

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
 Data File : VX004918.D
 Acq On : 02 Oct 2018 14:23
 Operator : JC/MD
 Sample : J4870-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Oct 03 15:47:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	51419	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	270882	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	258460	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	112678	28.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.13%
60) 4-Bromofluorobenzene	11.14	95	124105	28.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.30%
63) Toluene-d8	8.71	98	353781	30.66	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.20%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.40	62	170047	40.047	ug/l 99
5) Bromomethane	1.65	94	112072	55.002	ug/l 99
6) Chloroethane	1.73	64	70266	28.823	ug/l 96
11) Methyl Iodide	2.51	142	8940	13.247	ug/l 95
15) Acetone	2.44	58	81383	100.415	ug/l 99
18) Methylene Chloride	2.85	84	86339	25.233	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	63335	20.148	ug/l 98
21) 1,1-Dichloroethane	3.70	63	291129	47.366	ug/l 99
24) Methyl tert-Butyl Ether	3.20	73	935292	86.501	ug/l 100
25) Chloroform	5.21	83	260936	45.109	ug/l 98
30) 2-Butanone	4.70	43	568157	174.336	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	68982	14.971	ug/l 98
34) Benzene	6.14	78	920626	75.685	ug/l 98
37) Trichloroethene	7.21	130	210173	65.595	ug/l 97
39) 1,2-Dichloropropane	7.52	63	272144	83.969	ug/l 96
40) Dibromomethane	7.66	93	234487	111.627	ug/l 98
49) cis-1,3-Dichloropropene	8.44	75	500652	99.697	ug/l 98
53) Dibromochloromethane	9.59	129	203456	61.661	ug/l 99
54) 1,2-Dibromoethane	9.67	107	288544	87.059	ug/l 98
56) Bromoform	10.86	173	230393	83.611	ug/l 99
58) 4-Methyl-2-Pentanone	8.65	43	747191	128.755	ug/l 100
59) 2-Hexanone	9.50	43	531964	111.262	ug/l 99
61) Tetrachloroethene	9.34	164	150817	47.949	ug/l 96
62) Toluene	8.79	91	635941	46.818	ug/l 100
64) Chlorobenzene	10.14	112	338585	38.598	ug/l 100
65) 1,1,1,2-Tetrachloroethane	10.22	131	397199	124.559	ug/l 99
66) Ethyl Benzene	10.25	91	216281	14.585	ug/l 100
67) m/p-Xylenes	10.36	106	199364	34.528	ug/l 99
68) o-Xylene	10.70	106	390363	70.136	ug/l 98
69) Styrene	10.71	104	982970	105.030	ug/l 96
71) 1,1,2,2-Tetrachloroethane	11.27	83	655645	118.441	ug/l 100
72) 1,2,3-Trichloropropane	11.30	75	554878	110.026	ug/l 86
76) 1,3,5-Trimethylbenzene	11.51	105	580395	45.134	ug/l 100
80) 1,2,4-Trimethylbenzene	11.80	105	965032	73.587	ug/l 99
83) 1,3-Dichlorobenzene	12.02	146	760958	100.446	ug/l 99
84) 1,4-Dichlorobenzene	12.10	146	577401	75.105	ug/l 99
87) 1,2-Dichlorobenzene	12.39	146	377160	48.975	ug/l 99

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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 03 15:47:45 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:49:12 2018
Response via : Initial Calibration

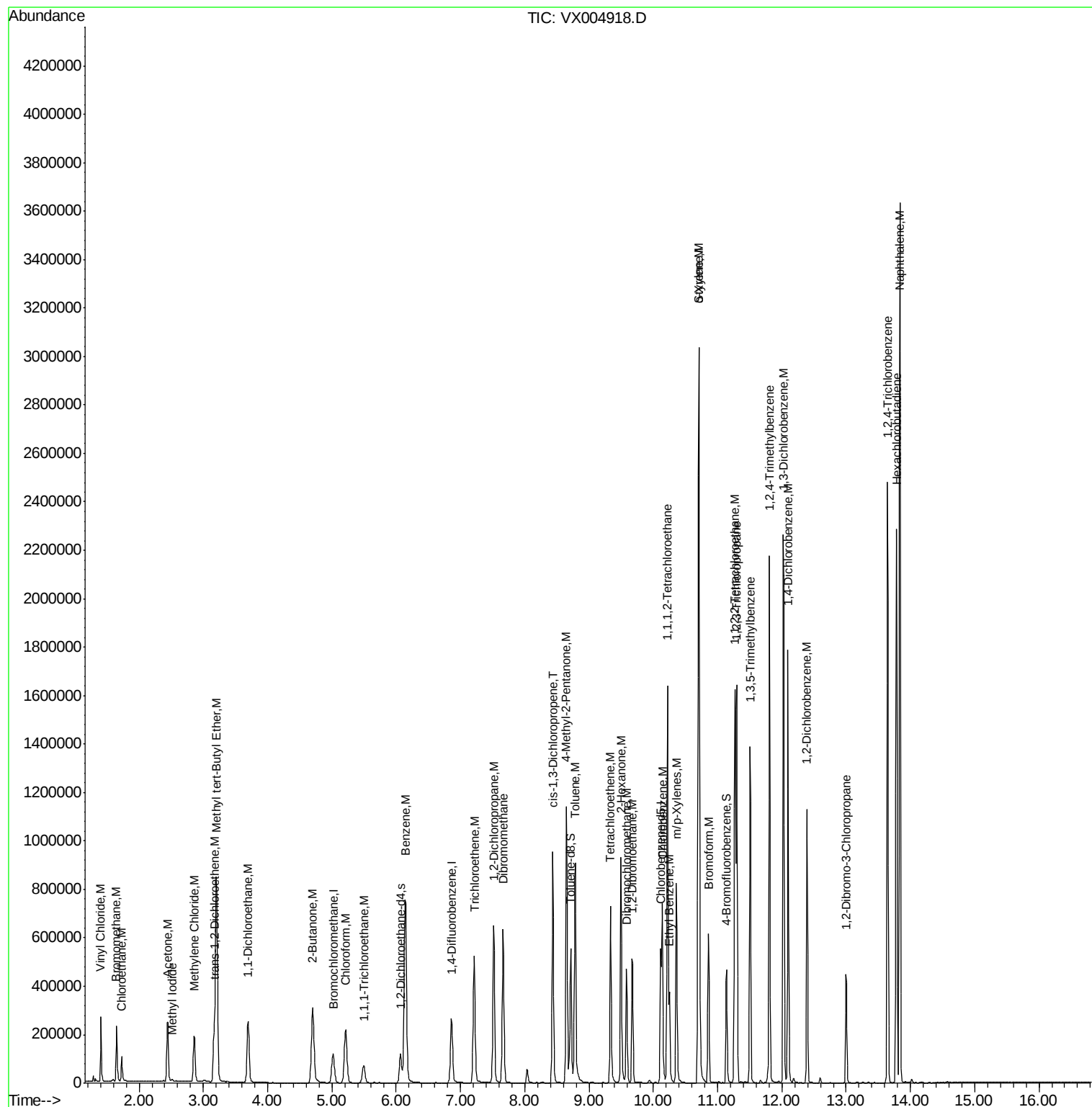
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,2-Dibromo-3-Chloropropan	13.00	75	87437	68.353	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	610882	106.337	ug/l	100
90) Hexachlorobutadiene	13.79	225	373653	131.749	ug/l	99
91) Naphthalene	13.83	128	2198130	123.057	ug/l	100

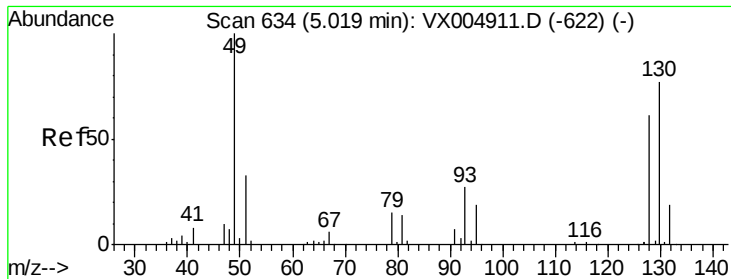
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100218\
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QLast Update : Wed Oct 03 04:49:12 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

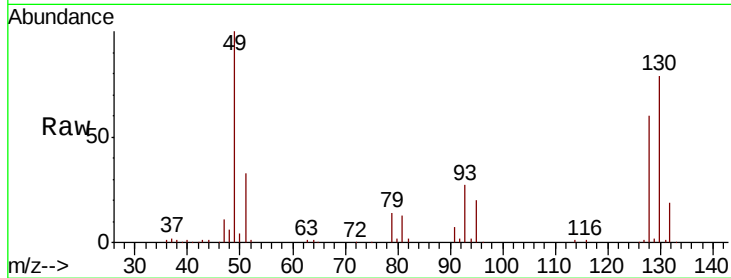
Tot Ion:128 Resp: 51419

Ion Ratio Lower Upper

128 100

49 169.5 0.0 429.5

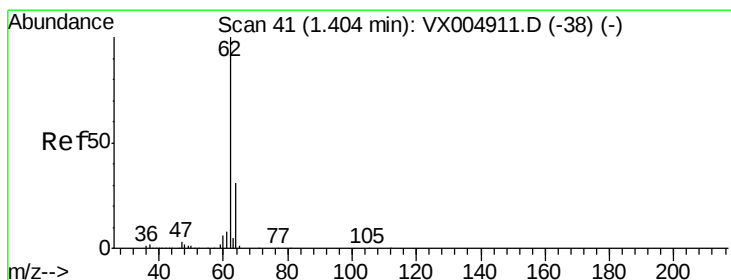
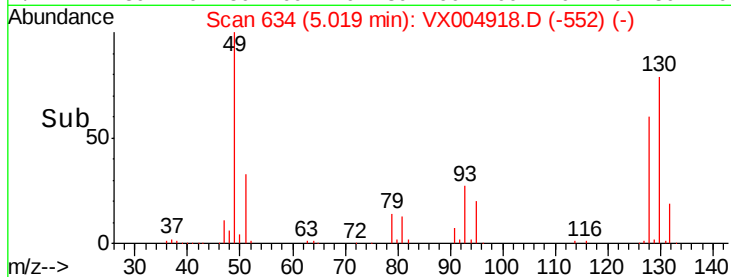
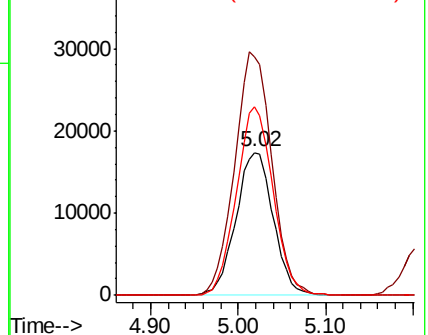
130 129.3 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#4

Vinyl Chloride

Concen: 40.047 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004918.D

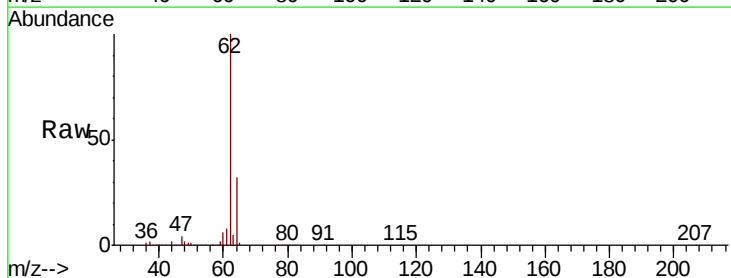
Acq: 02 Oct 2018 14:23

Tgt Ion: 62 Resp: 170047

Ion Ratio Lower Upper

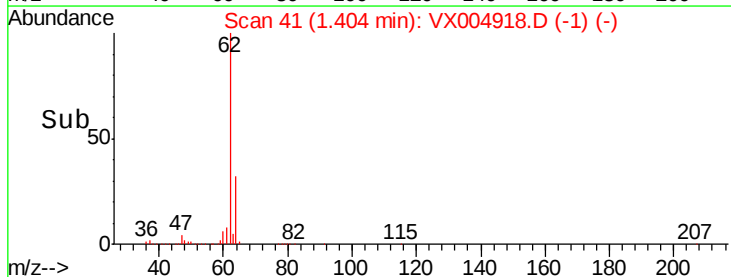
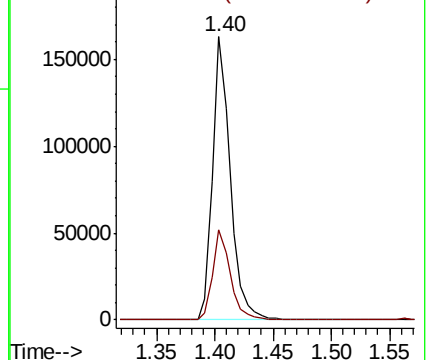
62 100

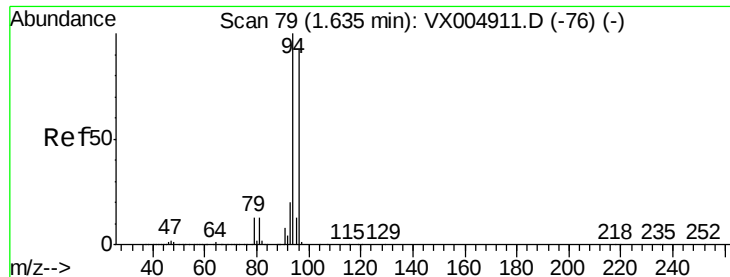
64 32.0 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 55.002 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

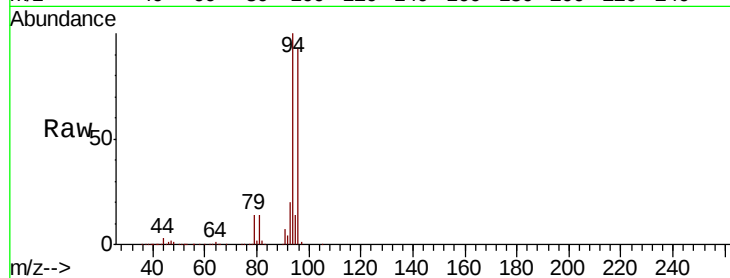
PT-VOA-WP

Tot Ion: 94 Resp: 112072

Ion Ratio Lower Upper

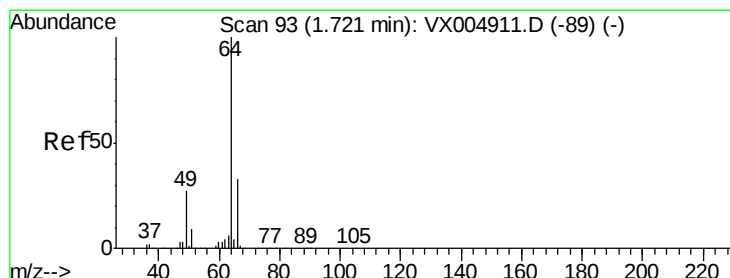
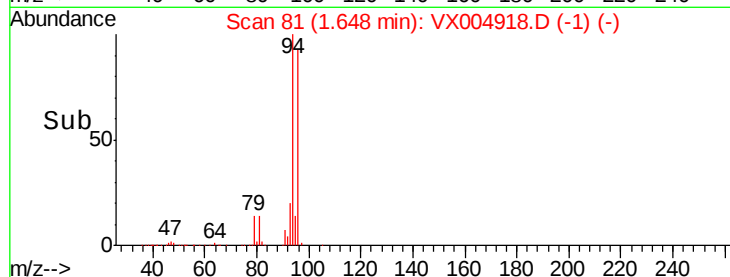
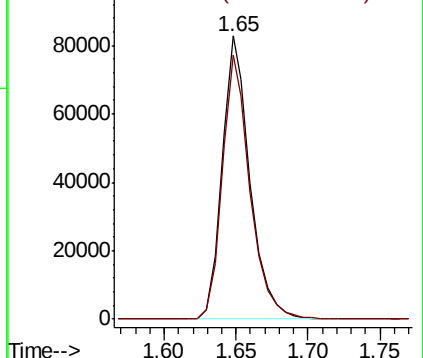
94 100

96 93.5 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 28.823 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004918.D

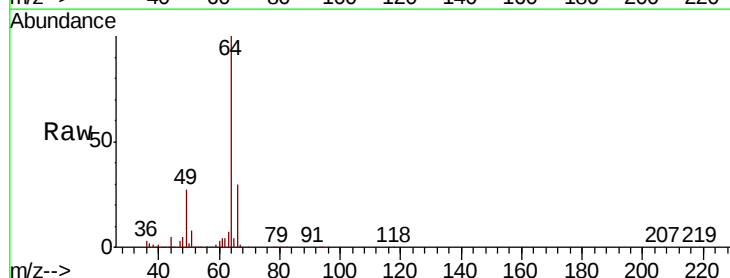
Acq: 02 Oct 2018 14:23

Tgt Ion: 64 Resp: 70266

Ion Ratio Lower Upper

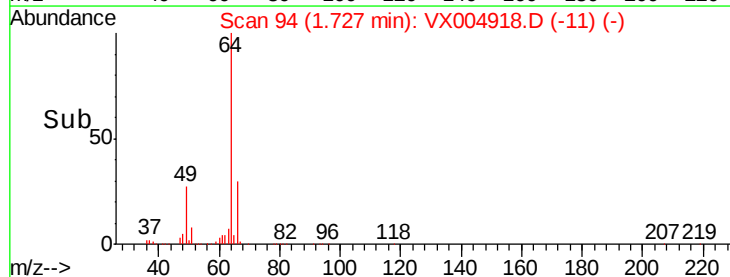
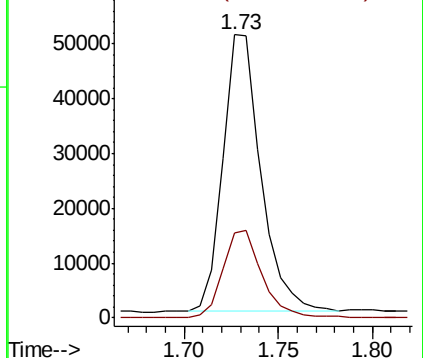
64 100

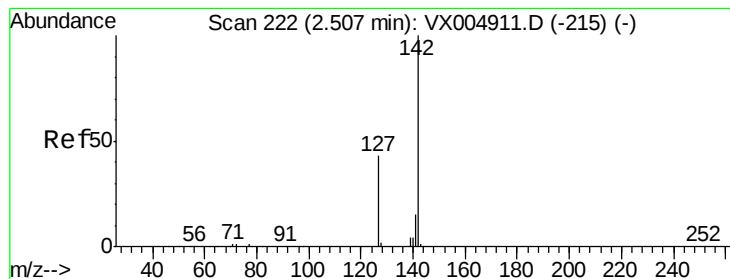
66 30.3 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#11

Methvl Iodide

Concen: 13.247 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

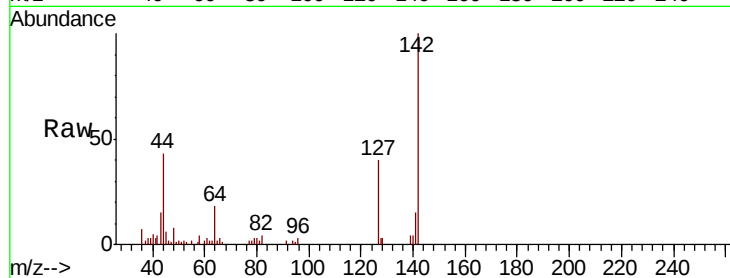
Tot Ion:142 Resp: 8940

Ion Ratio Lower Upper

142 100

127 39.0 21.6 64.8

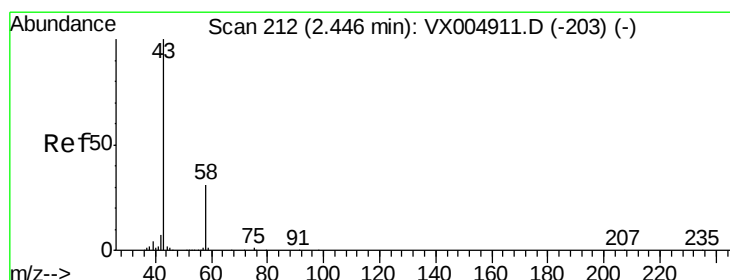
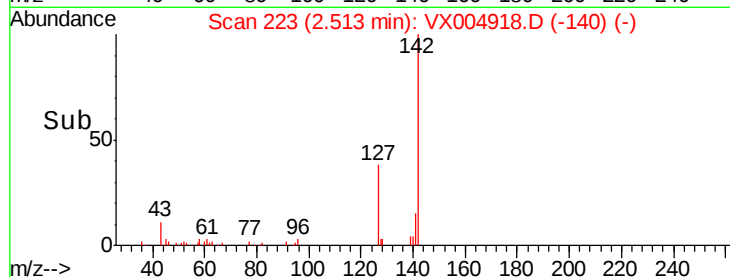
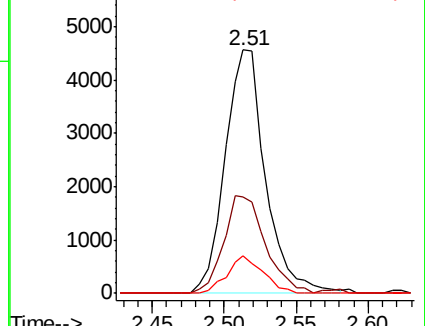
141 15.3 7.5 22.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#15

Acetone

Concen: 100.415 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004918.D

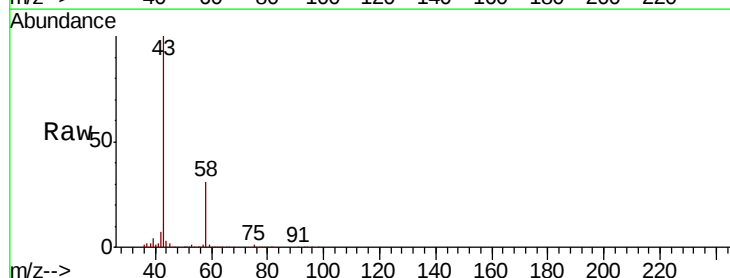
Acq: 02 Oct 2018 14:23

Tgt Ion: 58 Resp: 81383

Ion Ratio Lower Upper

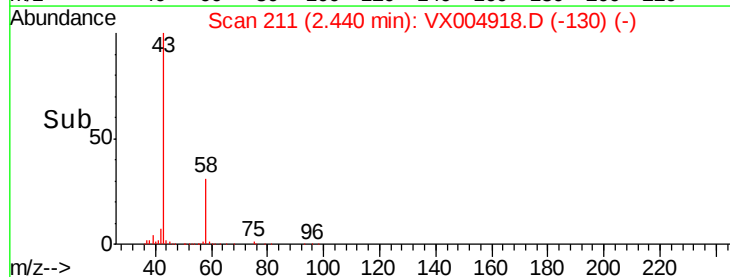
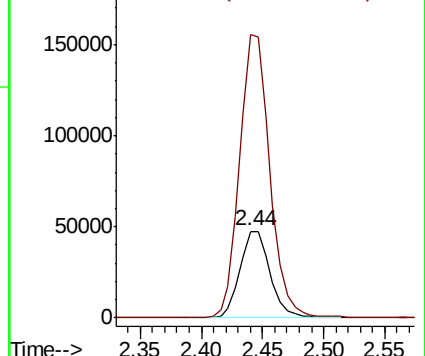
58 100

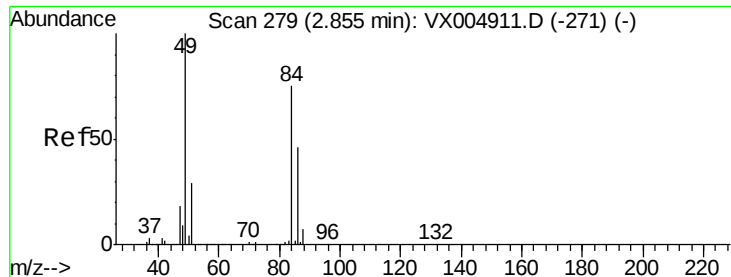
43 325.9 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

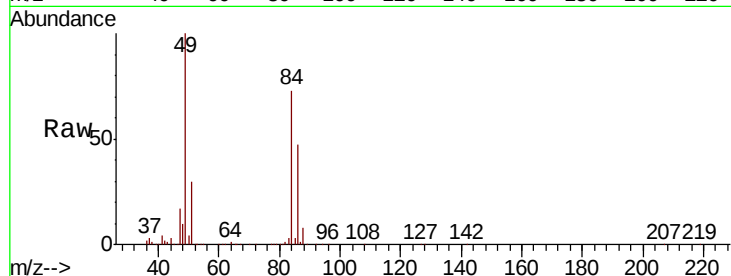




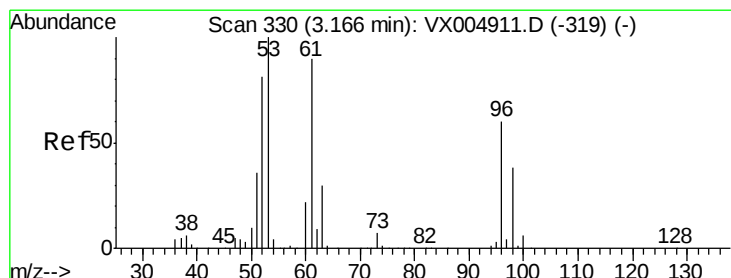
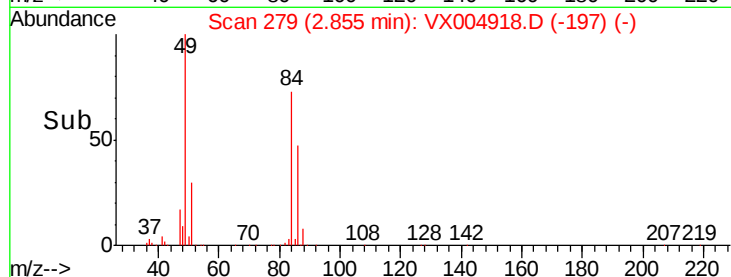
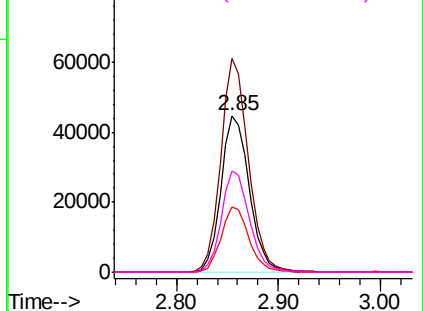
#18
Methvlene Chloride
Concen: 25.233 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tot Ion:	84	Resp:	86339
Ion	Ratio	Lower	Upper
84	100		
49	136.4	106.2	159.4
51	41.2	31.3	46.9
86	64.7	48.9	73.3

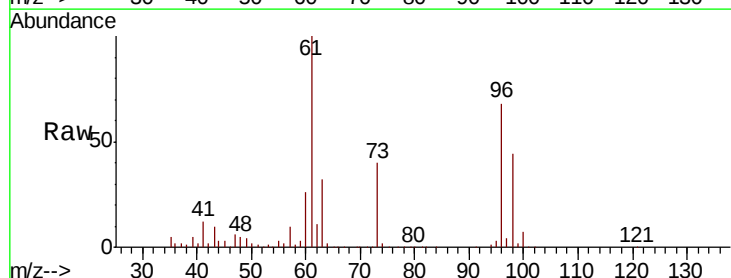


Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

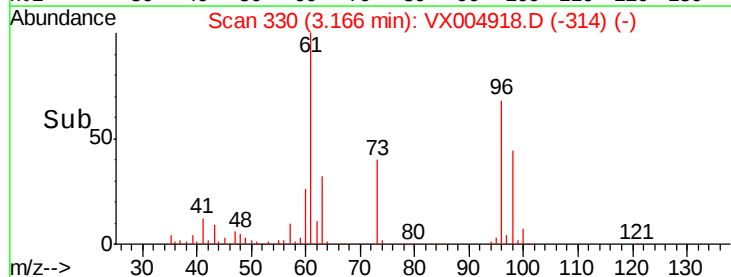
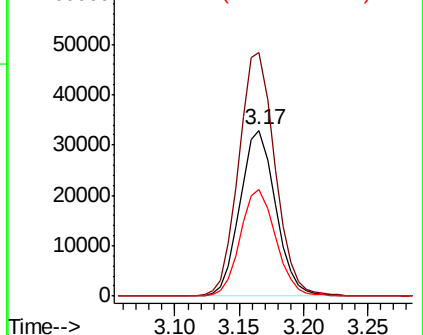


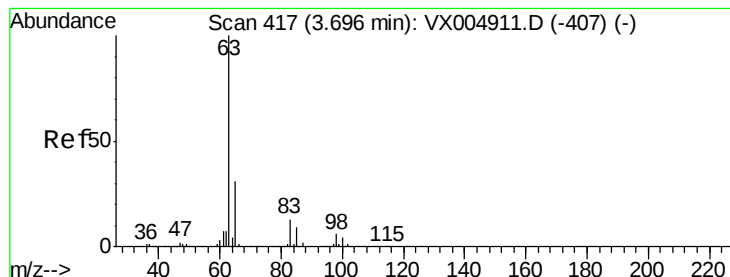
#19
trans-1,2-Dichloroethene
Concen: 20.148 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion:	96	Resp:	63335
Ion	Ratio	Lower	Upper
96	100		
61	146.6	119.5	179.3
98	64.3	50.6	75.8



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#21

1,1-Dichloroethane

Concen: 47.366 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

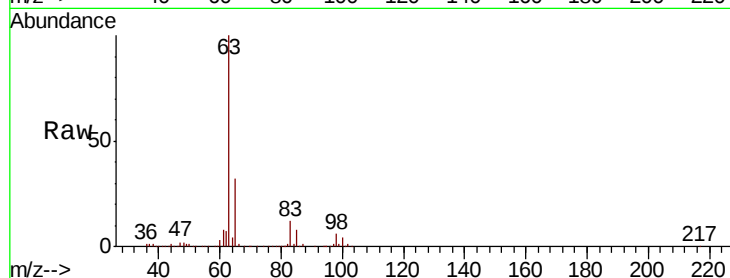
Tot Ion: 63 Resp: 291129

Ion Ratio Lower Upper

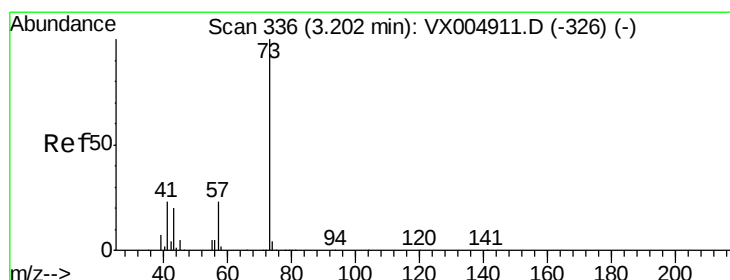
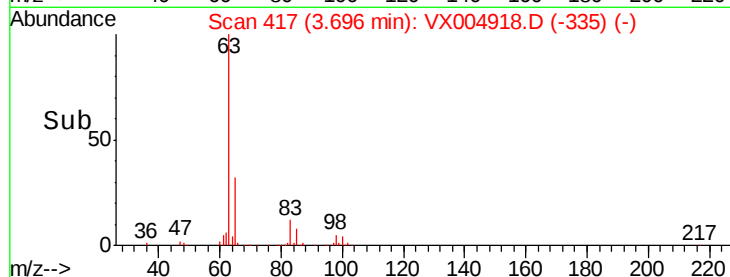
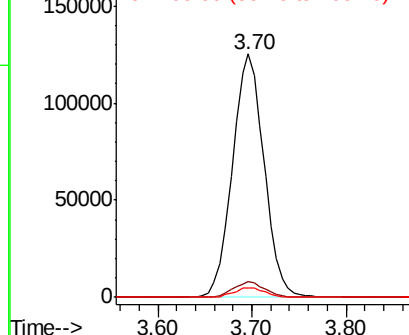
63 100

98 6.2 3.2 9.6

100 4.0 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 86.501 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004918.D

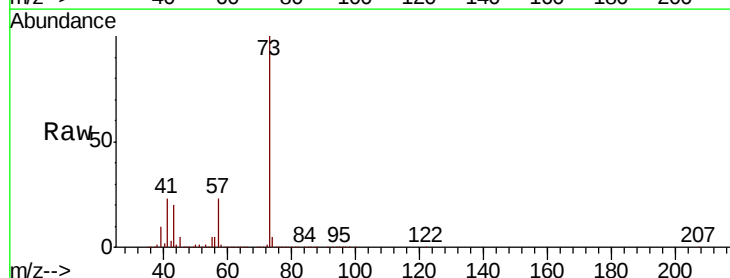
Acq: 02 Oct 2018 14:23

Tgt Ion: 73 Resp: 935292

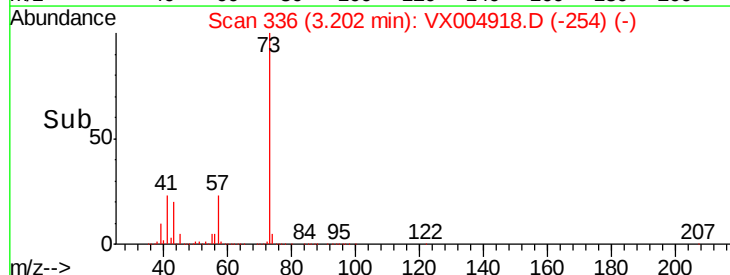
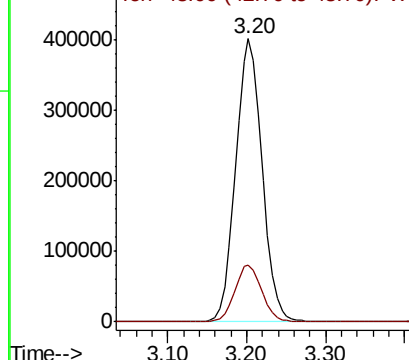
Ion Ratio Lower Upper

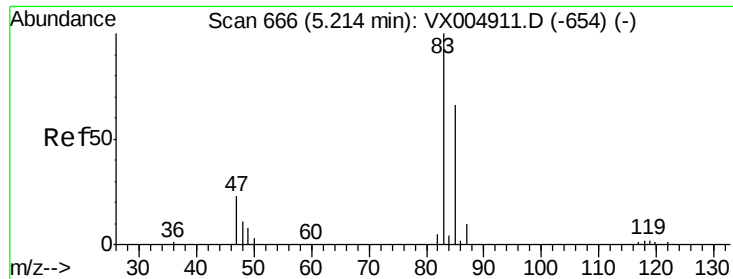
73 100

43 20.4 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 43.00 (42.70 to 43.70): VX0

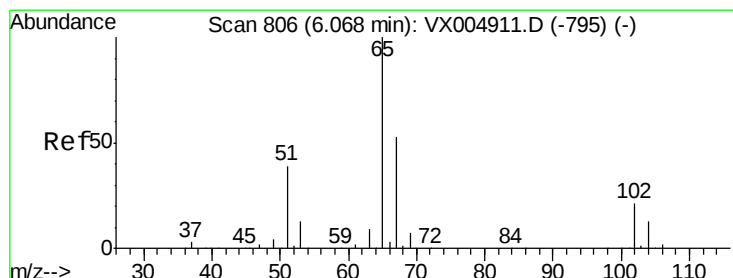
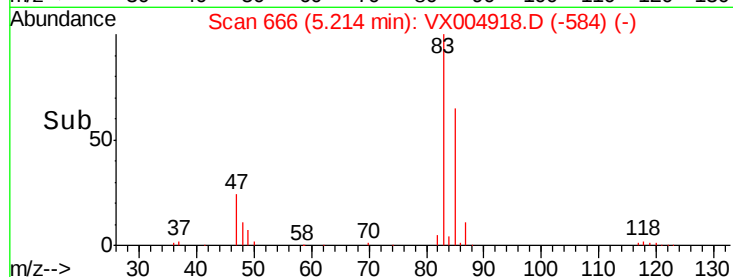
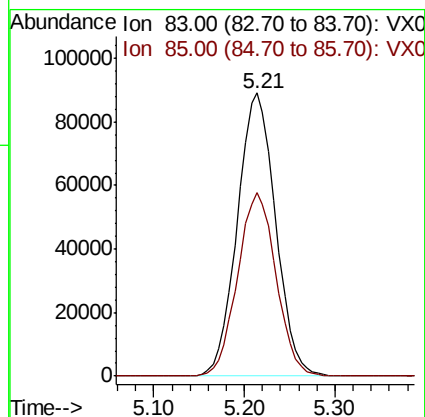
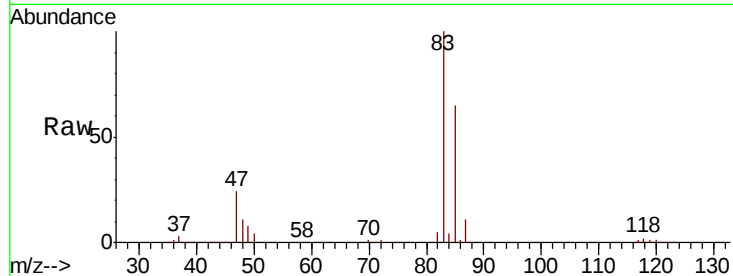




#25
Chloroform
Concen: 45.109 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

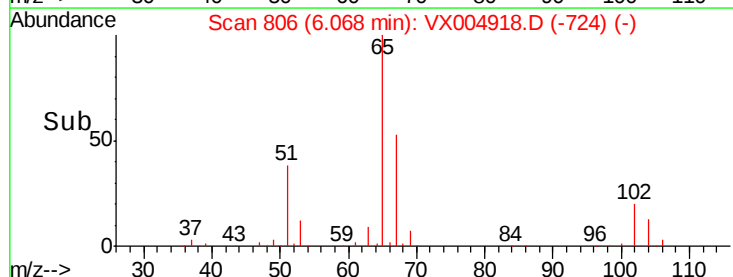
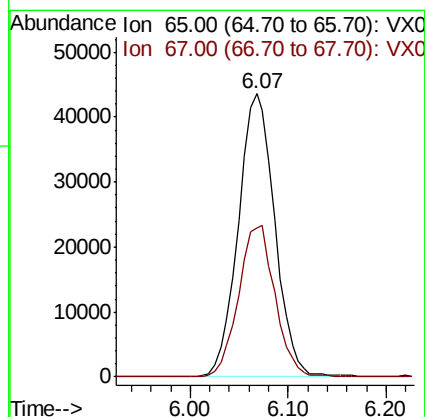
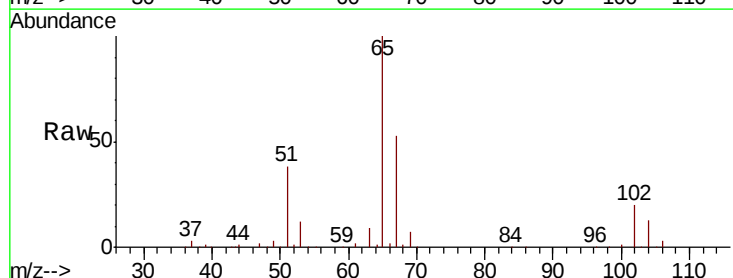
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

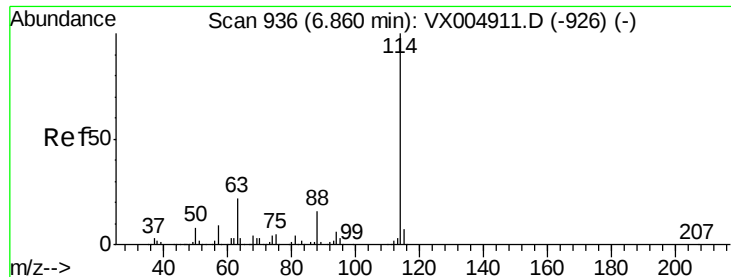
Tot Ion: 83 Resp: 260936
Ion Ratio Lower Upper
83 100
85 64.7 53.1 79.7



#27
1,2-Dichloroethane-d4
Concen: 28.838 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion: 65 Resp: 112678
Ion Ratio Lower Upper
65 100
67 53.4 43.0 64.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

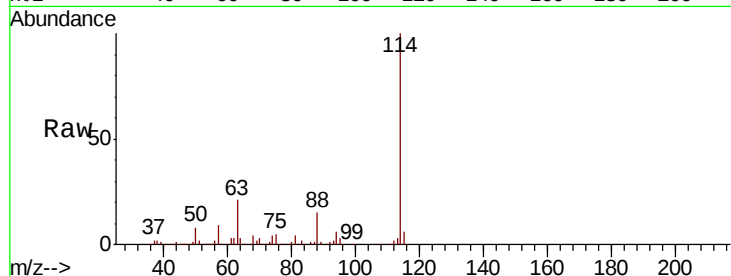
Tot Ion:114 Resp: 270882

Ion Ratio Lower Upper

114 100

63 20.6 16.6 24.8

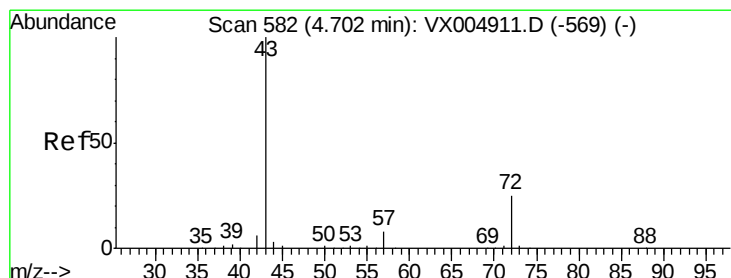
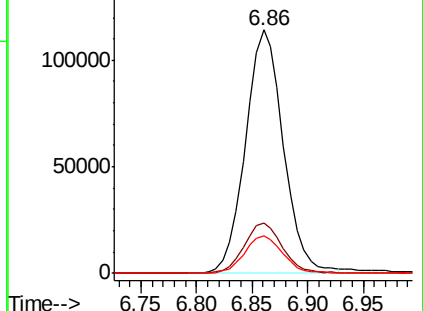
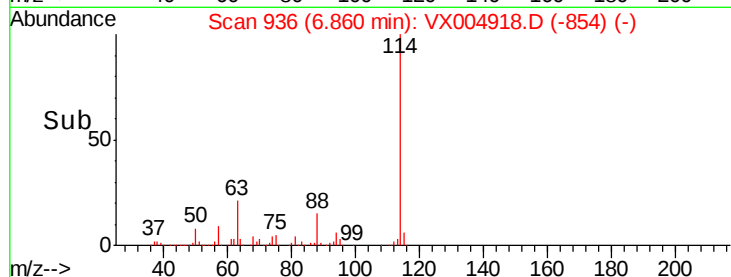
88 15.9 12.4 18.6



Abundance Ion 114.00 (113.70 to 114.70): VX004918.D (-854) (-)

Ion 63.00 (62.70 to 63.70): VX004918.D (-854) (-)

Ion 88.00 (87.70 to 88.70): VX004918.D (-854) (-)



#30

2-Butanone

Concen: 174.336 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

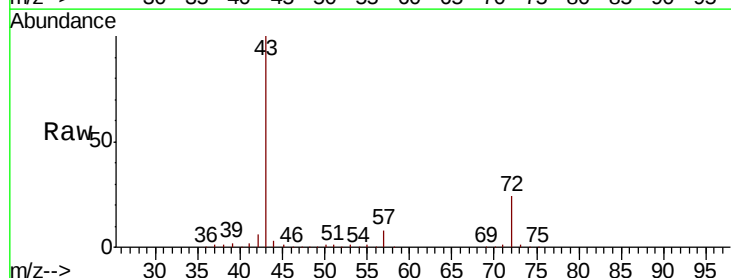
Tgt Ion: 43 Resp: 568157

Ion Ratio Lower Upper

43 100

57 7.8 6.2 9.4

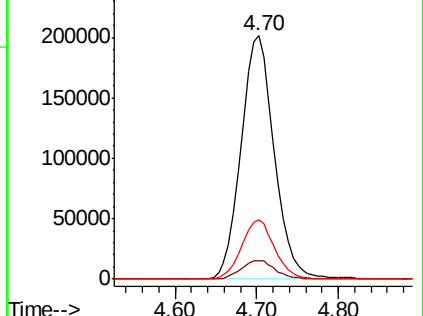
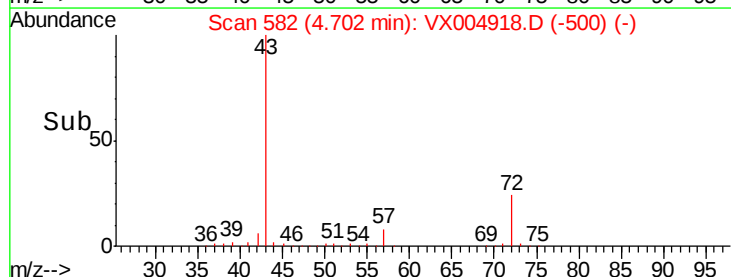
72 24.3 19.7 29.5

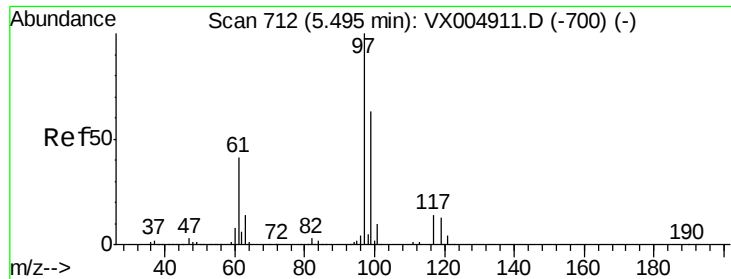


Abundance Ion 43.00 (42.70 to 43.70): VX004918.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VX004918.D (-500) (-)

Ion 72.00 (71.70 to 72.70): VX004918.D (-500) (-)





#32

1,1,1-Trichloroethane

Concen: 14.971 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

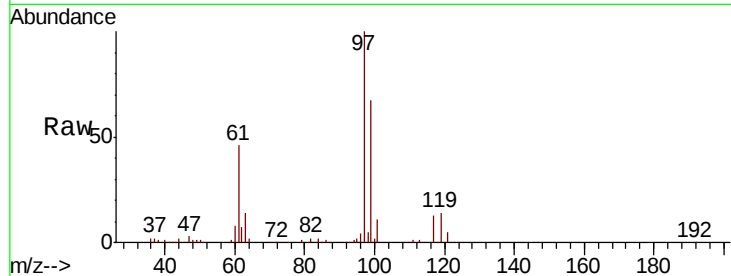
Tot Ion: 97 Resp: 68982

Ion Ratio Lower Upper

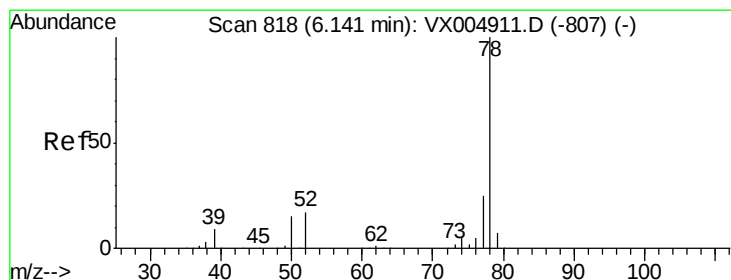
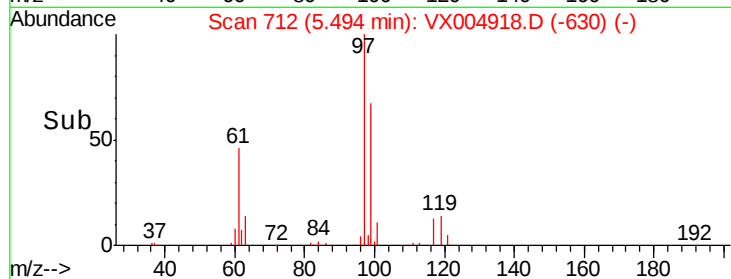
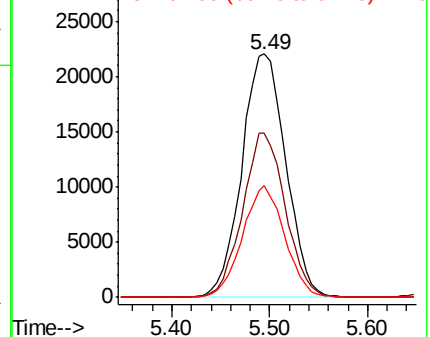
97 100

99 65.3 51.0 76.6

61 44.0 35.8 53.6



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 99.00 (98.70 to 99.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#34

Benzene

Concen: 75.685 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

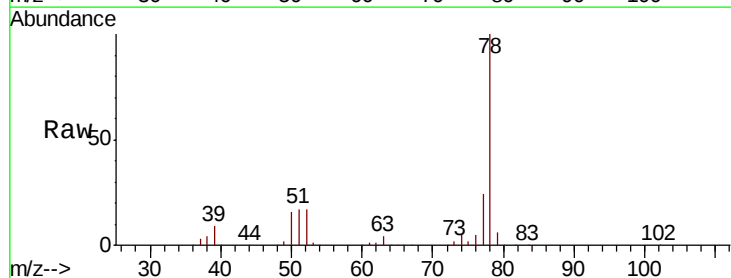
Tgt Ion: 78 Resp: 920626

Ion Ratio Lower Upper

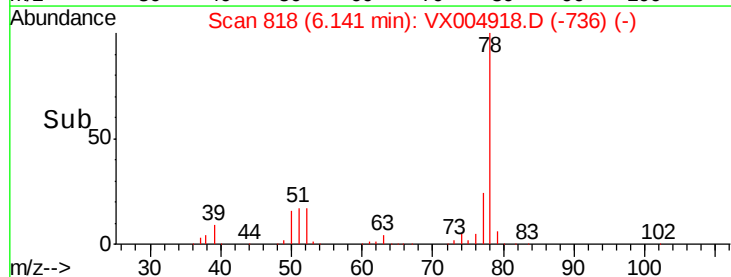
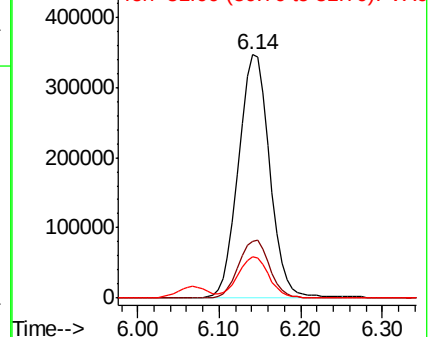
78 100

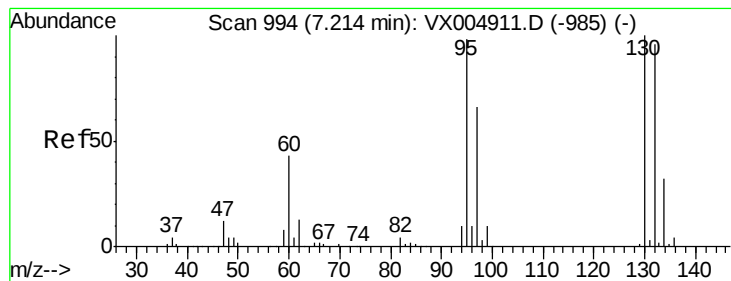
77 23.5 19.8 29.8

51 16.9 13.8 20.6



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#37

Trichloroethene

Concen: 65.595 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampled :

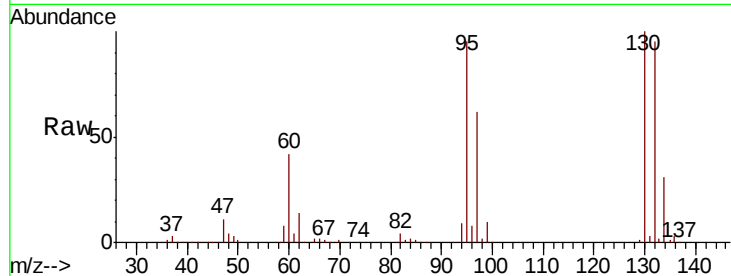
PT-VOA-WP

Tot Ion:130 Resp: 210173

Ion Ratio Lower Upper

130 100

95 94.9 78.5 117.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

100000

80000

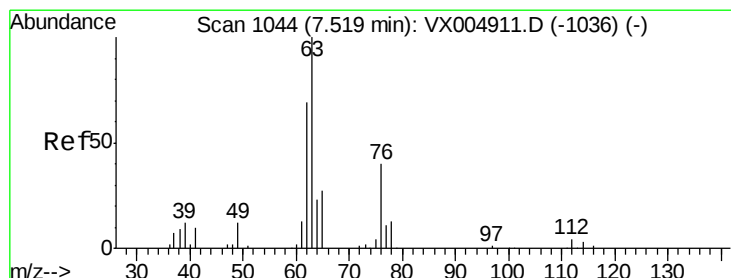
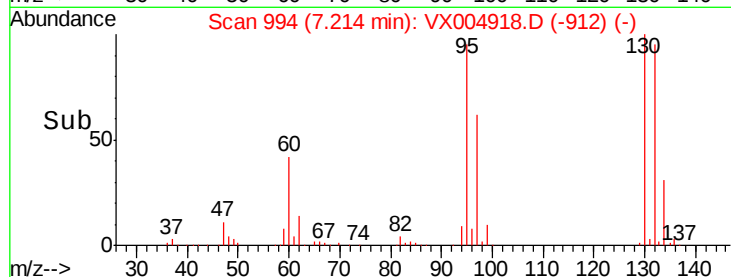
60000

40000

20000

0

Time-->



#39

1,2-Dichloropropane

Concen: 83.969 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004918.D

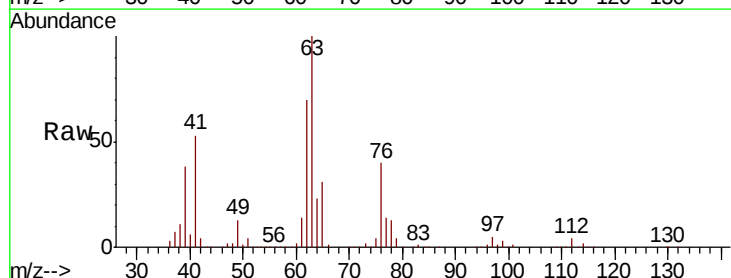
Acq: 02 Oct 2018 14:23

Tgt Ion: 63 Resp: 272144

Ion Ratio Lower Upper

63 100

65 31.1 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.52

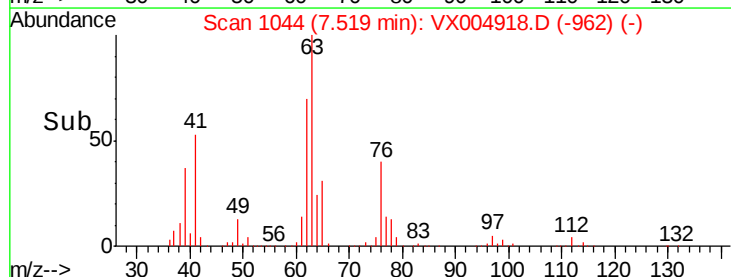
150000

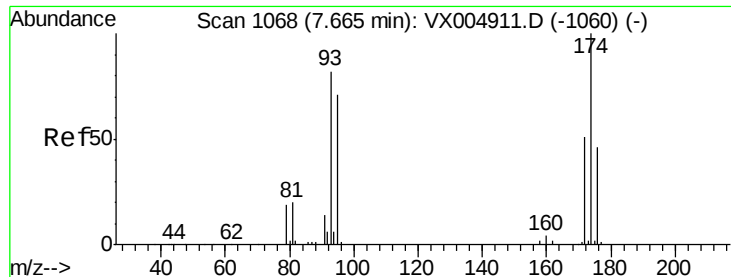
100000

50000

0

Time-->

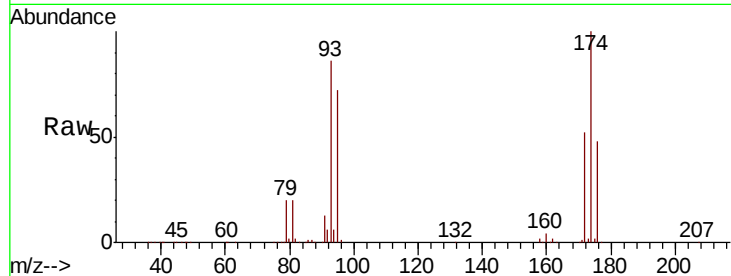




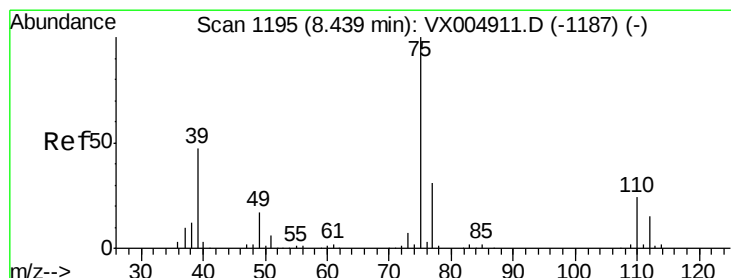
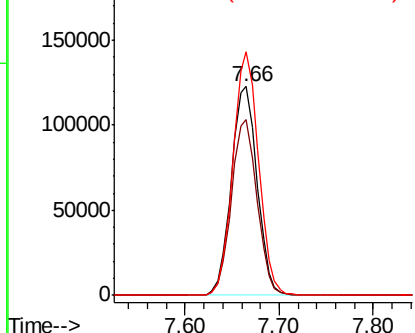
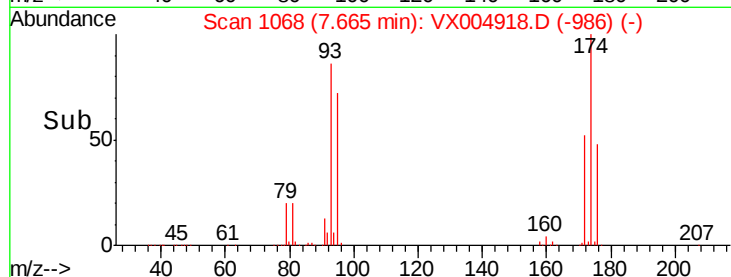
#40
Dibromomethane
Concen: 111.627 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tot Ion: 93 Resp: 234487
Ion Ratio Lower Upper
93 100
95 83.7 0.0 172.4
174 115.1 0.0 234.0

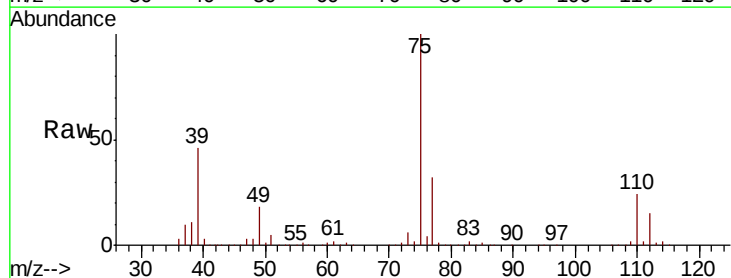


Abundance Ion 93.00 (92.70 to 93.70): VX0
Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V

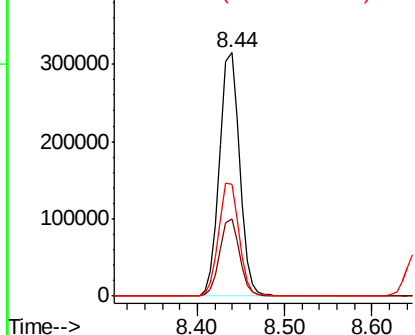
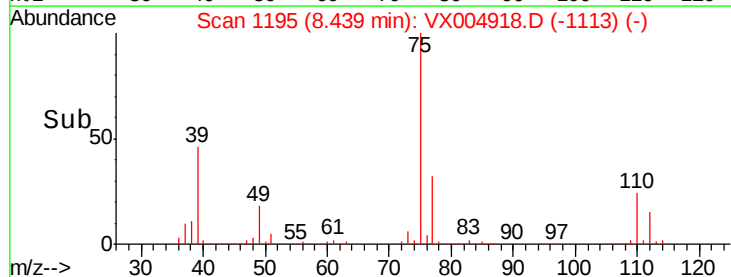


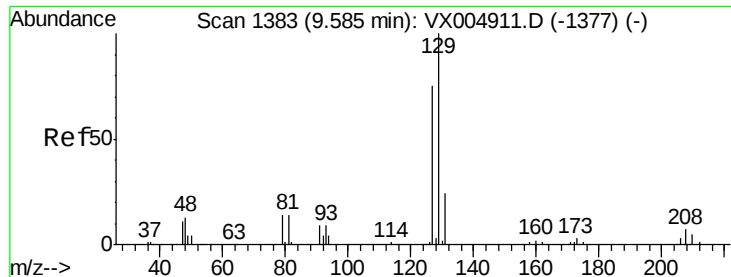
#49
cis-1,3-Dichloropropene
Concen: 99.697 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion: 75 Resp: 500652
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 45.9 38.0 57.0



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

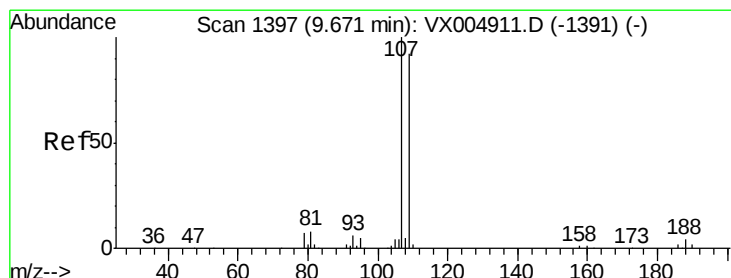
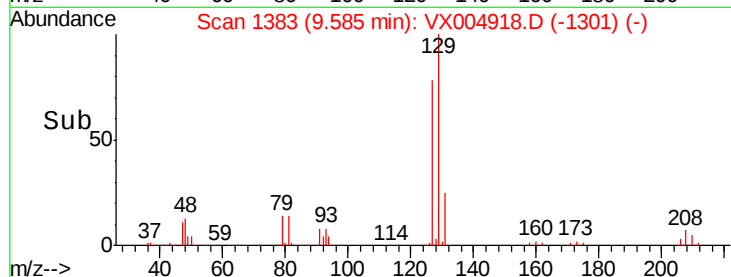
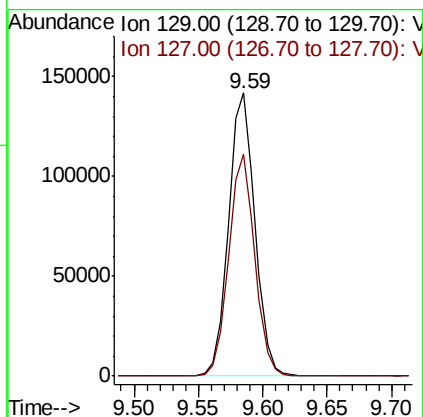
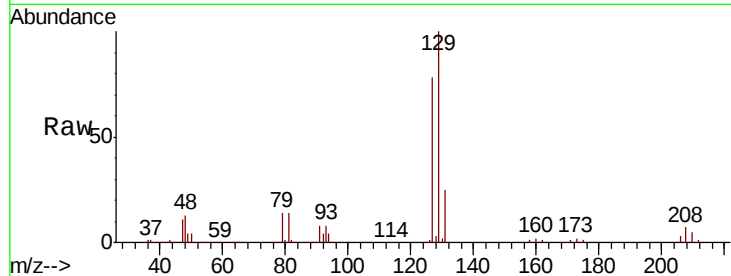




#53
 Dibromochloromethane
 Concen: 61.661 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

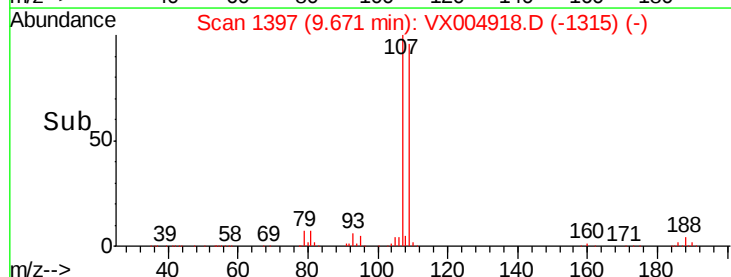
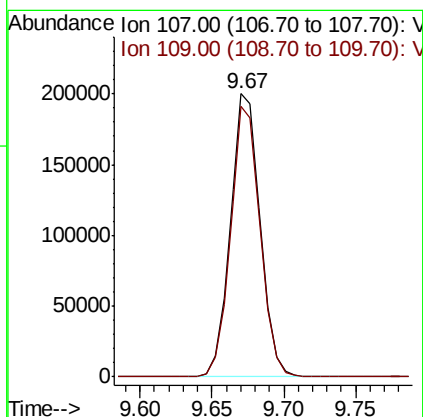
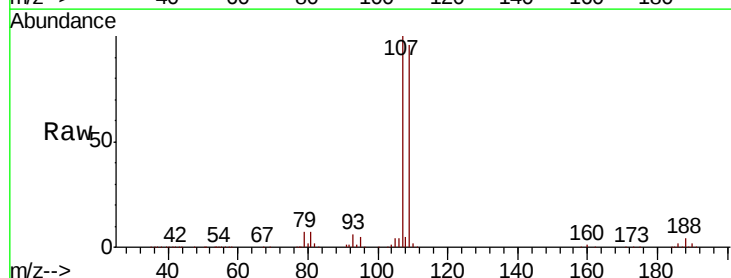
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

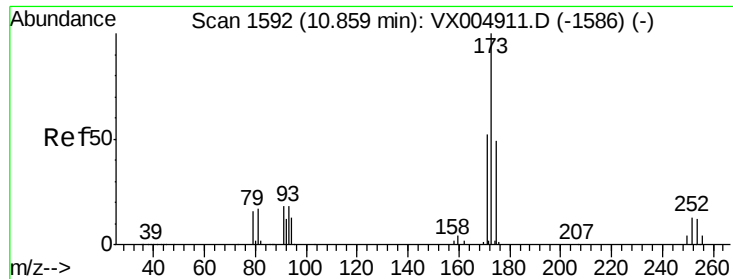
Tot Ion:129 Resp: 203456
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 87.059 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

Tgt Ion:107 Resp: 288544
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.8 112.2





#56

Bromoform

Concen: 83.611 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

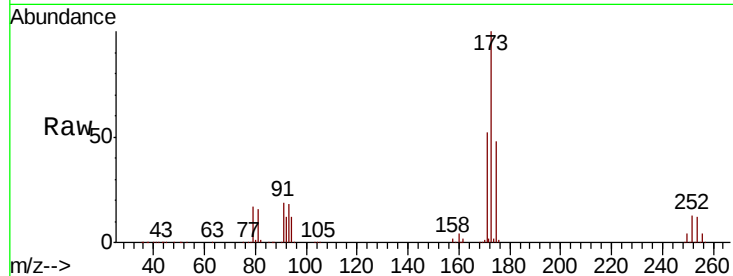
Tot Ion:173 Resp: 230393

Ion Ratio Lower Upper

173 100

175 48.7 39.7 59.5

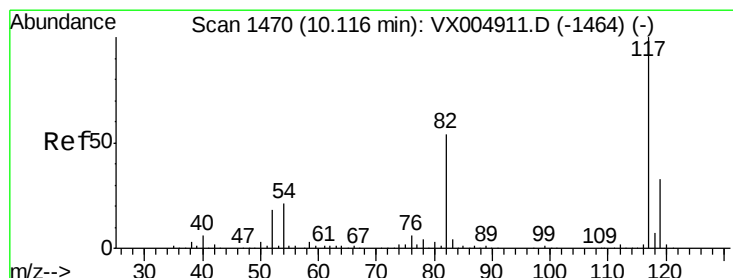
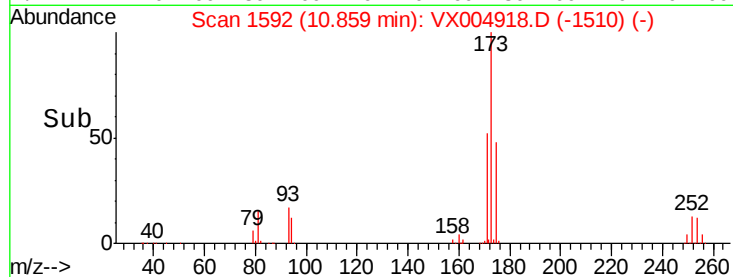
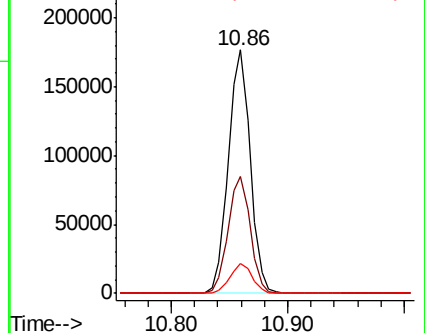
254 12.3 9.6 14.4



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

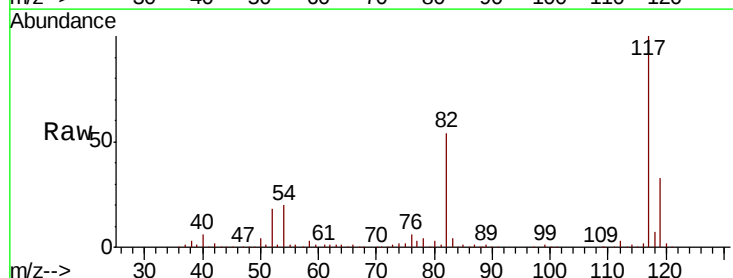
Tgt Ion:117 Resp: 258460

Ion Ratio Lower Upper

117 100

82 54.7 44.2 66.4

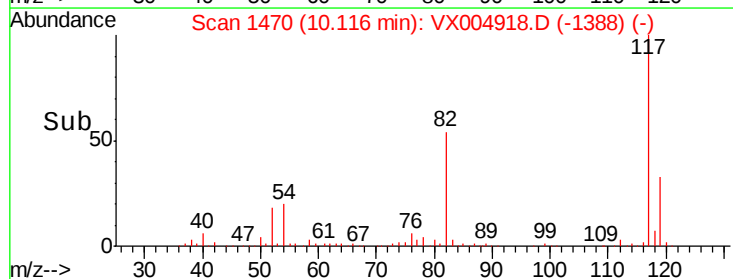
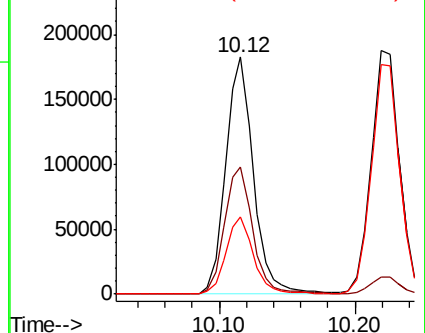
119 32.5 25.8 38.6

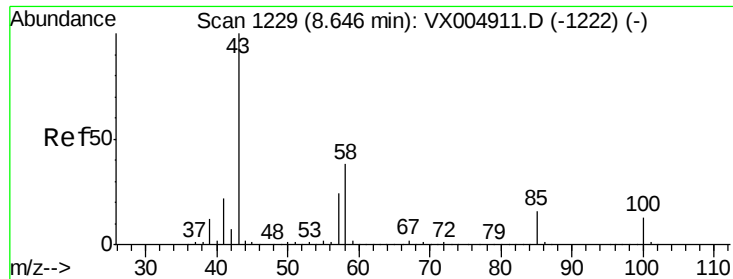


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

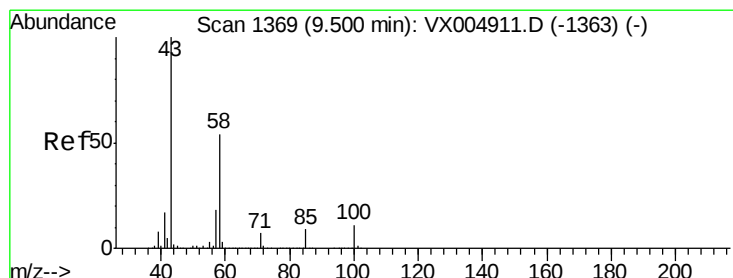
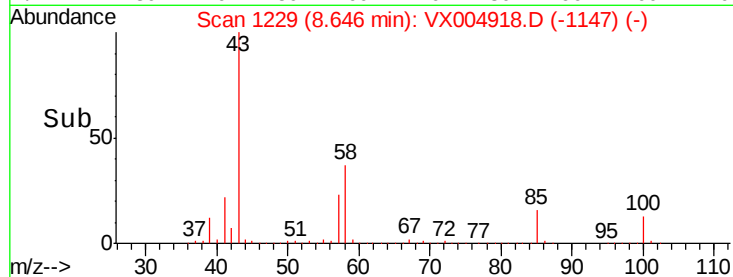
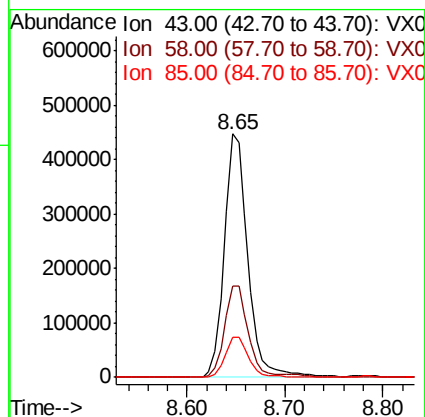
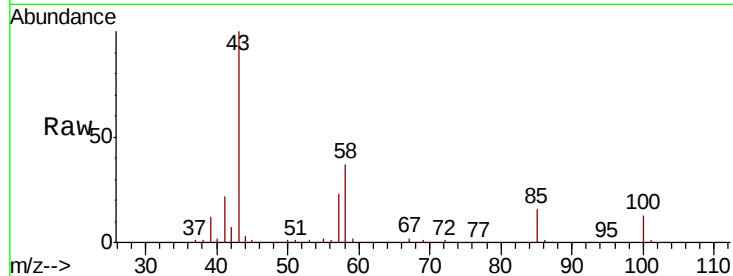




#58
4-Methyl-2-Pentanone
Concen: 128.755 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

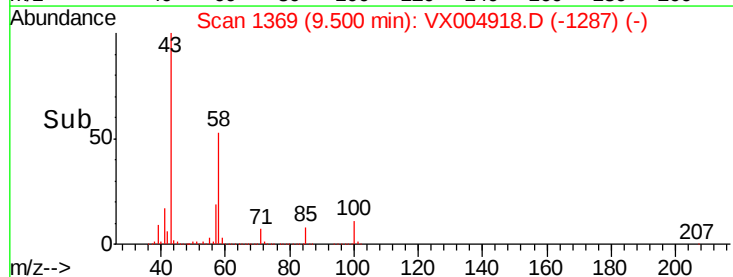
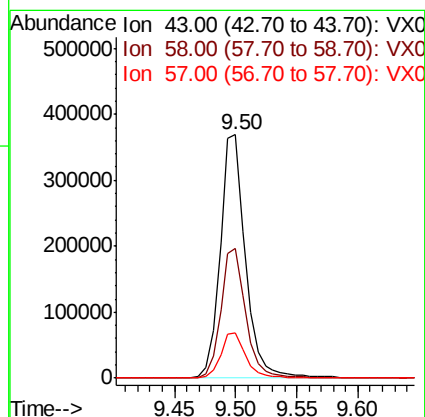
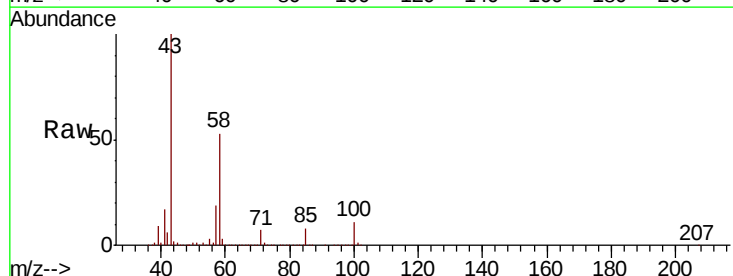
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

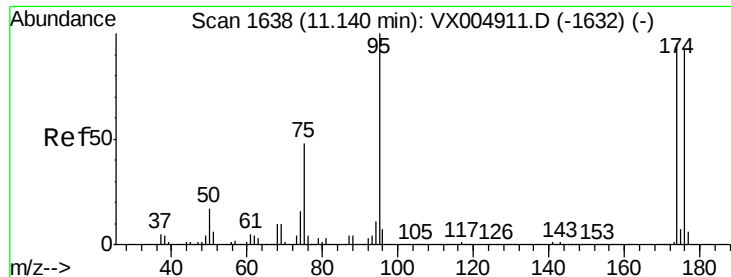
Tot Ion: 43 Resp: 747191
Ion Ratio Lower Upper
43 100
58 38.5 30.8 46.2
85 16.7 13.1 19.7



#59
2-Hexanone
Concen: 111.262 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion: 43 Resp: 531964
Ion Ratio Lower Upper
43 100
58 52.6 42.7 64.1
57 18.3 14.6 22.0

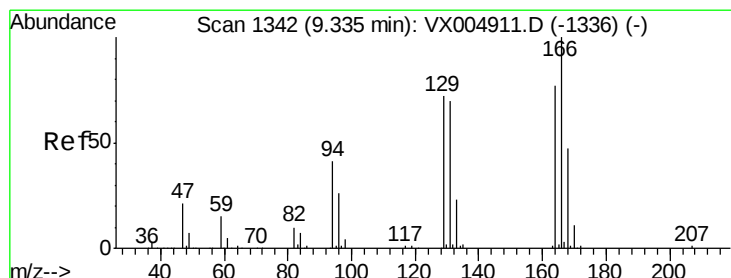
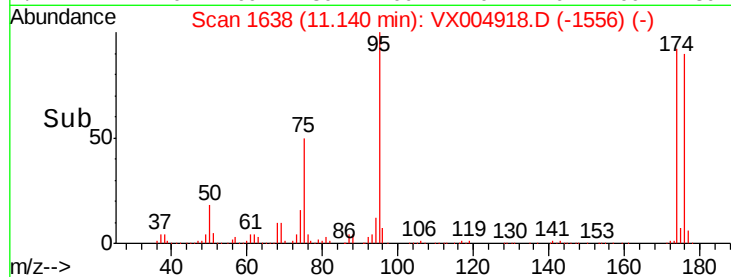
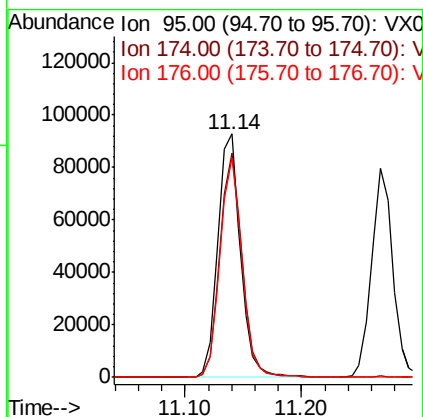
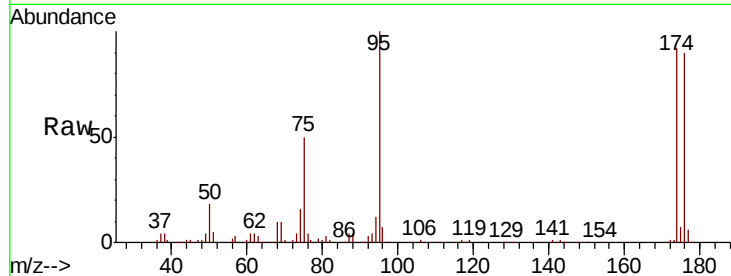




#60
4-Bromofluorobenzene
Concen: 28.888 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

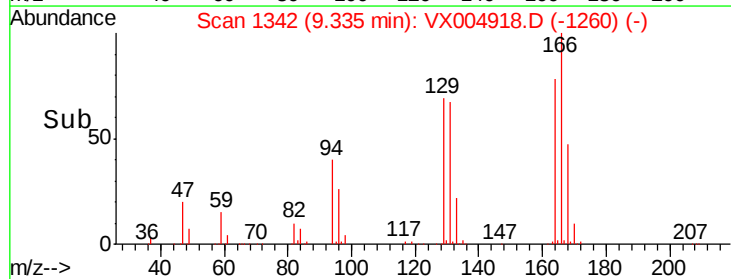
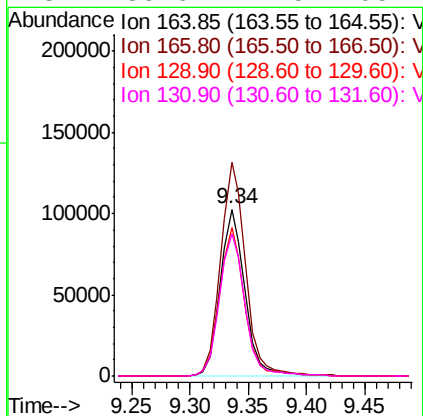
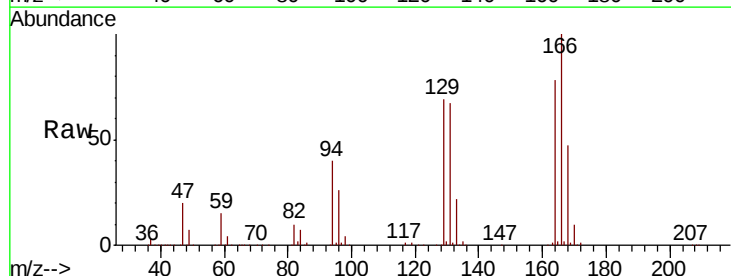
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

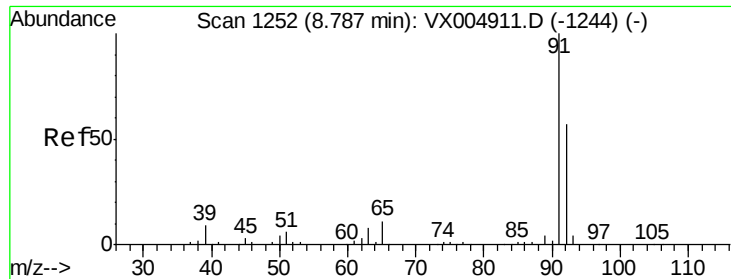
Tot Ion: 95 Resp: 124105
Ion Ratio Lower Upper
95 100
174 90.3 73.1 109.7
176 87.8 71.0 106.6



#61
Tetrachloroethene
Concen: 47.949 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion: 164 Resp: 150817
Ion Ratio Lower Upper
164 100
166 128.2 104.0 156.0
129 88.9 75.1 112.7
131 85.6 72.5 108.7





#62

Toluene

Concen: 46.818 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

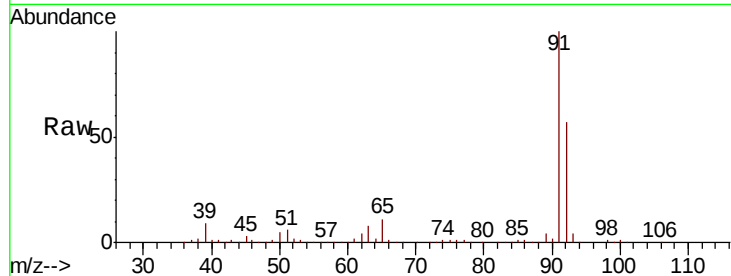
PT-VOA-WP

Tot Ion: 91 Resp: 635941

Ion Ratio Lower Upper

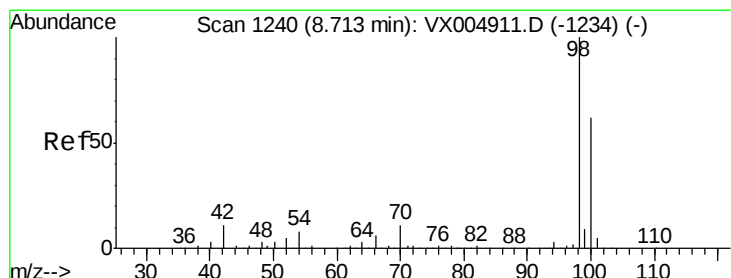
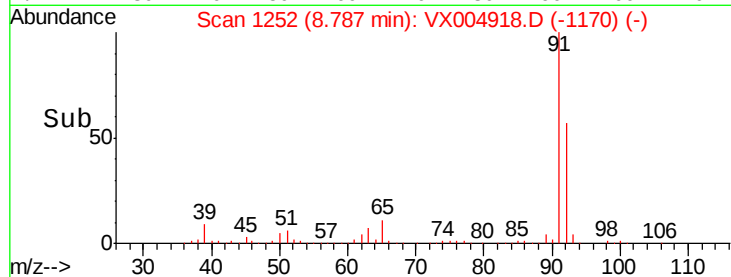
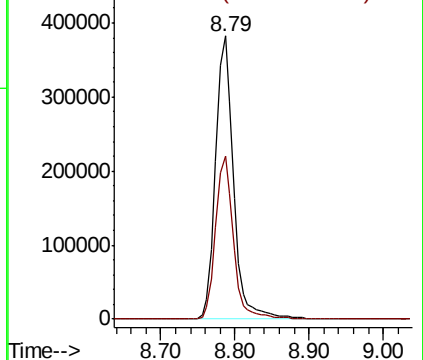
91 100

92 57.5 46.2 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 30.665 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004918.D

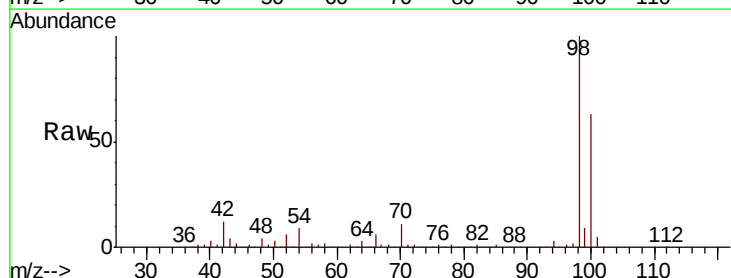
Acq: 02 Oct 2018 14:23

Tgt Ion: 98 Resp: 353781

Ion Ratio Lower Upper

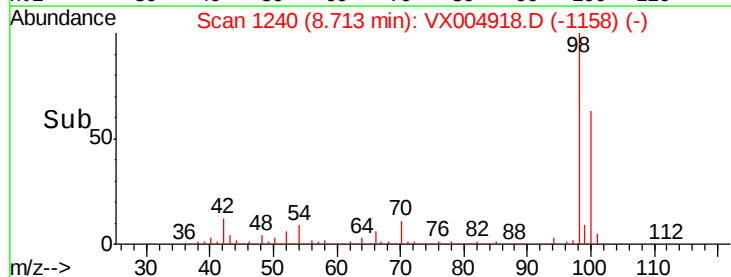
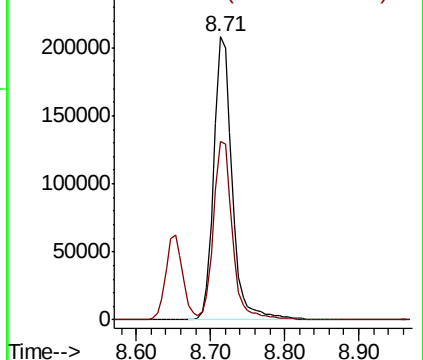
98 100

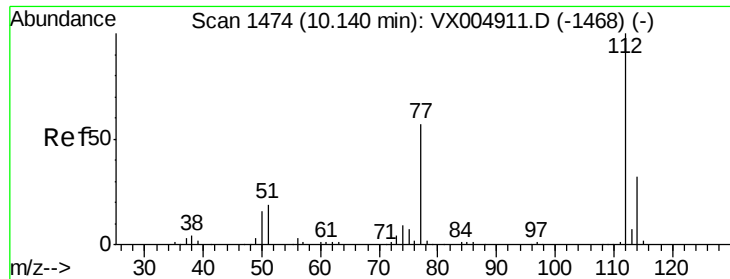
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#64

Chlorobenzene

Concen: 38.598 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampled :

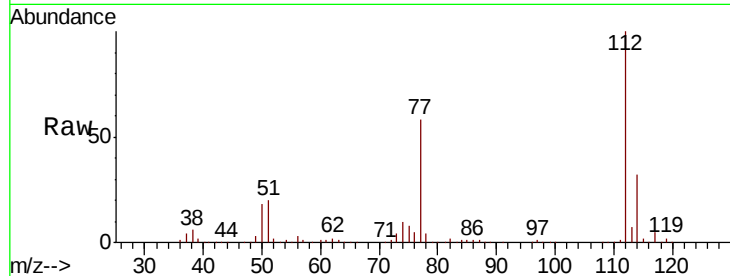
PT-VOA-WP

Tot Ion:112 Resp: 338585

Ion Ratio Lower Upper

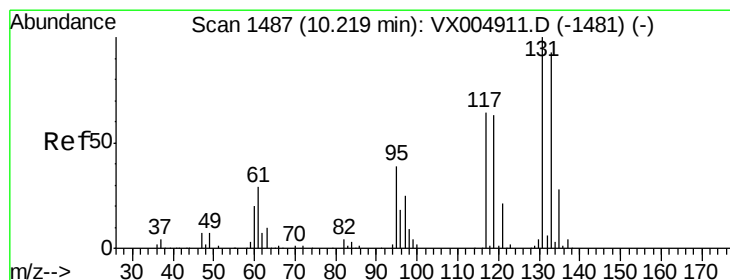
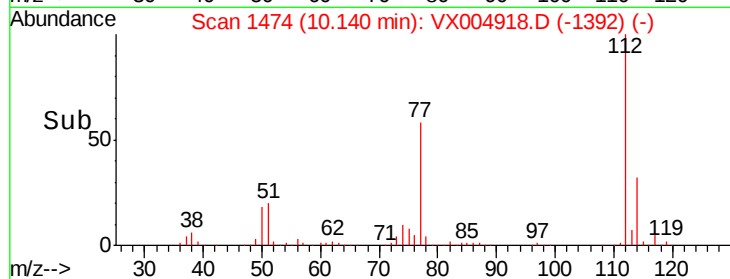
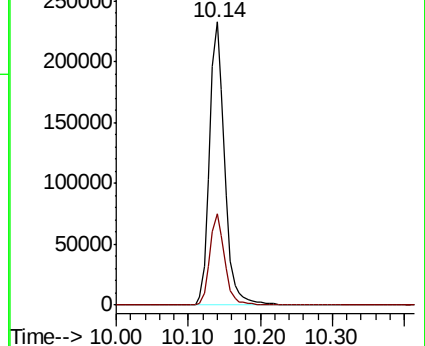
112 100

114 32.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 124.559 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

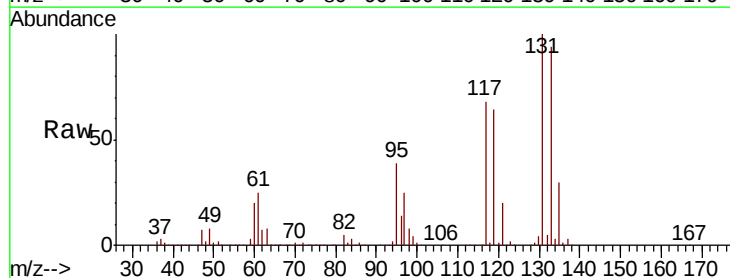
Tgt Ion:131 Resp: 397199

Ion Ratio Lower Upper

131 100

133 96.0 0.0 190.4

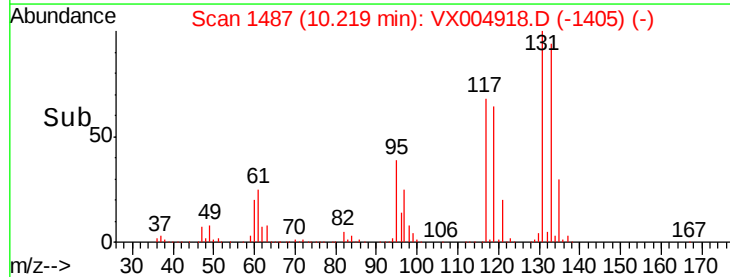
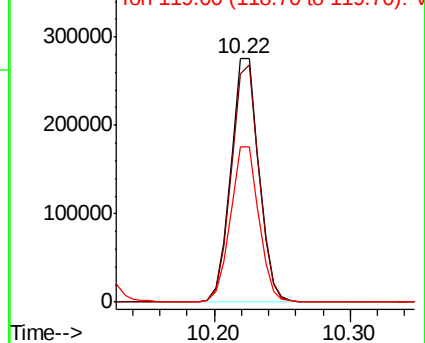
119 64.2 0.0 129.0

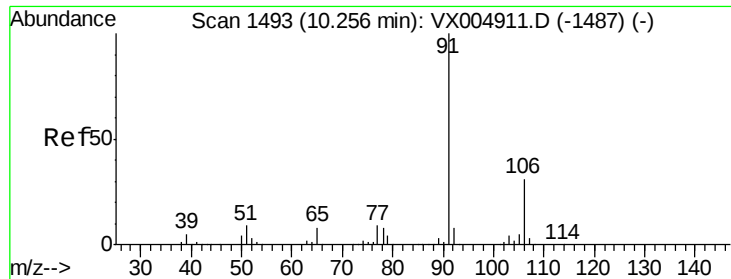


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

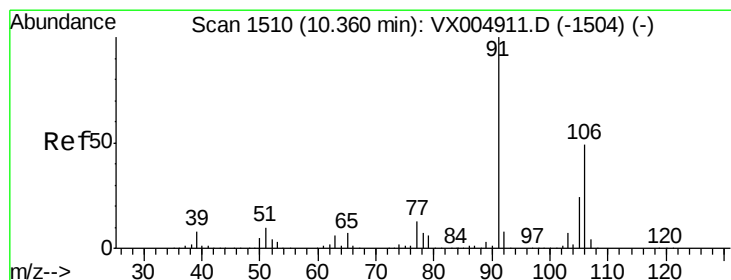
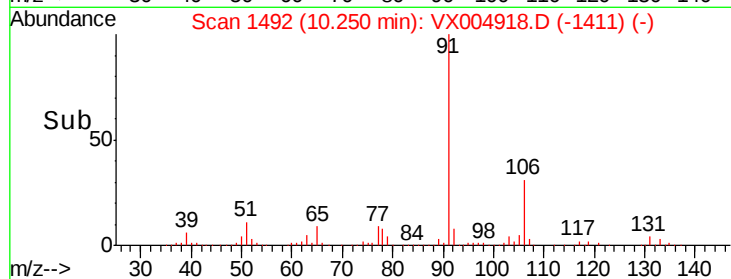
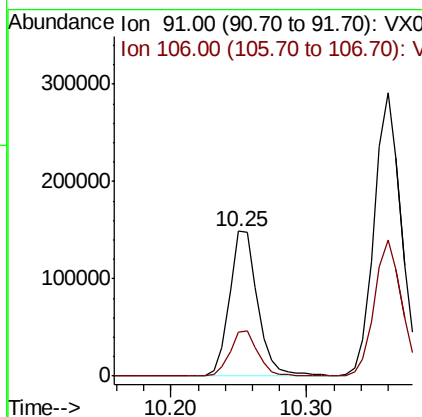
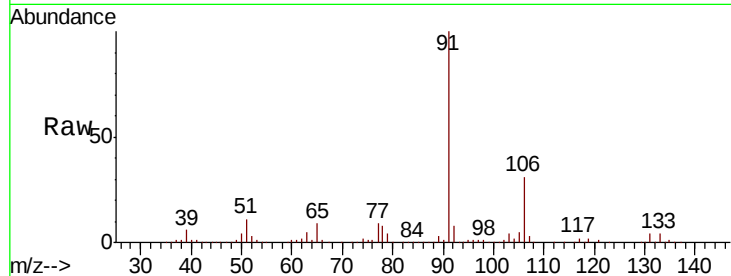




#66
Ethyl Benzene
Concen: 14.585 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

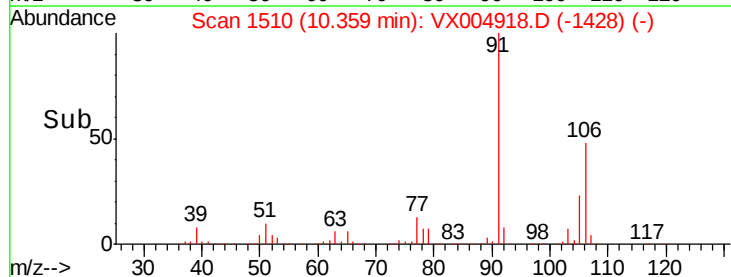
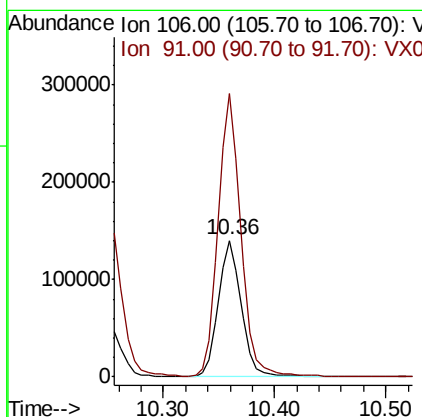
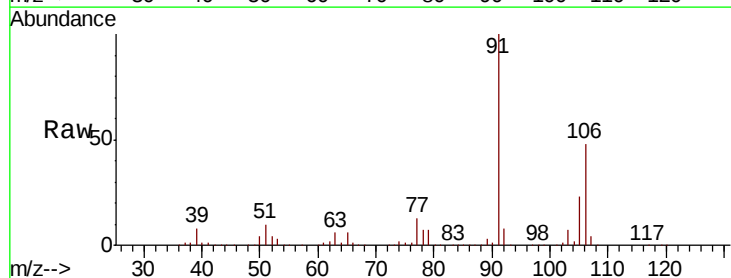
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

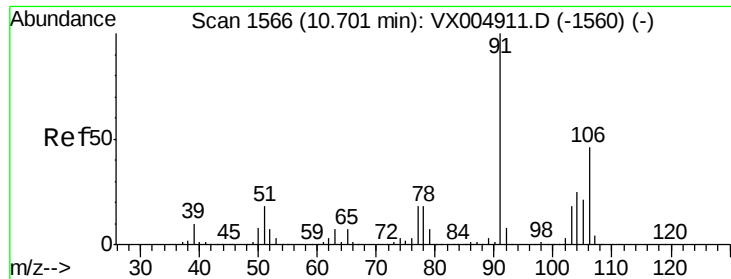
Tot Ion: 91 Resp: 216281
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#67
m/p-Xylenes
Concen: 34.528 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion: 106 Resp: 199364
Ion Ratio Lower Upper
106 100
91 205.9 165.5 248.3

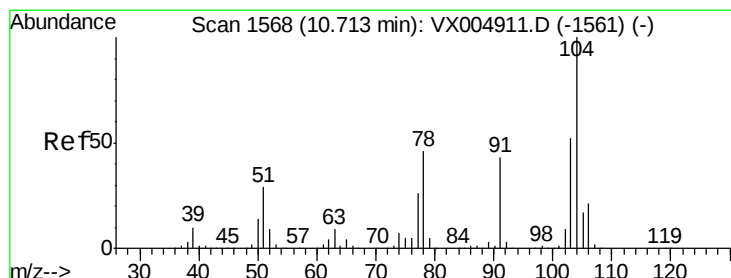
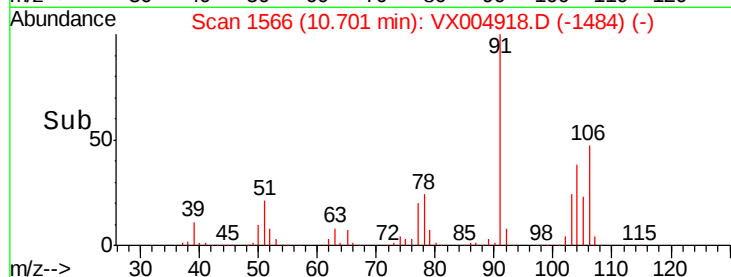
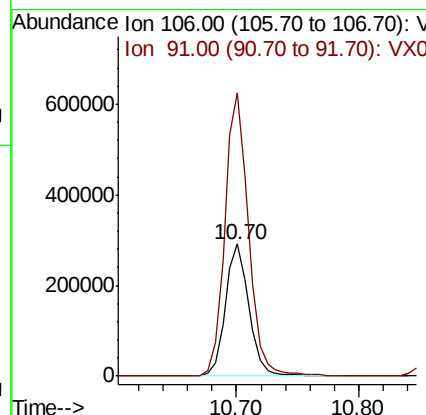
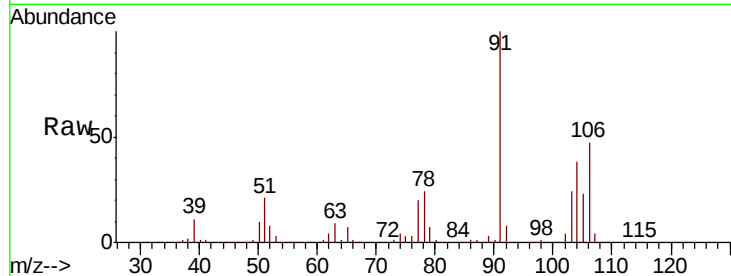




#68
o-Xylene
Concen: 70.136 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

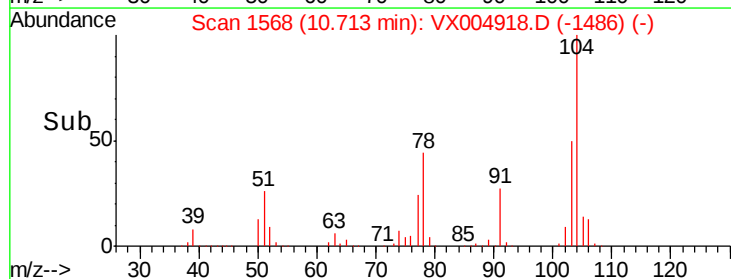
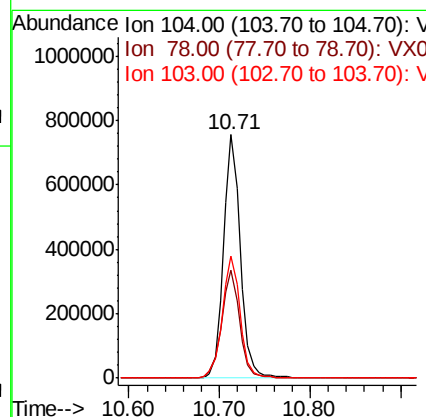
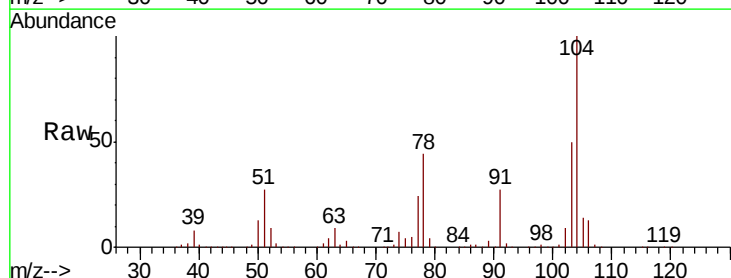
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

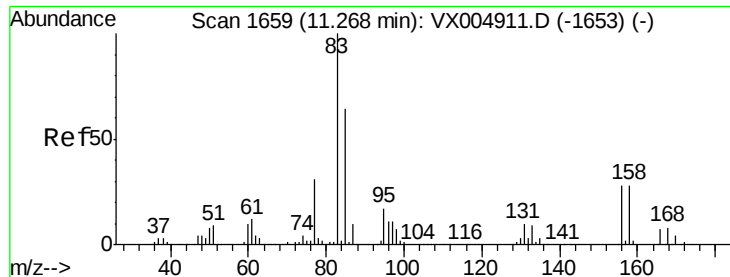
Tot Ion:106 Resp: 390363
Ion Ratio Lower Upper
106 100
91 214.6 109.1 327.2



#69
Styrene
Concen: 105.030 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion:104 Resp: 982970
Ion Ratio Lower Upper
104 100
78 47.5 40.3 60.5
103 53.4 44.6 66.8

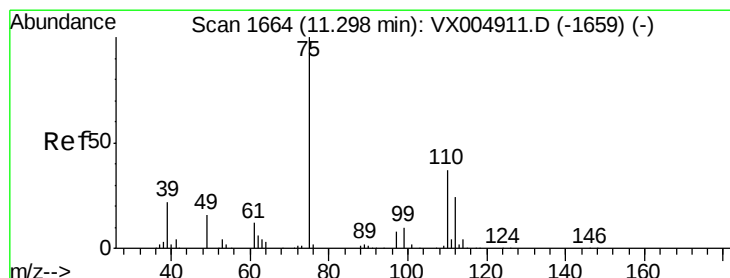
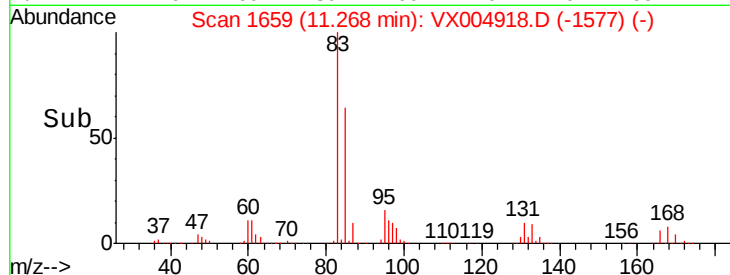
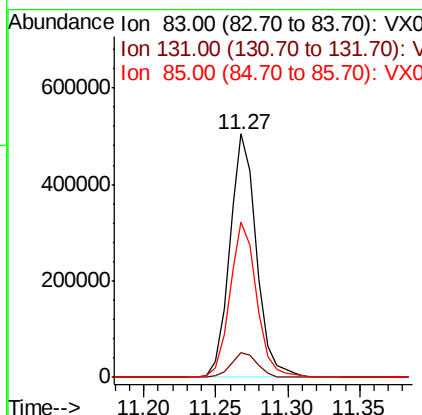
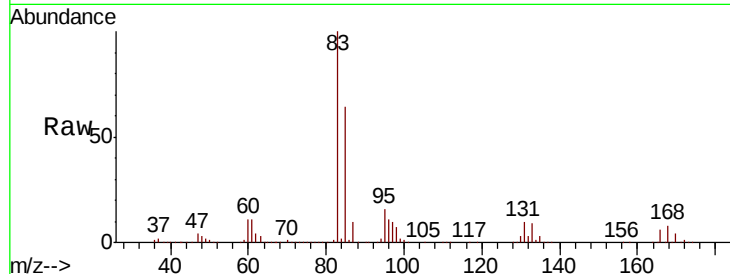




#71
 1,1,2,2-Tetrachloroethane
 Concen: 118.441 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

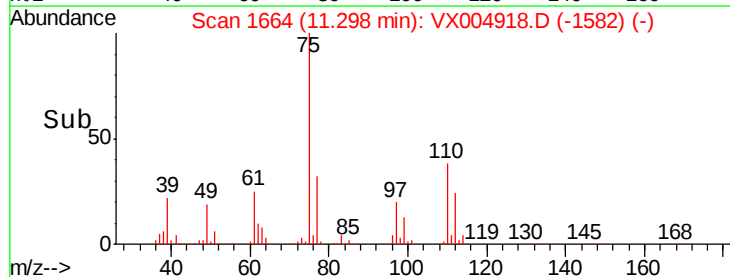
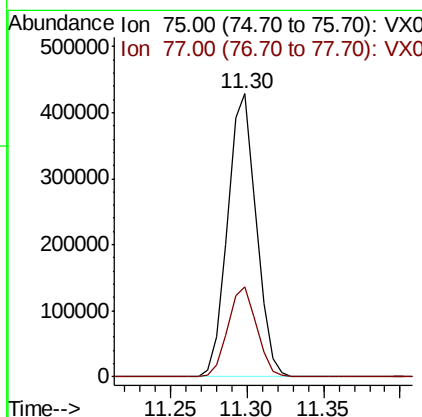
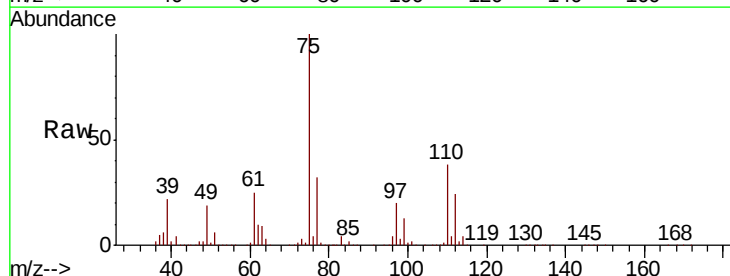
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

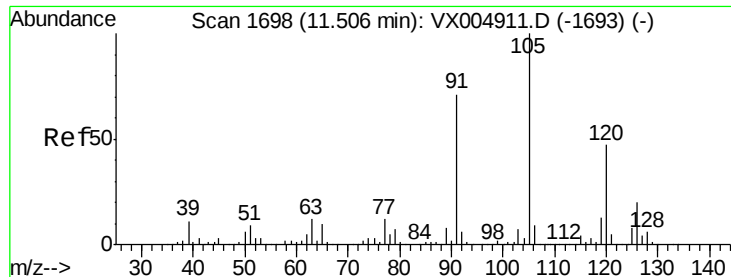
Tot Ion	83	Resp	655645
Ion Ratio	100		
Lower		5.1	
Upper		15.2	
85	64.1	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 110.026 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

Tgt Ion	75	Resp	554878
Ion Ratio	100		
Lower		0.0	
Upper		81.2	
77	32.0		





#76

1,3,5-Trimethylbenzene

Concen: 45.134 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004918.D

Acq: 02 Oct 2018 14:23

Instrument :

MSVOA_X

ClientSampled :

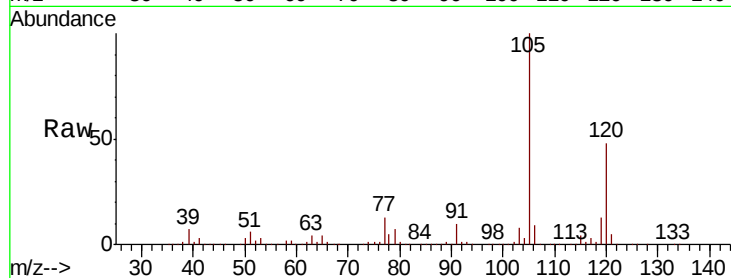
PT-VOA-WP

Tot Ion:105 Resp: 580395

Ion Ratio Lower Upper

105 100

120 48.5 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

500000

400000

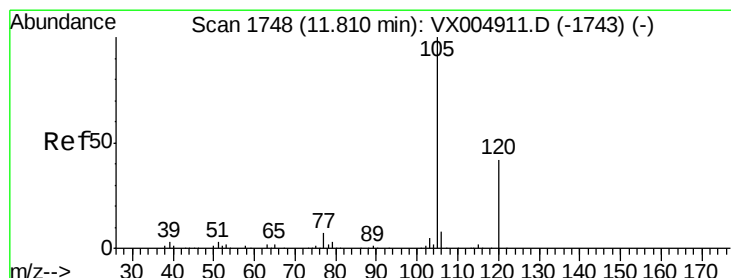
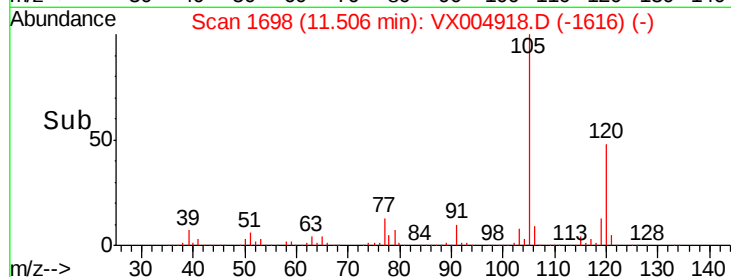
300000

200000

100000

0

Time-->



#80

1,2,4-Trimethylbenzene

Concen: 73.587 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX004918.D

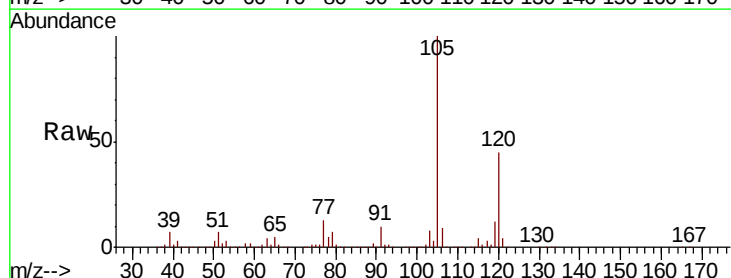
Acq: 02 Oct 2018 14:23

Tgt Ion:105 Resp: 965032

Ion Ratio Lower Upper

105 100

120 45.6 0.0 90.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

800000

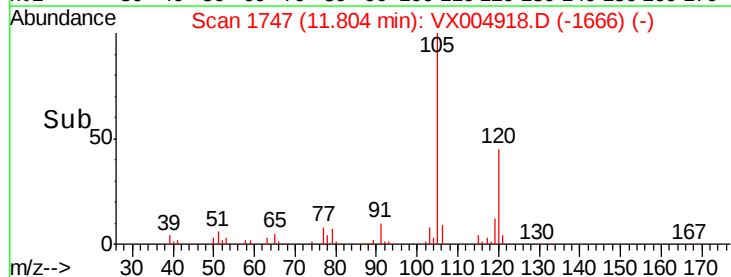
600000

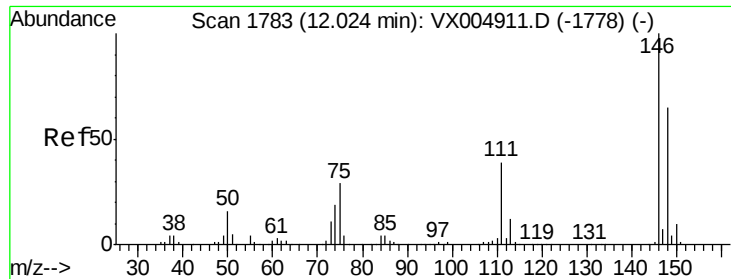
400000

200000

0

Time-->

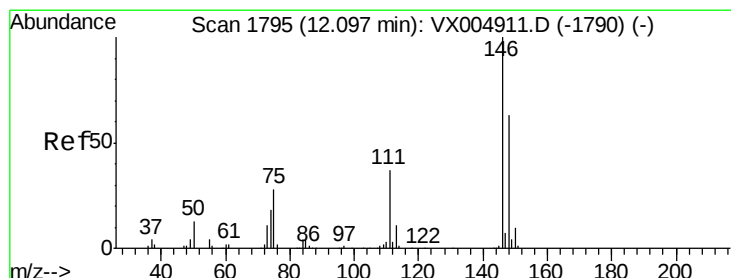
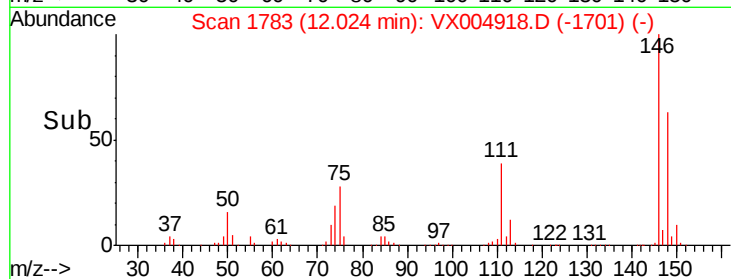
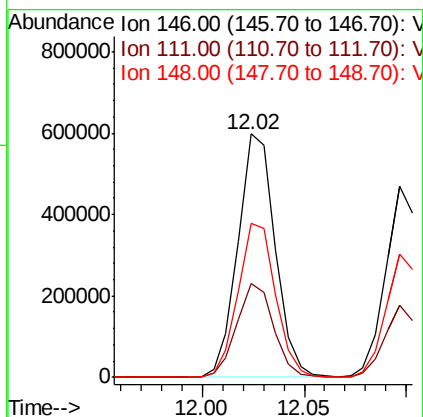
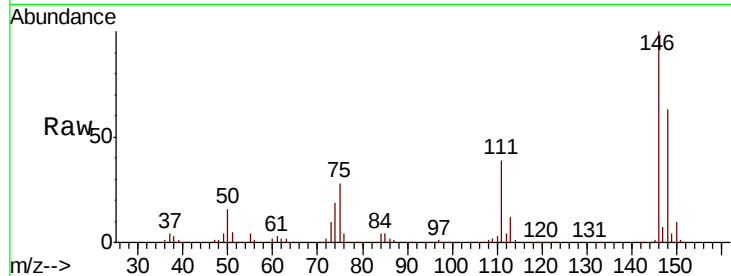




#83
 1,3-Dichlorobenzene
 Concen: 100.446 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

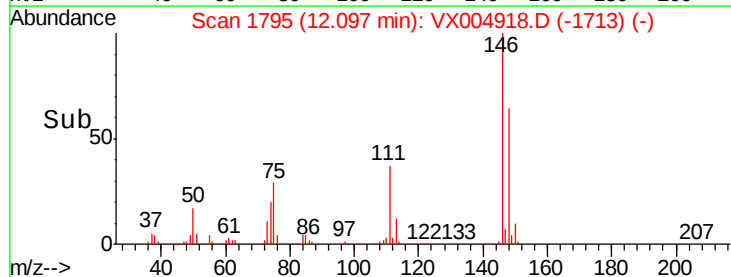
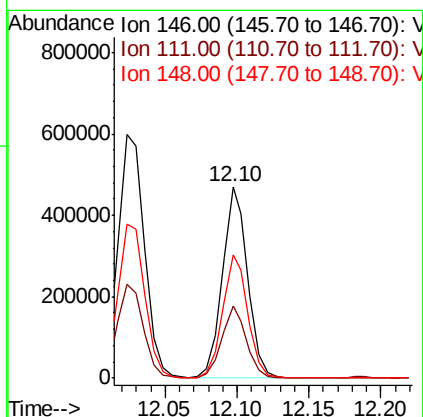
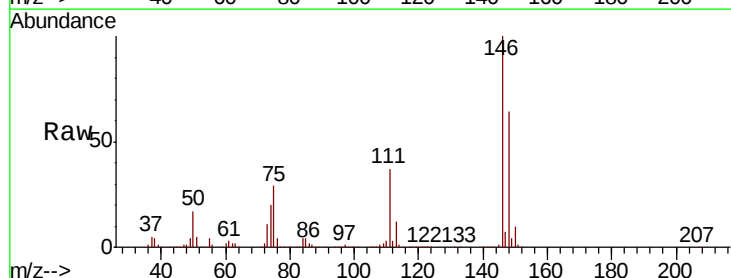
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

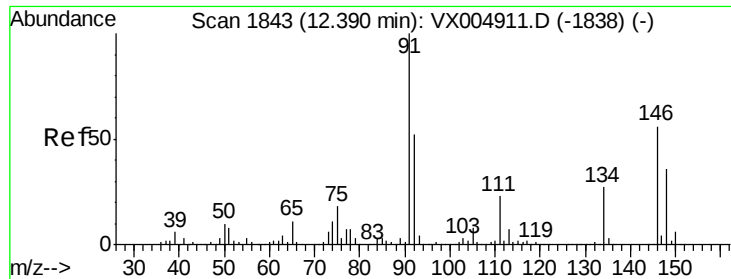
Tot Ion:146 Resp: 760958
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.8
 148 64.0 32.4 97.2



#84
 1,4-Dichlorobenzene
 Concen: 75.105 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

Tgt Ion:146 Resp: 577401
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.4
 148 64.6 31.9 95.7

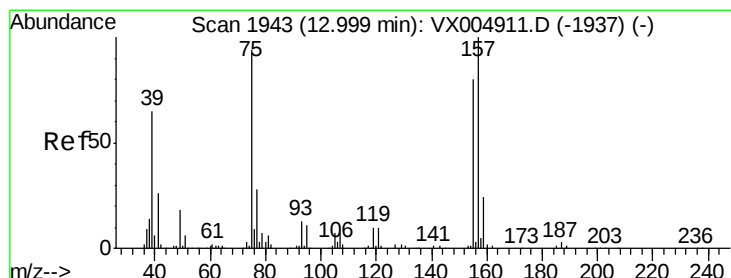
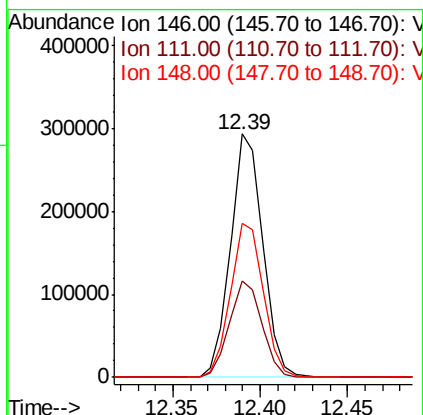
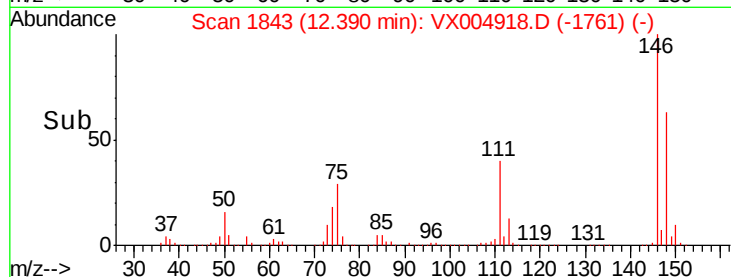
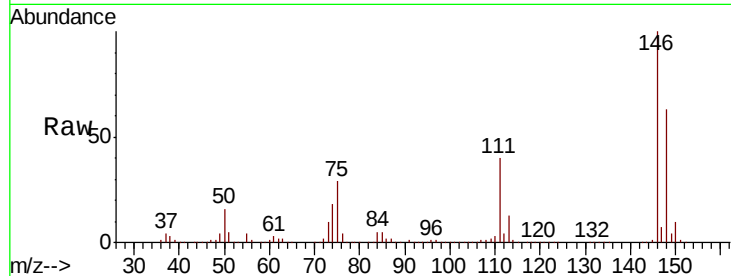




#87
 1,2-Dichlorobenzene
 Concen: 48.975 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

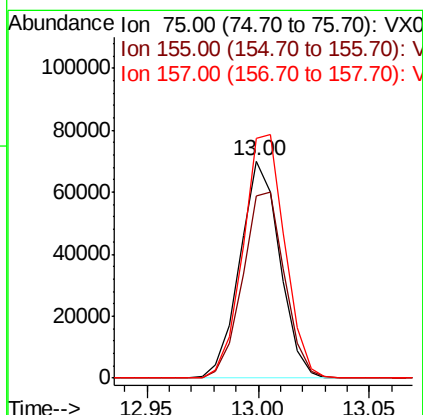
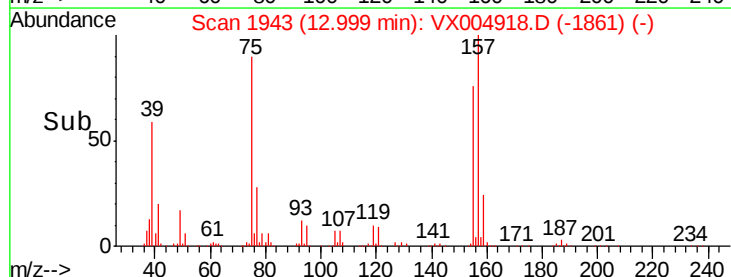
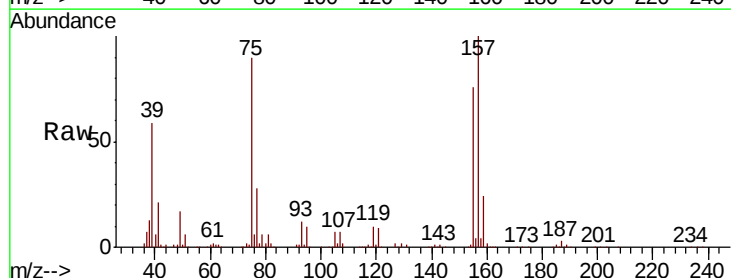
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

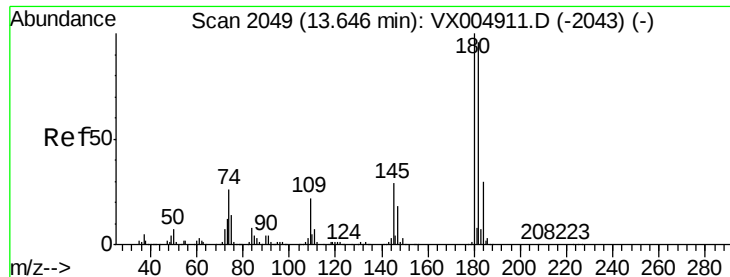
Tot Ion:146 Resp: 377160
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.7
 148 64.7 31.9 95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 68.353 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004918.D
 Acq: 02 Oct 2018 14:23

Tgt Ion: 75 Resp: 87437
 Ion Ratio Lower Upper
 75 100
 155 90.0 71.6 107.4
 157 118.0 91.3 136.9

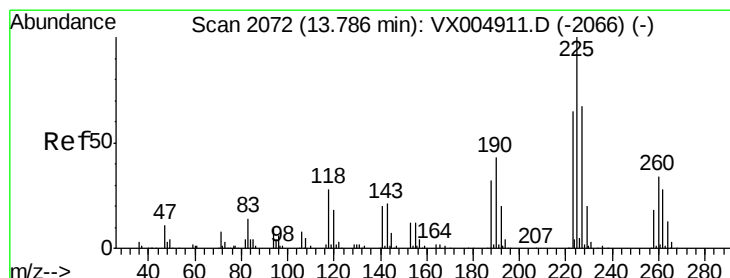
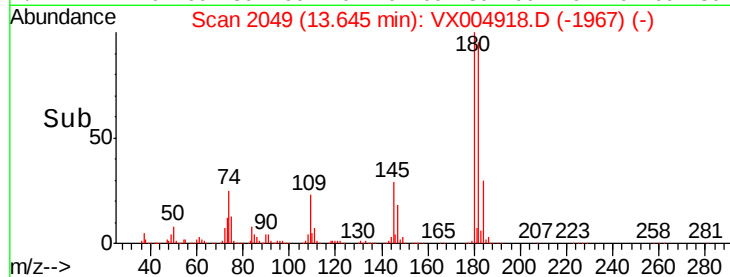
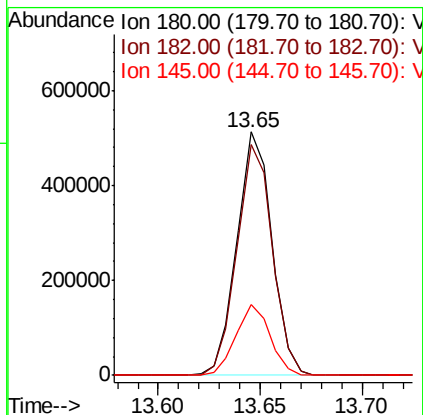
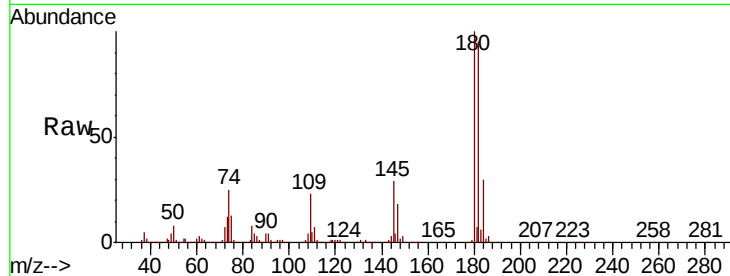




#89
1,2,4-Trichlorobenzene
Concen: 106.337 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

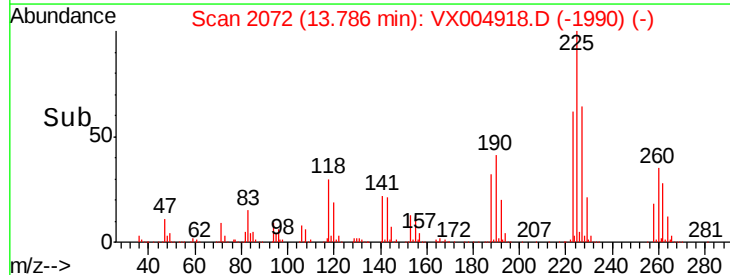
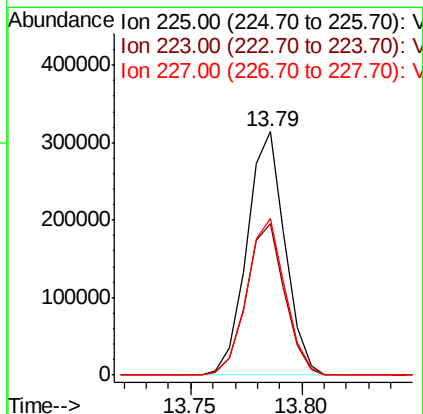
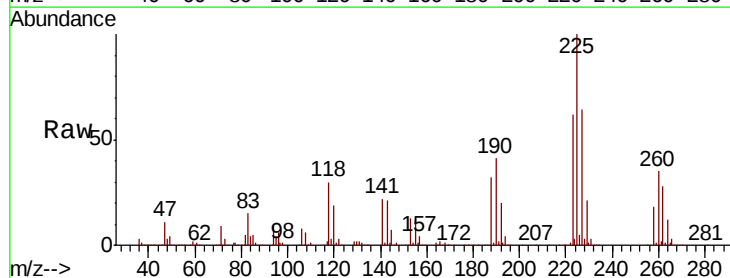
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

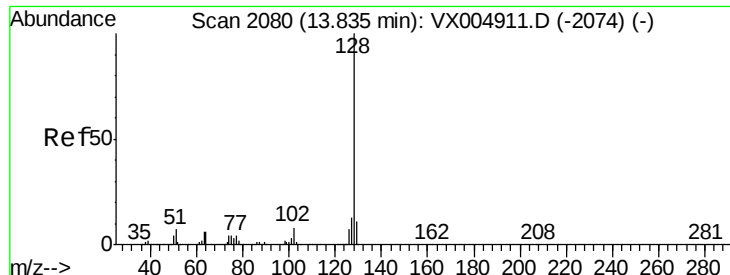
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	28.4	22.6	33.8



#90
Hexachlorobutadiene
Concen: 131.749 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	126.6
227	64.5	0.0	129.6





#91
Naphthalene
Concen: 123.057 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004918.D
Acq: 02 Oct 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tot Ion:128 Resp: 2198130
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.6 13.0

