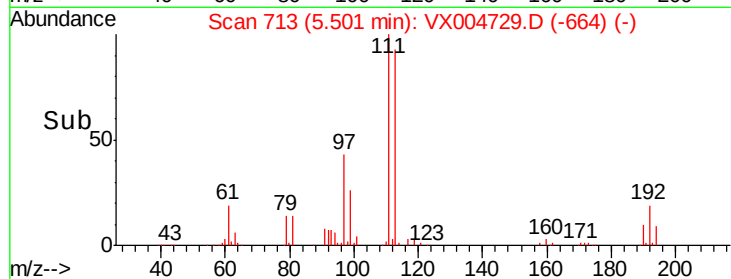
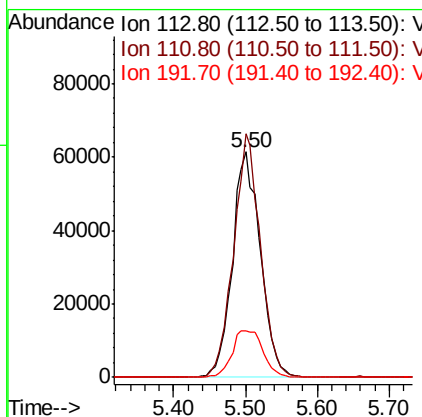
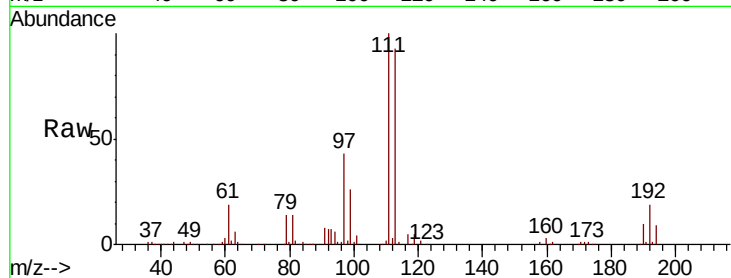




#35
 Dibromofluoromethane
 Concen: 49.224 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

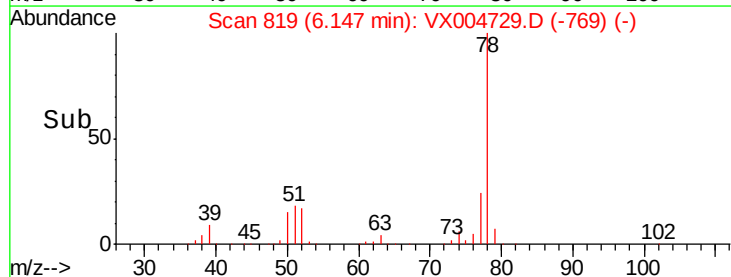
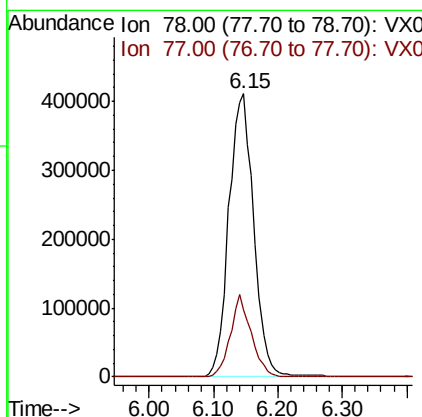
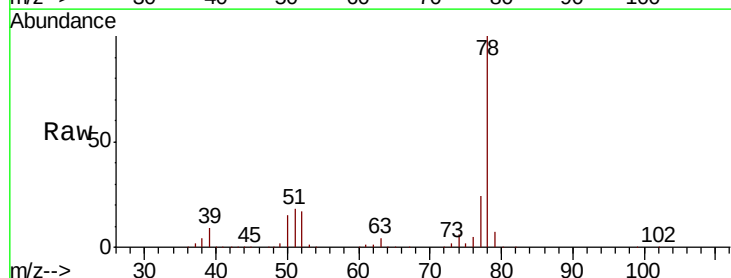
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

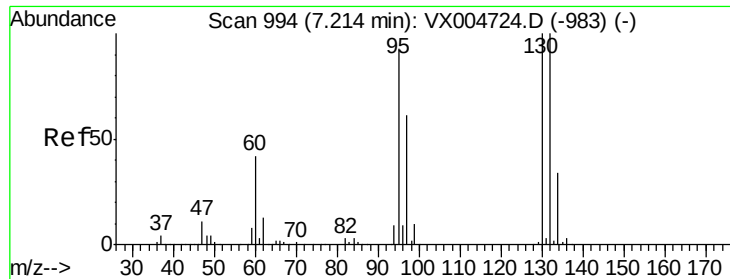
Tot Ion:113 Resp: 165669
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 23.0 19.4 29.2



#40
 Benzene
 Concen: 77.566 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion: 78 Resp: 1115100
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.4





#44

Trichloroethene

Concen: 68.448 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

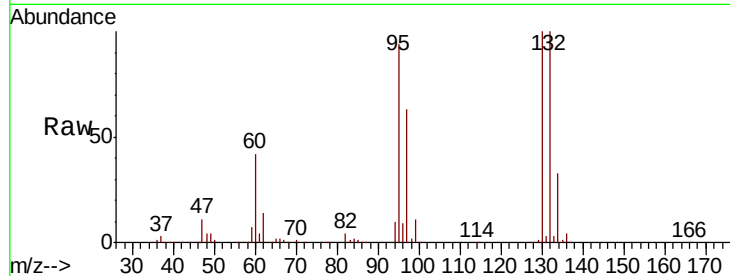
PT-VOA-WP

Tot Ion:130 Resp: 241902

Ion Ratio Lower Upper

130 100

95 94.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

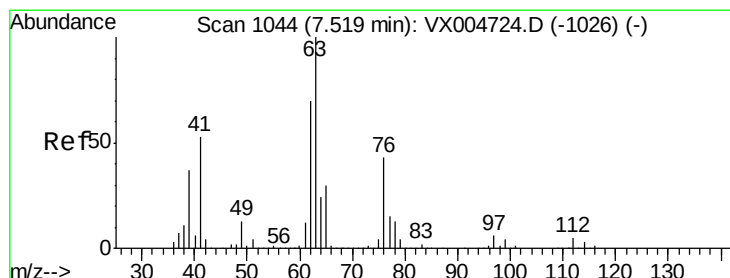
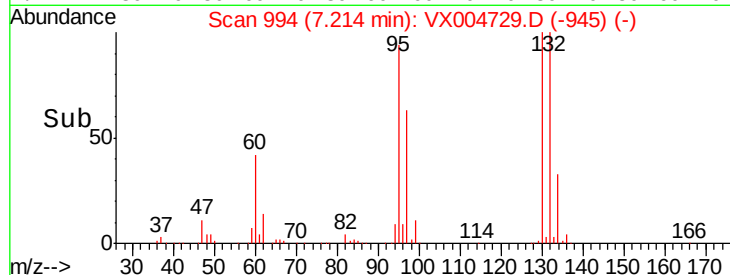
7.21

100000

50000

0

Time-->



#45

1,2-Dichloropropane

Concen: 85.044 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004729.D

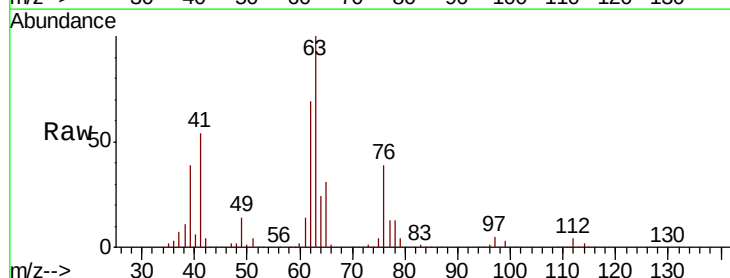
Acq: 26 Sep 2018 16:32

Tgt Ion: 63 Resp: 299819

Ion Ratio Lower Upper

63 100

65 30.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

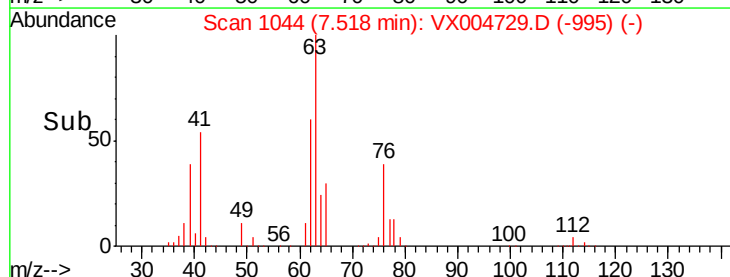
150000

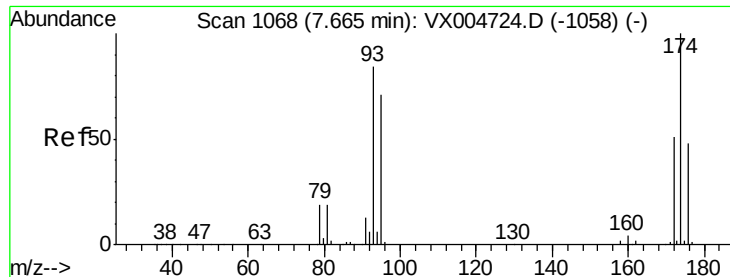
100000

50000

0

Time-->





#46

Dibromomethane

Concen: 116.207 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

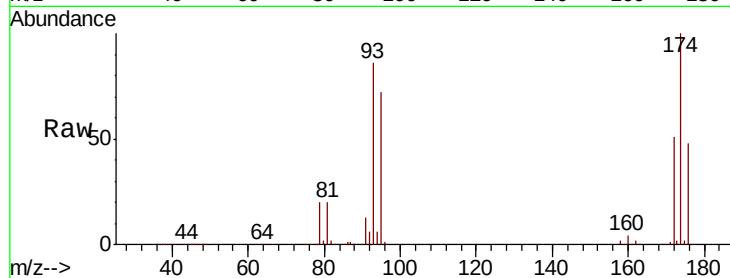
Tot Ion: 93 Resp: 257471

Ion Ratio Lower Upper

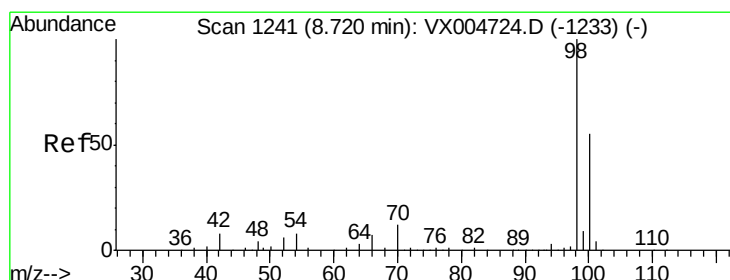
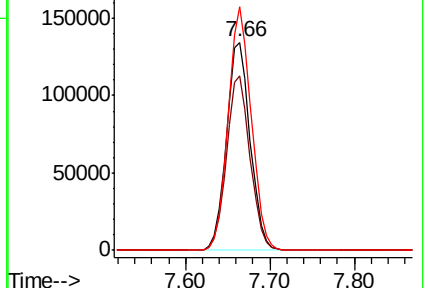
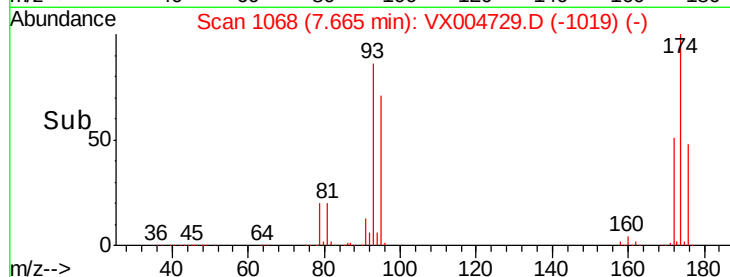
93 100

95 83.6 65.5 98.3

174 114.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#50

Toluene-d8

Concen: 52.443 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004729.D

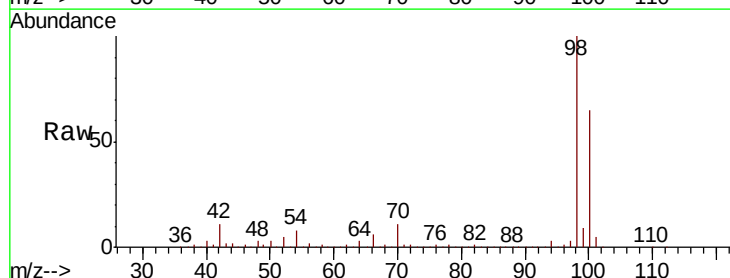
Acq: 26 Sep 2018 16:32

Tgt Ion: 98 Resp: 586788

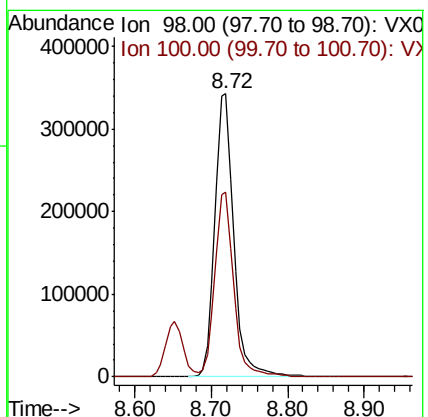
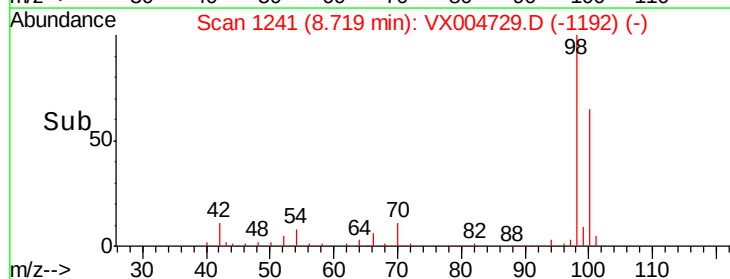
Ion Ratio Lower Upper

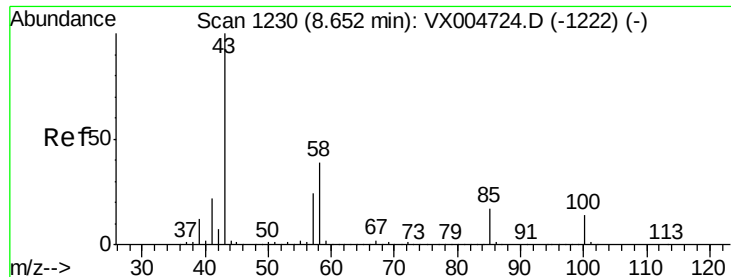
98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 147.719 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

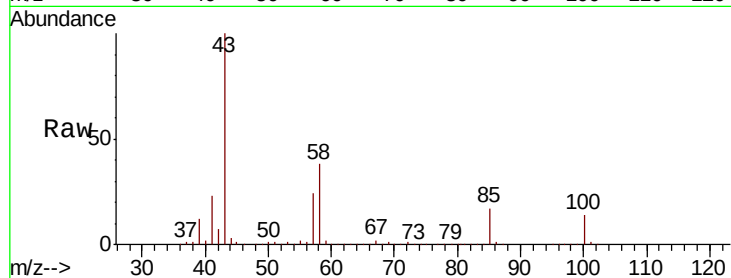
PT-VOA-WP

Tot Ion: 43 Resp: 818288

Ion Ratio Lower Upper

43 100

58 38.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

500000

400000

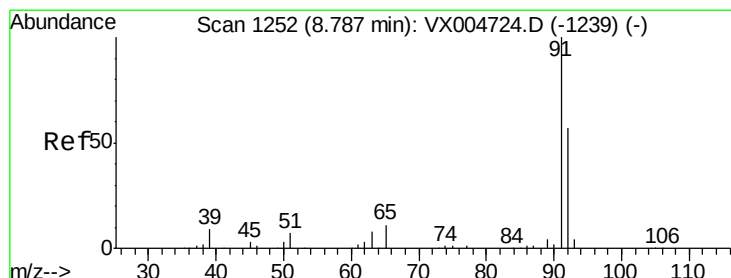
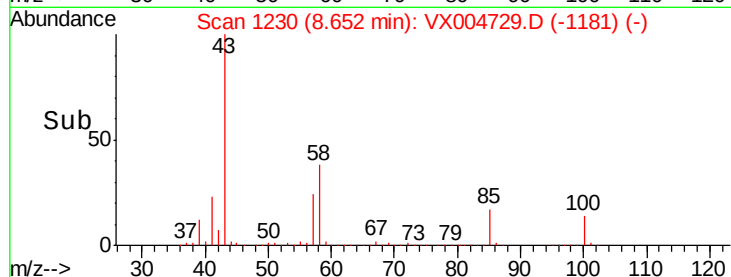
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.717 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004729.D

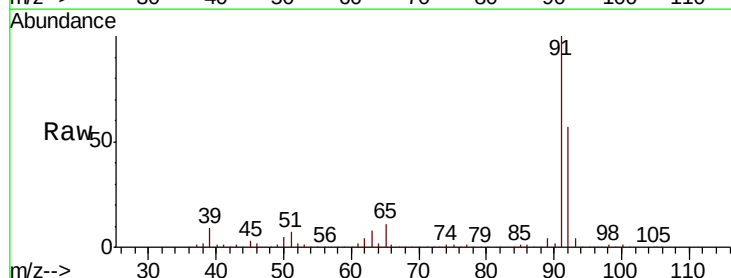
Acq: 26 Sep 2018 16:32

Tgt Ion: 92 Resp: 408538

Ion Ratio Lower Upper

92 100

91 174.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

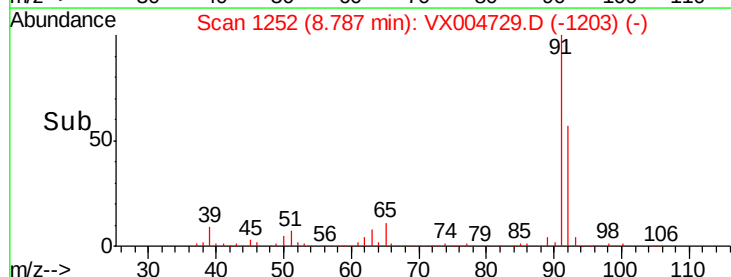
300000

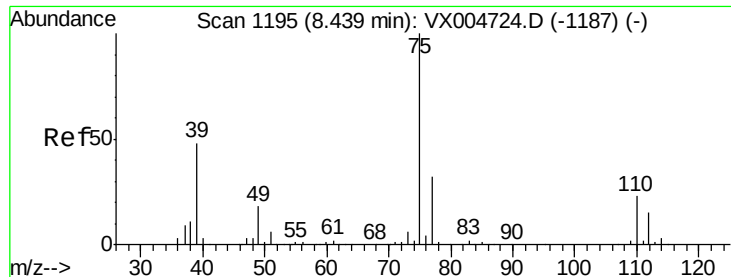
200000

100000

0

Time-->



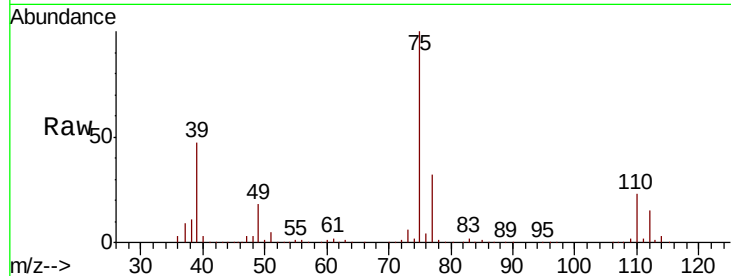


#54

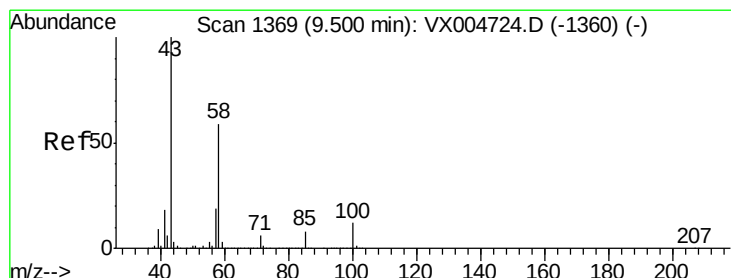
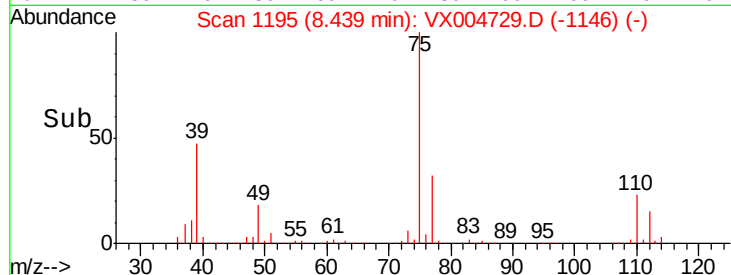
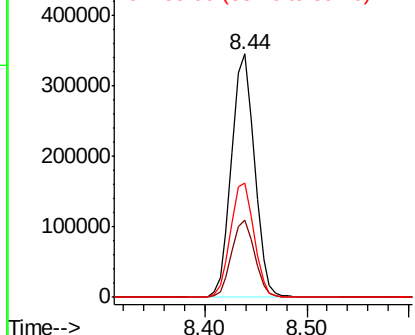
cis-1,3-Dichloropropene
 Concen: 109.938 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.2
39	46.8	36.4	54.6



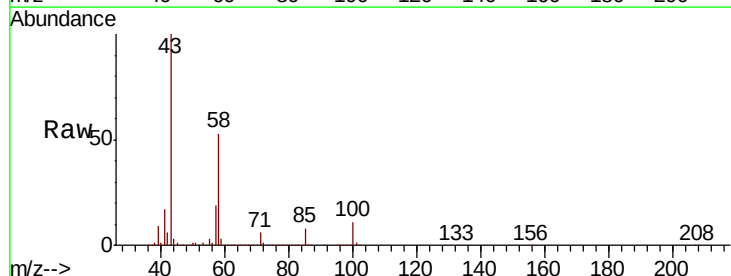
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



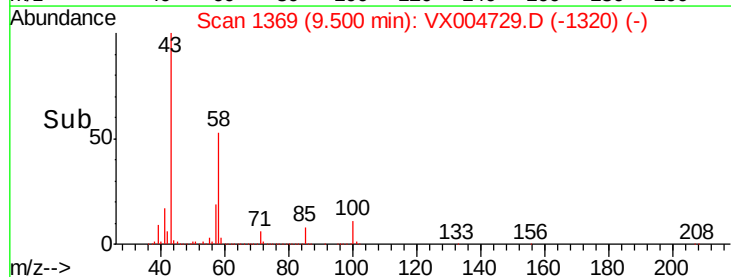
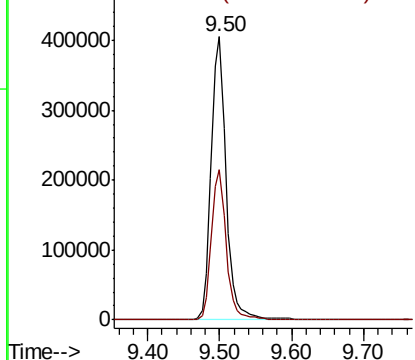
#59

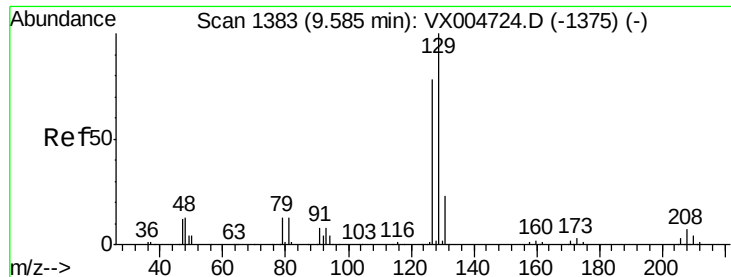
2-Hexanone
 Concen: 126.165 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.7	29.0	87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

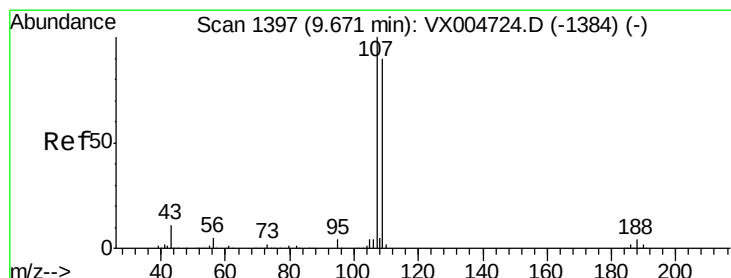
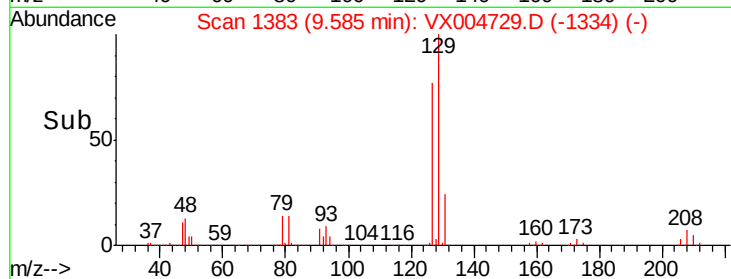
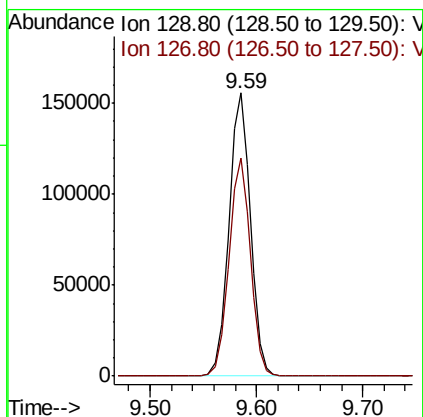
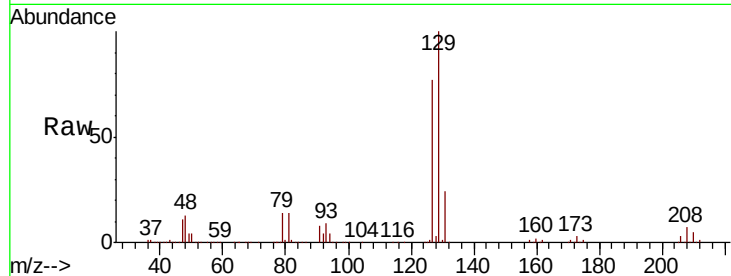




#60
 Dibromochloromethane
 Concen: 63.569 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

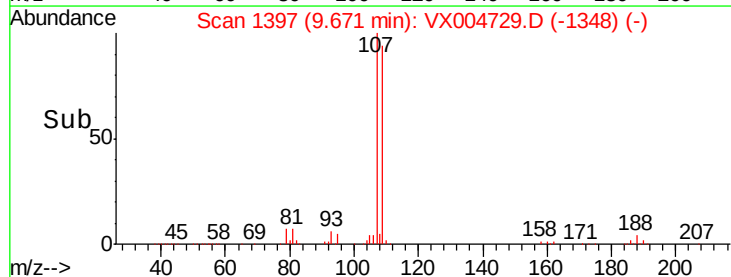
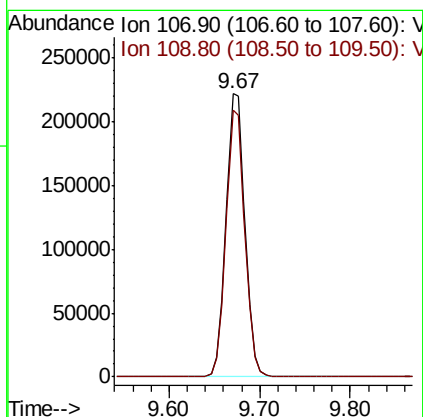
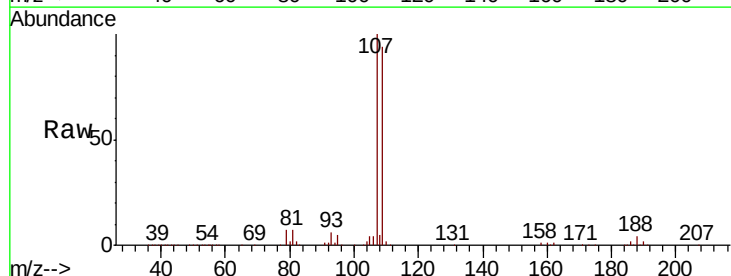
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

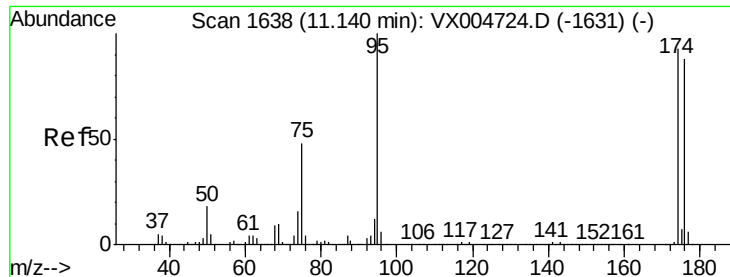
Tot Ion:129 Resp: 219978
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.5 115.5



#61
 1,2-Dibromoethane
 Concen: 86.602 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion:107 Resp: 320923
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.0 114.0

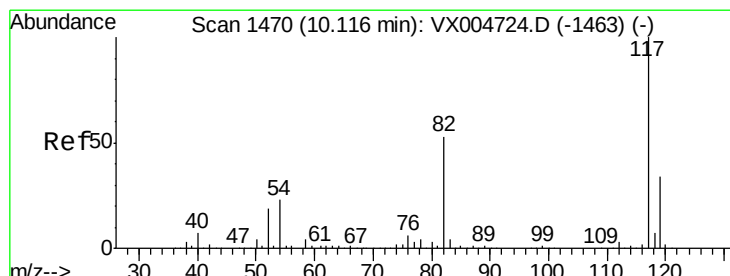
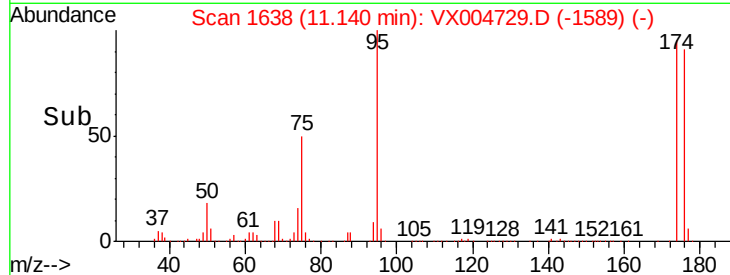
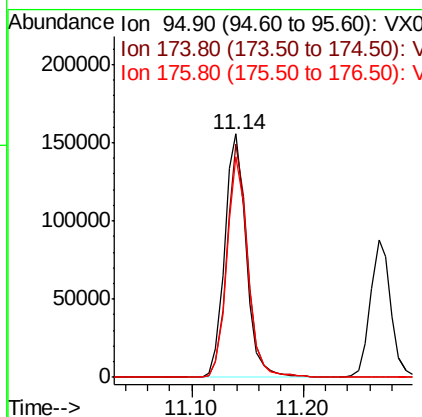
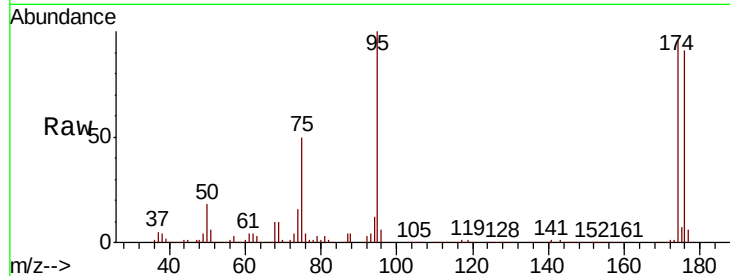




#62
4-Bromofluorobenzene
Concen: 51.511 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004729.D
Acq: 26 Sep 2018 16:32

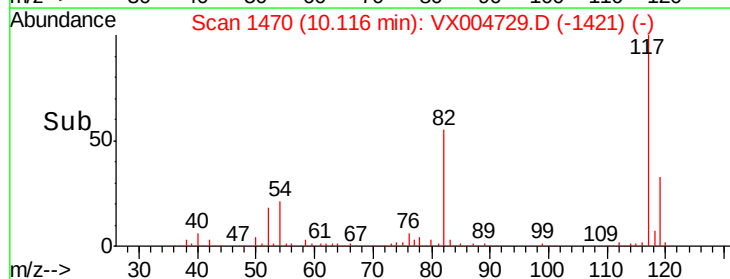
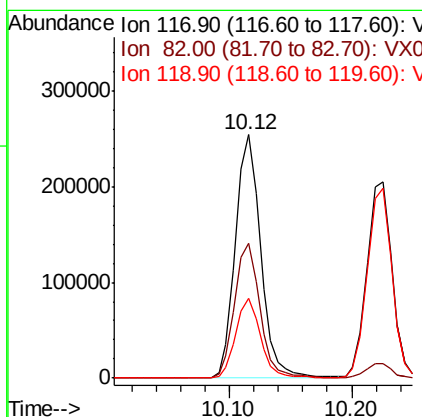
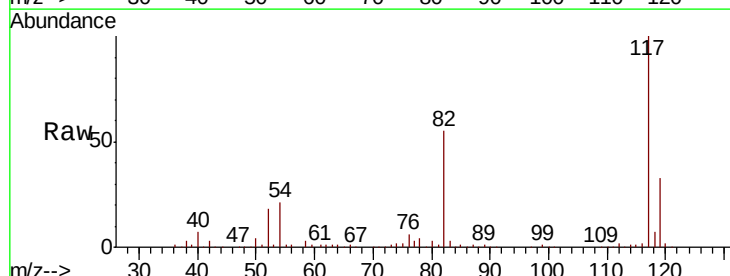
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

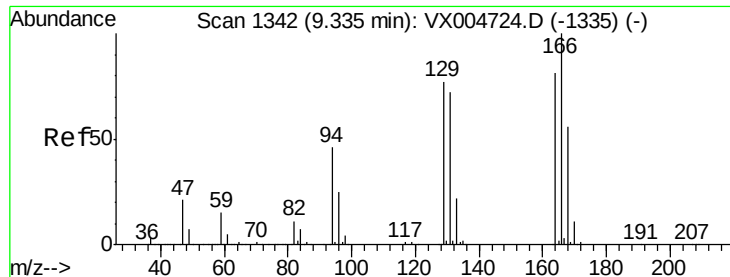
Tot Ion	95	Resp	207635
Ion Ratio	Lower	Upper	
95	100		
174	92.0	0.0	185.2
176	88.3	0.0	178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004729.D
Acq: 26 Sep 2018 16:32

Tgt Ion	117	Resp	366154
Ion Ratio	Lower	Upper	
117	100		
82	55.1	47.8	71.6
119	32.6	29.3	43.9





#64

Tetrachloroethene

Concen: 48.347 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

Tot Ion:164 Resp: 174231

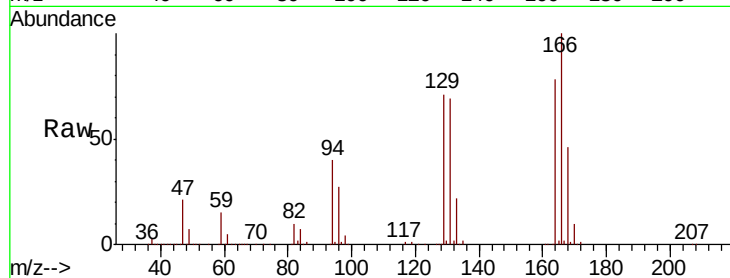
Ion Ratio Lower Upper

164 100

166 128.0 102.8 154.2

129 90.7 69.4 104.0

131 88.4 67.9 101.9

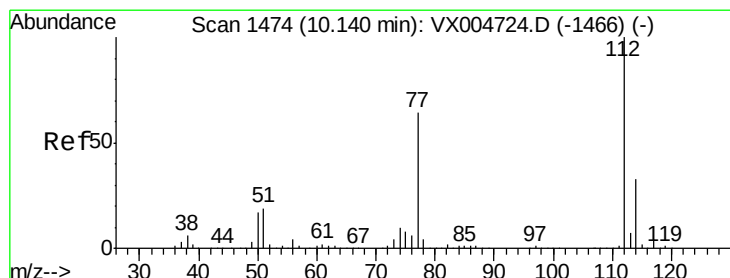
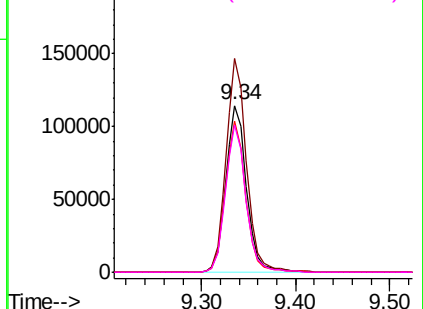
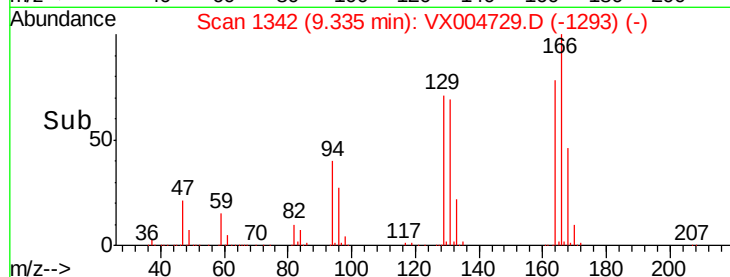


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 39.585 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004729.D

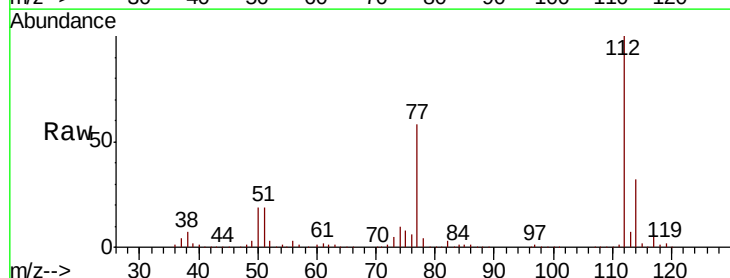
Acq: 26 Sep 2018 16:32

Tgt Ion:112 Resp: 371669

Ion Ratio Lower Upper

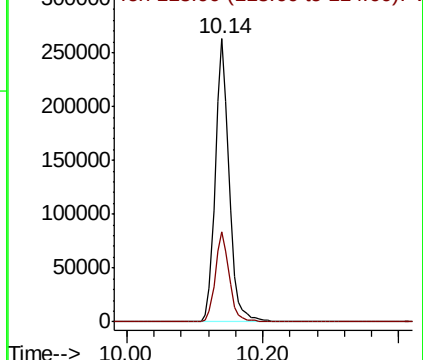
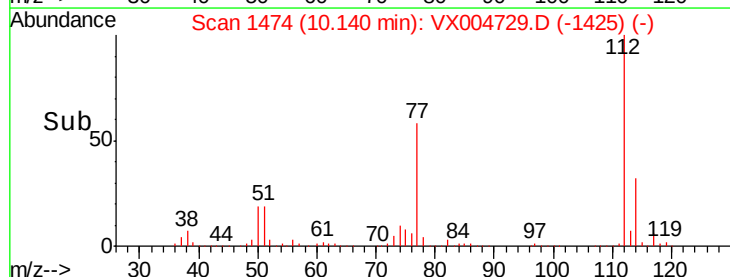
112 100

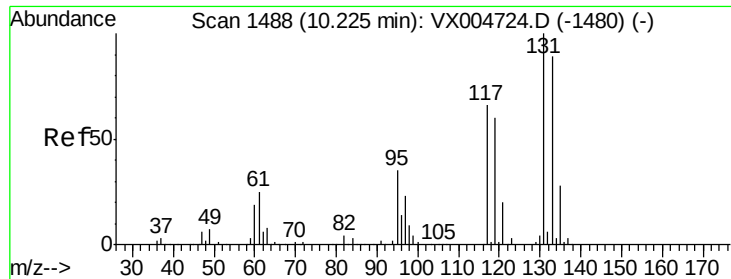
114 32.0 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

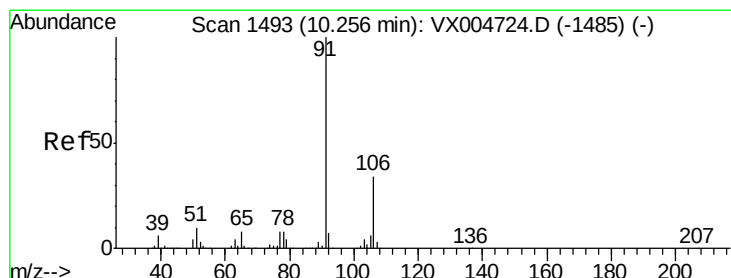
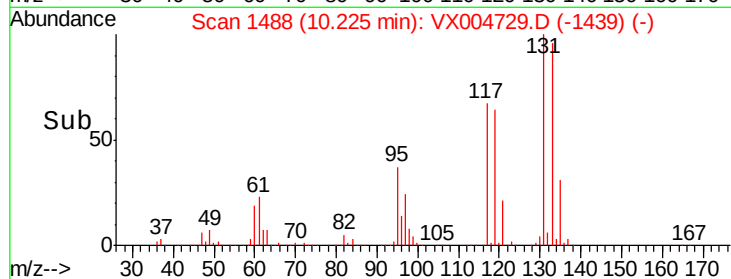
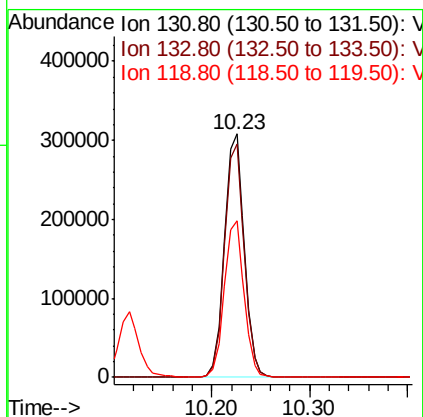
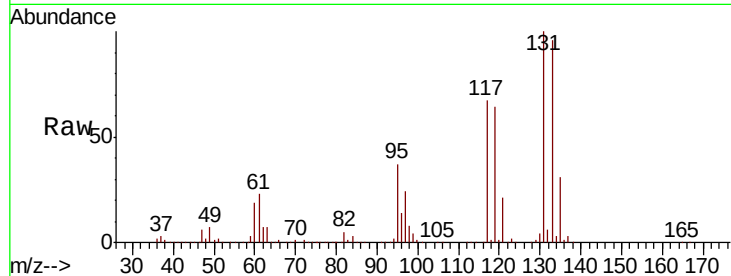




#66
 1,1,1,2-Tetrachloroethane
 Concen: 130.635 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

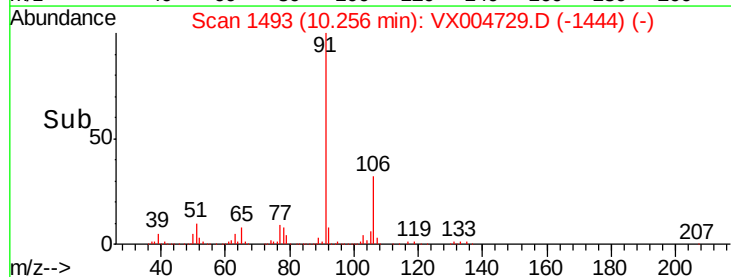
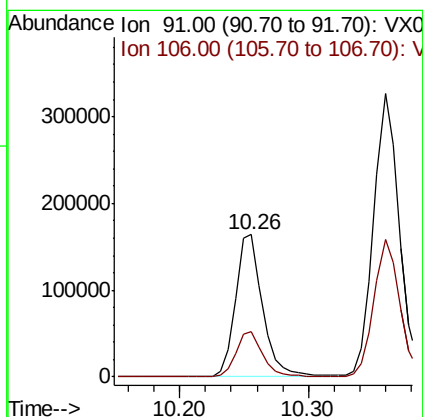
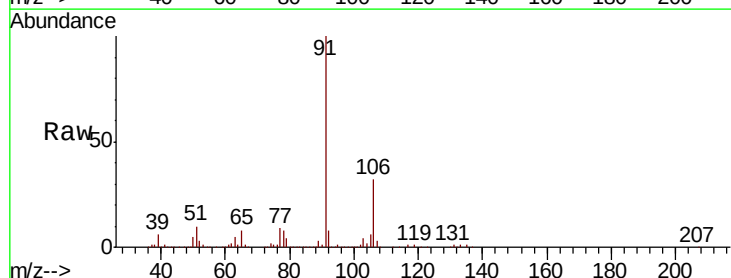
Instrument :
 MSVOA_X
 ClientSampled :
 PT-VOA-WP

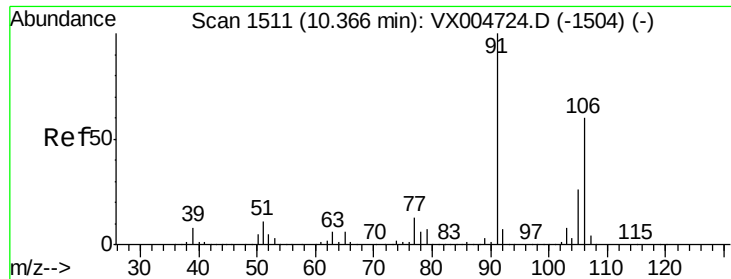
Tot Ion:131 Resp: 431206
 Ion Ratio Lower Upper
 131 100
 133 95.7 48.1 144.4
 119 64.6 32.9 98.6



#67
 Ethyl Benzene
 Concen: 16.132 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion: 91 Resp: 240466
 Ion Ratio Lower Upper
 91 100
 106 32.2 25.9 38.9

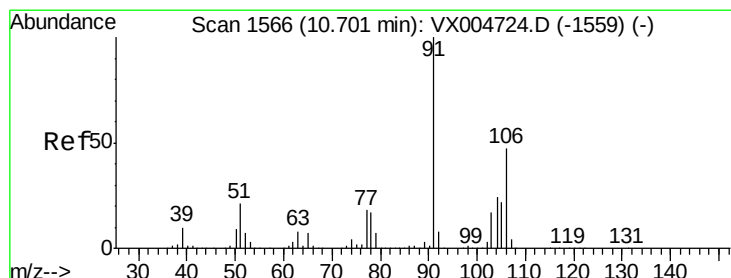
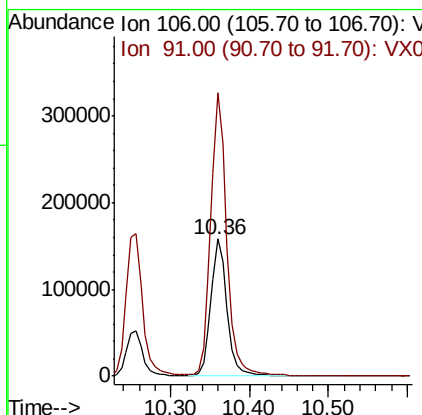
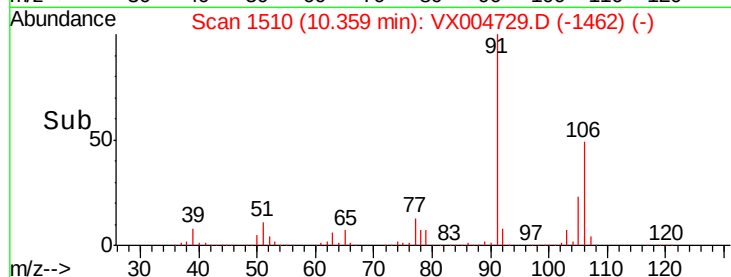
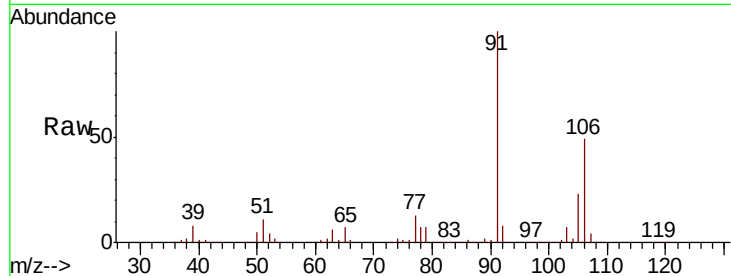




#68
m/p-Xylenes
Concen: 38.859 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004729.D
Acq: 26 Sep 2018 16:32

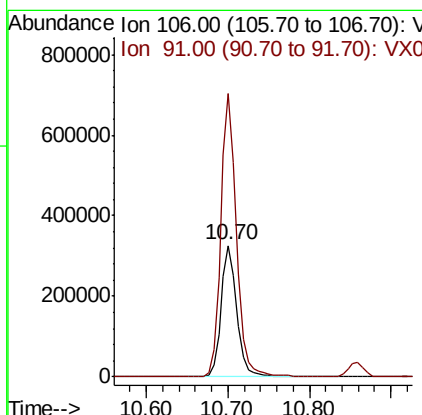
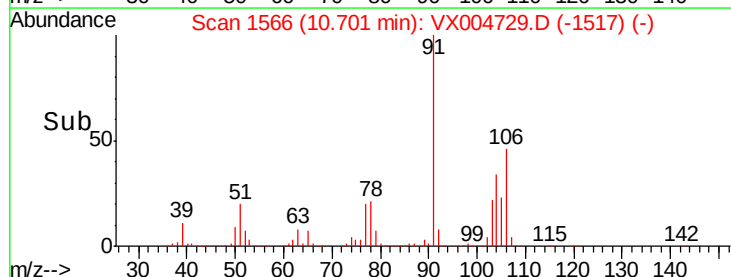
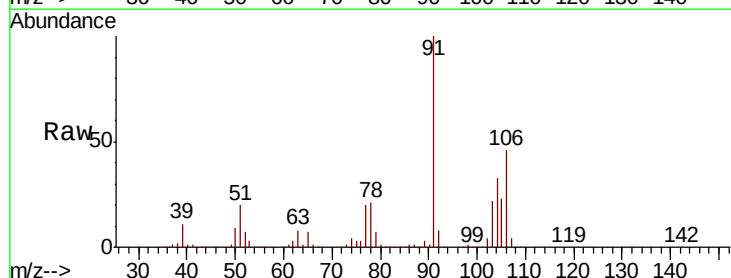
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

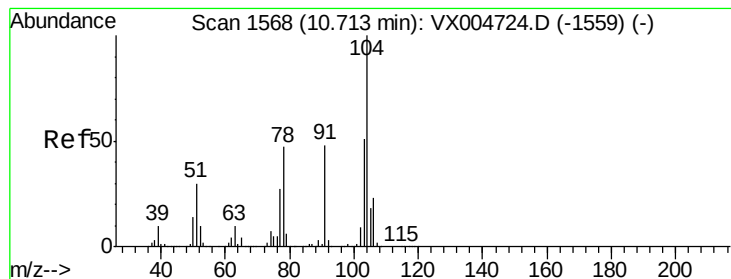
Tot Ion:106 Resp: 226354
Ion Ratio Lower Upper
106 100
91 204.7 157.1 235.7



#69
o-Xylene
Concen: 81.790 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004729.D
Acq: 26 Sep 2018 16:32

Tgt Ion:106 Resp: 437602
Ion Ratio Lower Upper
106 100
91 215.8 105.1 315.1





#70

Stvrene

Concen: 107.015 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

PT-VOA-WP

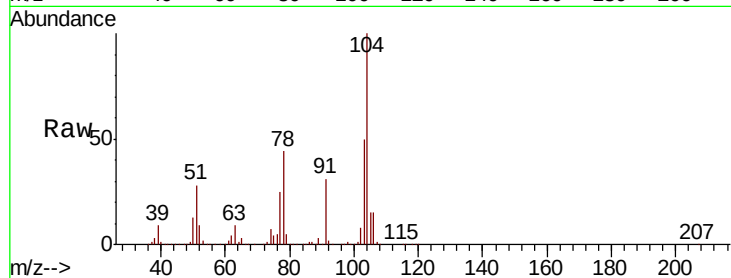
Tot Ion:104 Resp: 1096382

Ion Ratio Lower Upper

104 100

78 47.4 37.4 56.0

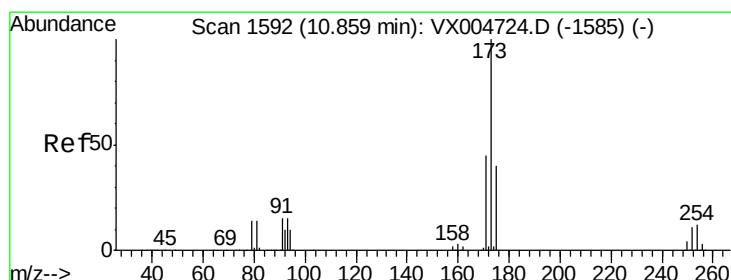
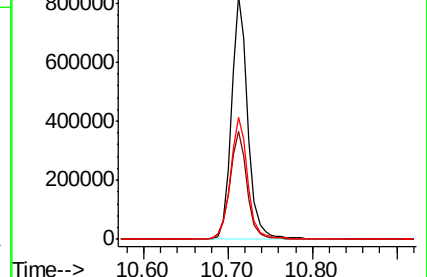
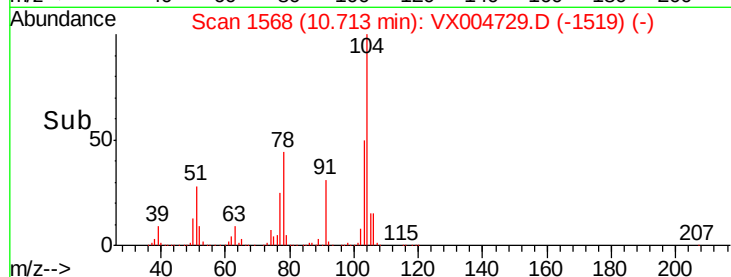
103 53.5 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 87.623 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

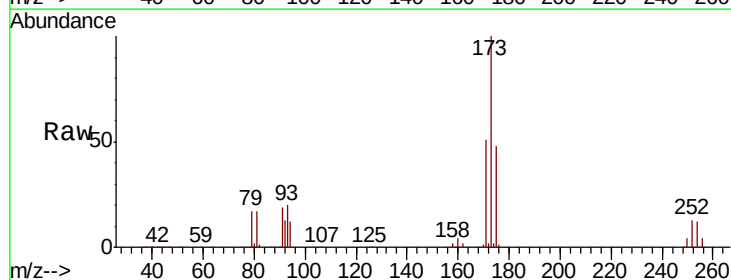
Tgt Ion:173 Resp: 247619

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

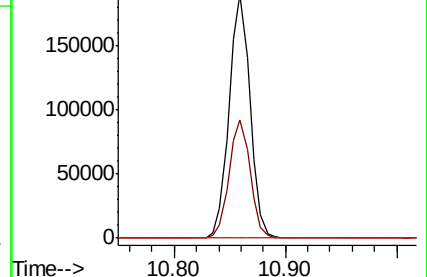
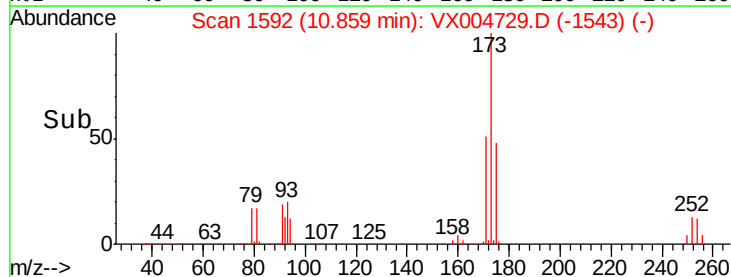
254 0.2 0.2 0.2

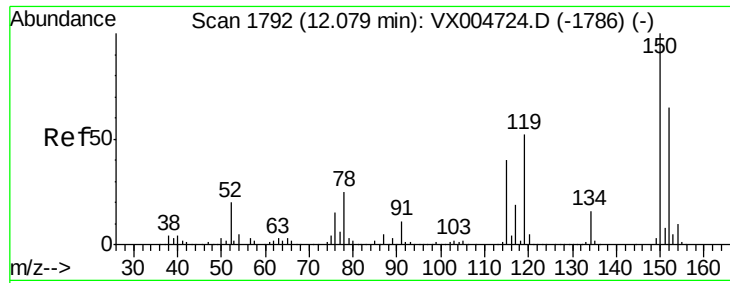


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

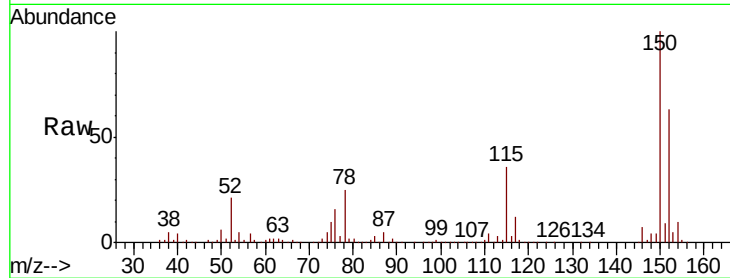
Tot Ion:152 Resp: 219409

Ion Ratio Lower Upper

152 100

115 56.0 39.0 117.0

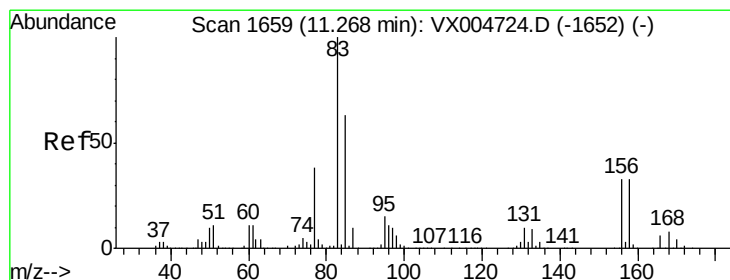
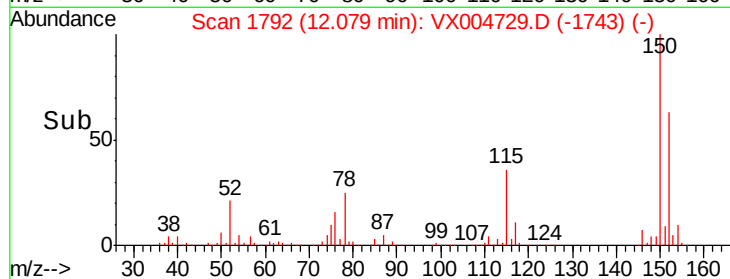
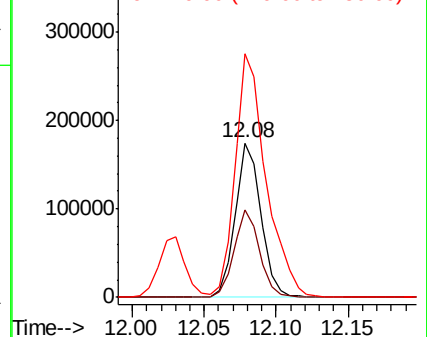
150 188.0 0.0 351.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: 126.952 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

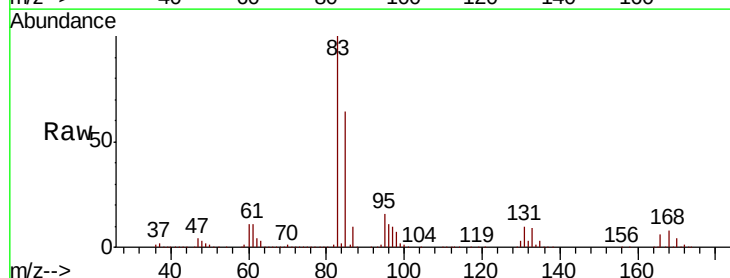
Tgt Ion: 83 Resp: 714691

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

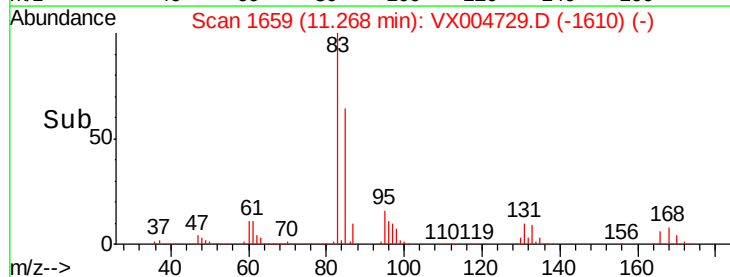
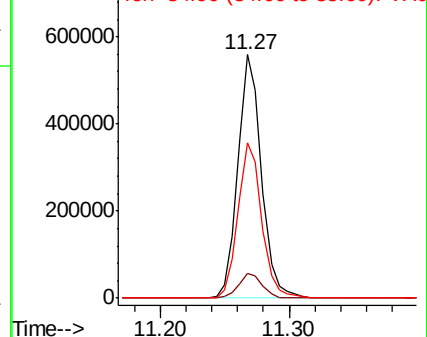
85 64.4 32.3 96.8

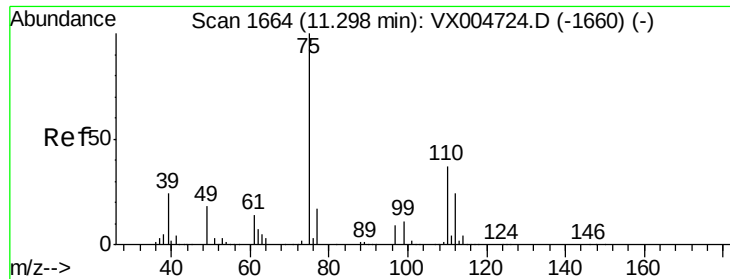


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

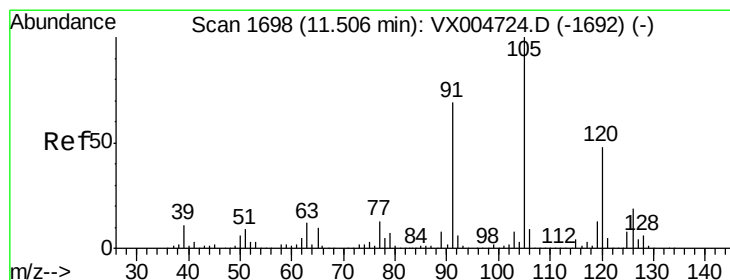
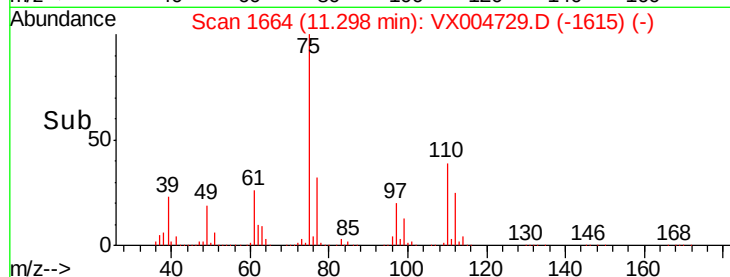
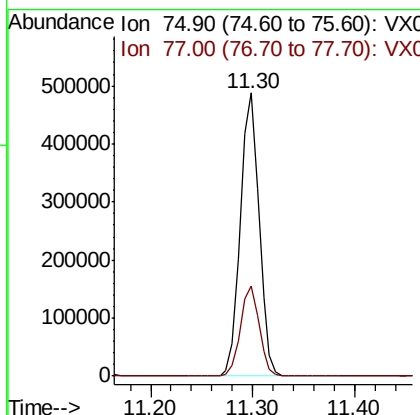
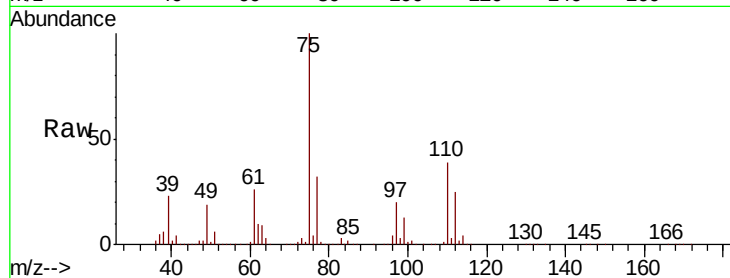




#76
 1,2,3-Trichloropropane
 Concen: 124.609 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

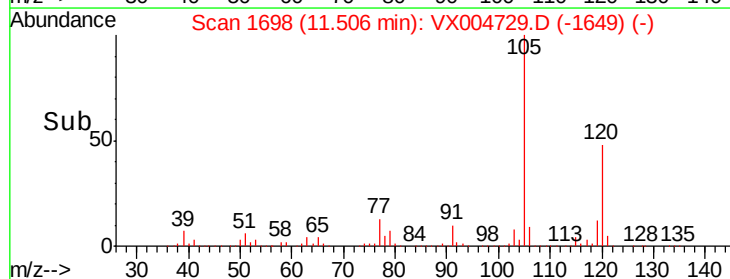
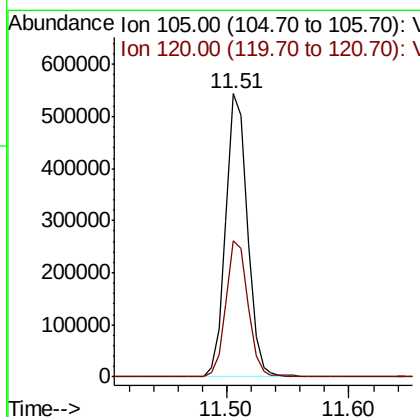
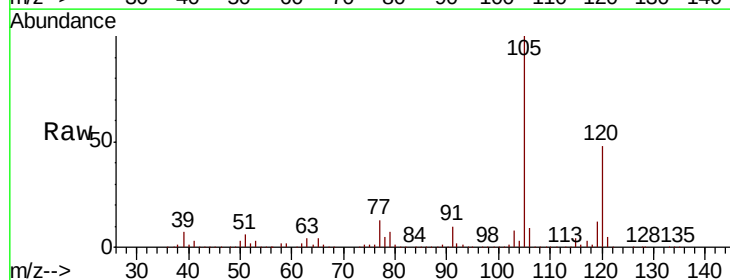
Instrument :
 MSVOA_X
 ClientSampled :
 PT-VOA-WP

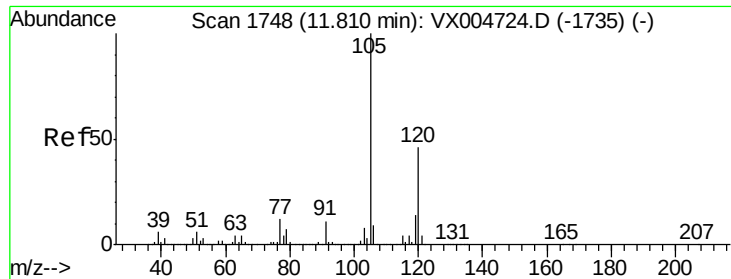
Tot Ion: 75 Resp: 612797
 Ion Ratio Lower Upper
 75 100
 77 31.8 20.2 60.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.679 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion: 105 Resp: 667593
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.6 76.8

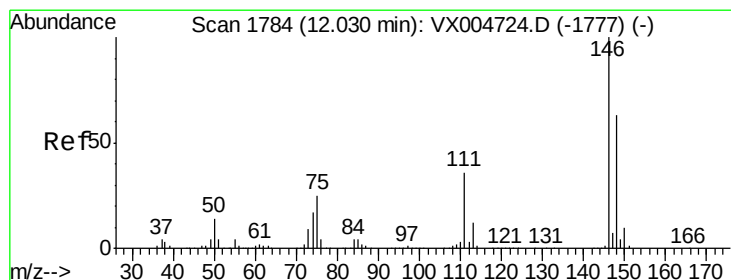
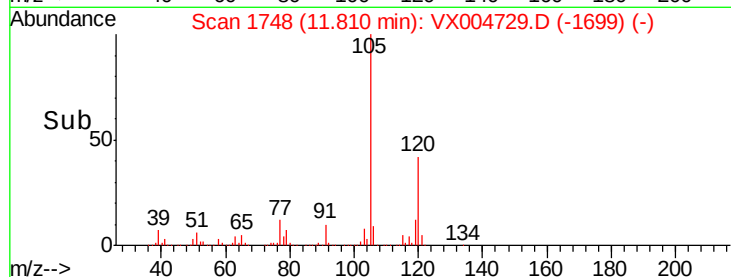
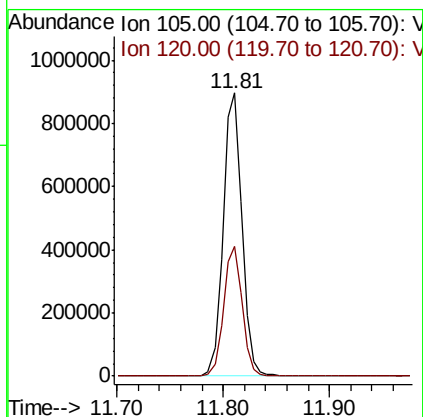
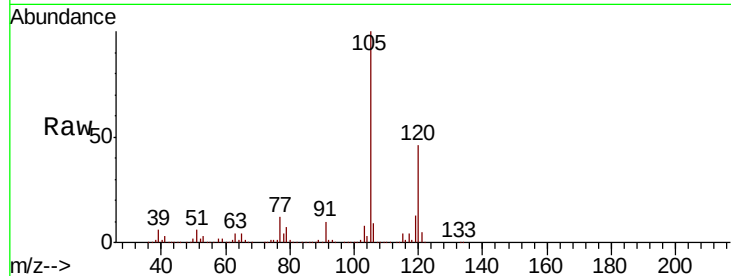




#84
 1,2,4-Trimethylbenzene
 Concen: 84.326 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

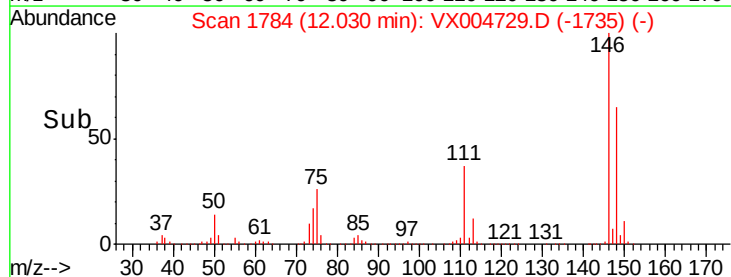
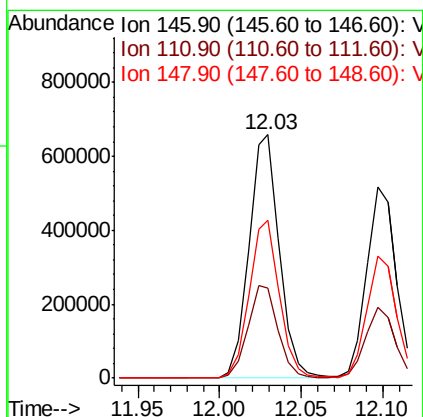
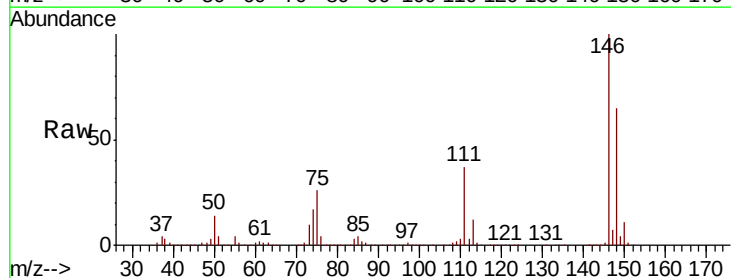
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

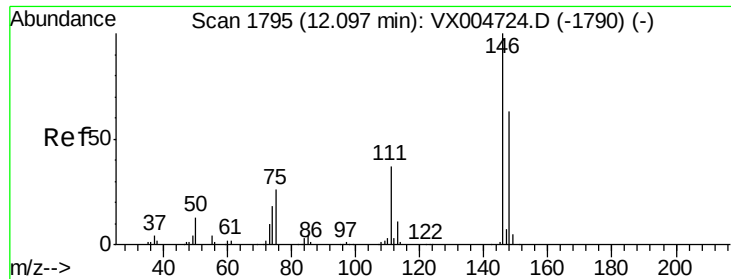
Tot Ion:105 Resp: 1100512
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6



#87
 1,3-Dichlorobenzene
 Concen: 113.553 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion:146 Resp: 851731
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 64.4 32.1 96.5

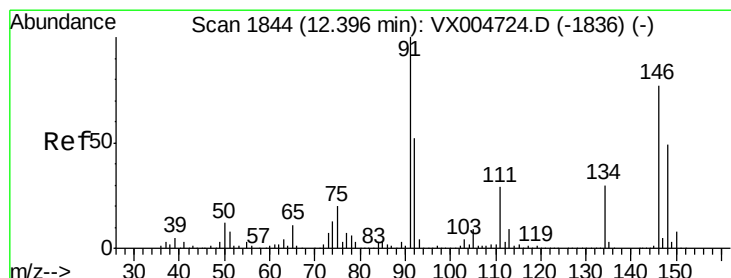
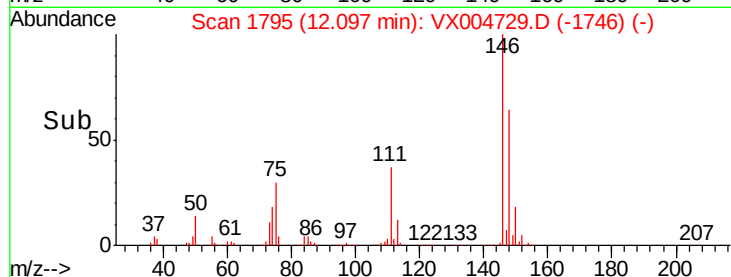
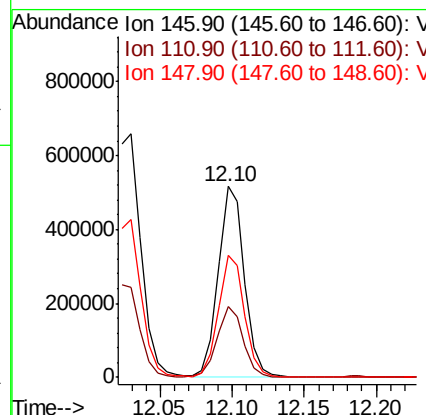
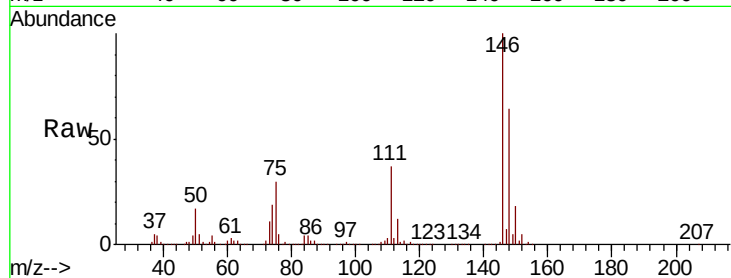




#88
 1,4-Dichlorobenzene
 Concen: 84.700 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

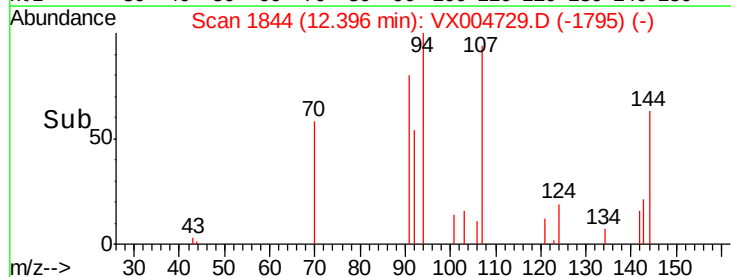
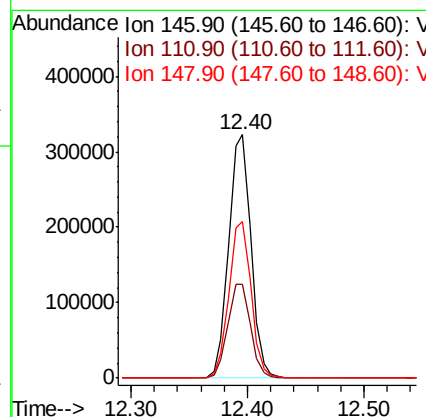
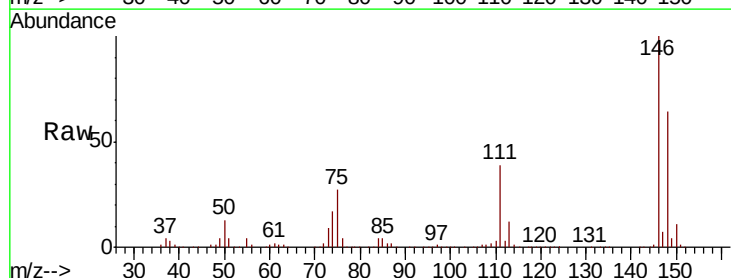
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

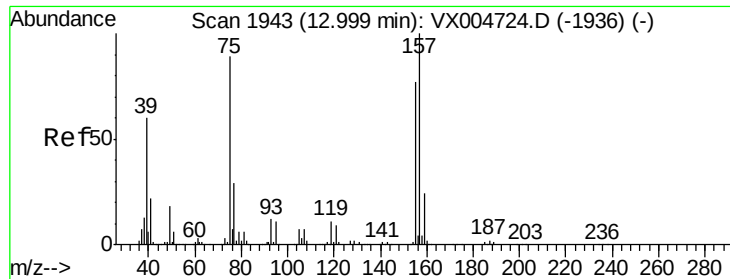
Tot Ion:146 Resp: 655828
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.0 32.0 96.0



#91
 1,2-Dichlorobenzene
 Concen: 54.438 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004729.D
 Acq: 26 Sep 2018 16:32

Tgt Ion:146 Resp: 426719
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.1
 148 64.3 32.8 98.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 75.858 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

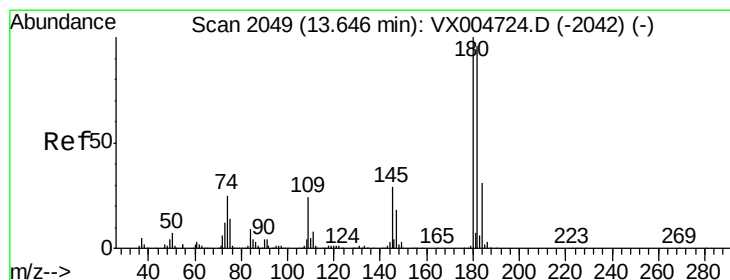
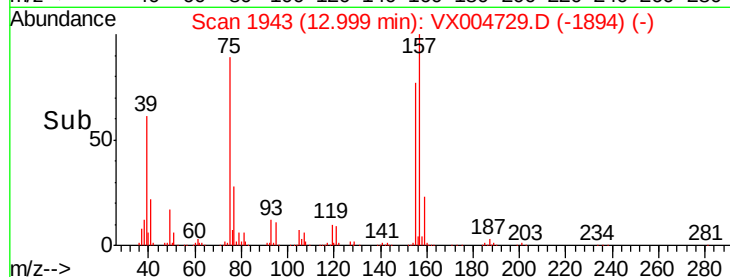
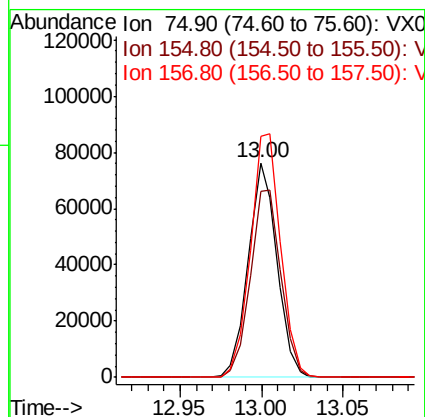
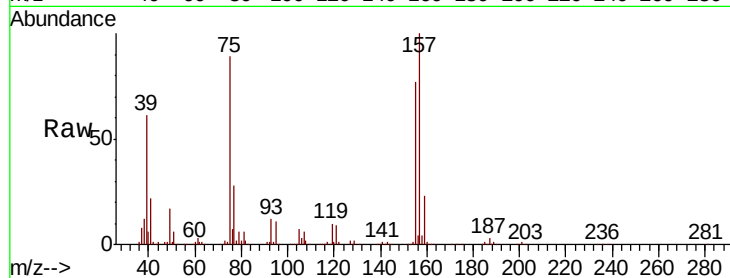
Tot Ion: 75 Resp: 93767

Ion	Ratio	Lower	Upper
75	100		
155	93.1	48.0	144.2
157	119.0	61.4	184.1

75 100

155 93.1 48.0 144.2

157 119.0 61.4 184.1



#93

1,2,4-Trichlorobenzene

Concen: 129.484 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

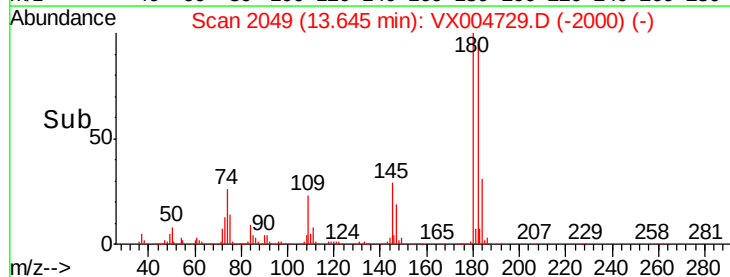
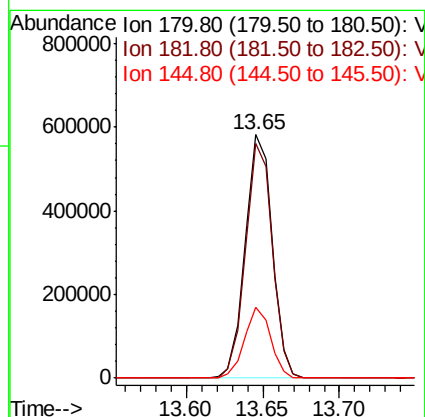
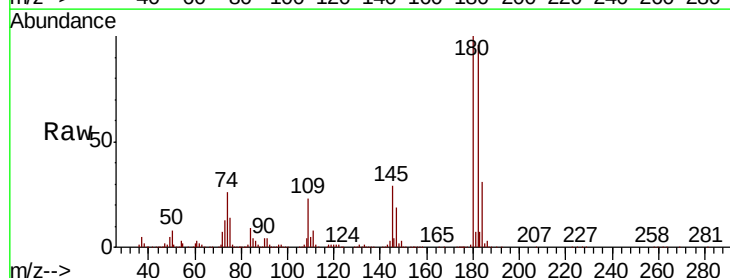
Tgt Ion: 180 Resp: 711988

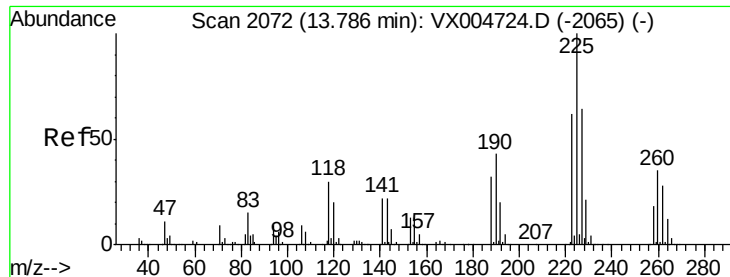
Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.0
145	28.3	14.3	42.9

180 100

182 95.9 48.4 145.0

145 28.3 14.3 42.9





#94

Hexachlorobutadiene

Concen: 188.105 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

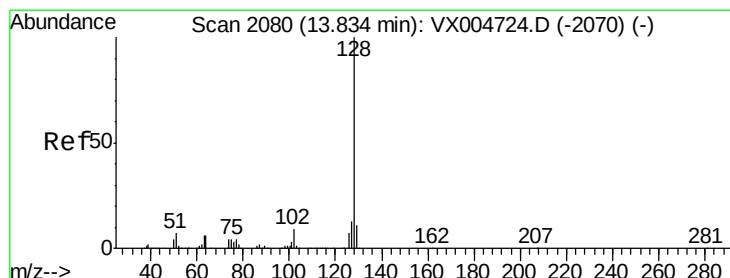
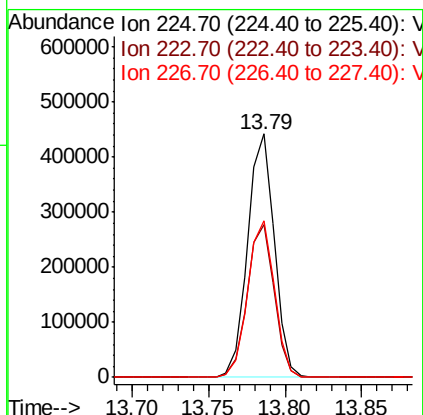
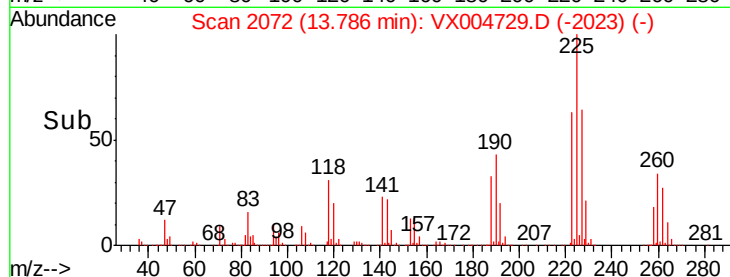
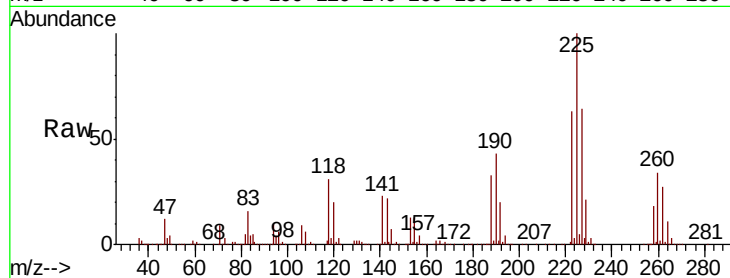
Tot Ion:225 Resp: 536354

Ion Ratio Lower Upper

225 100

223 62.9 30.1 90.5

227 64.4 30.8 92.4



#95

Naphthalene

Concen: 136.153 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004729.D

Acq: 26 Sep 2018 16:32

Tgt Ion:128 Resp: 2507814

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.6 12.8

