

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018360.D
 Acq On : 11 Sep 2020 14:30
 Operator : JC/SP
 Sample : L3971-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 14 16:37:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	83555	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	400782	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	390649	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	192062	29.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.13%
60) 4-Bromofluorobenzene	11.12	95	194922	28.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.97%
63) Toluene-d8	8.70	98	531624	30.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.93%

Target Compounds

					Ovalue
3) Chloromethane	1.31	50	261134	55.603	ug/l 96
7) Trichlorofluoromethane	1.92	101	619028	73.865	ug/l 99
11) Methyl Iodide	2.50	142	5087	8.354	ug/l 96
15) Acetone	2.42	58	83807	122.952	ug/l 84
18) Methylene Chloride	2.84	84	490240	99.378	ug/l 94
21) 1,1-Dichloroethane	3.67	63	1073604	125.763	ug/l 99
24) Methyl tert-Butyl Ether	3.17	73	542626	36.313	ug/l 100
25) Chloroform	5.18	83	591383	64.911	ug/l 99
30) 2-Butanone	4.63	43	394639	117.811	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	292280	36.500	ug/l 99
33) Carbon Tetrachloride	5.76	117	404603	54.223	ug/l 100
34) Benzene	6.11	78	668711	38.292	ug/l # 96
37) Trichloroethene	7.19	130	387642	76.764	ug/l 96
39) 1,2-Dichloropropane	7.49	63	323080	69.074	ug/l 97
41) Bromodichloromethane	7.88	83	333199	47.597	ug/l 96
48) t-1,3-Dichloropropene	9.02	75	198028	26.334	ug/l 99
49) cis-1,3-Dichloropropene	8.41	75	483764	61.240	ug/l 98
50) 1,1,2-Trichloroethane	9.20	97	233966	49.710	ug/l 99
54) 1,2-Dibromoethane	9.65	107	561160	108.685	ug/l 98
56) Bromoform	10.84	173	437456	98.384	ug/l 98
58) 4-Methyl-2-Pentanone	8.62	43	1290688	192.093	ug/l 99
61) Tetrachloroethene	9.32	164	476849	97.874	ug/l 86
62) Toluene	8.77	91	1028452	52.312	ug/l 100
64) Chlorobenzene	10.12	112	1016353	80.446	ug/l 99
65) 1,1,1,2-Tetrachloroethane	10.21	131	647842	126.614	ug/l 97
66) Ethyl Benzene	10.24	91	2303556	106.040	ug/l 95
67) m/p-Xylenes	10.34	106	368355	44.340	ug/l 98
68) o-Xylene	10.68	106	555848	70.811	ug/l 97
69) Styrene	10.69	104	692036	50.531	ug/l 95
72) 1,2,3-Trichloropropane	11.28	75	532816	77.739	ug/l 91
76) 1,3,5-Trimethylbenzene	11.49	105	1698642	89.320	ug/l 100
83) 1,3-Dichlorobenzene	12.01	146	456345	42.677	ug/l 98
84) 1,4-Dichlorobenzene	12.08	146	968888	90.620	ug/l 100
87) 1,2-Dichlorobenzene	12.38	146	433786	43.323	ug/l 99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	62412	34.200	ug/l 96
91) Naphthalene	13.82	128	1641078	77.624	ug/l 100

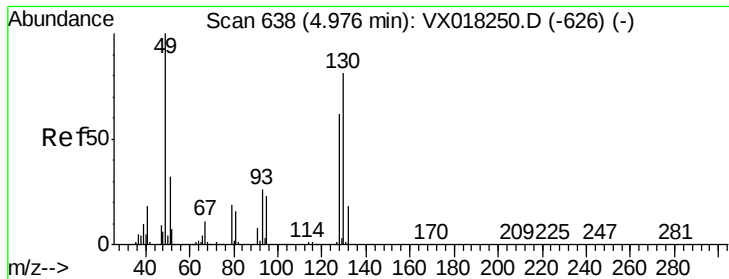
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
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Quant Time: Sep 14 16:37:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampled :

PT-VOA-WP

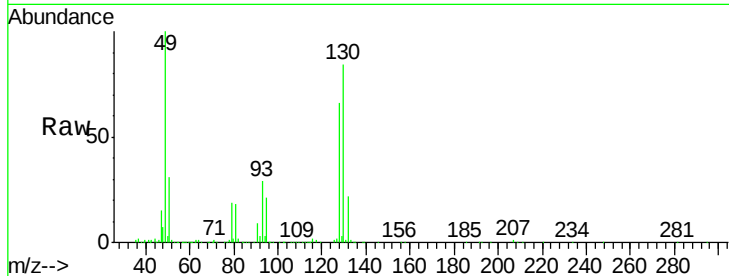
Tot Ion:128 Resp: 83555

Ion Ratio Lower Upper

128 100

49 148.0 0.0 392.0

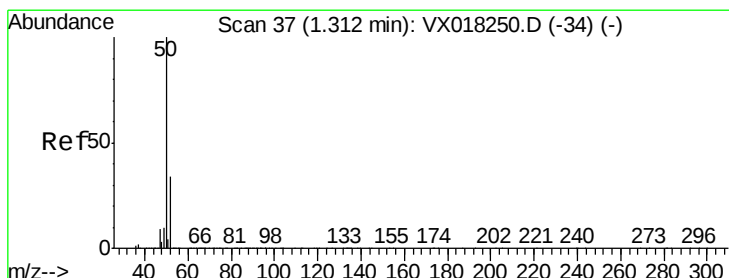
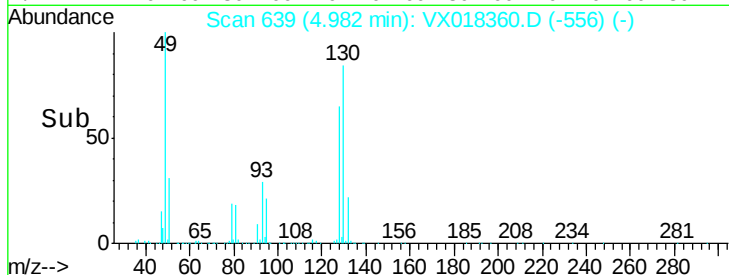
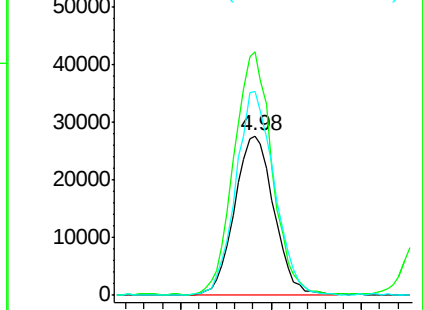
130 125.1 0.0 320.2



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



#3

Chloromethane

Concen: 55.603 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018360.D

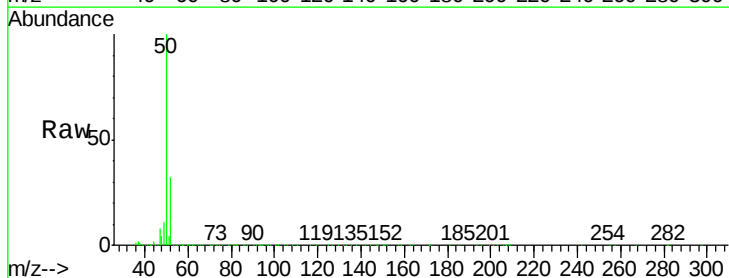
Acq: 11 Sep 2020 14:30

Tgt Ion: 50 Resp: 261134

Ion Ratio Lower Upper

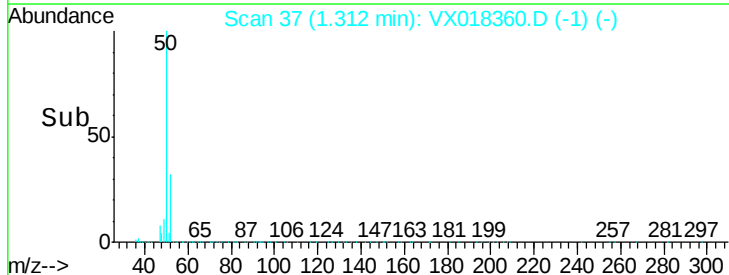
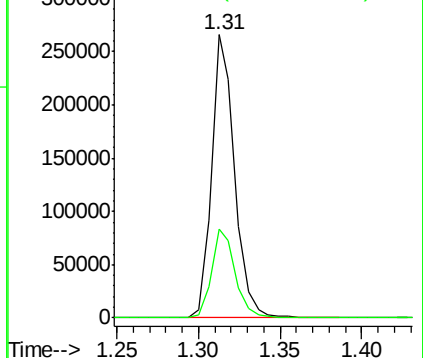
50 100

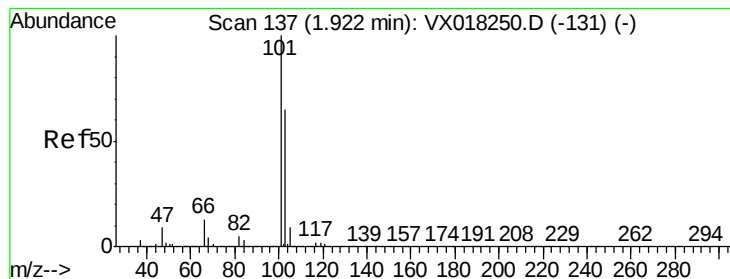
52 31.5 27.1 40.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#7

Trichlorofluoromethane

Concen: 73.865 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

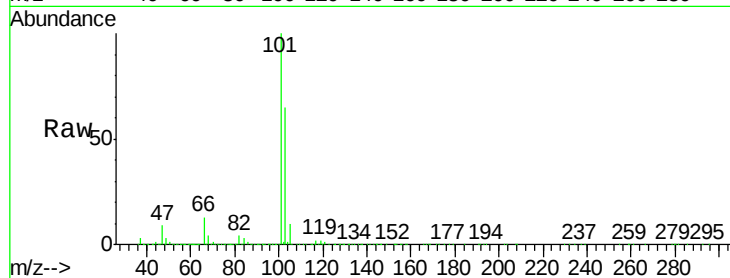
PT-VOA-WP

Tot Ion:101 Resp: 619028

Ion Ratio Lower Upper

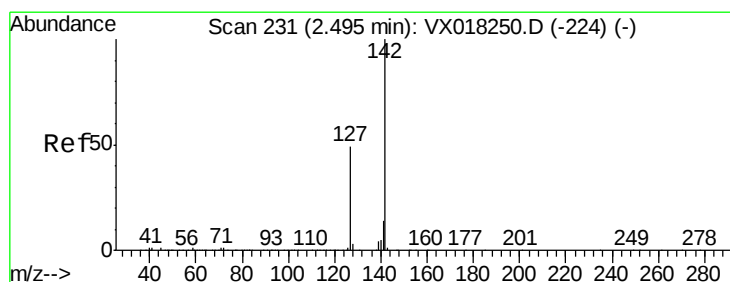
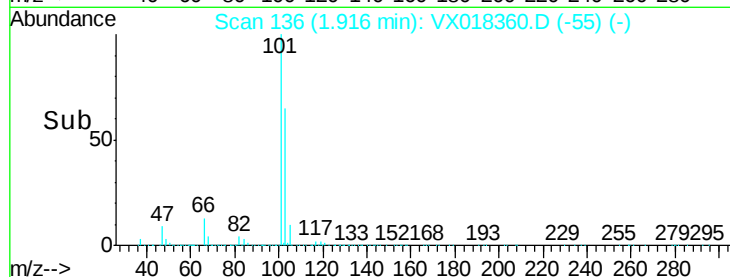
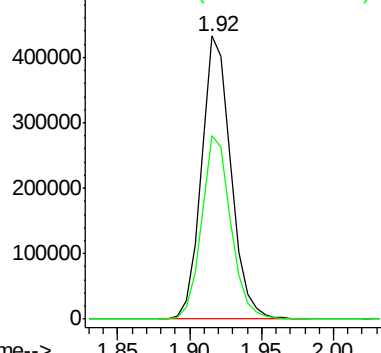
101 100

103 64.7 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#11

Methyl Iodide

Concen: 8.354 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

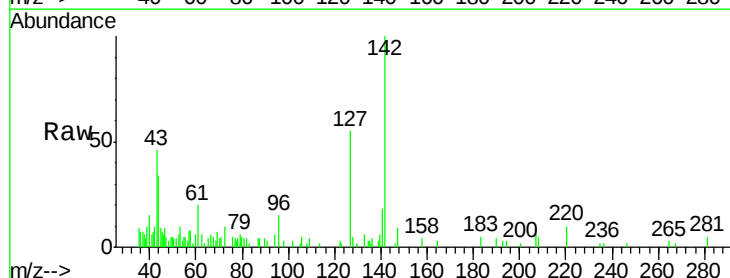
Tgt Ion:142 Resp: 5087

Ion Ratio Lower Upper

142 100

127 52.4 24.6 74.0

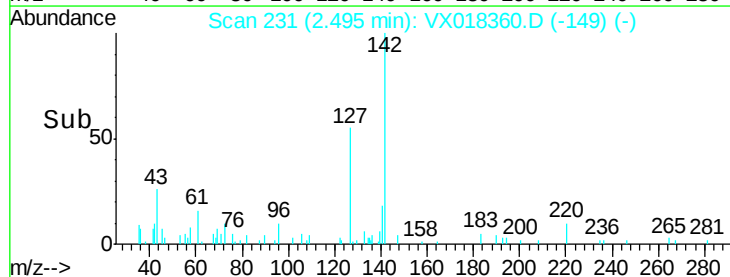
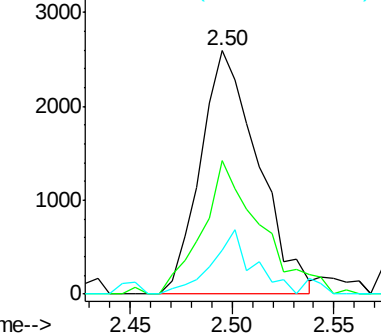
141 15.2 7.0 21.0

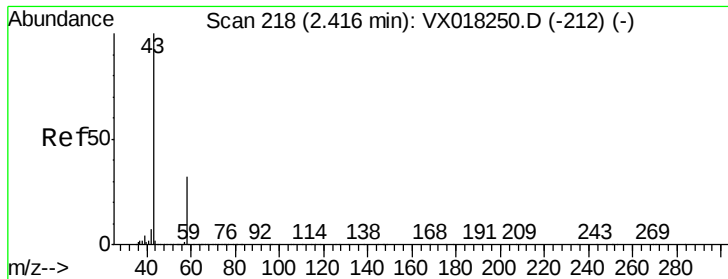


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#15

Acetone

Concen: 122.952 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

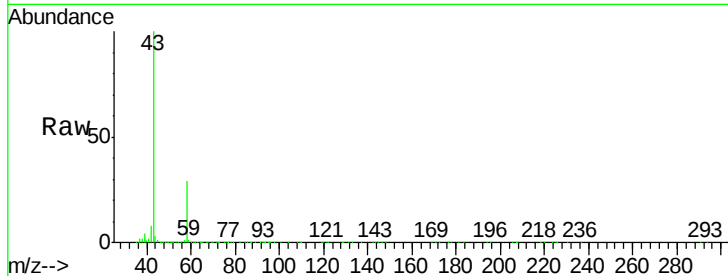
PT-VOA-WP

Tot Ion: 58 Resp: 83807

Ion Ratio Lower Upper

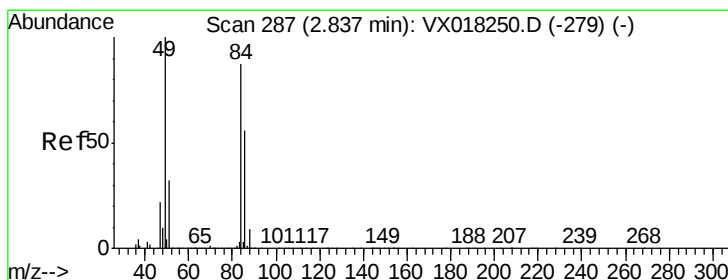
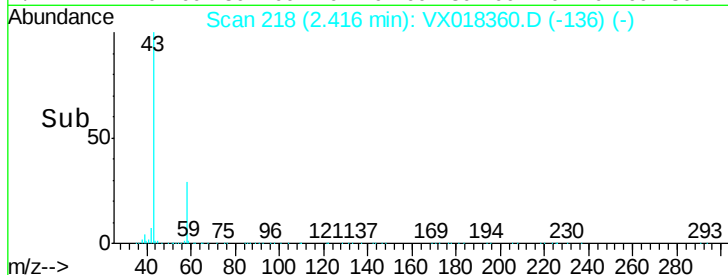
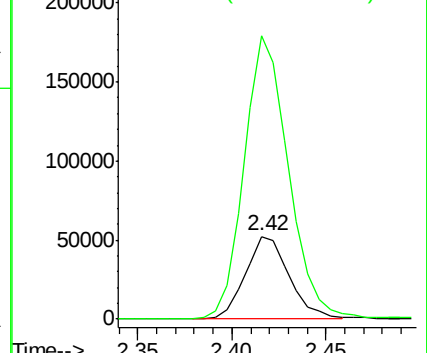
58 100

43 341.5 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#18

Methylene Chloride

Concen: 99.378 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Tgt Ion: 84 Resp: 490240

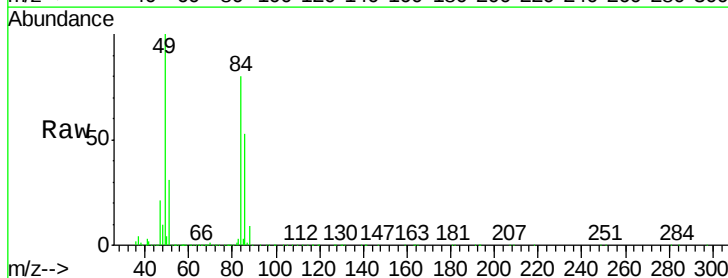
Ion Ratio Lower Upper

84 100

49 125.2 91.6 137.4

51 38.6 29.4 44.0

86 66.1 51.5 77.3

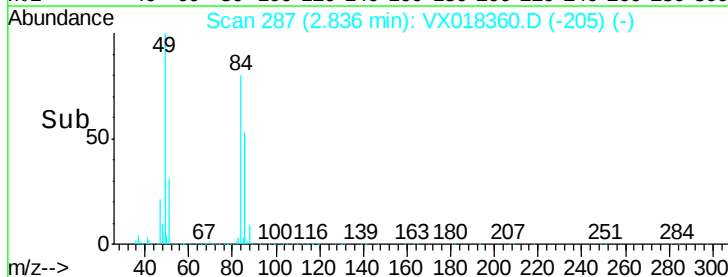
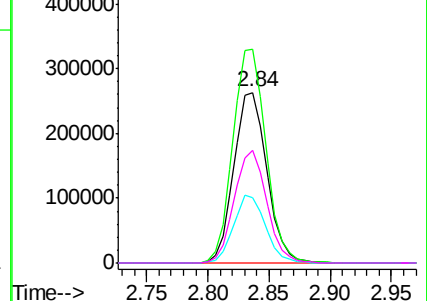


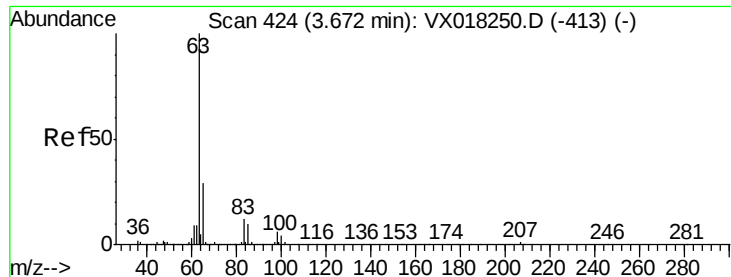
Abundance Ion 84.00 (83.70 to 84.70): VX0

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

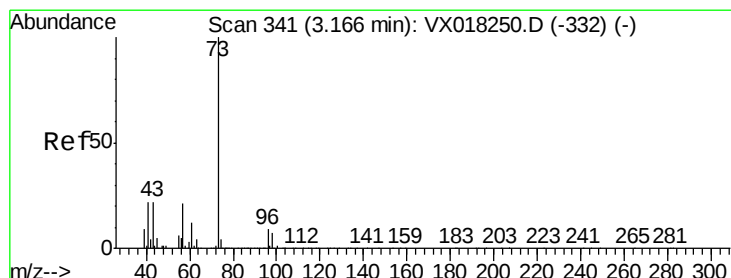
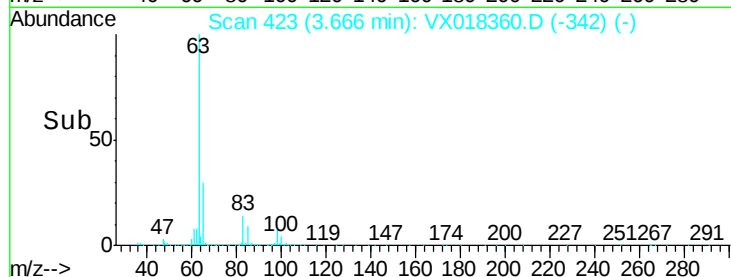
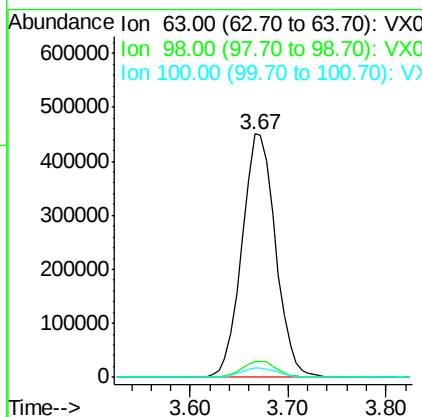
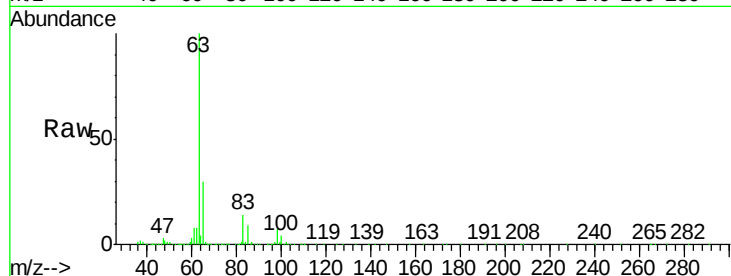




#21
 1,1-Dichloroethane
 Concen: 125.763 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX018360.D
 Acq: 11 Sep 2020 14:30

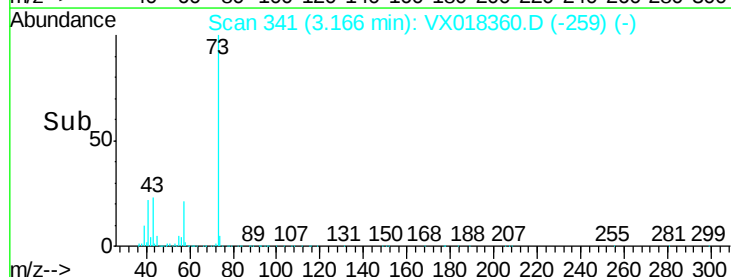
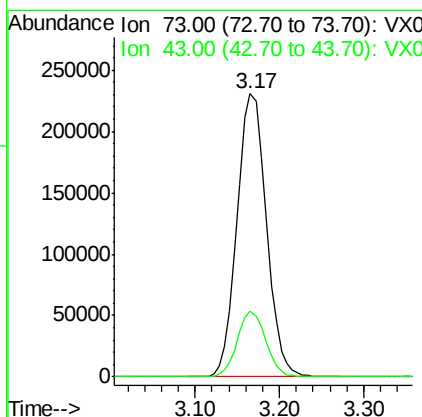
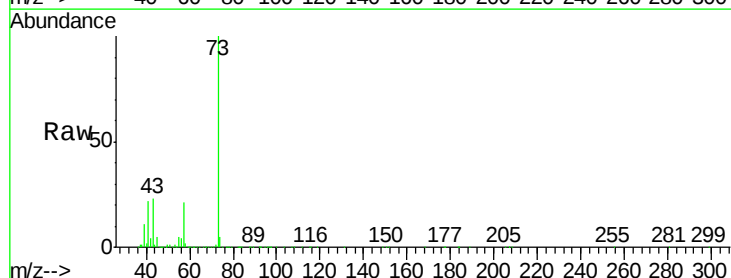
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

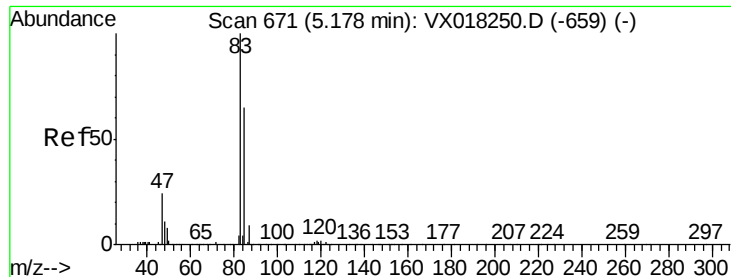
Tot Ion: 63 Resp: 1073604
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 3.9 2.1 6.3



#24
 Methyl tert-Butyl Ether
 Concen: 36.313 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX018360.D
 Acq: 11 Sep 2020 14:30

Tgt Ion: 73 Resp: 542626
 Ion Ratio Lower Upper
 73 100
 43 22.3 17.8 26.6





#25

Chloroform

Concen: 64.911 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

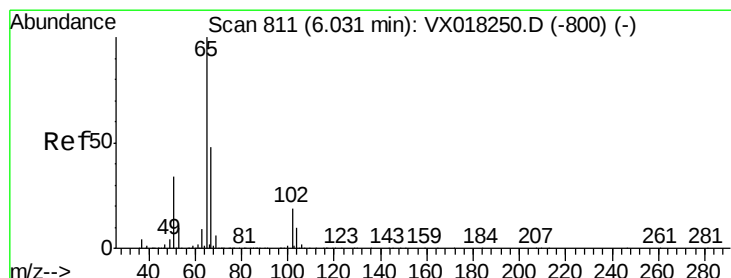
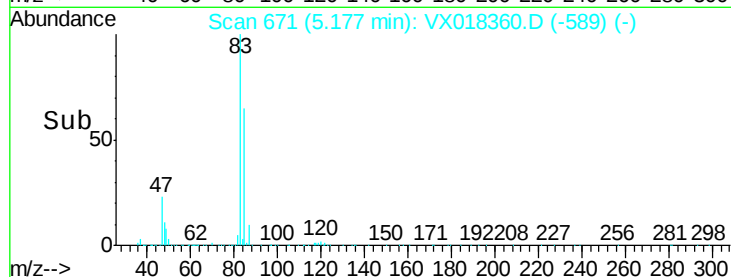
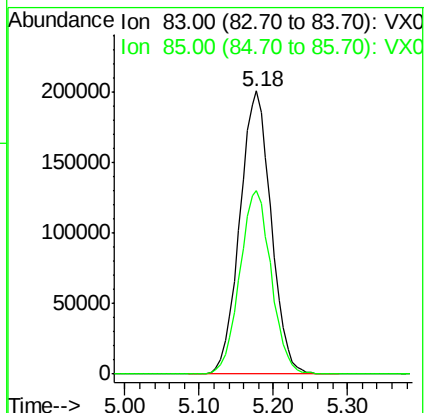
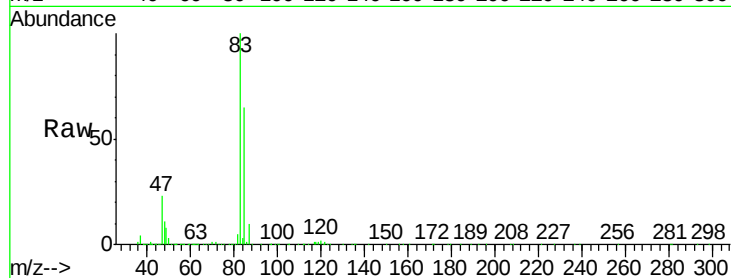
PT-VOA-WP

Tot Ion: 83 Resp: 591383

Ion Ratio Lower Upper

83 100

85 65.0 51.6 77.4



#27

1,2-Dichloroethane-d4

Concen: 29.136 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018360.D

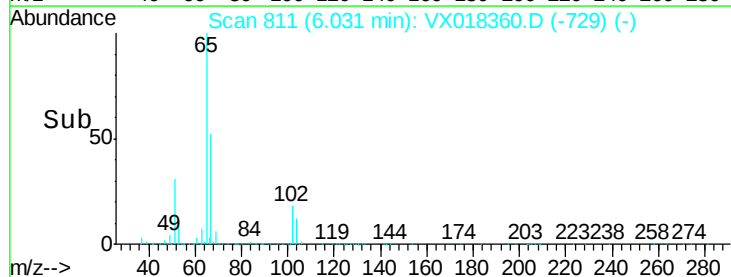
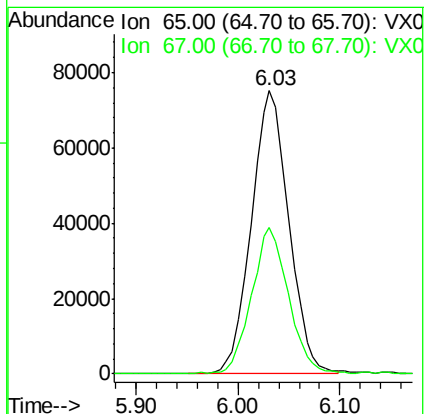
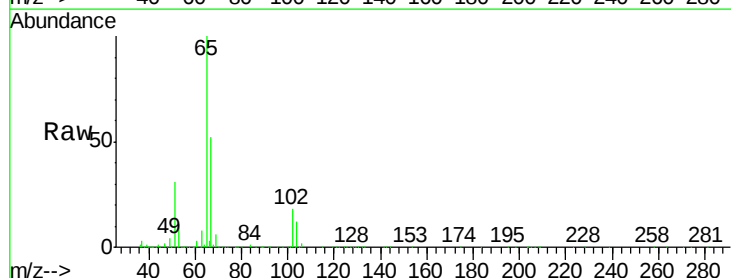
Acq: 11 Sep 2020 14:30

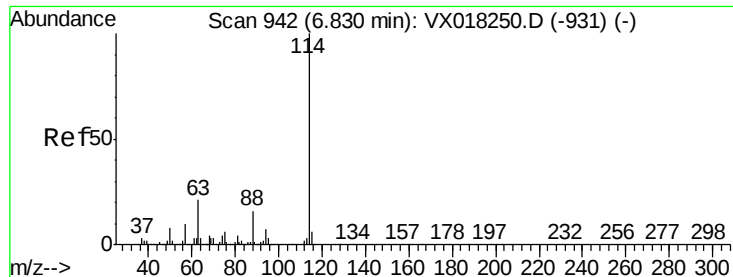
Tgt Ion: 65 Resp: 192062

Ion Ratio Lower Upper

65 100

67 50.6 39.9 59.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

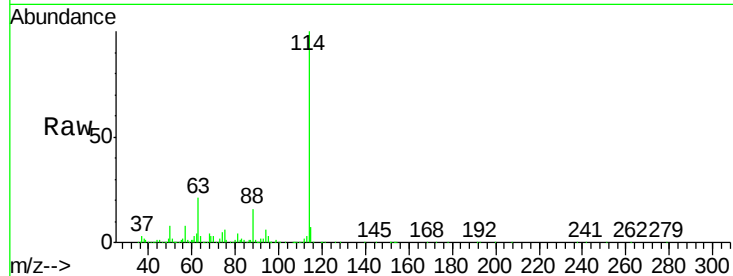
Tot Ion:114 Resp: 400782

Ion Ratio Lower Upper

114 100

63 21.6 16.7 25.1

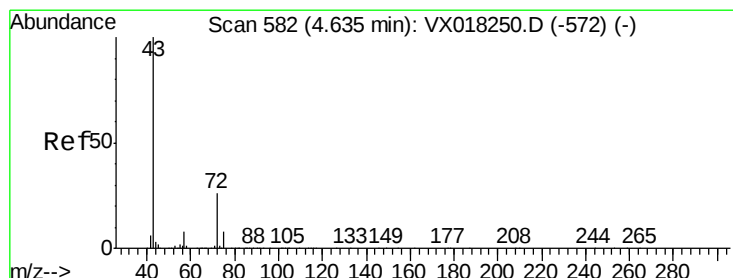
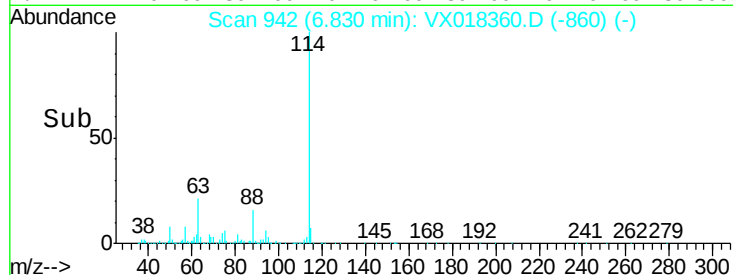
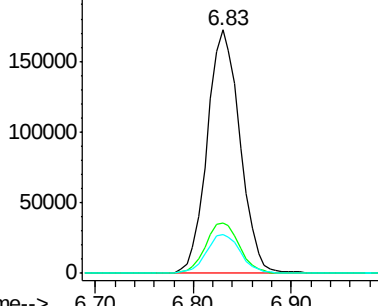
88 16.4 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#30

2-Butanone

Concen: 117.811 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

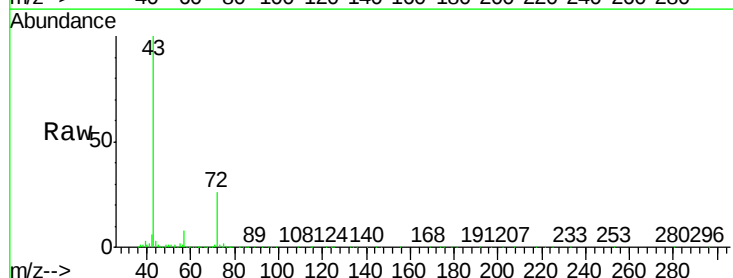
Tgt Ion: 43 Resp: 394639

Ion Ratio Lower Upper

43 100

57 7.9 6.7 10.1

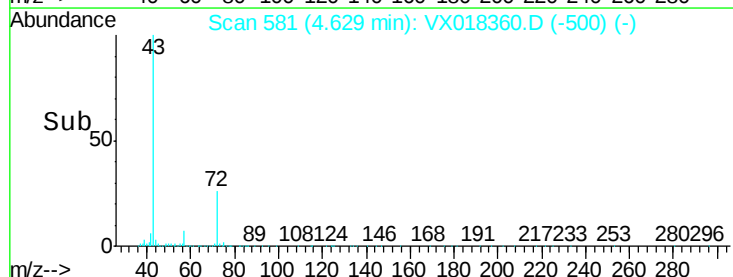
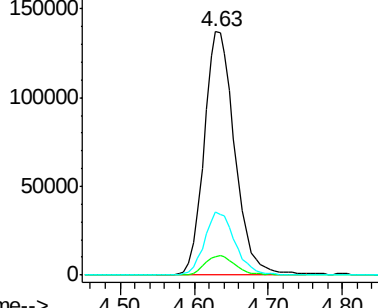
72 25.8 20.0 30.0

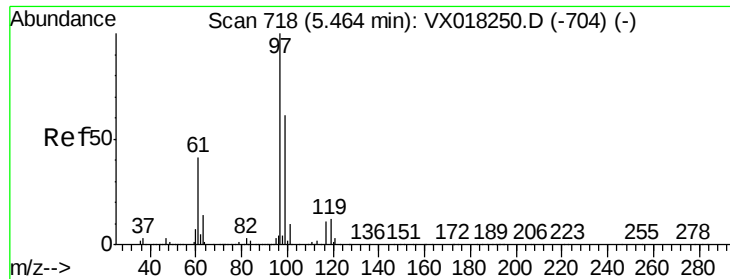


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#32

1,1,1-Trichloroethane

Concen: 36.500 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

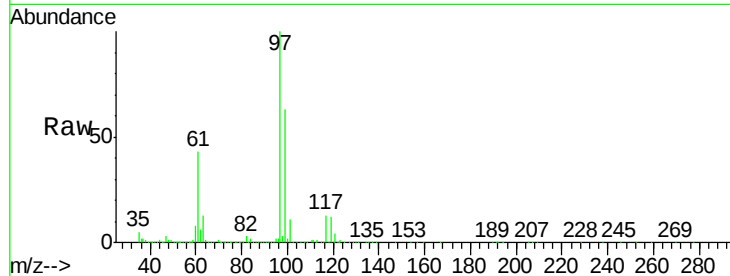
Tot Ion: 97 Resp: 292280

Ion Ratio Lower Upper

97 100

99 64.1 50.7 76.1

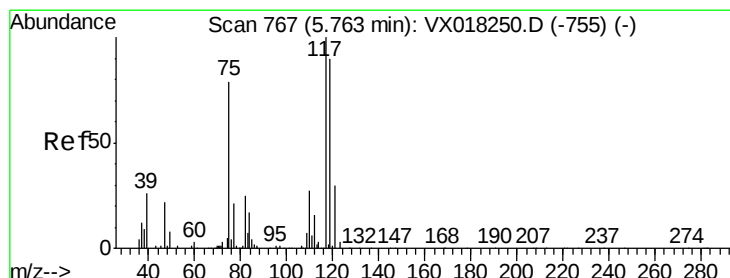
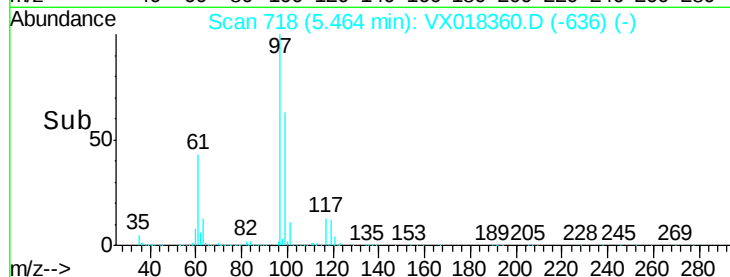
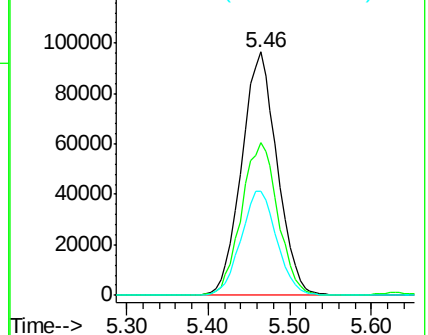
61 42.9 34.5 51.7



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



#33

Carbon Tetrachloride

Concen: 54.223 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

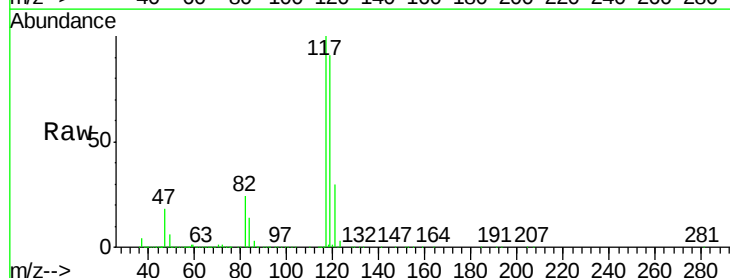
Tgt Ion: 117 Resp: 404603

Ion Ratio Lower Upper

117 100

119 90.6 72.3 108.5

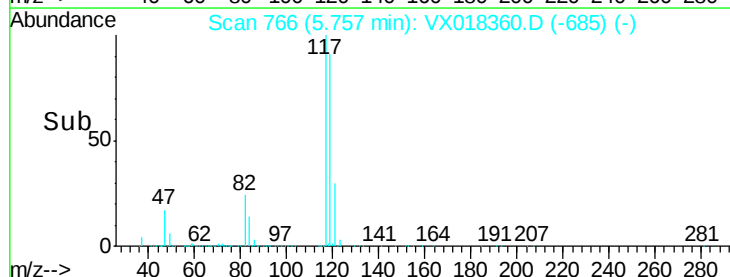
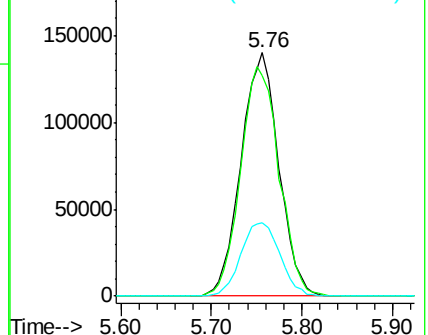
121 29.9 24.1 36.1

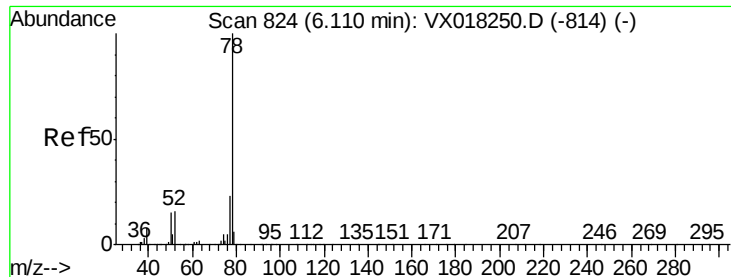


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 38.292 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

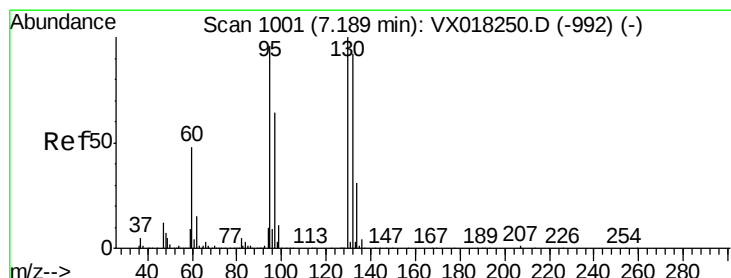
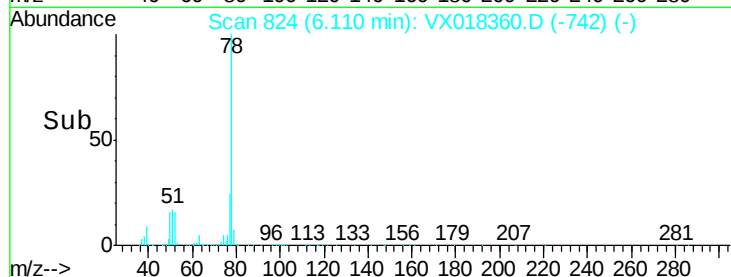
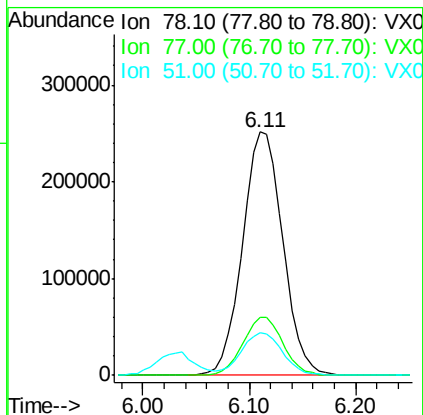
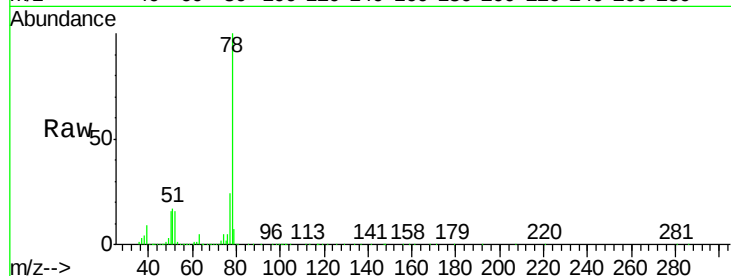
Tot Ion: 78 Resp: 668711

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

51 17.4 11.3 16.9#



#37

Trichloroethene

Concen: 76.764 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018360.D

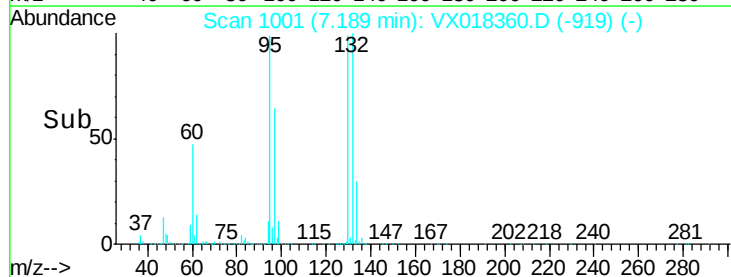
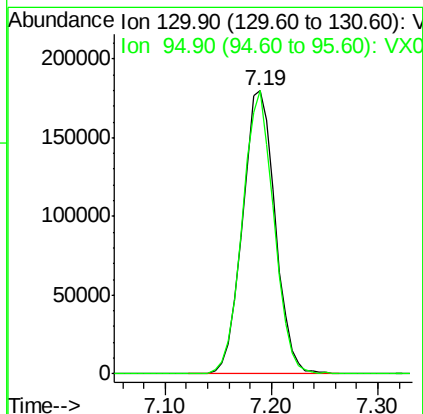
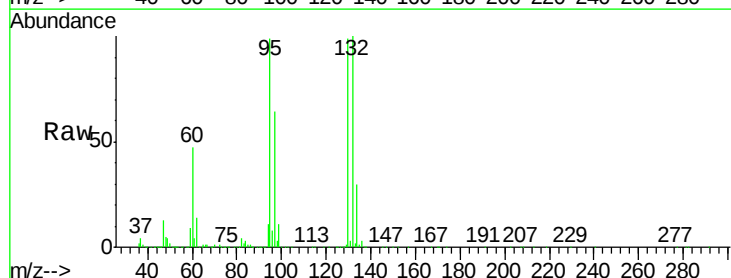
Acq: 11 Sep 2020 14:30

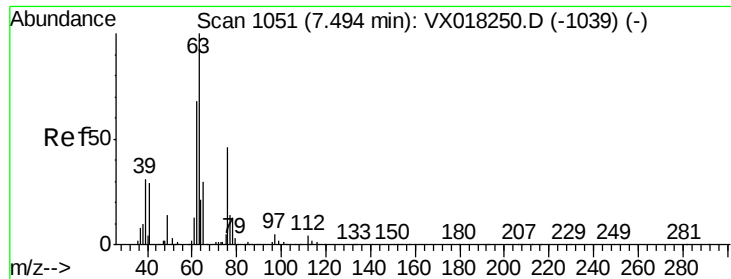
Tgt Ion:130 Resp: 387642

Ion Ratio Lower Upper

130 100

95 100.1 76.9 115.3

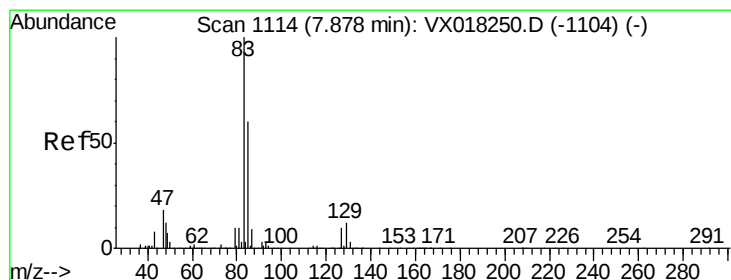
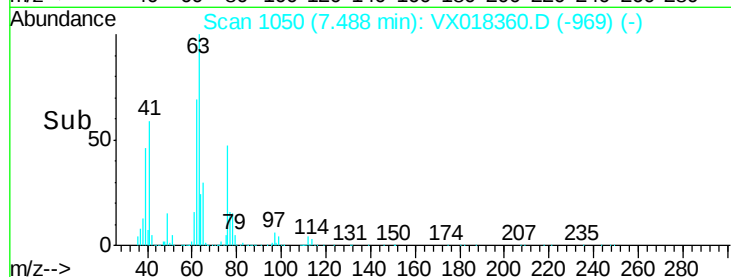
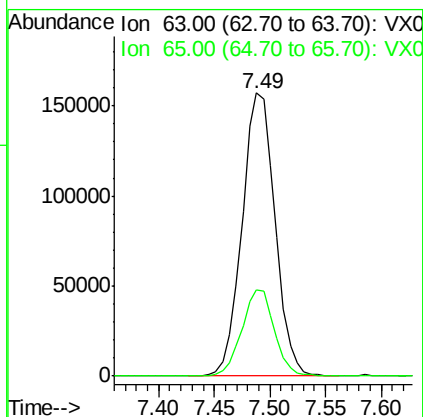
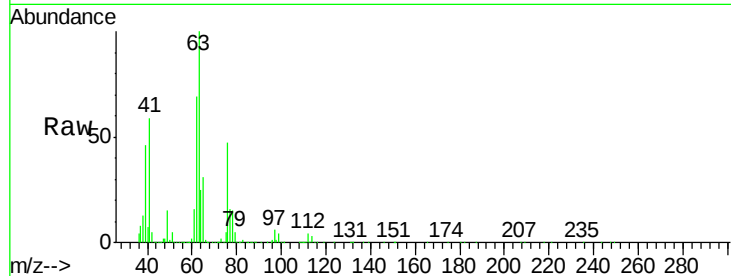




#39
 1,2-Dichloropropane
 Concen: 69.074 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018360.D
 Acq: 11 Sep 2020 14:30

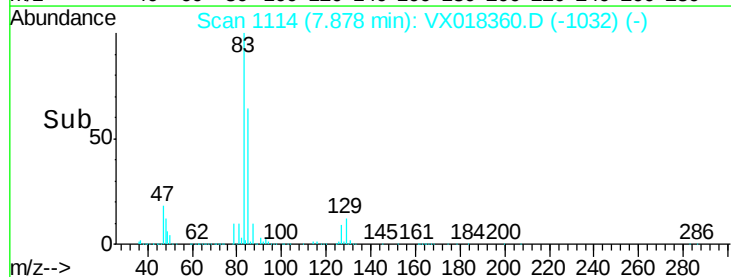
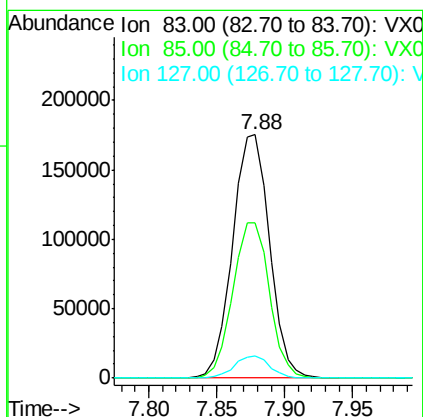
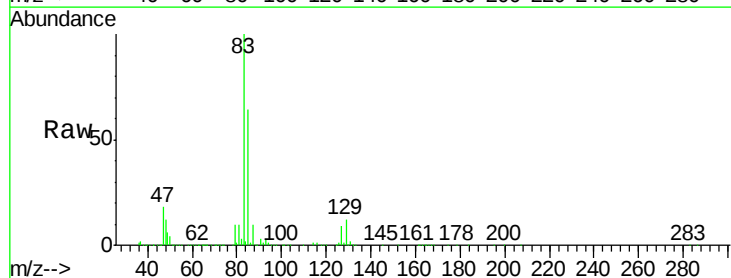
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

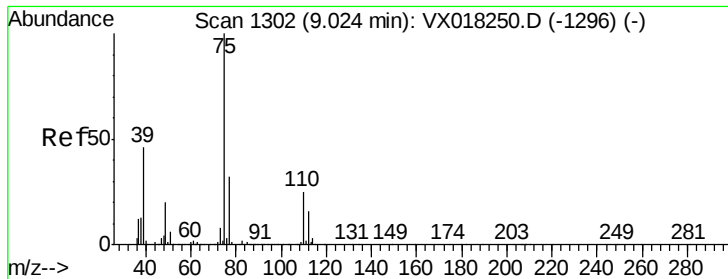
Tot Ion: 63 Resp: 323080
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.7 38.5



#41
 Bromodichloromethane
 Concen: 47.597 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX018360.D
 Acq: 11 Sep 2020 14:30

Tgt Ion: 83 Resp: 333199
 Ion Ratio Lower Upper
 83 100
 85 63.8 48.2 72.2
 127 9.1 8.0 12.0

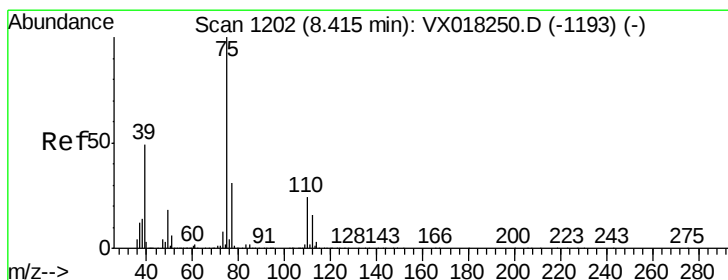
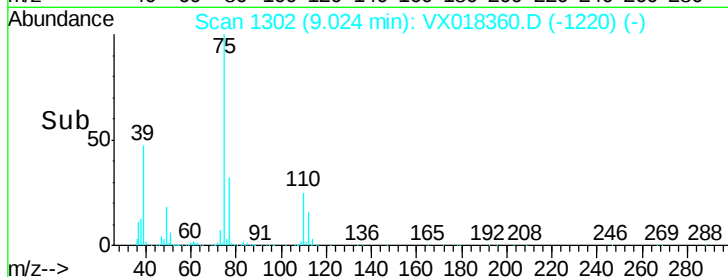
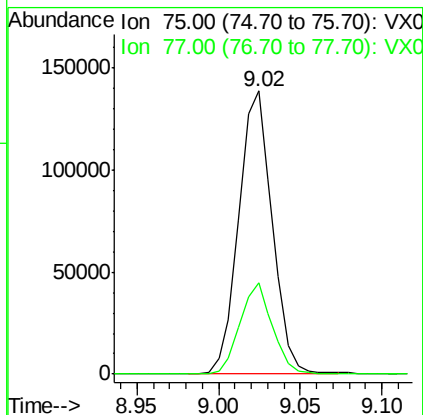
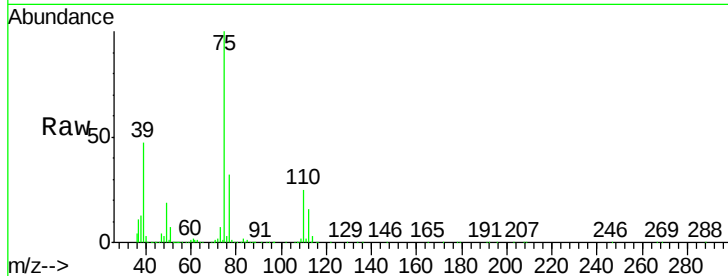




#48
t-1,3-Dichloropropene
Concen: 26.334 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018360.D
Acq: 11 Sep 2020 14:30

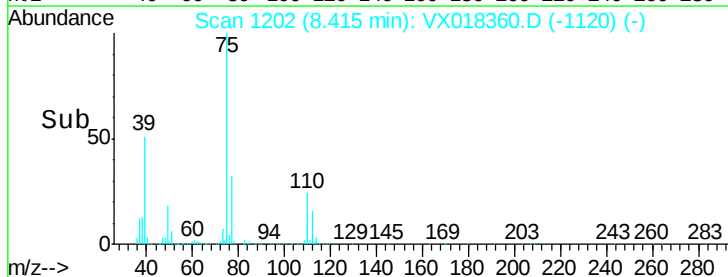
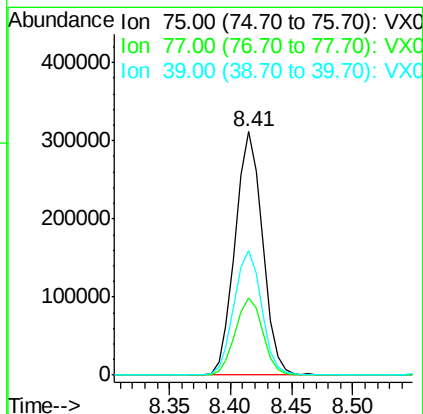
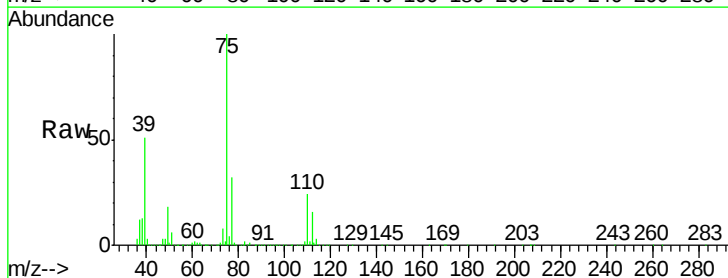
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

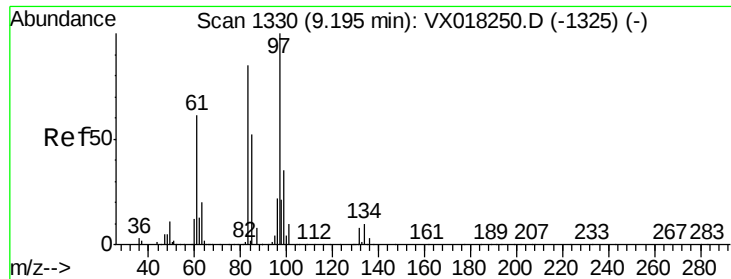
Tot Ion: 75 Resp: 198028
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#49
cis-1,3-Dichloropropene
Concen: 61.240 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018360.D
Acq: 11 Sep 2020 14:30

Tgt Ion: 75 Resp: 483764
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1
39 51.1 39.6 59.4

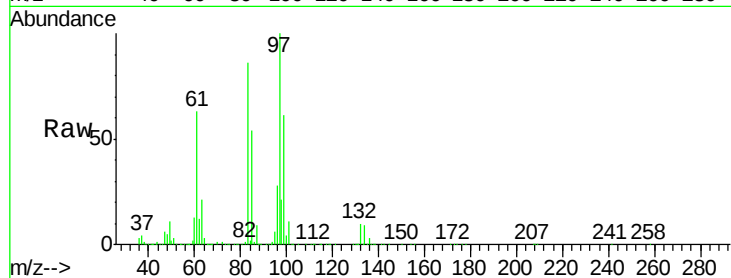




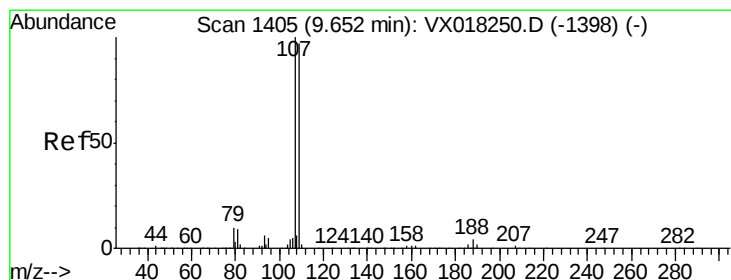
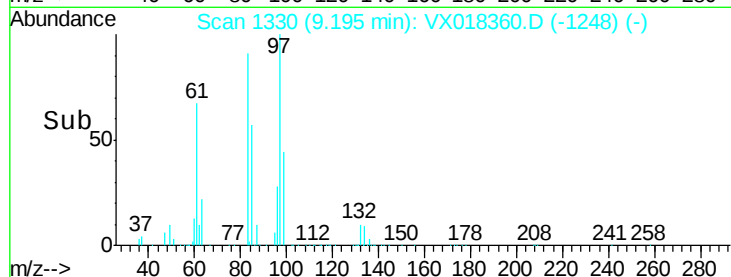
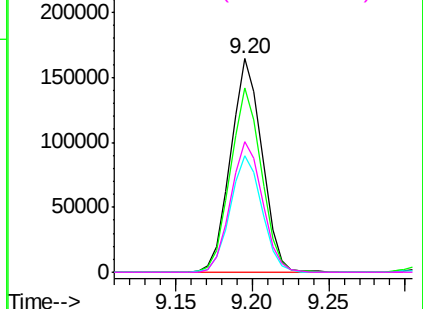
#50
 1,1,2-Trichloroethane
 Concen: 49.710 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018360.D
 Acq: 11 Sep 2020 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Tot Ion:	97	Resp:	233966
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.1	102.1
85	54.3	42.6	64.0
99	61.4	48.2	72.2

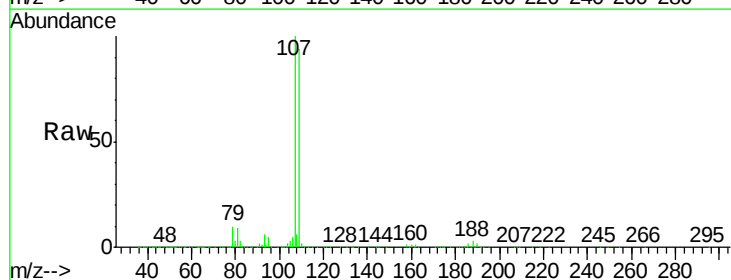


Abundance Ion 97.00 (96.70 to 97.70): VX0

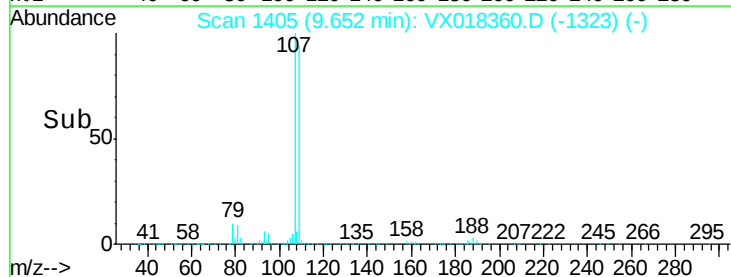
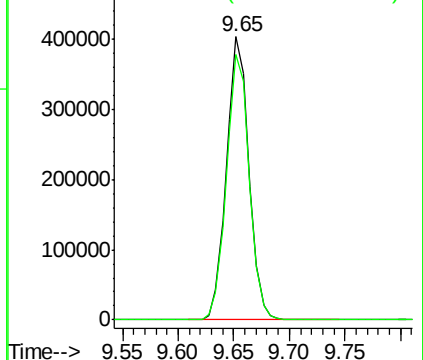


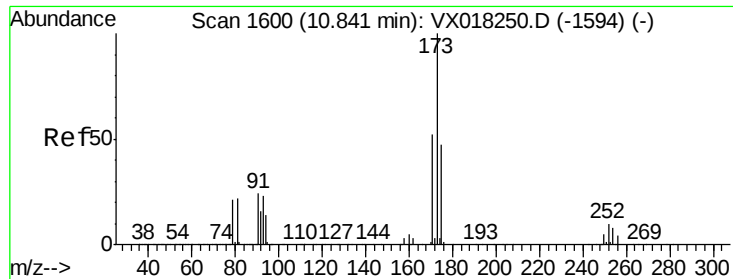
#54
 1,2-Dibromoethane
 Concen: 108.685 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018360.D
 Acq: 11 Sep 2020 14:30

Tgt Ion:	107	Resp:	561160
Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.8	116.6



Abundance Ion 107.00 (106.70 to 107.70): V

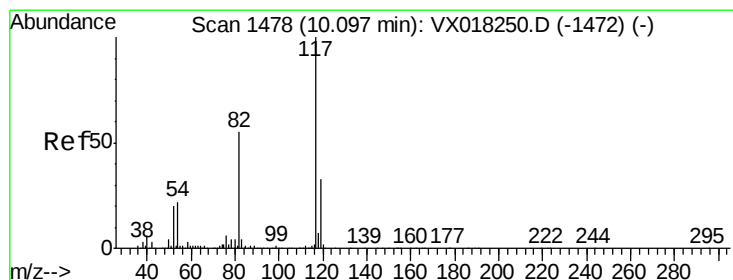
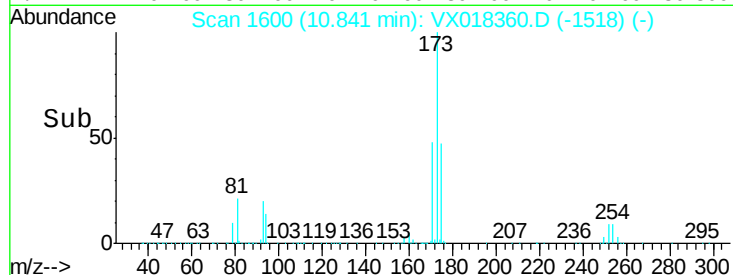
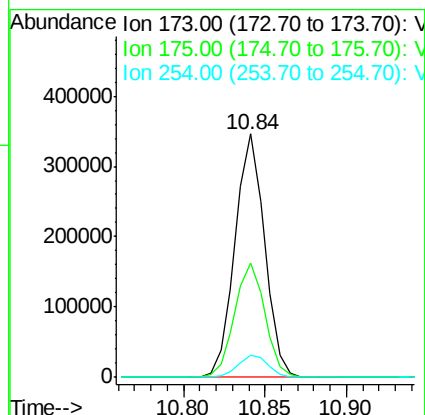
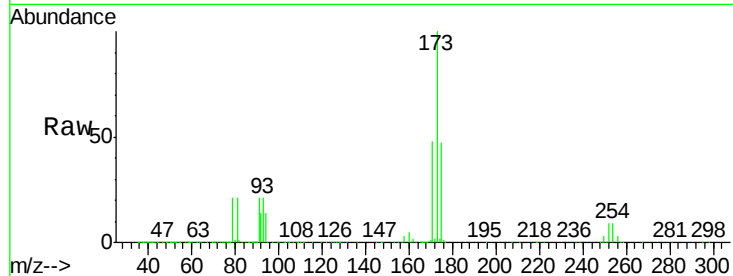




#56
Bromoform
Concen: 98.384 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018360.D
Acq: 11 Sep 2020 14:30

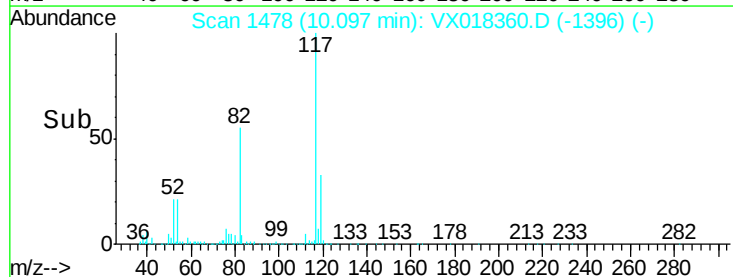
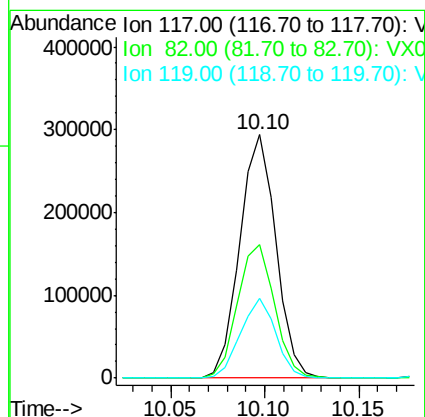
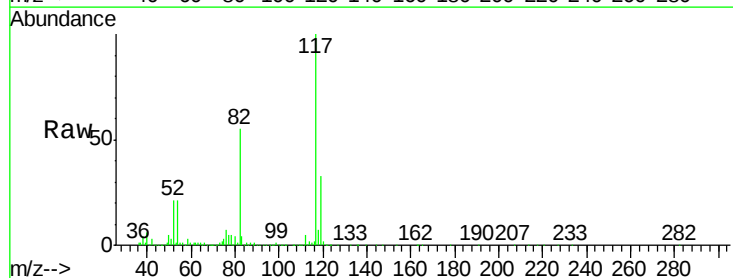
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

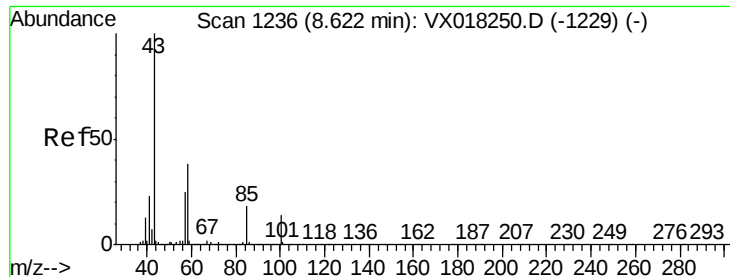
Tot Ion:173 Resp: 437456
Ion Ratio Lower Upper
173 100
175 48.3 40.2 60.2
254 9.2 7.3 10.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018360.D
Acq: 11 Sep 2020 14:30

Tgt Ion:117 Resp: 390649
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 32.4 26.1 39.1

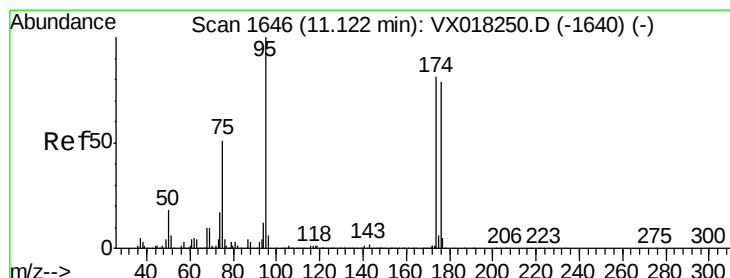
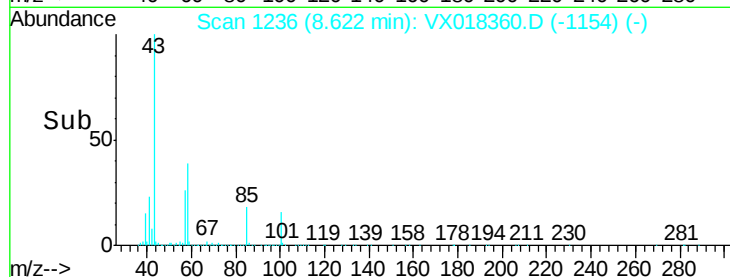
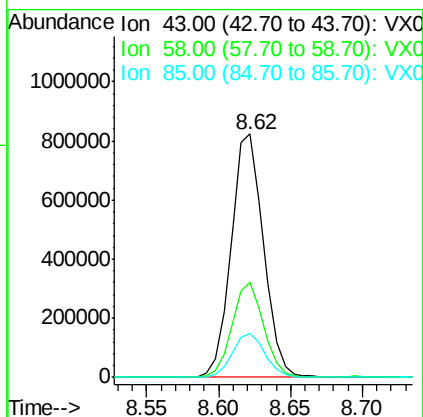
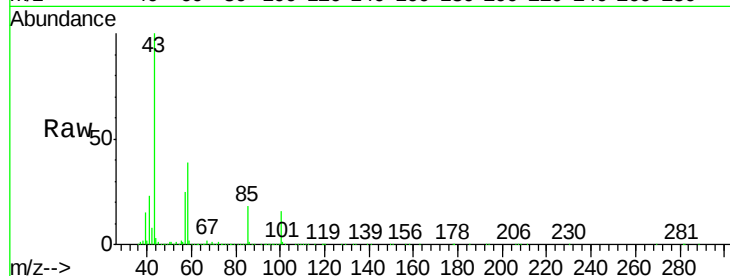




#58
4-Methyl-2-Pentanone
Concen: 192.093 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018360.D
Acq: 11 Sep 2020 14:30

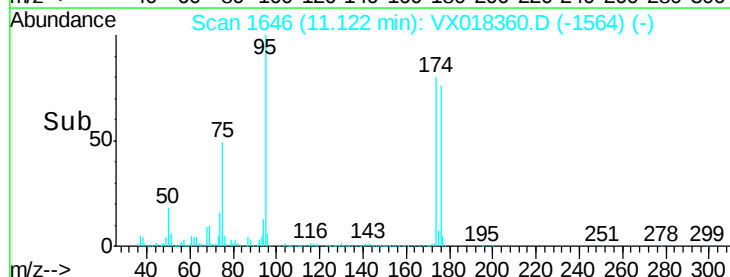
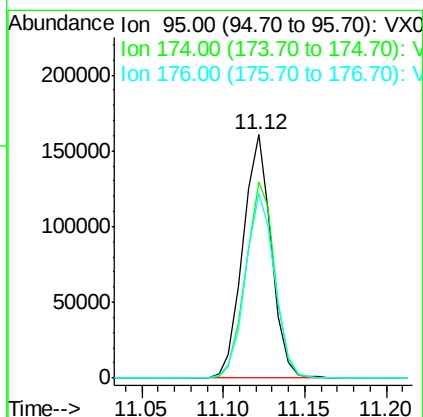
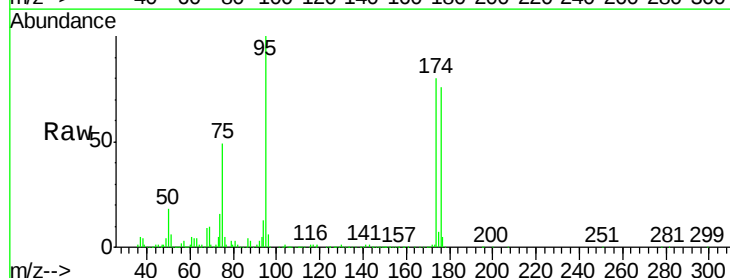
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

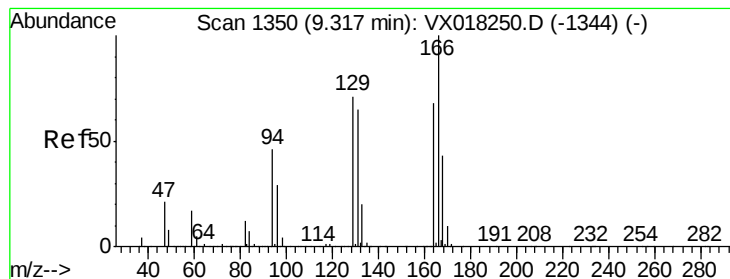
Tot Ion: 43 Resp: 1290688
Ion Ratio Lower Upper
43 100
58 38.1 30.0 45.0
85 18.1 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 28.788 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018360.D
Acq: 11 Sep 2020 14:30

Tgt Ion: 95 Resp: 194922
Ion Ratio Lower Upper
95 100
174 82.9 64.2 96.4
176 78.6 62.2 93.4





#61

Tetrachloroethene

Concen: 97.874 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

Tot Ion:164 Resp: 476849

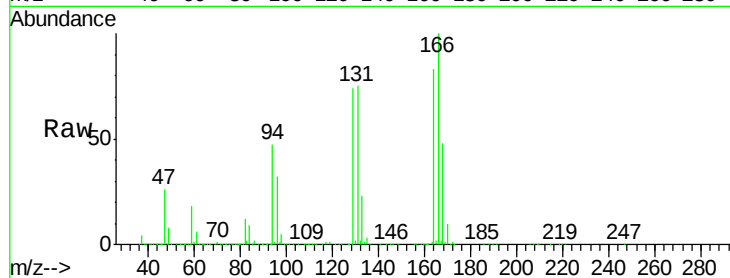
Ion Ratio Lower Upper

164 100

166 120.5 117.4 176.0

129 89.3 82.7 124.1

131 90.8 76.7 115.1

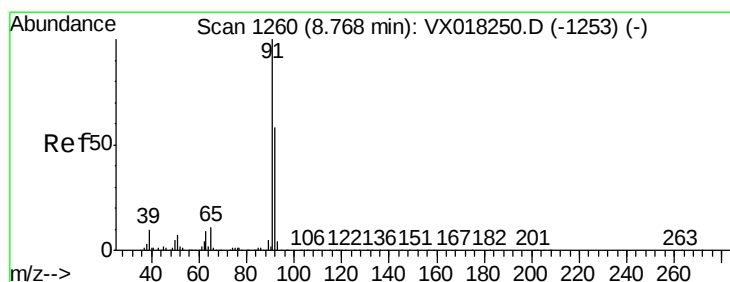
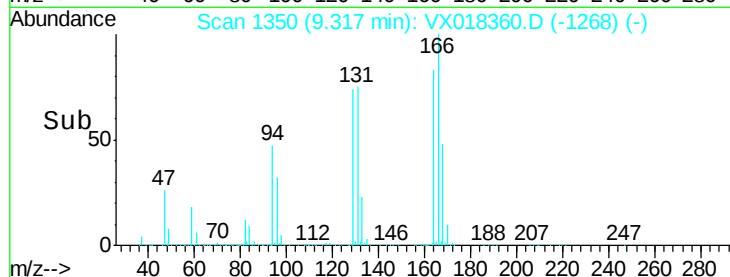
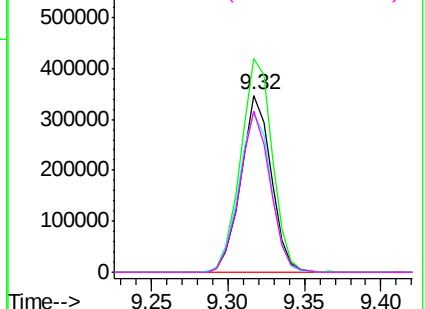


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 52.312 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018360.D

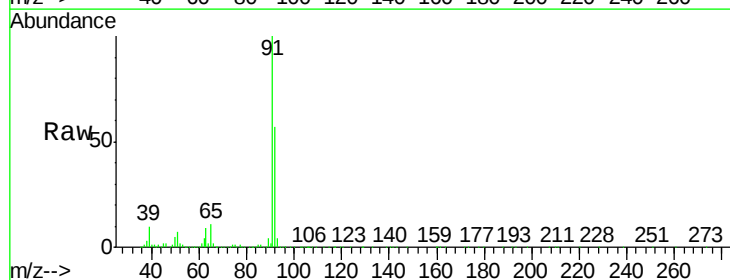
Acq: 11 Sep 2020 14:30

Tgt Ion: 91 Resp: 1028452

Ion Ratio Lower Upper

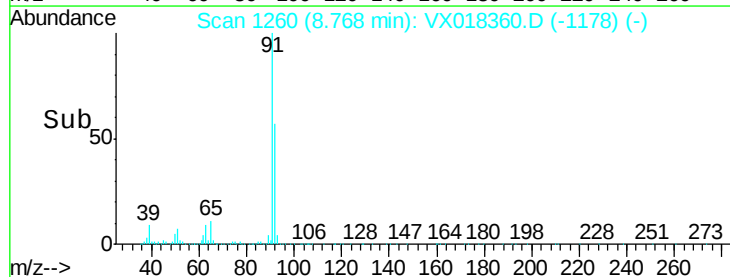
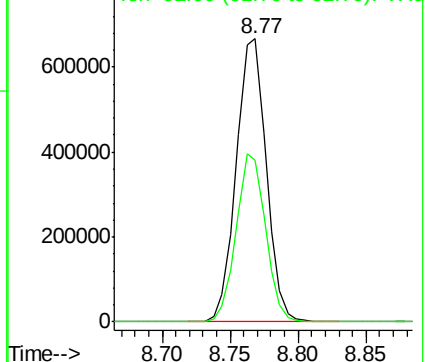
91 100

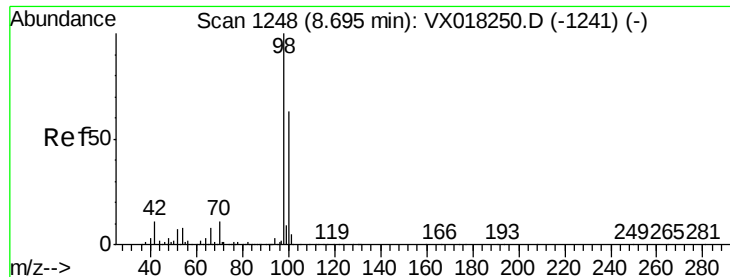
92 58.3 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.876 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

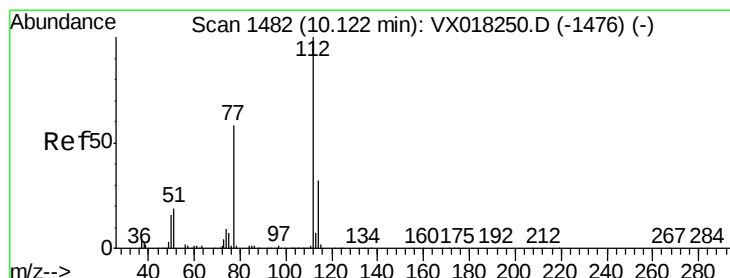
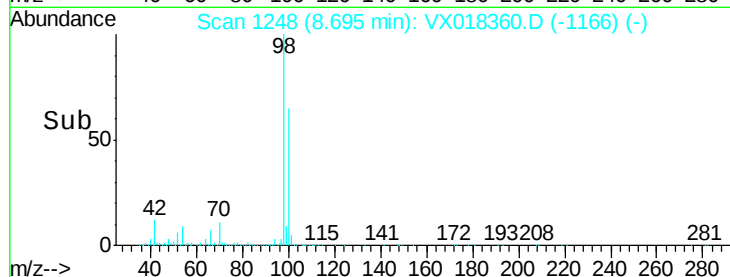
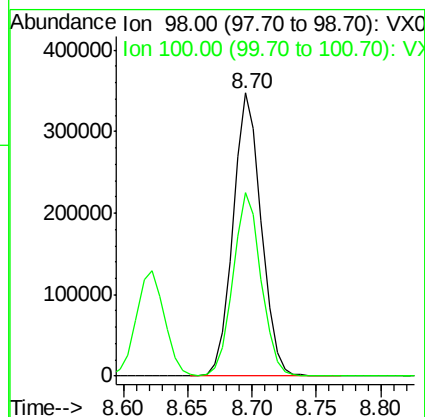
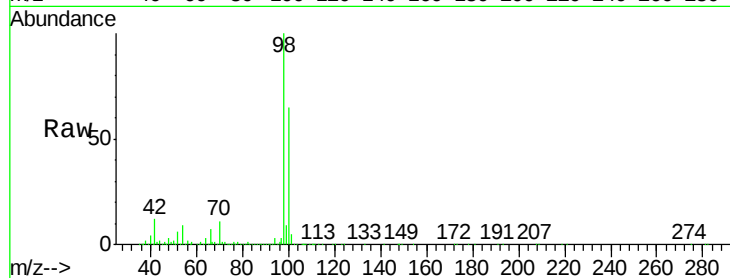
PT-VOA-WP

Tot Ion: 98 Resp: 531624

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



#64

Chlorobenzene

Concen: 80.446 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018360.D

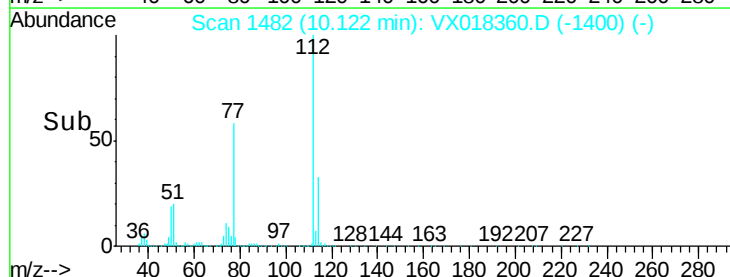
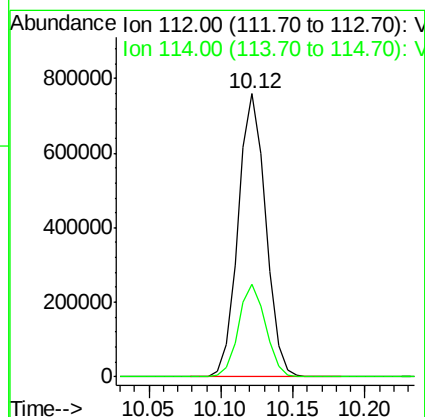
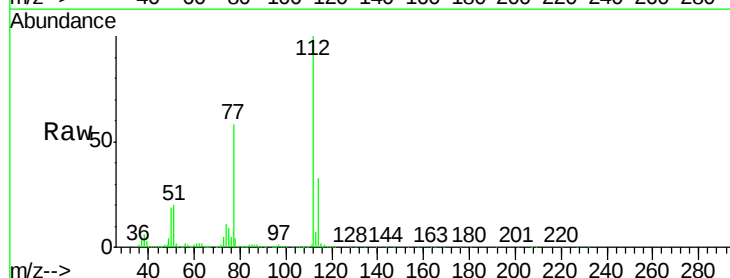
Acq: 11 Sep 2020 14:30

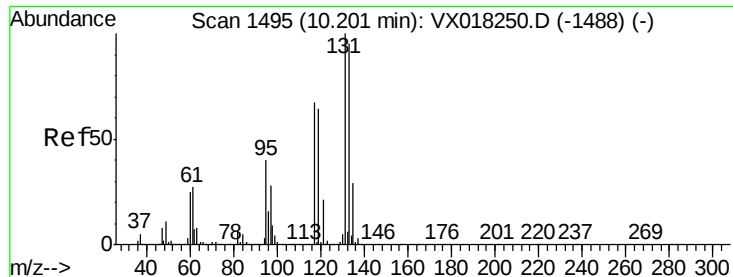
Tgt Ion: 112 Resp: 1016353

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 126.614 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

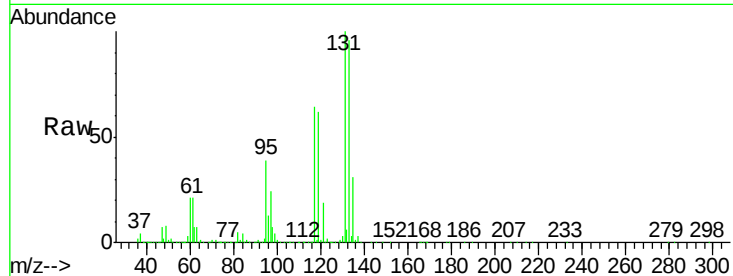
Tot Ion:131 Resp: 647842

Ion Ratio Lower Upper

131 100

133 95.6 0.0 197.2

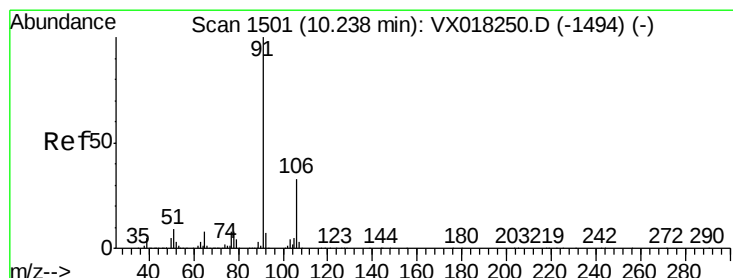
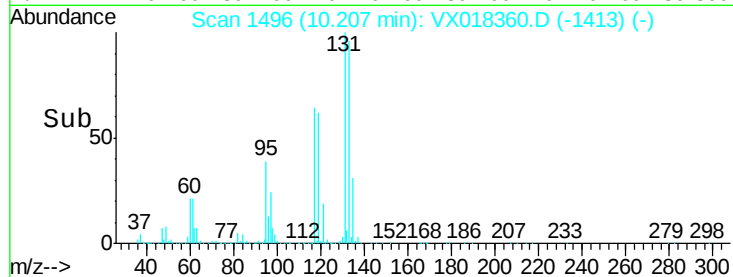
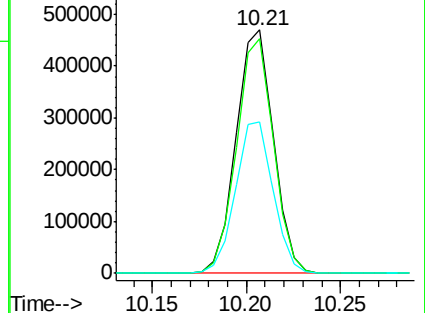
119 62.7 0.0 129.8



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: 106.040 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018360.D

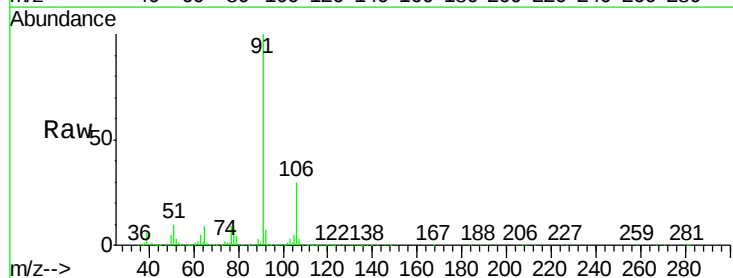
Acq: 11 Sep 2020 14:30

Tgt Ion: 91 Resp: 2303556

Ion Ratio Lower Upper

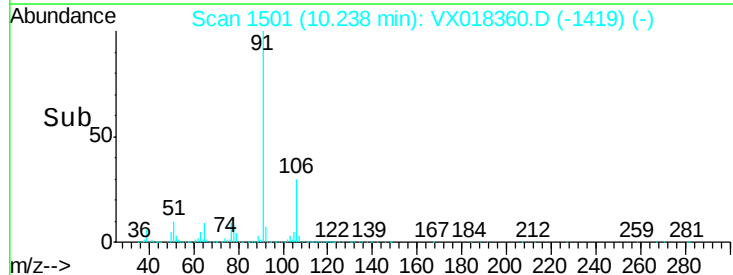
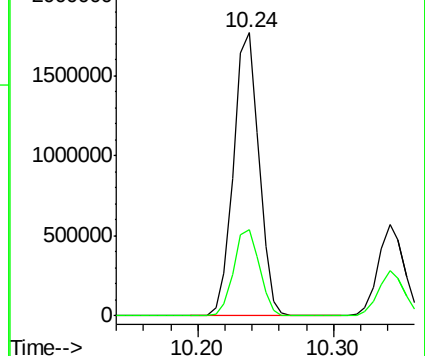
91 100

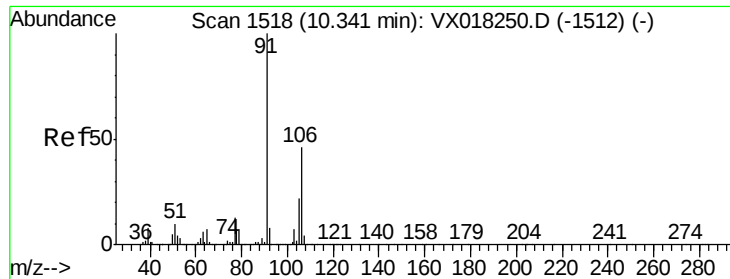
106 30.3 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 44.340 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

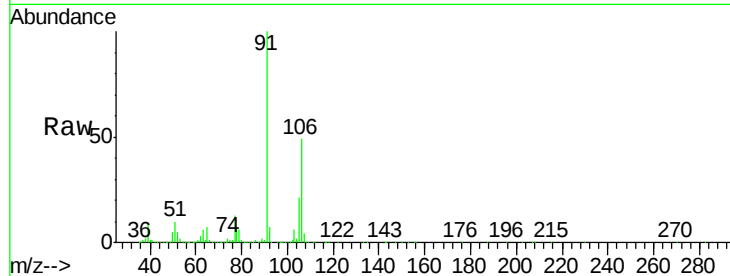
PT-VOA-WP

Tot Ion:106 Resp: 368355

Ion Ratio Lower Upper

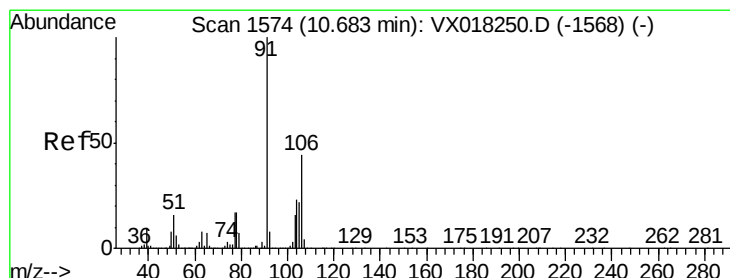
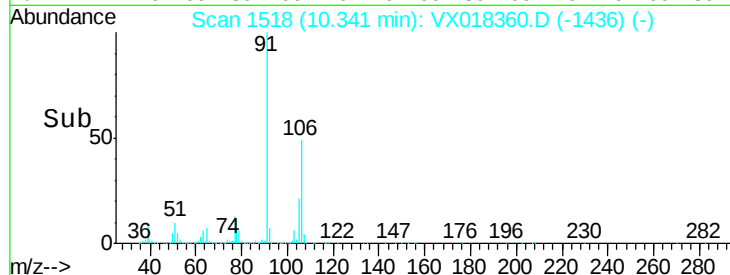
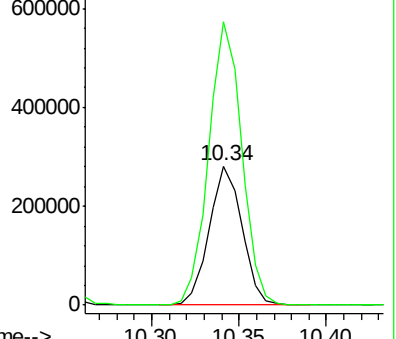
106 100

91 204.8 166.2 249.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 70.811 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018360.D

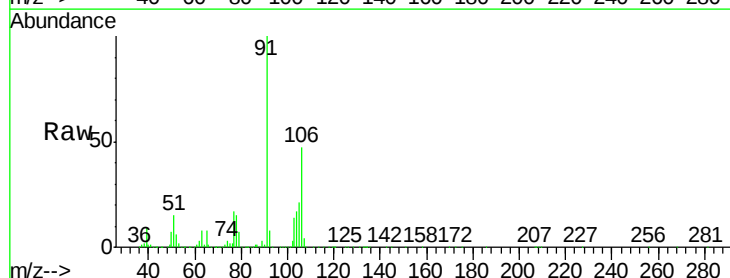
Acq: 11 Sep 2020 14:30

Tgt Ion:106 Resp: 555848

Ion Ratio Lower Upper

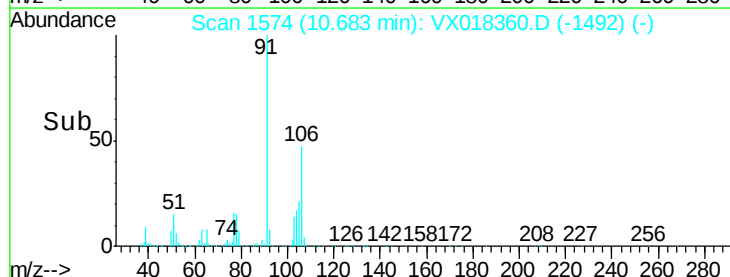
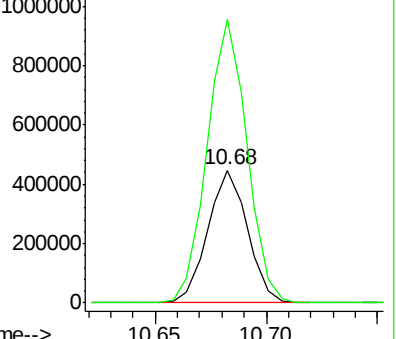
106 100

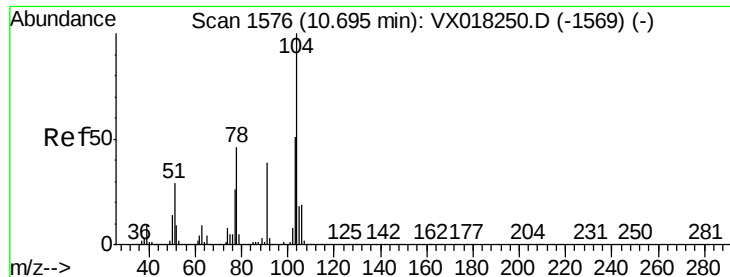
91 214.4 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 50.531 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

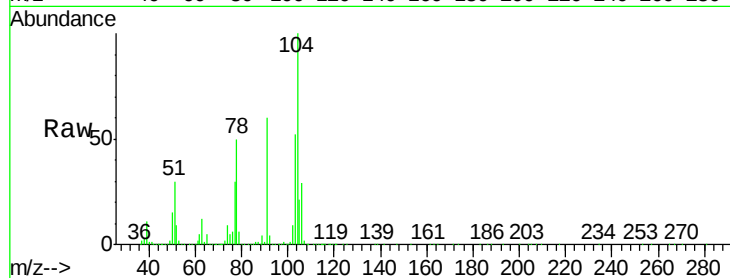
Tot Ion:104 Resp: 692036

Ion Ratio Lower Upper

104 100

78 56.3 41.7 62.5

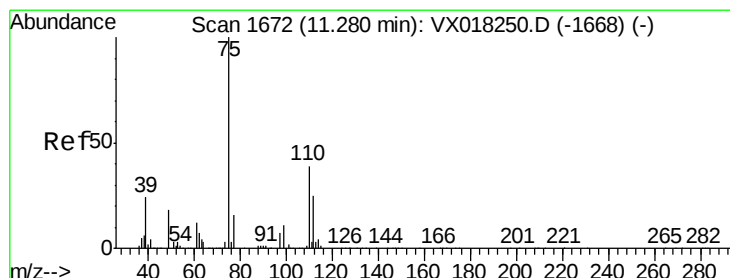
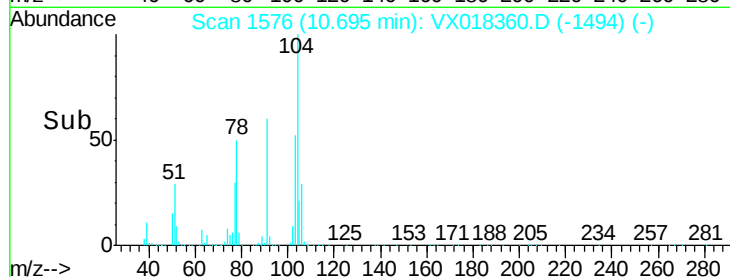
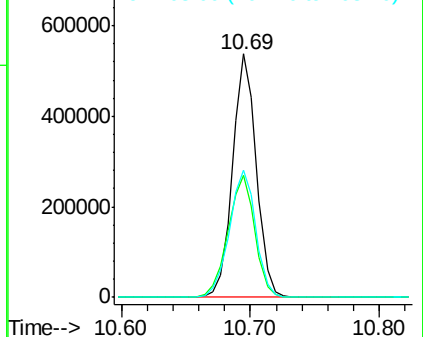
103 58.3 44.2 66.2



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



#72

1,2,3-Trichloropropane

Concen: 77.739 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018360.D

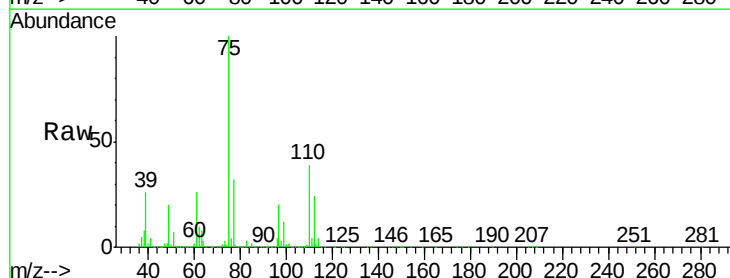
Acq: 11 Sep 2020 14:30

Tgt Ion: 75 Resp: 532816

Ion Ratio Lower Upper

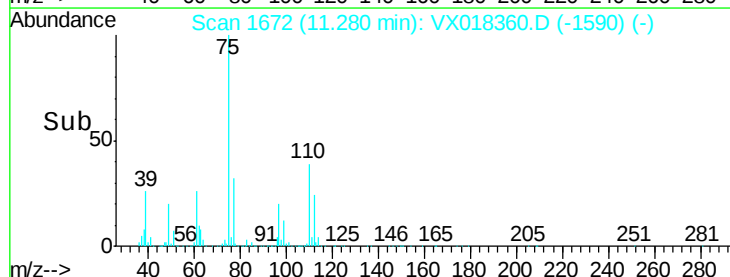
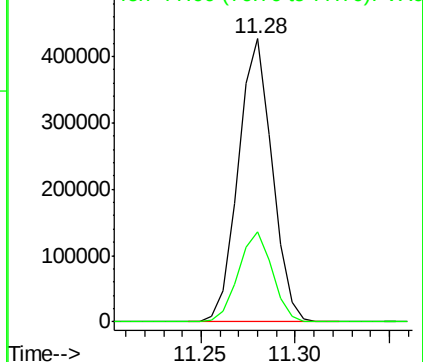
75 100

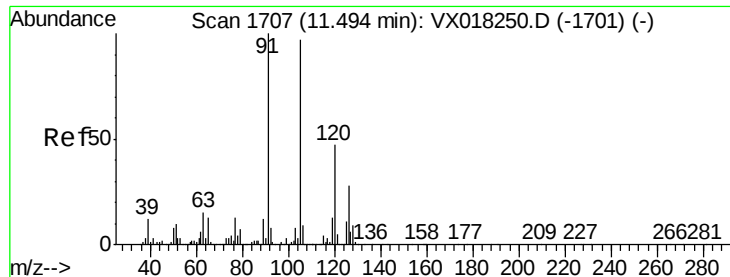
77 31.9 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#76

1,3,5-Trimethylbenzene

Concen: 89.320 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

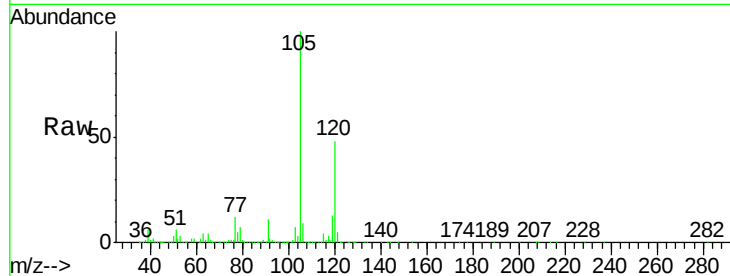
PT-VOA-WP

Tot Ion:105 Resp: 1698642

Ion Ratio Lower Upper

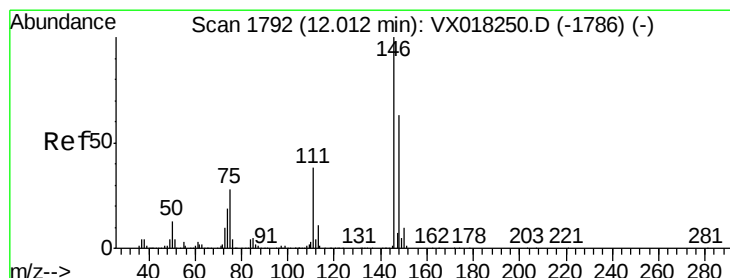
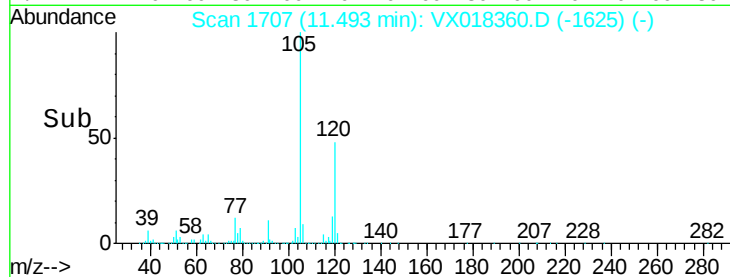
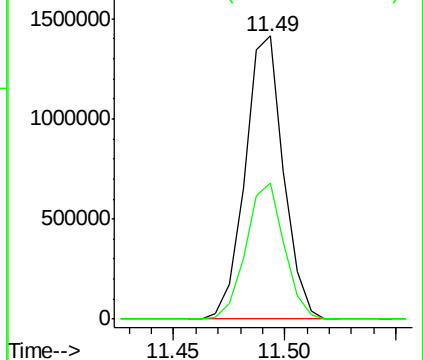
105 100

120 47.7 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

1,3-Dichlorobenzene

Concen: 42.677 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

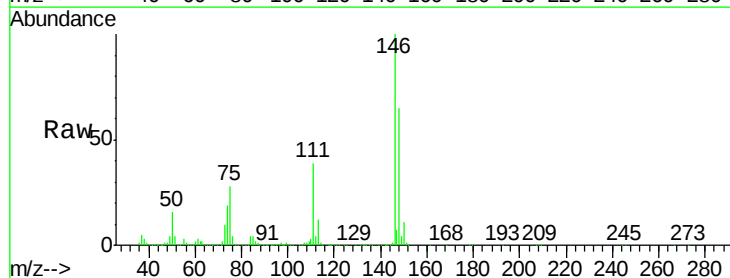
Tgt Ion:146 Resp: 456345

Ion Ratio Lower Upper

146 100

111 40.5 20.0 59.9

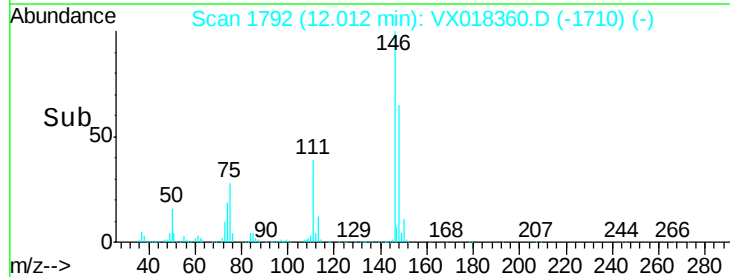
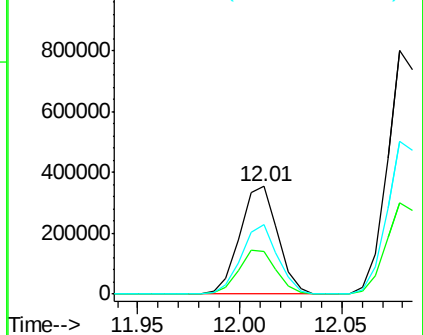
148 62.2 32.1 96.3

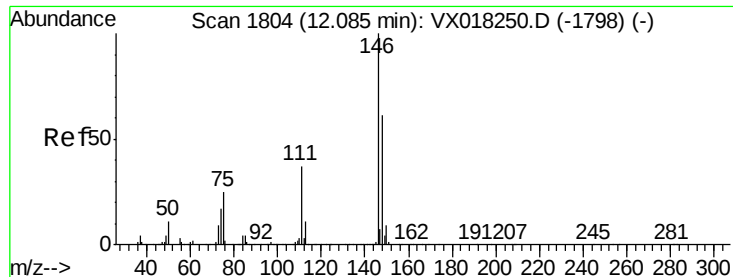


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 90.620 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampled :

PT-VOA-WP

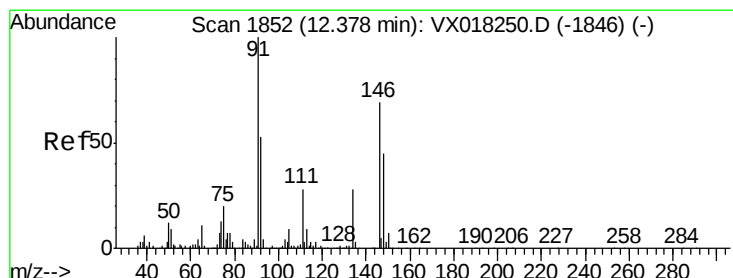
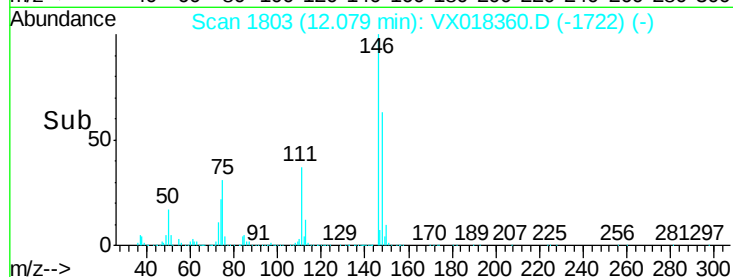
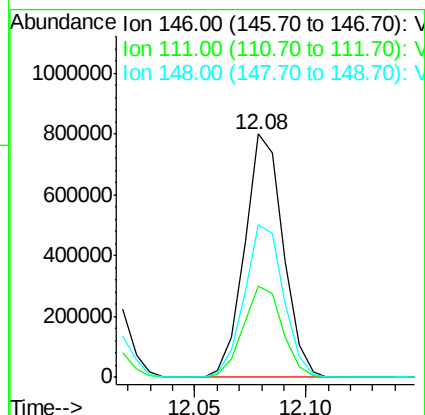
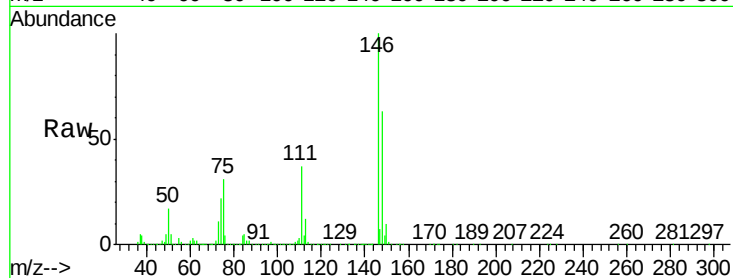
Tot Ion:146 Resp: 968888

Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.8

148 63.7 31.7 95.1



#87

1,2-Dichlorobenzene

Concen: 43.323 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

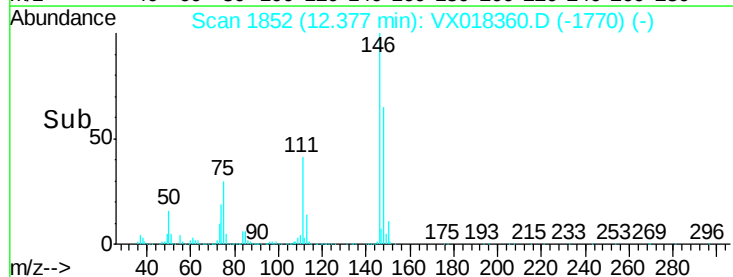
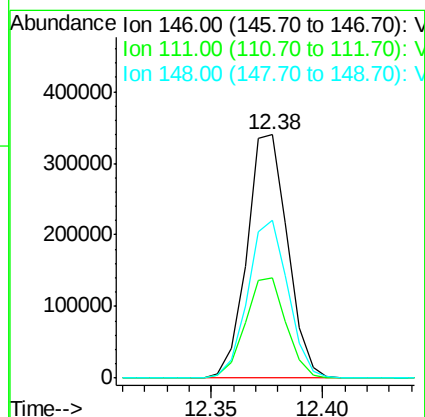
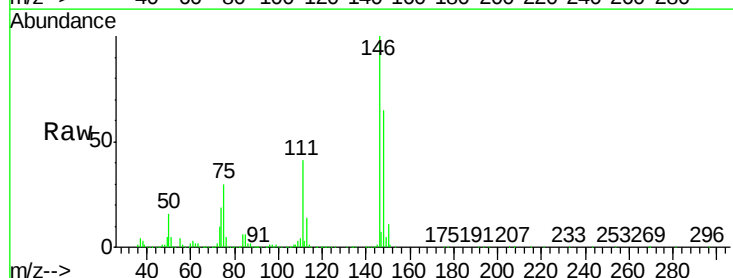
Tgt Ion:146 Resp: 433786

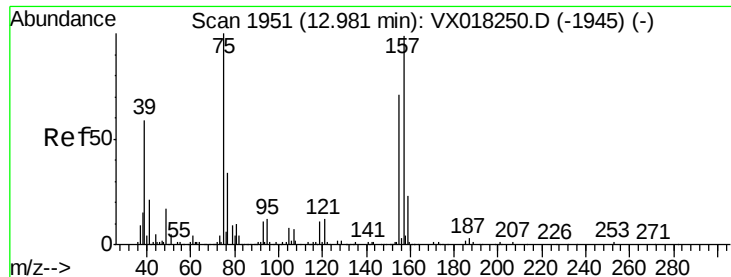
Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

148 64.1 32.0 96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 34.200 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

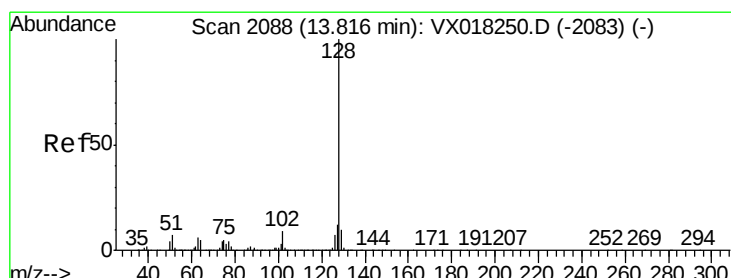
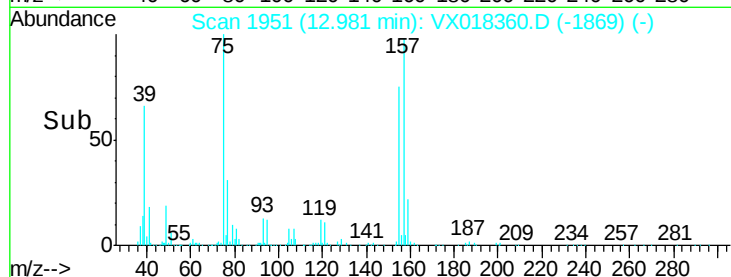
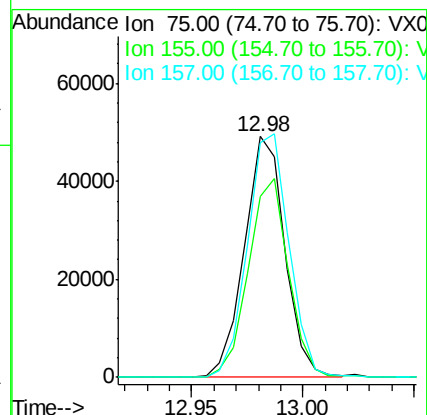
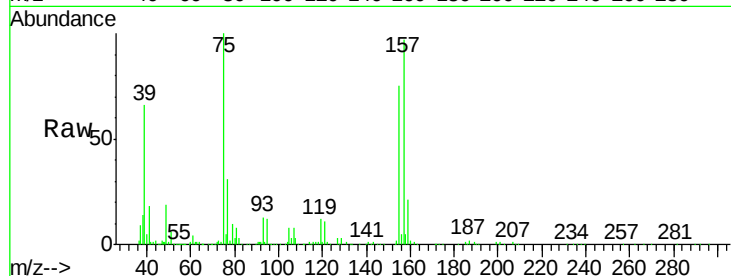
Tot Ion: 75 Resp: 62412

Ion Ratio Lower Upper

75 100

155 82.1 63.4 95.2

157 104.3 87.0 130.6



#91

Naphthalene

Concen: 77.624 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018360.D

Acq: 11 Sep 2020 14:30

Tgt Ion:128 Resp: 1641078

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.7 13.1

