

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015329.D
 Acq On : 18 Mar 2020 16:26
 Operator : JC/SP
 Sample : L1798-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 19 03:38:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	603289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1024521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1007910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	482226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	346495	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	5.48	113	329298	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.71	98	1239657	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	456149	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	520874	71.744	ug/l	97
5) Bromomethane	1.64	94	169571	79.466	ug/l	99
10) Methyl Iodide	2.50	142	51193	10.476	ug/l	94
16) Acetone	2.43	43	523723	186.586	ug/l	99
17) Carbon Disulfide	2.56	76	8065	0.395	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	2271557	102.797	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1675147	119.962	ug/l	99
25) 2-Butanone	4.65	43	518348	108.969	ug/l	98
30) Chloroform	5.20	83	784780	55.710	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	262765	22.607	ug/l	99
38) Carbon Tetrachloride	5.78	117	843728	91.375	ug/l	94
40) Benzene	6.13	78	648600	21.966	ug/l	98
44) Trichloroethene	7.20	130	41876	5.167	ug/l	91
46) Dibromomethane	7.65	93	181197	37.151	ug/l	99
47) Bromodichloromethane	7.89	83	396395	43.277	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	579783	70.173	ug/l	99
52) Toluene	8.78	92	490031	27.022	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1094591	111.691	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	382101	34.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.22	63	780	Below Cal		98
59) 2-Hexanone	9.48	43	361511	58.869	ug/l	96
60) Dibromochloromethane	9.57	129	633348	84.602	ug/l	98
64) Tetrachloroethene	9.33	164	4068	0.555	ug/l	93
65) Chlorobenzene	10.14	112	2127407	100.174	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	209328	27.282	ug/l	100
67) Ethyl Benzene	10.25	91	2797529	77.329	ug/l	98
68) m/p-Xylenes	10.36	106	1131095	82.007	ug/l	100
69) o-Xylene	10.70	106	1175238	88.603	ug/l	100
70) Styrene	10.71	104	1865378	84.365	ug/l	99
71) Bromoform	10.86	173	5226	1.042	ug/l #	98
73) Isopropylbenzene	11.01	105	7836	0.216	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	1422521	126.542	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	651140	66.076	ug/l	84
87) 1,3-Dichlorobenzene	12.02	146	1187700	74.075	ug/l	99

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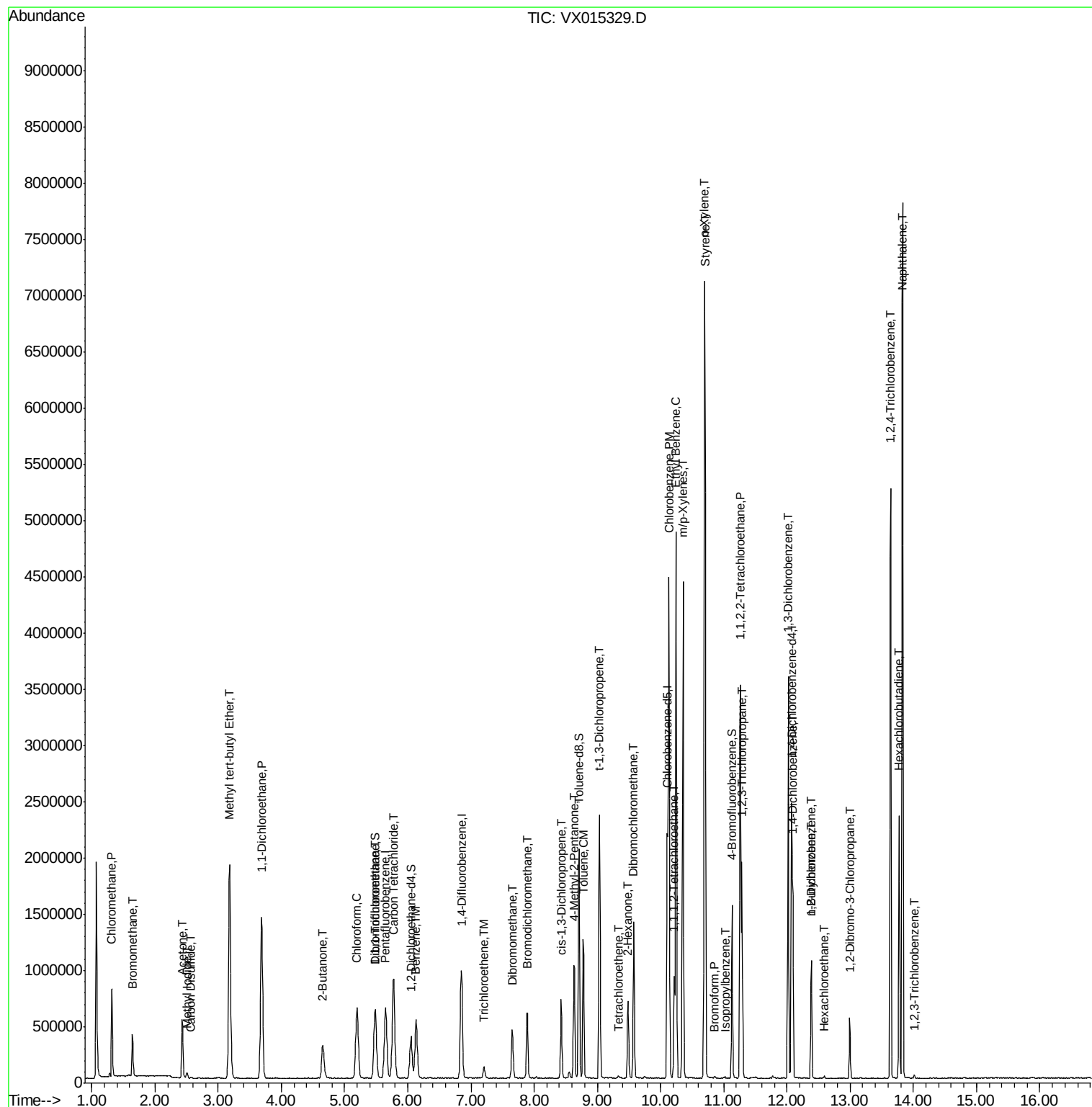
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.09	146	515978	30.897	ug/l	99
89) n-Butylbenzene	12.39	91	6282	0.216	ug/l	90
90) Hexachloroethane	12.59	117	4745	0.800	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	346589	21.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	107122	48.185	ug/l	92
93) 1,2,4-Trichlorobenzene	13.64	180	1238360	128.532	ug/l	98
94) Hexachlorobutadiene	13.78	225	309718	76.455	ug/l	98
95) Naphthalene	13.83	128	4905073	153.796	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	7782	0.825	ug/l	94

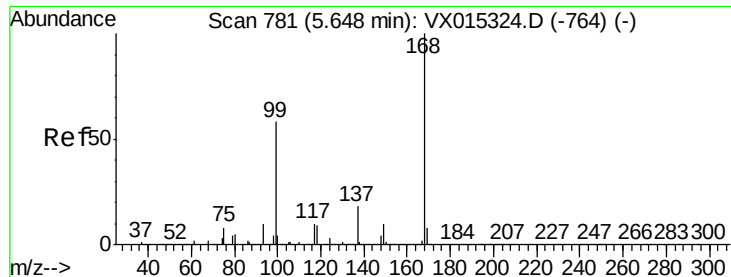
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

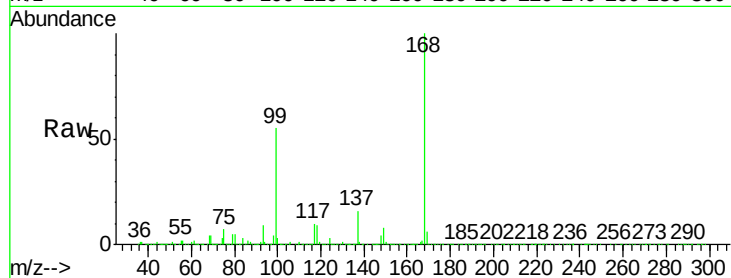
PT-VOA-WP

Tot Ion:168 Resp: 603289

Ion Ratio Lower Upper

168 100

99 55.2 47.0 70.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

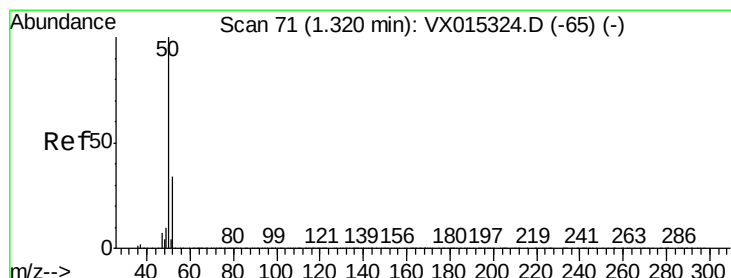
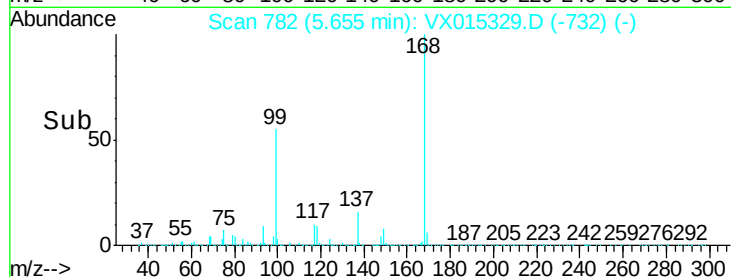
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 71.744 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015329.D

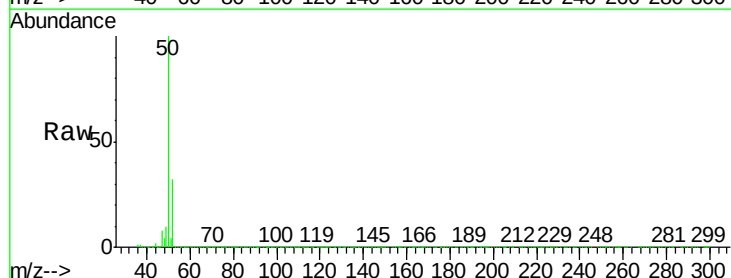
Acq: 18 Mar 2020 16:26

Tgt Ion: 50 Resp: 520874

Ion Ratio Lower Upper

50 100

52 32.3 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

500000

400000

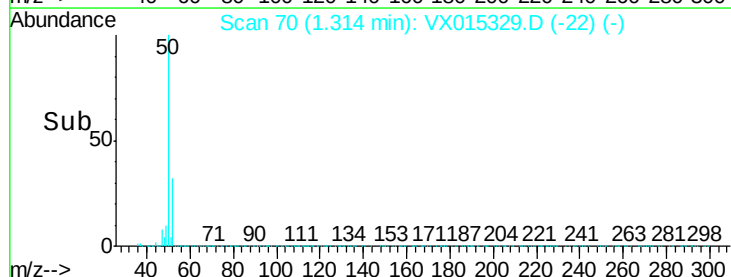
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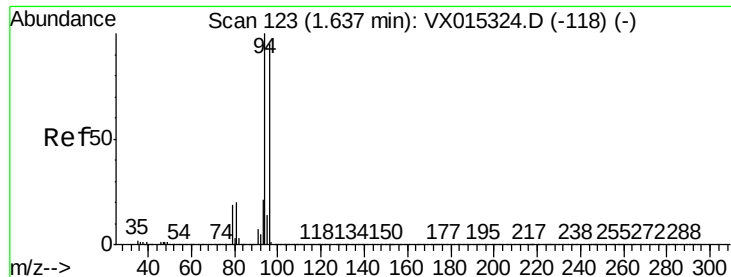
200000

100000

0

Time-->





#5

Bromomethane

Concen: 79.466 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

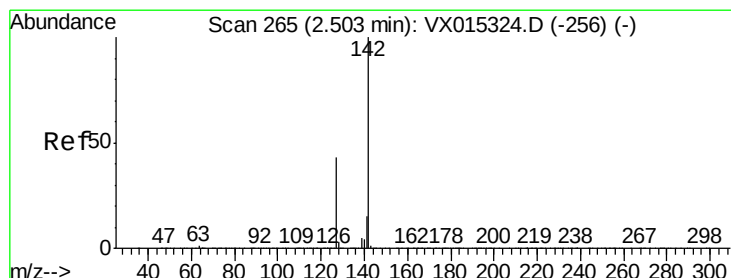
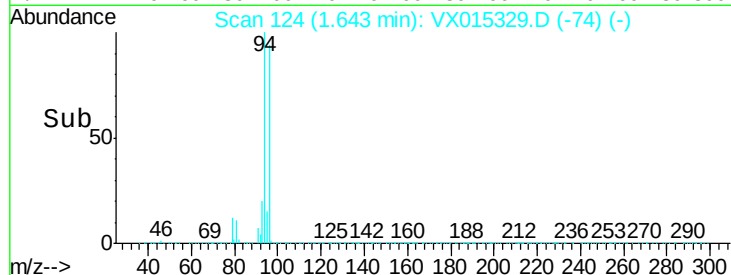
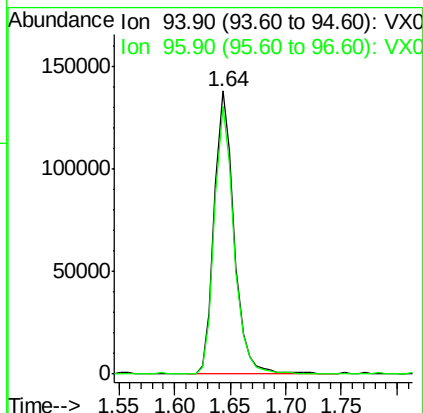
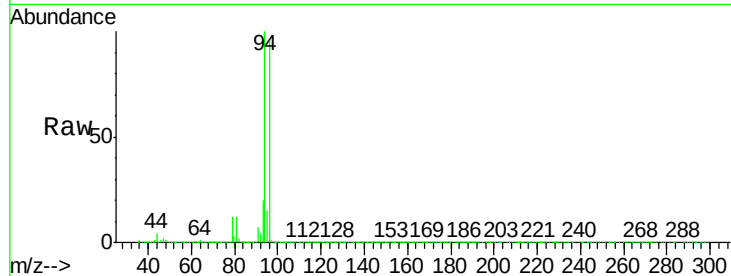
PT-VOA-WP

Tot Ion: 94 Resp: 169571

Ion Ratio Lower Upper

94 100

96 94.5 76.5 114.7



#10

Methyl Iodide

Concen: 10.476 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

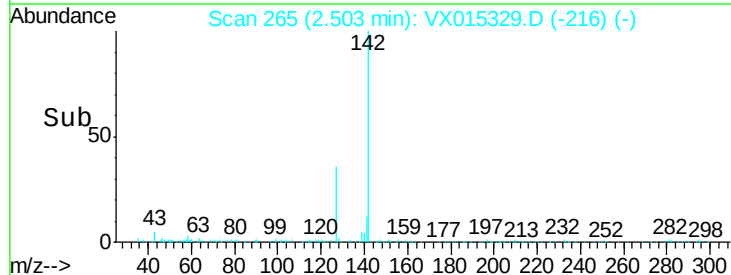
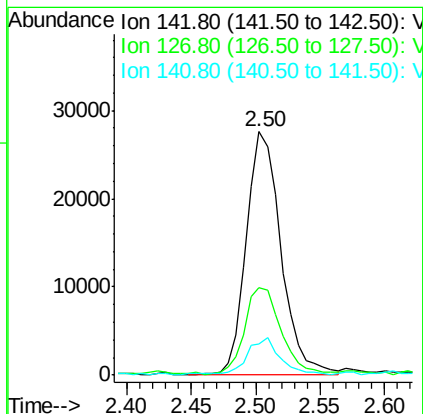
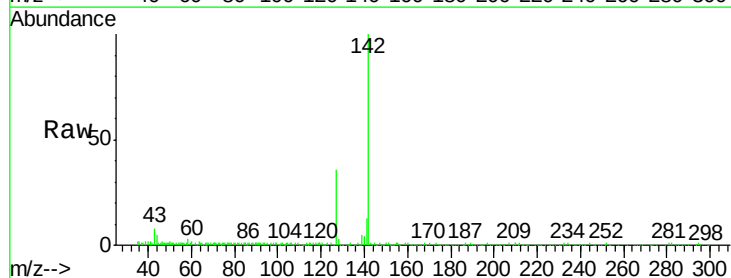
Tgt Ion: 142 Resp: 51193

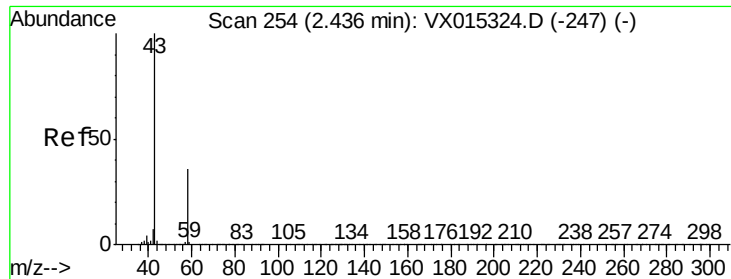
Ion Ratio Lower Upper

142 100

127 37.8 33.6 50.4

141 13.3 11.9 17.9





#16

Acetone

Concen: 186.586 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

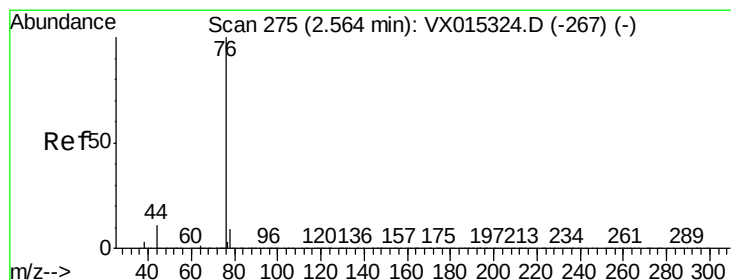
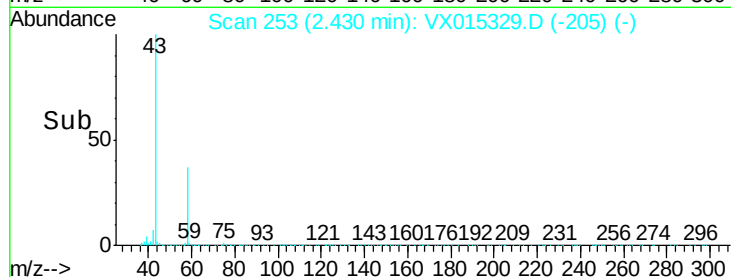
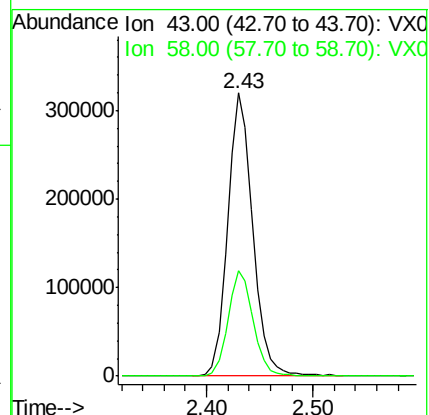
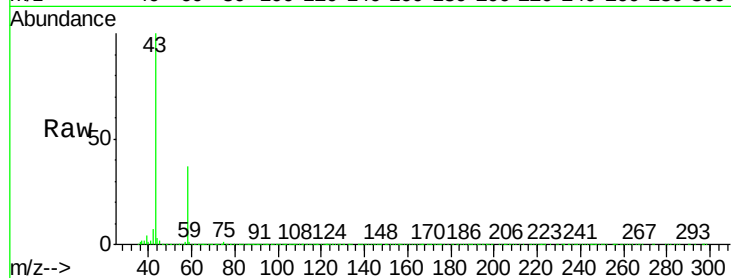
PT-VOA-WP

Tot Ion: 43 Resp: 523723

Ion Ratio Lower Upper

43 100

58 37.0 29.0 43.4



#17

Carbon Disulfide

Concen: 0.395 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015329.D

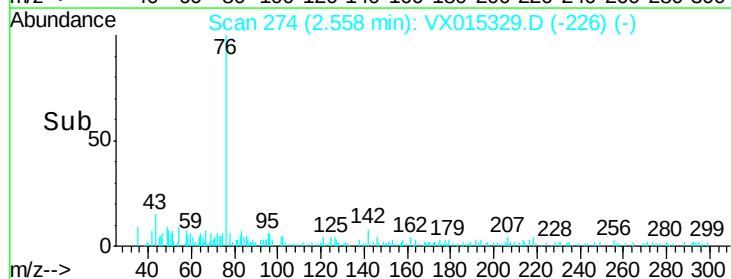
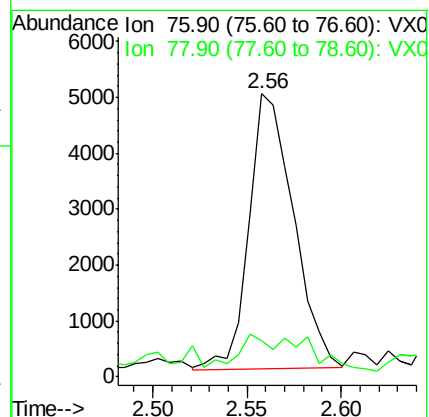
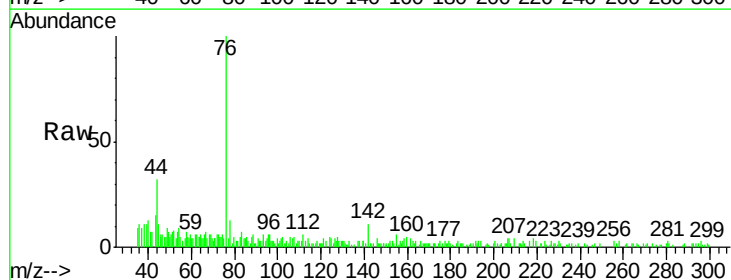
Acq: 18 Mar 2020 16:26

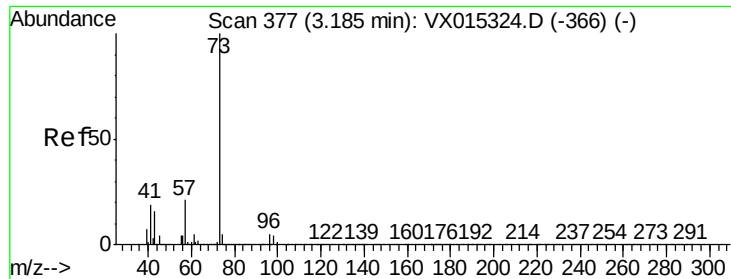
Tgt Ion: 76 Resp: 8065

Ion Ratio Lower Upper

76 100

78 8.2 7.2 10.8



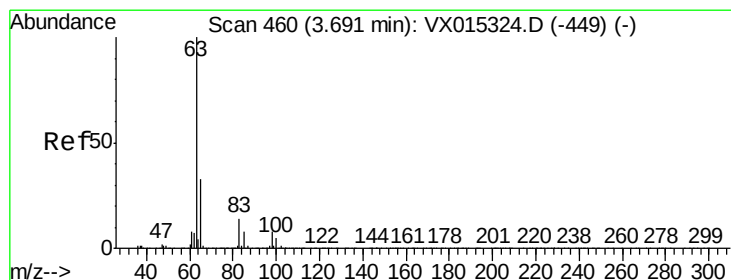
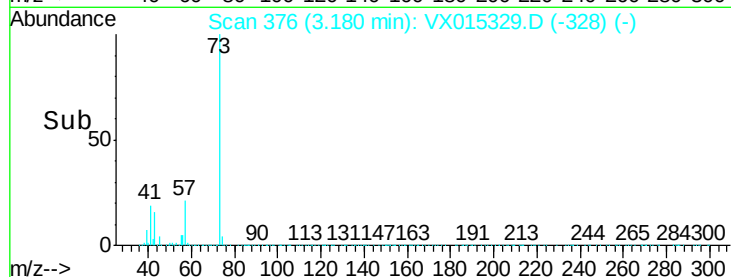
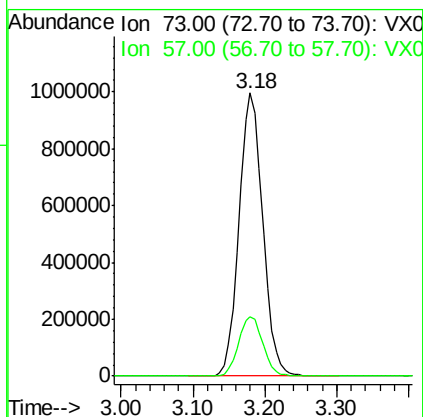
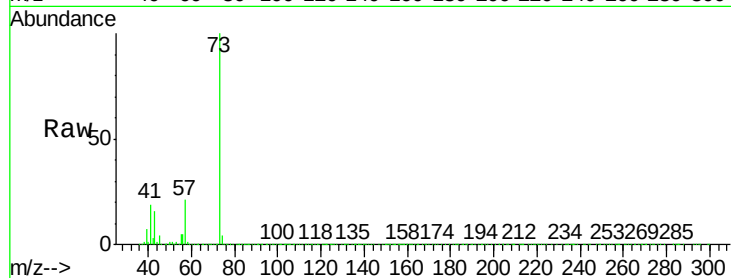


#19

Methyl tert-butyl Ether
 Concen: 102.797 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015329.D
 Acq: 18 Mar 2020 16:26

Instrument :
 MSVOA_X
 ClientSampled :
 PT-VOA-WP

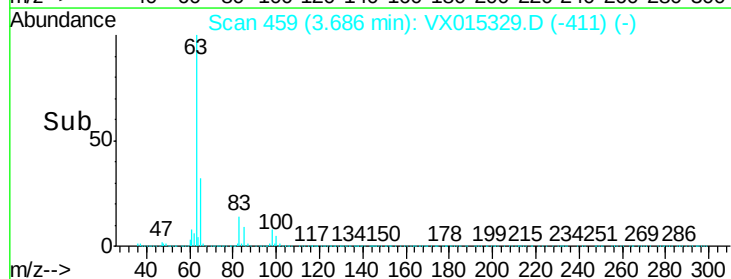
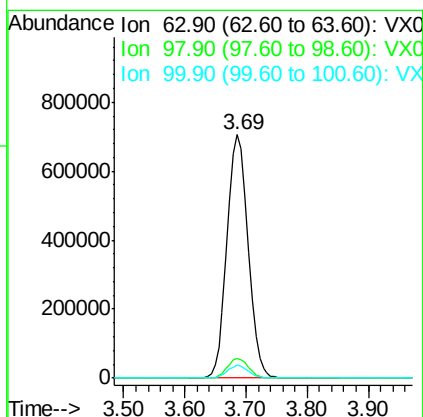
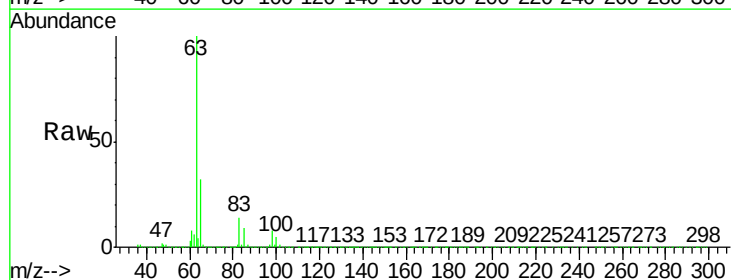
Tot Ion: 73 Resp: 2271557
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.8 25.2

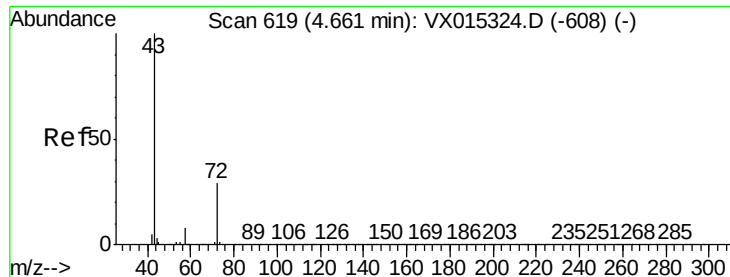


#24

1,1-Dichloroethane
 Concen: 119.962 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015329.D
 Acq: 18 Mar 2020 16:26

Tgt Ion: 63 Resp: 1675147
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 108.969 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

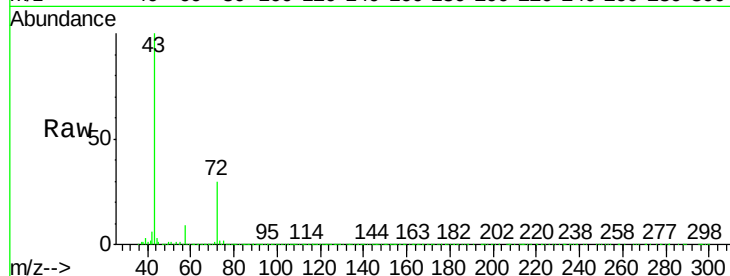
PT-VOA-WP

Tot Ion: 43 Resp: 518348

Ion Ratio Lower Upper

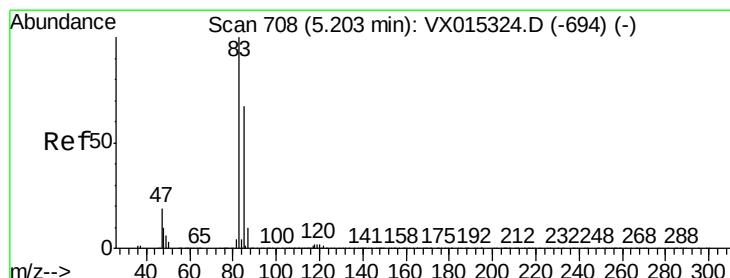
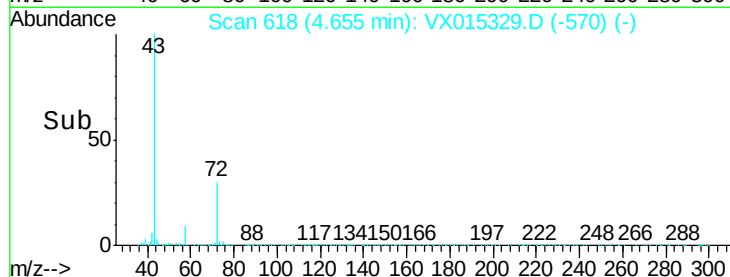
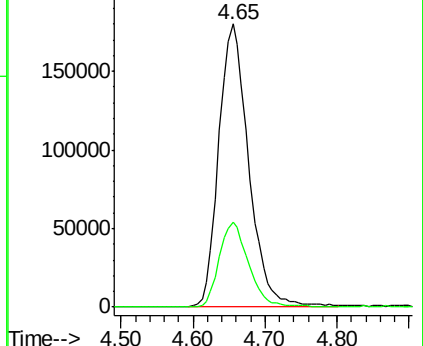
43 100

72 30.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 55.710 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015329.D

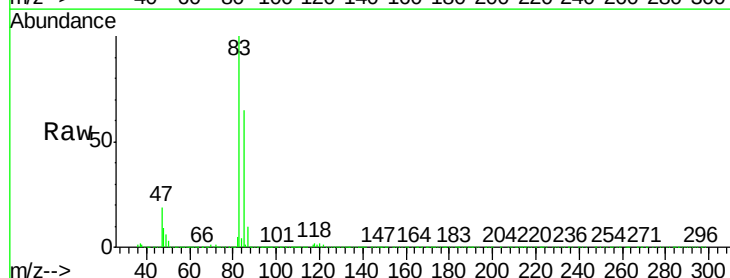
Acq: 18 Mar 2020 16:26

Tgt Ion: 83 Resp: 784780

Ion Ratio Lower Upper

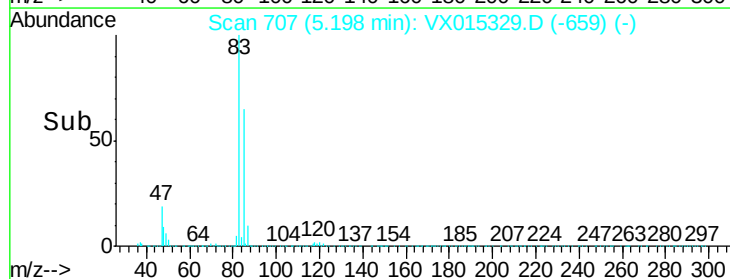
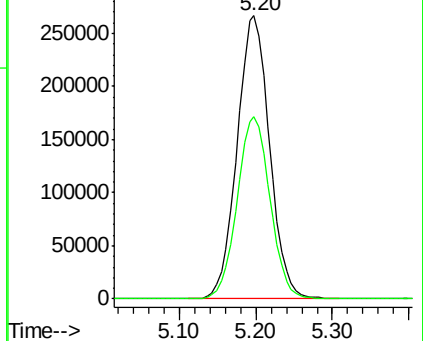
83 100

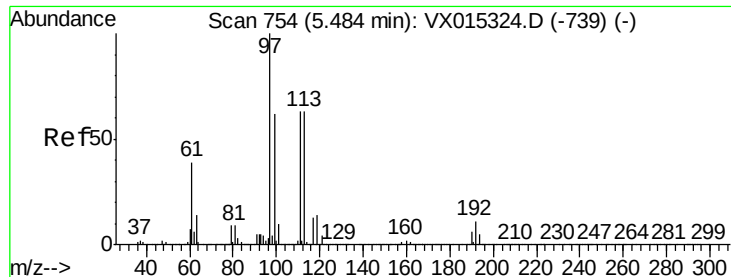
85 64.5 53.8 80.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 22.607 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

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ClientSampleId :

PT-VOA-WP

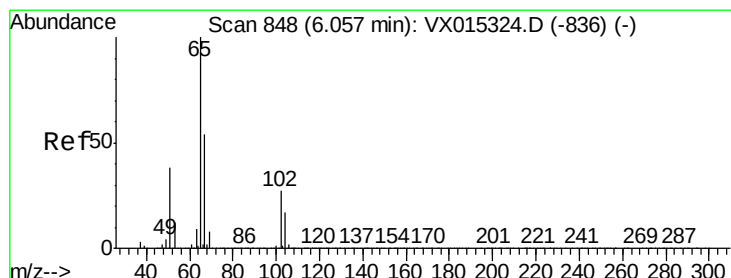
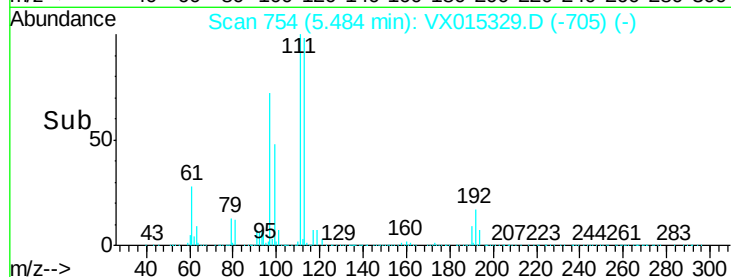
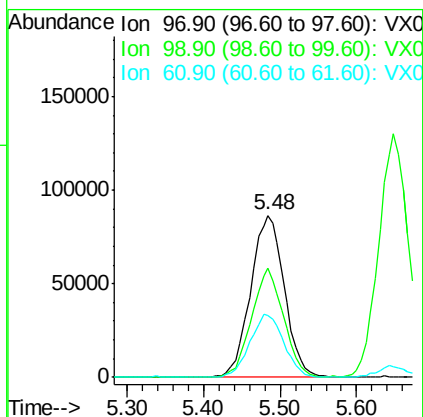
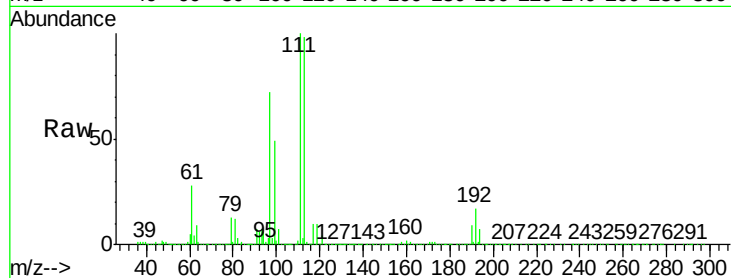
Tot Ion: 97 Resp: 262765

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 38.8 31.7 47.5



#33

1,2-Dichloroethane-d4

Concen: 46.441 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015329.D

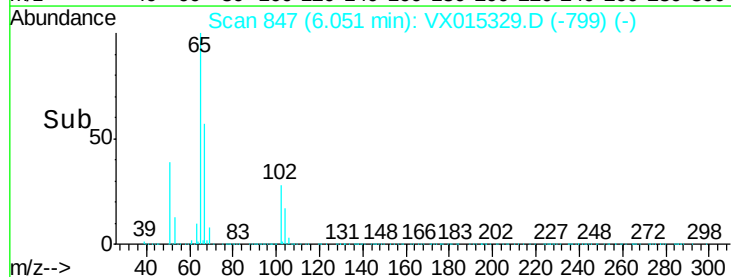
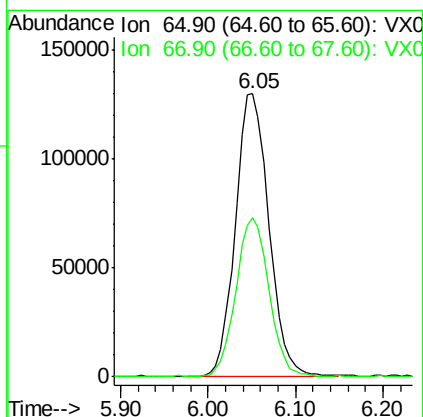
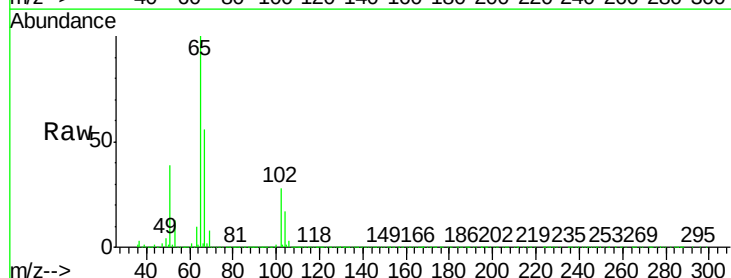
Acq: 18 Mar 2020 16:26

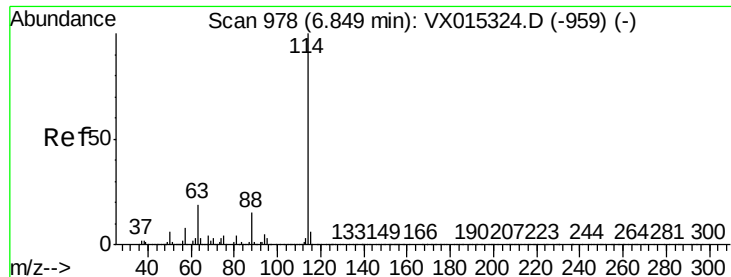
Tgt Ion: 65 Resp: 346495

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.6

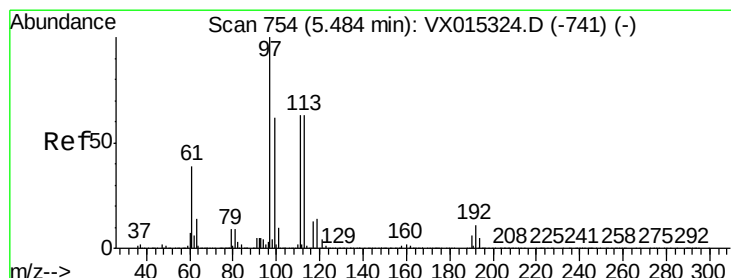
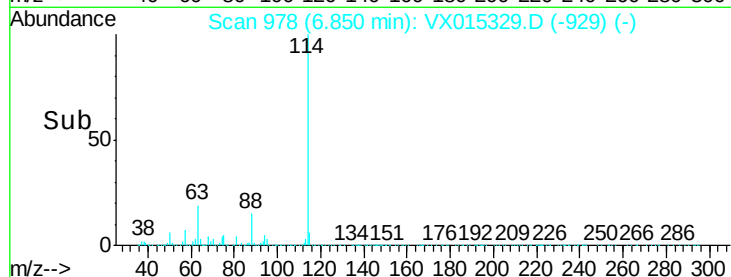
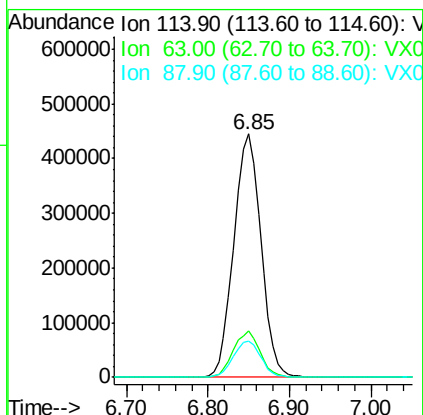
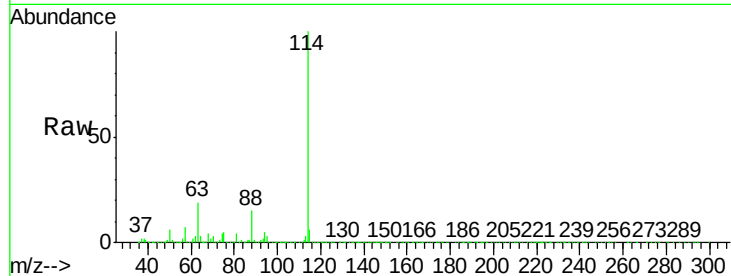




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

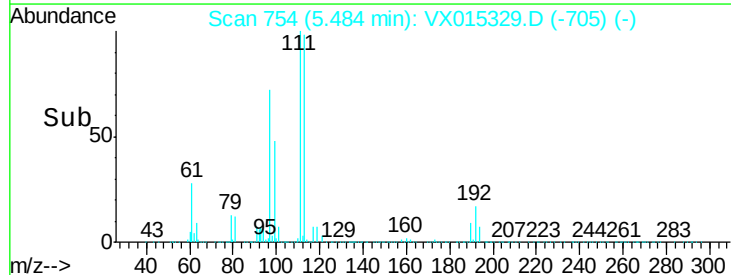
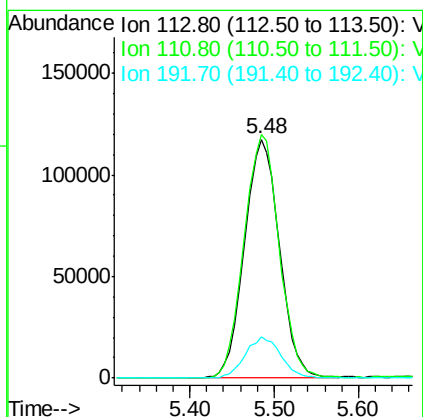
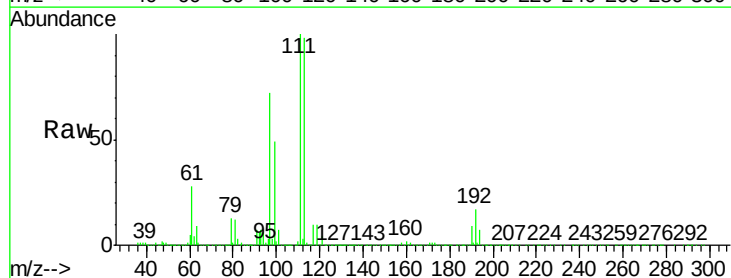
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

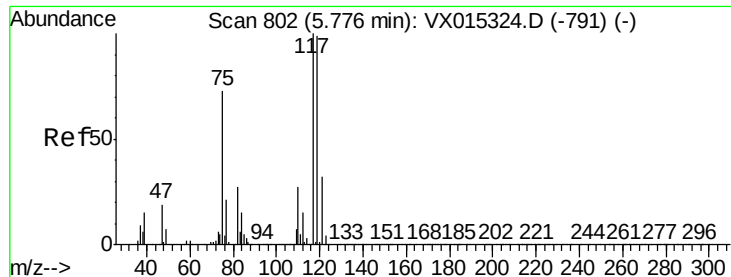
Tot Ion:114 Resp: 1024521
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.325 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion:113 Resp: 329298
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 17.7 14.2 21.2

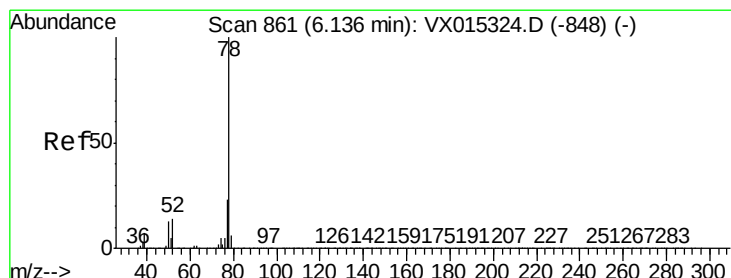
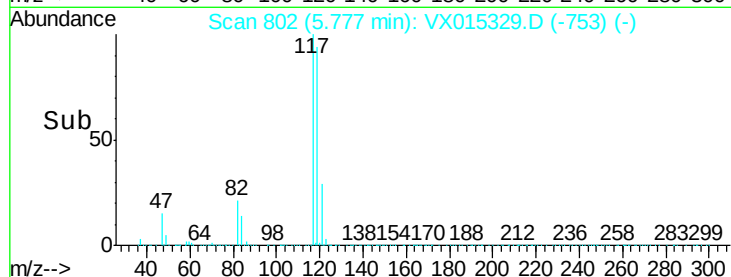
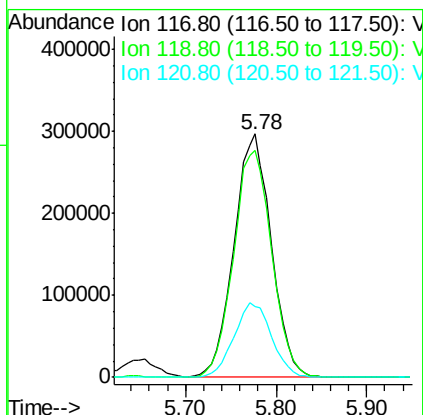
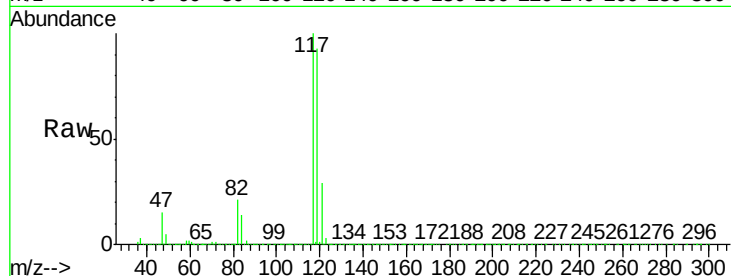




#38
Carbon Tetrachloride
Concen: 91.375 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

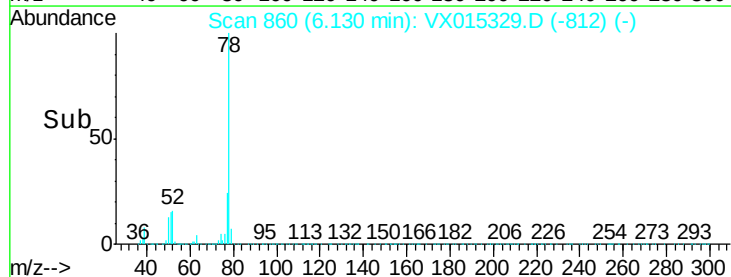
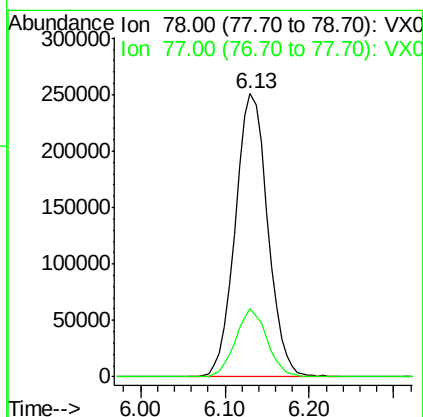
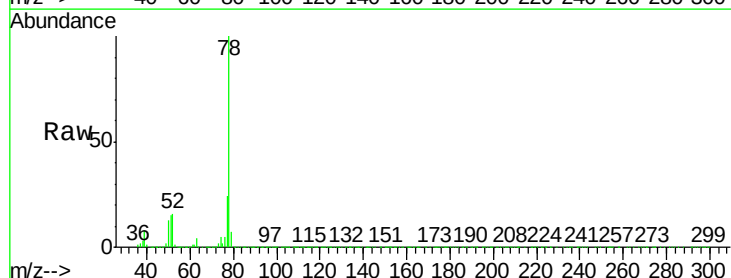
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

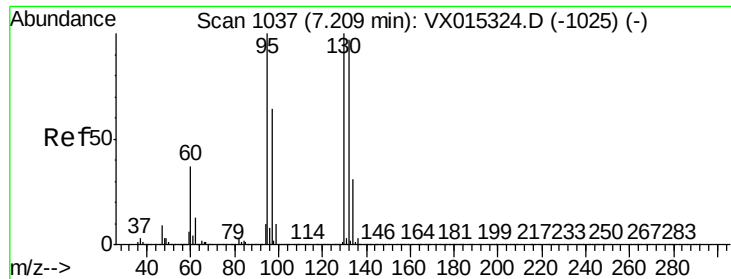
Tot Ion:117 Resp: 843728
Ion Ratio Lower Upper
117 100
119 93.4 79.3 118.9
121 29.0 25.4 38.0



#40
Benzene
Concen: 21.966 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion: 78 Resp: 648600
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.4

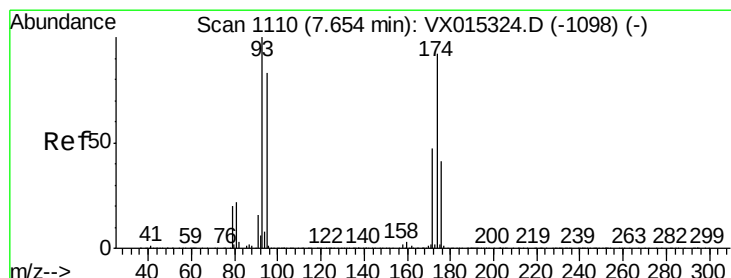
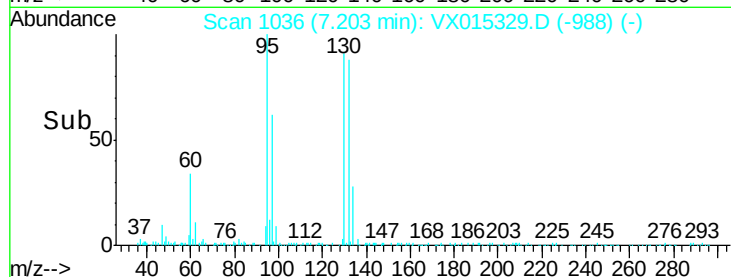
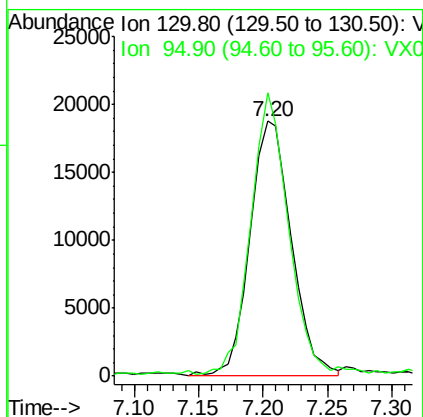
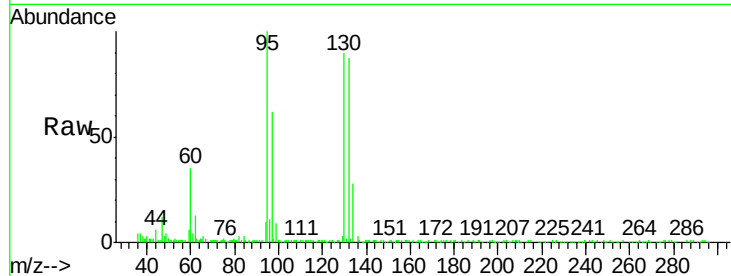




#44
 Trichloroethene
 Concen: 5.167 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015329.D
 Acq: 18 Mar 2020 16:26

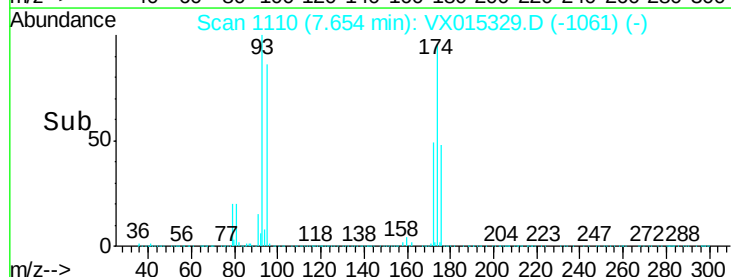
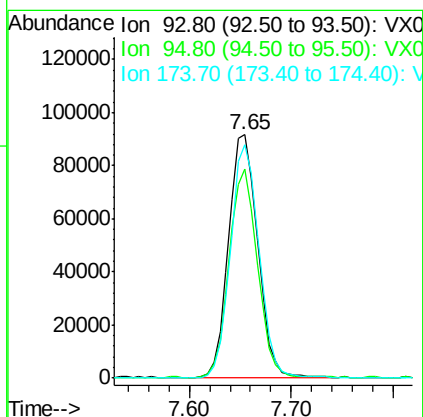
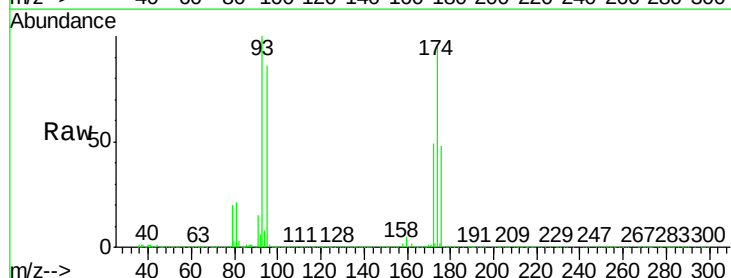
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

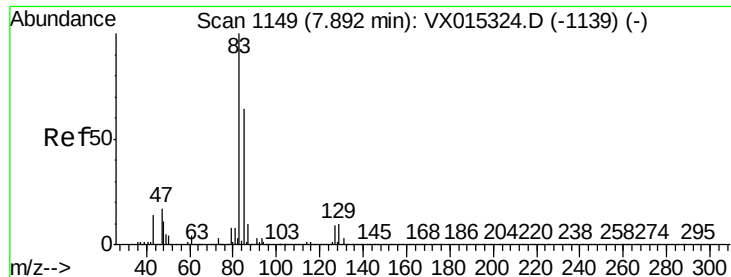
Tot Ion:130 Resp: 41876
 Ion Ratio Lower Upper
 130 100
 95 108.9 0.0 200.4



#46
 Dibromomethane
 Concen: 37.151 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015329.D
 Acq: 18 Mar 2020 16:26

Tgt Ion: 93 Resp: 181197
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.3 99.5
 174 93.4 74.2 111.2





#47

Bromodichloromethane

Concen: 43.277 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

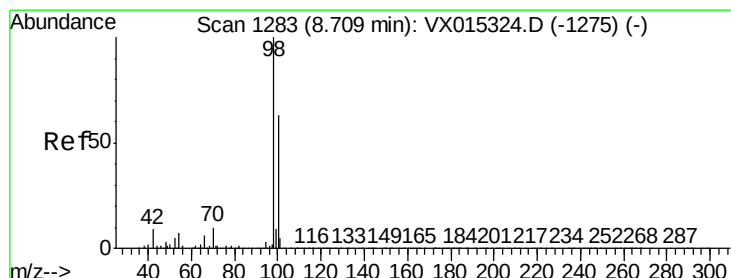
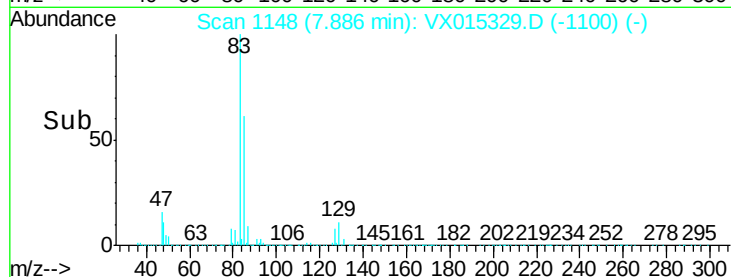
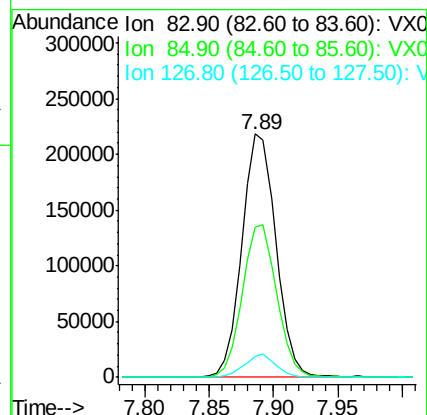
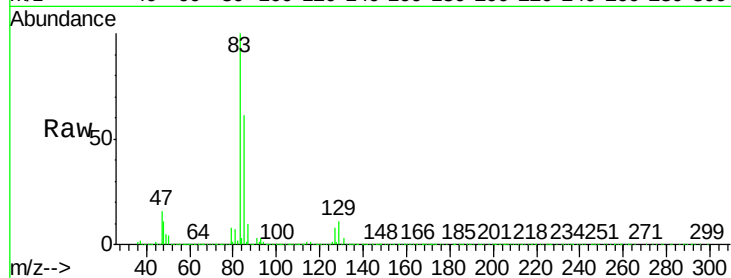
Tot Ion: 83 Resp: 396395

Ion Ratio Lower Upper

83 100

85 61.4 51.0 76.6

127 8.4 7.2 10.8



#50

Toluene-d8

Concen: 50.287 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015329.D

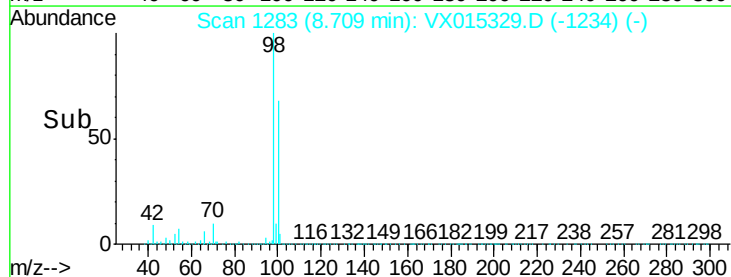
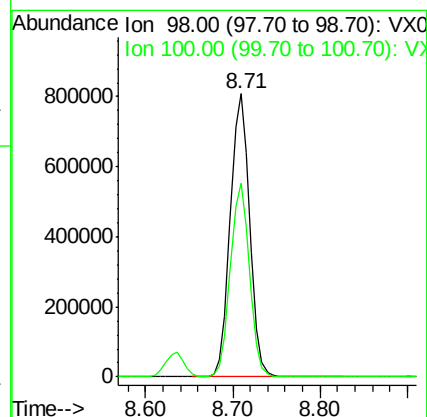
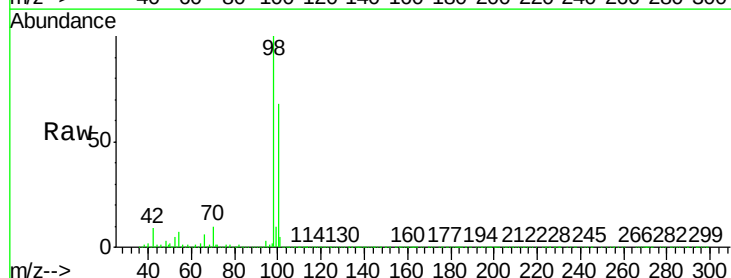
Acq: 18 Mar 2020 16:26

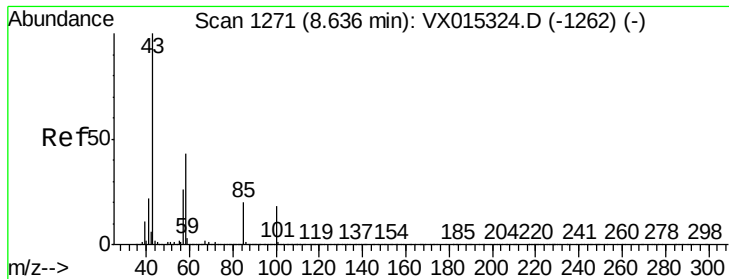
Tgt Ion: 98 Resp: 1239657

Ion Ratio Lower Upper

98 100

100 67.4 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 70.173 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

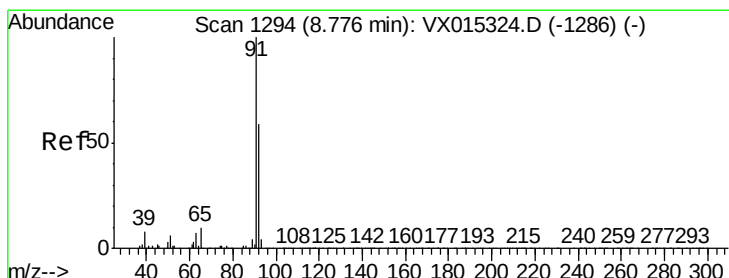
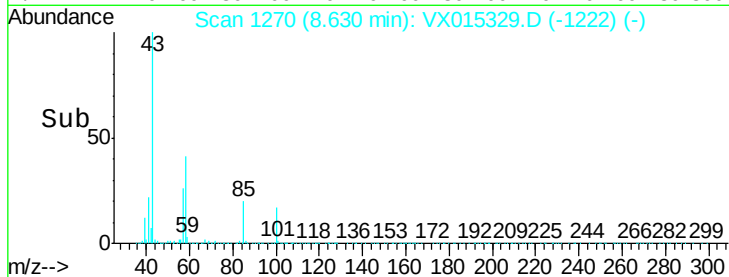
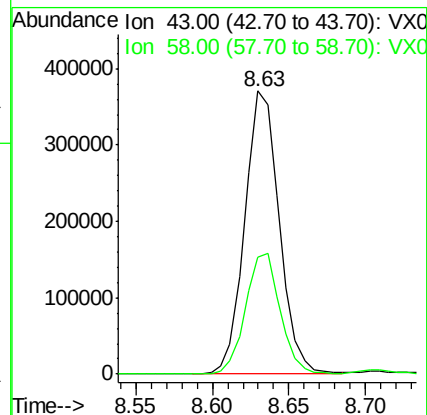
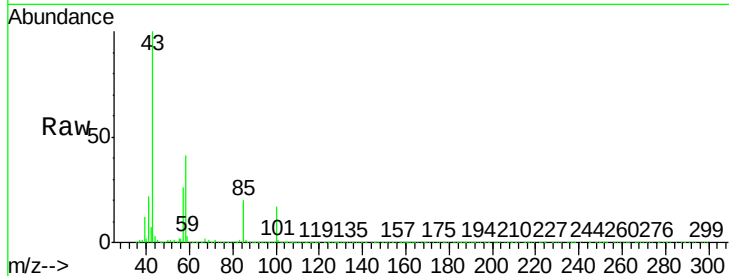
PT-VOA-WP

Tot Ion: 43 Resp: 579783

Ion Ratio Lower Upper

43 100

58 42.8 34.6 51.8



#52

Toluene

Concen: 27.022 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015329.D

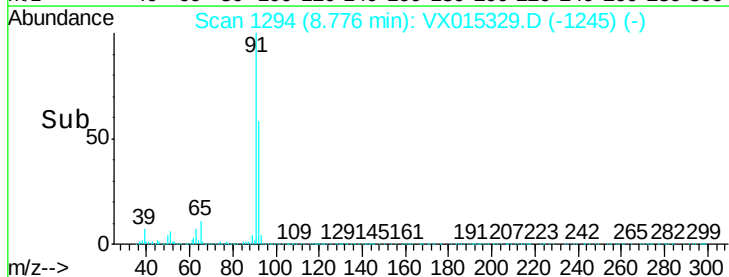
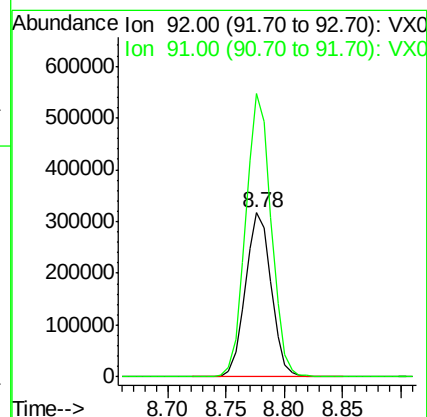
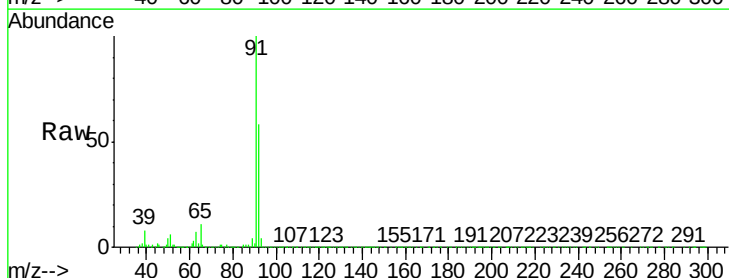
Acq: 18 Mar 2020 16:26

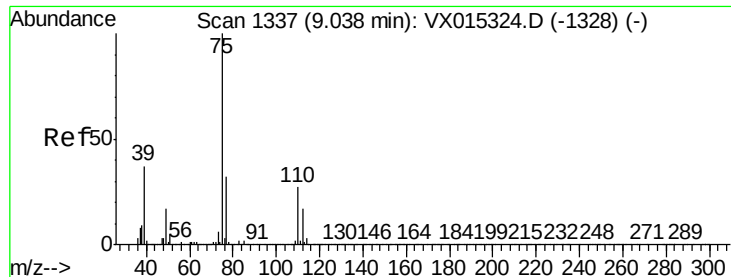
Tgt Ion: 92 Resp: 490031

Ion Ratio Lower Upper

92 100

91 170.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 111.691 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

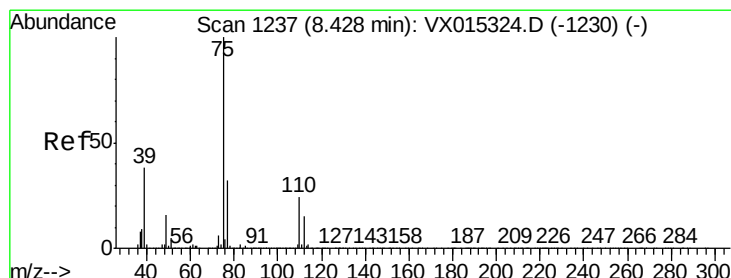
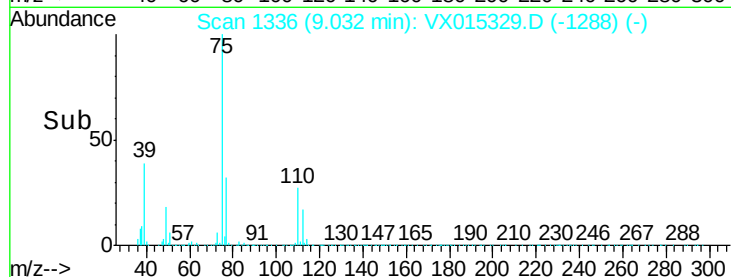
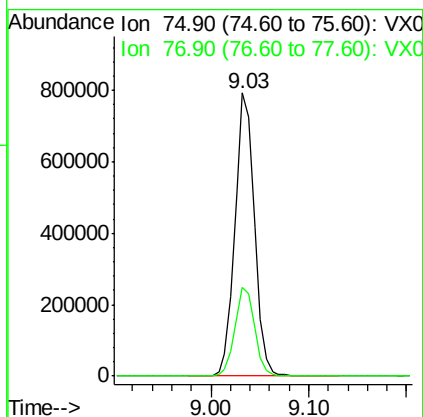
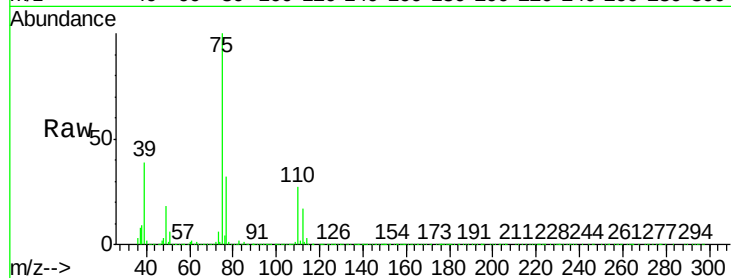
PT-VOA-WP

Tot Ion: 75 Resp: 1094591

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 34.333 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

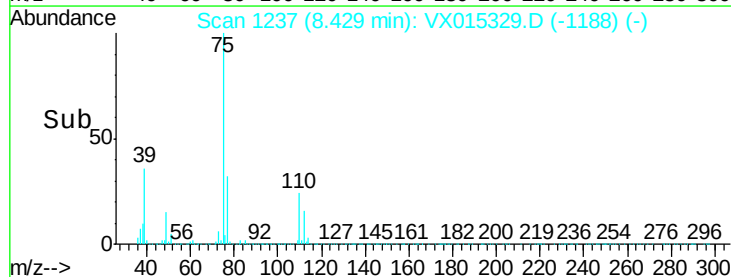
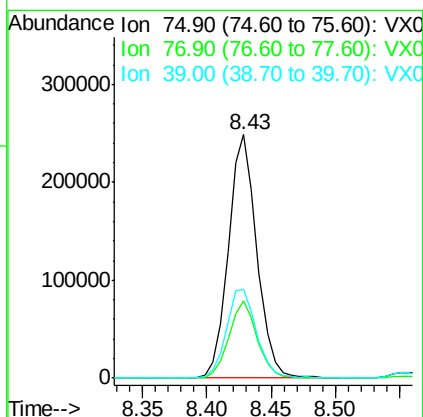
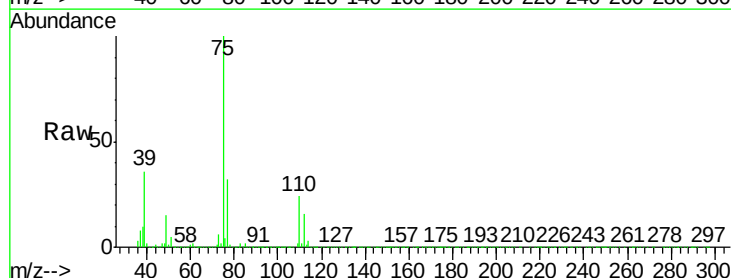
Tgt Ion: 75 Resp: 382101

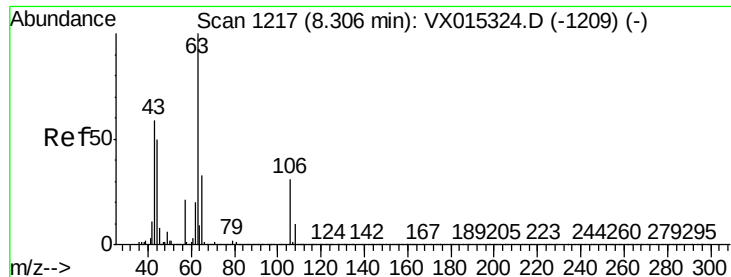
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 36.4 30.2 45.2

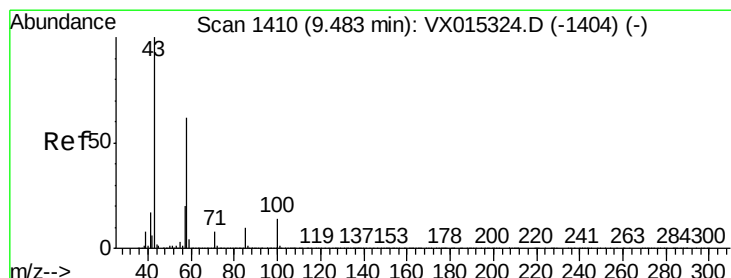
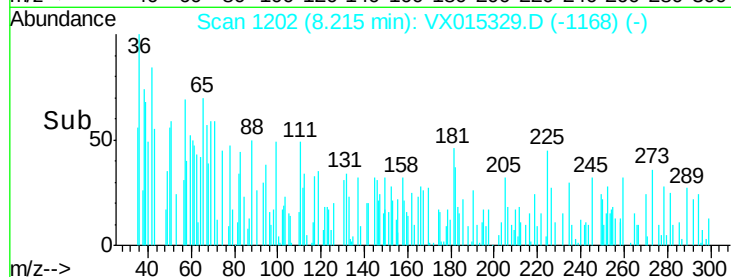
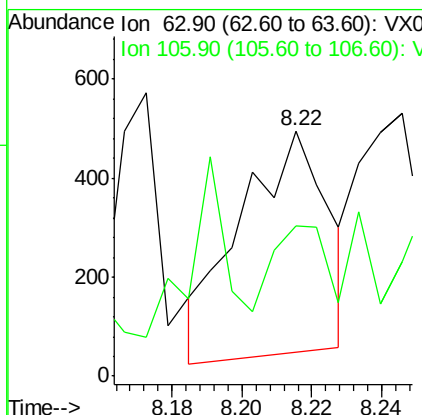
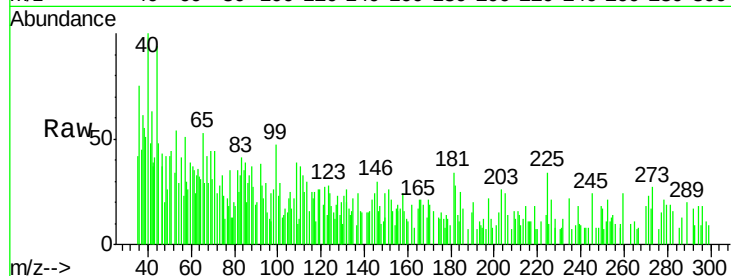




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.22 min Scan# 1202
Delta R.T. -0.09 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

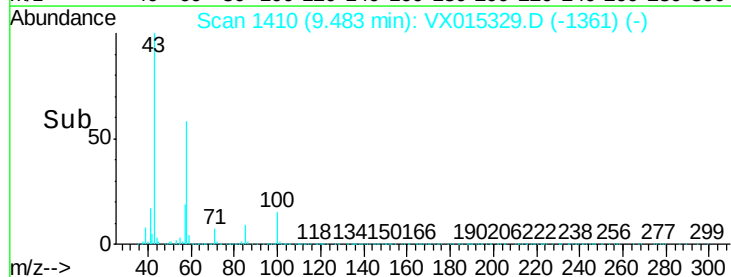
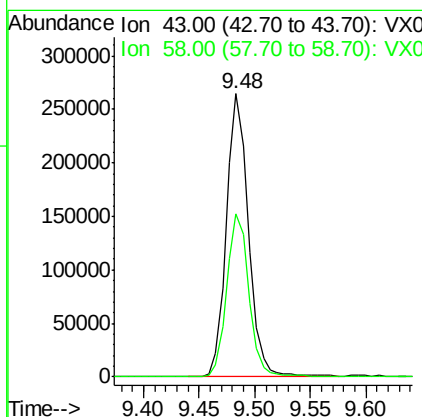
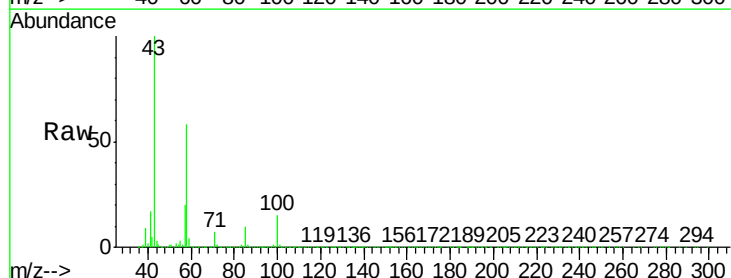
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

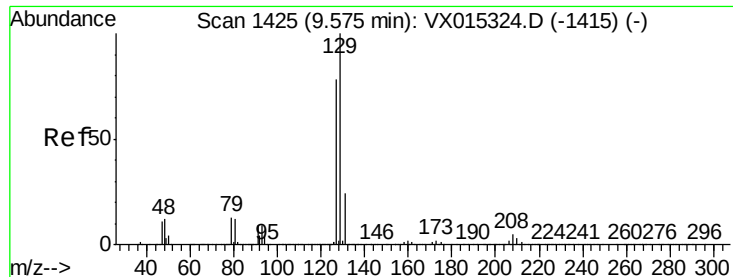
Tot Ion: 63 Resp: 780
Ion Ratio Lower Upper
63 100
106 31.4 24.3 36.5



#59
2-Hexanone
Concen: 58.869 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion: 43 Resp: 361511
Ion Ratio Lower Upper
43 100
58 57.8 30.3 90.8

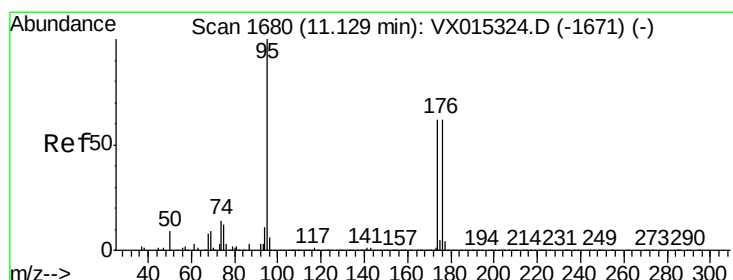
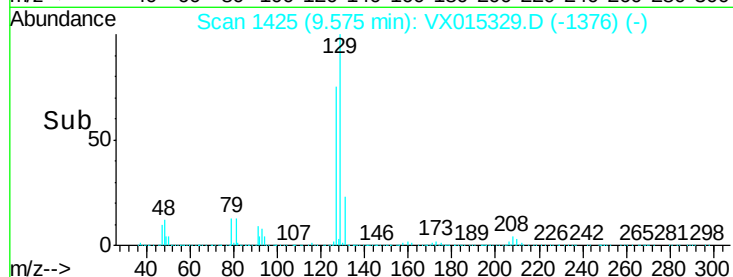
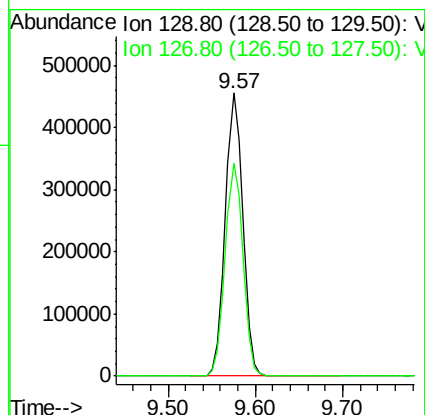
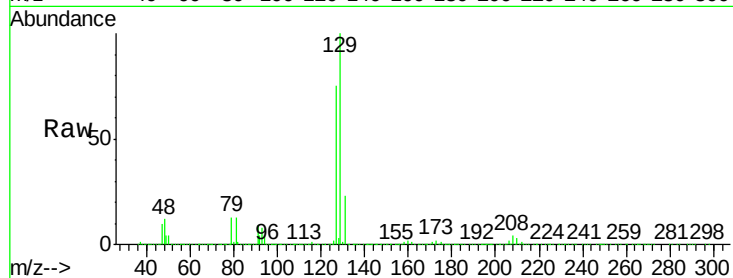




#60
Dibromochloromethane
Concen: 84.602 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

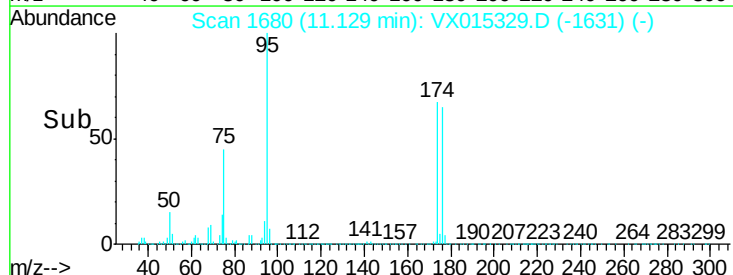
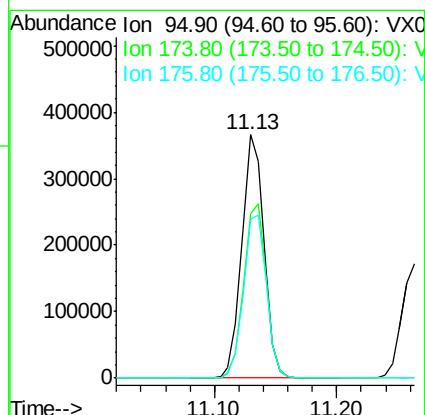
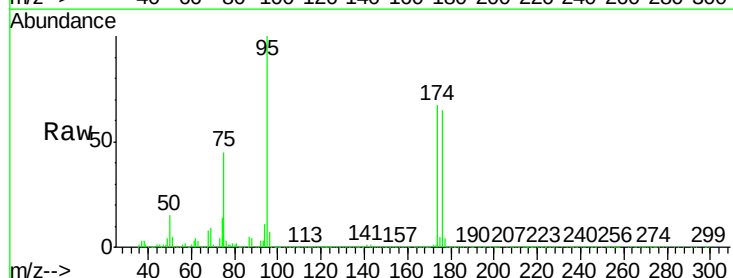
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

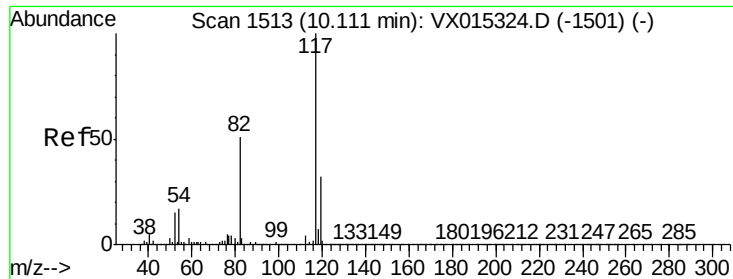
Tot Ion:129 Resp: 633348
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.9



#62
4-Bromofluorobenzene
Concen: 48.648 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion: 95 Resp: 456149
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.6
176 69.7 0.0 141.6

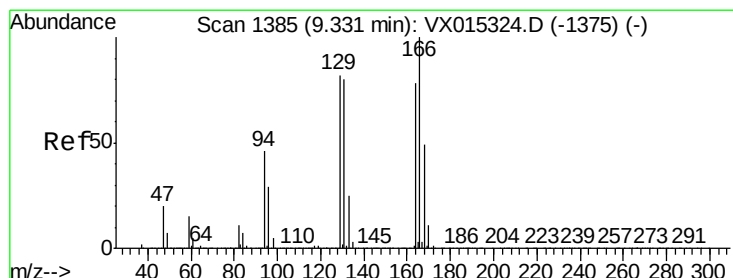
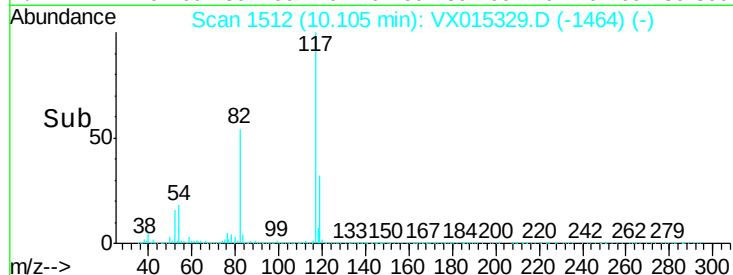
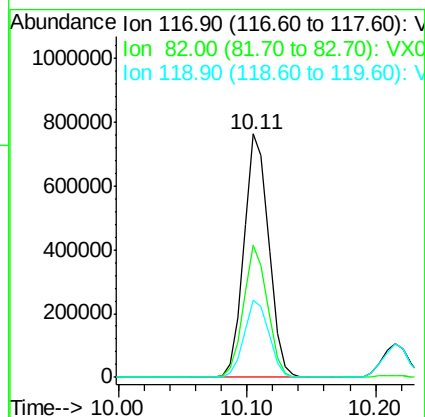
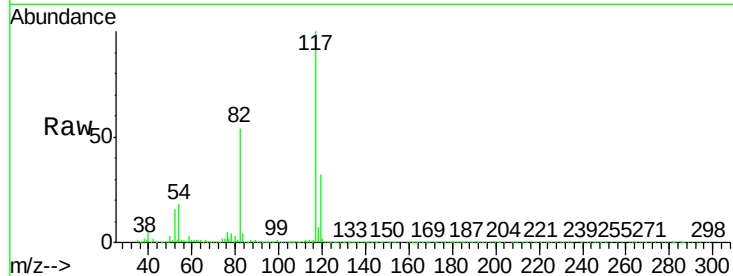




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

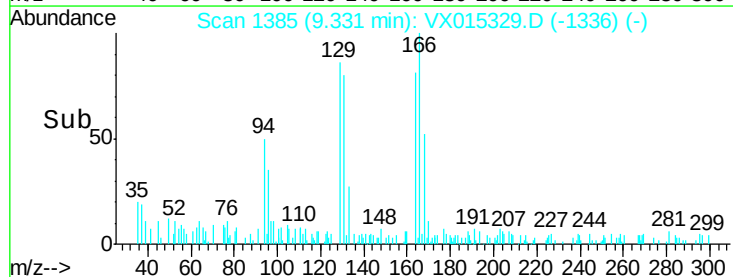
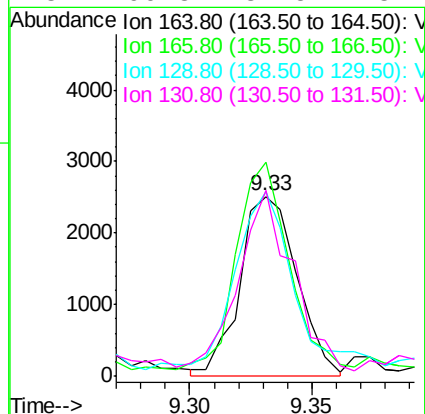
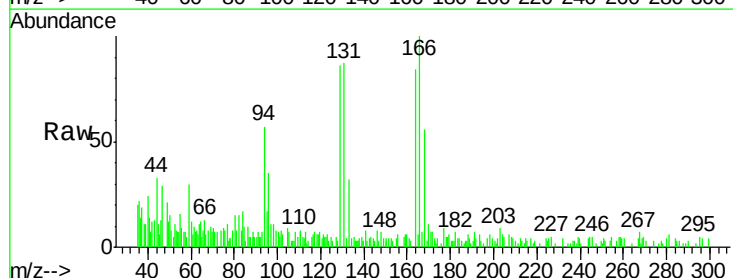
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

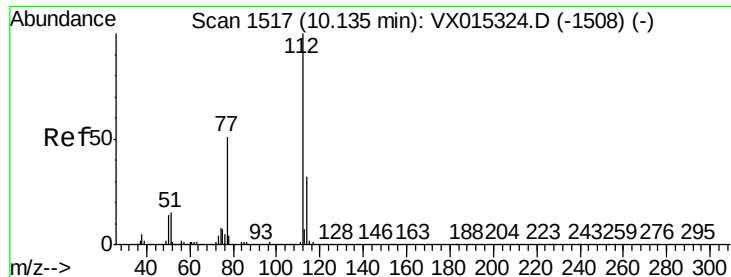
Tot Ion:117 Resp: 1007910
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 0.555 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion:164 Resp: 4068
Ion Ratio Lower Upper
164 100
166 115.3 102.6 153.8
129 98.7 84.5 126.7
131 99.8 82.5 123.7





#65

Chlorobenzene

Concen: 100.174 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

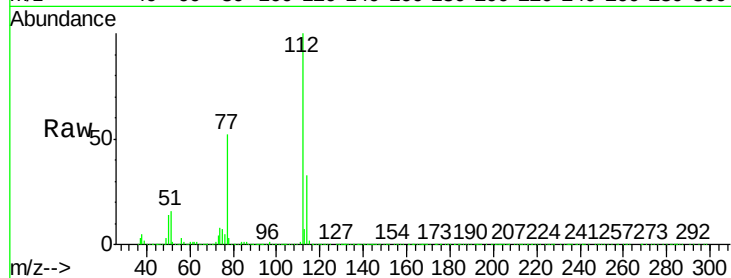
PT-VOA-WP

Tot Ion:112 Resp: 2127407

Ion Ratio Lower Upper

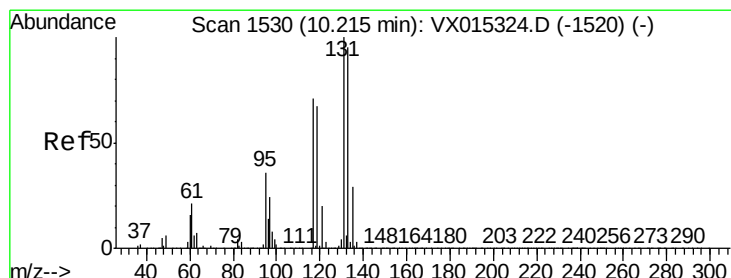
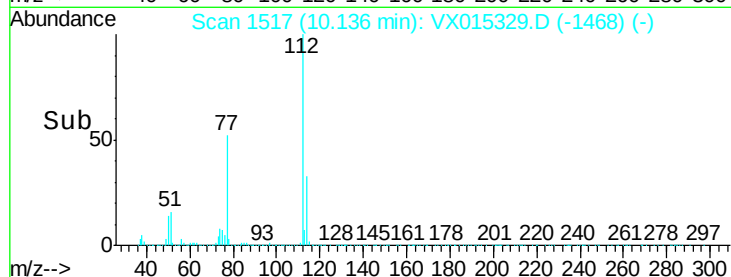
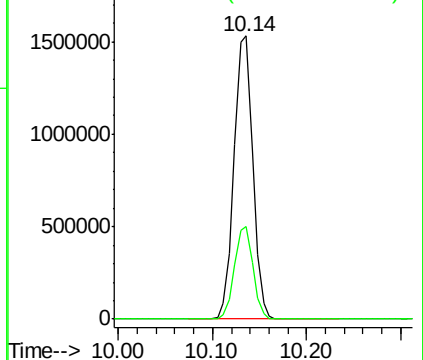
112 100

114 32.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 27.282 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

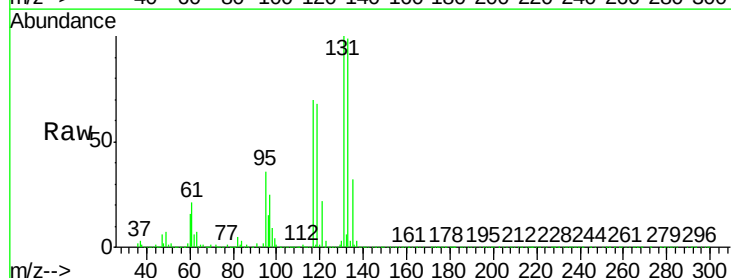
Tgt Ion:131 Resp: 209328

Ion Ratio Lower Upper

131 100

133 96.7 48.1 144.4

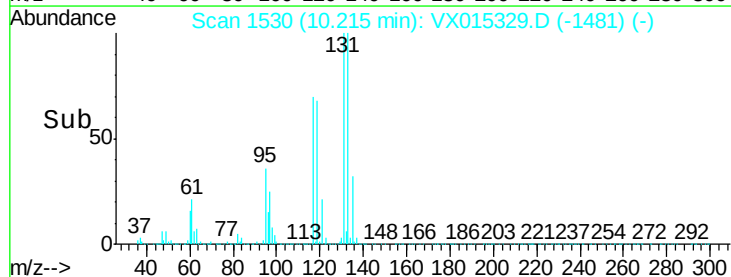
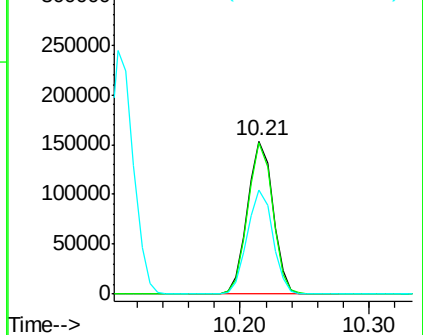
119 68.0 33.8 101.3

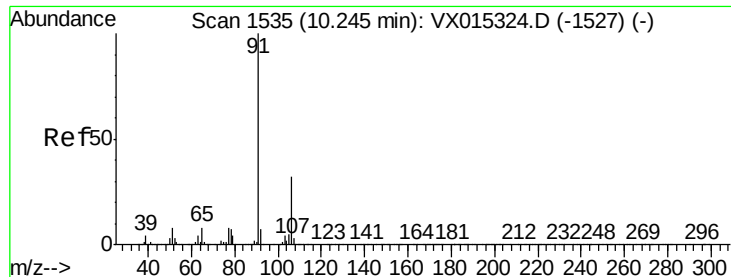


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

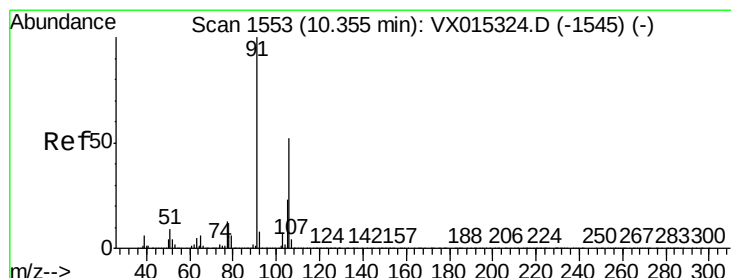
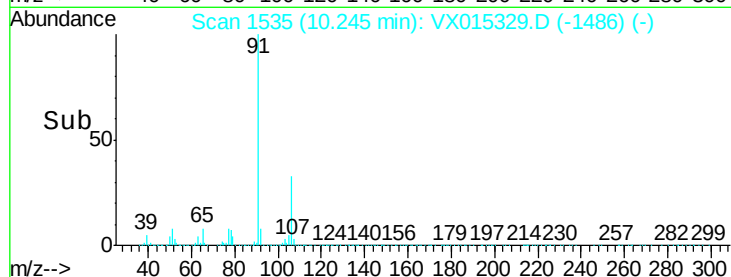
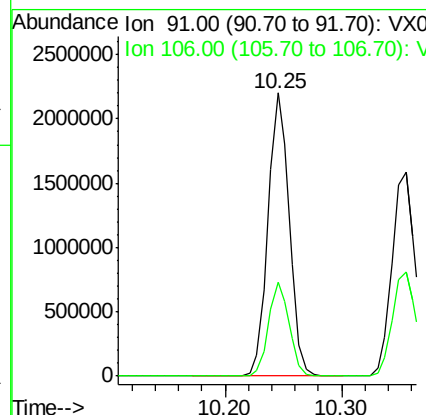
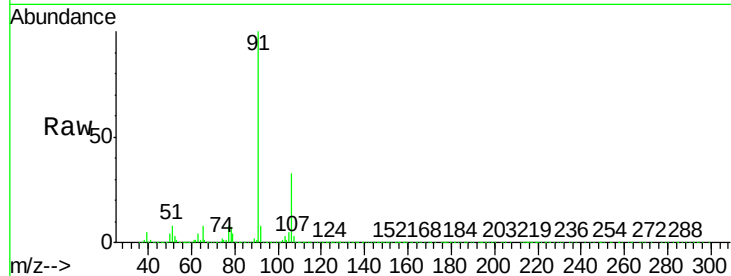




#67
Ethyl Benzene
Concen: 77.329 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

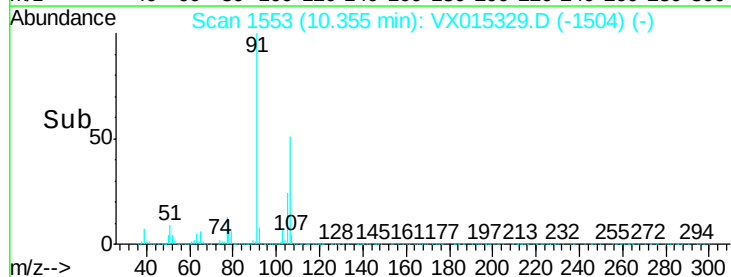
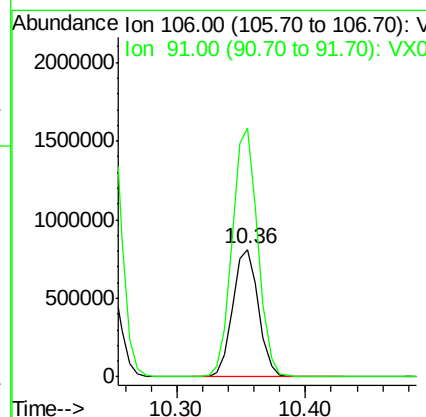
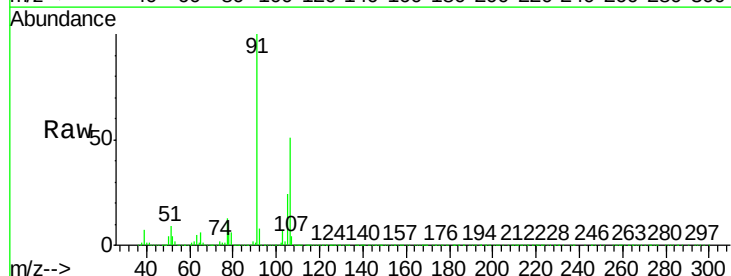
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

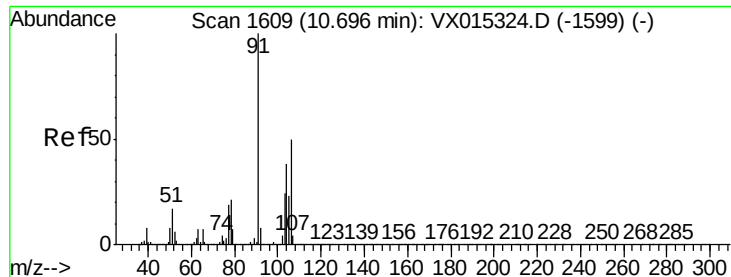
Tot Ion: 91 Resp: 2797529
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.6



#68
m/p-Xylenes
Concen: 82.007 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion: 106 Resp: 1131095
Ion Ratio Lower Upper
106 100
91 194.5 155.1 232.7

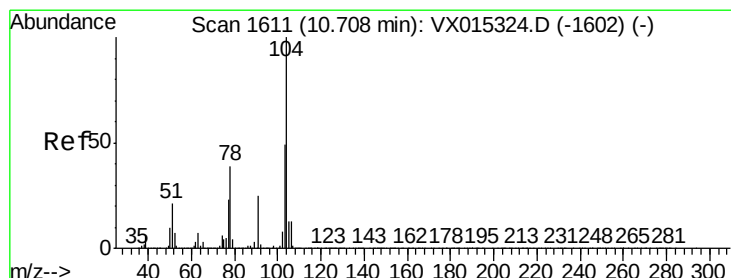
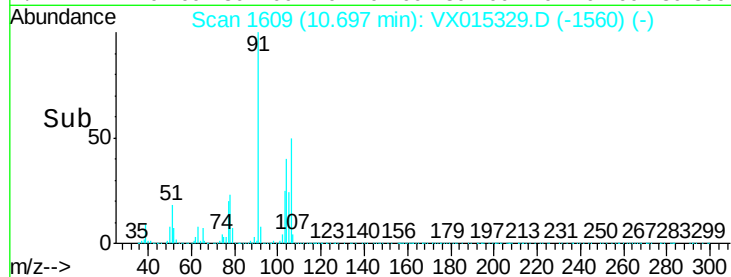
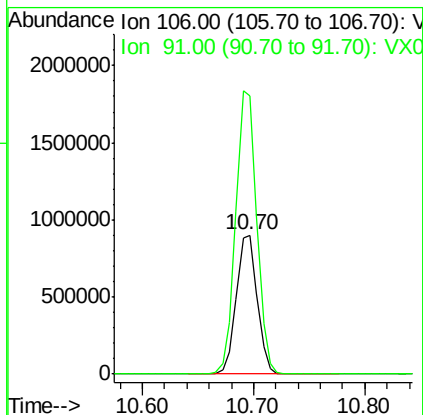
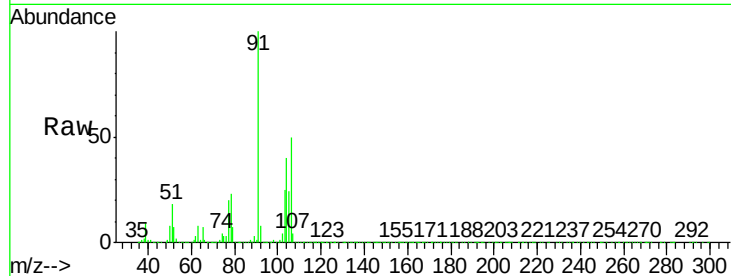




#69
o-Xylene
Concen: 88.603 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

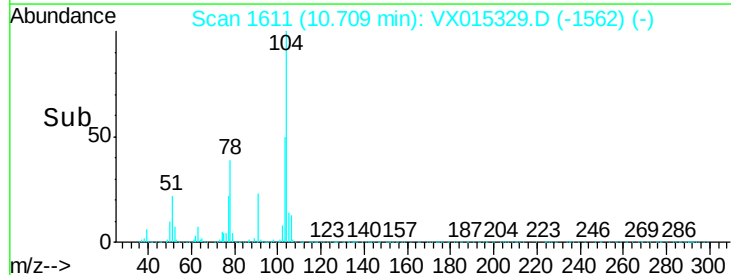
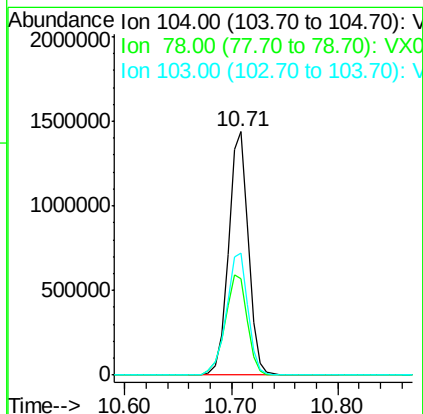
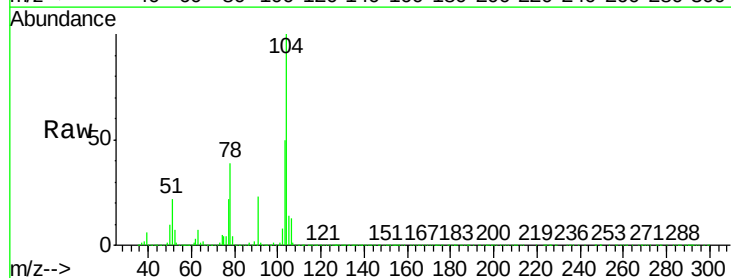
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

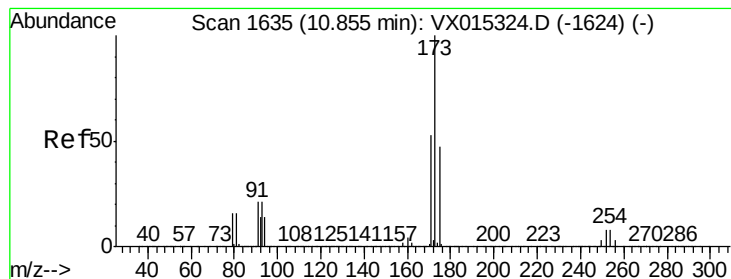
Tot Ion:106 Resp: 1175238
Ion Ratio Lower Upper
106 100
91 204.0 102.3 306.9



#70
Styrene
Concen: 84.365 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion:104 Resp: 1865378
Ion Ratio Lower Upper
104 100
78 46.2 36.0 54.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 1.042 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

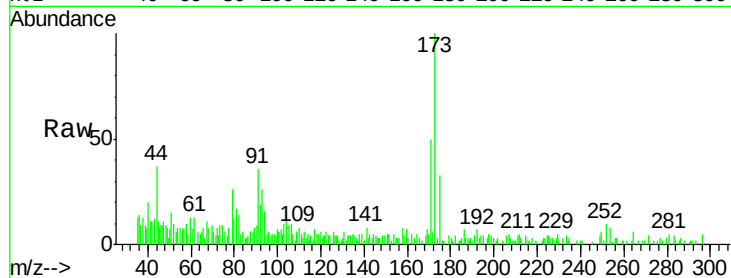
Tot Ion:173 Resp: 5226

Ion Ratio Lower Upper

173 100

175 45.5 23.4 70.2

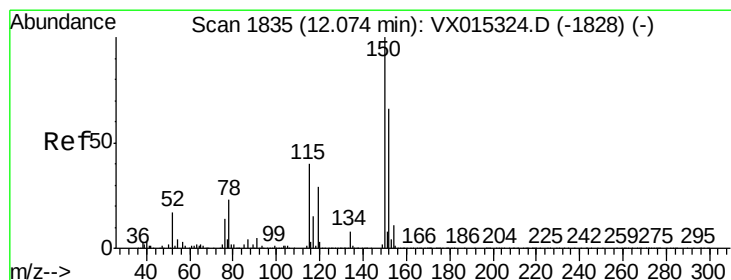
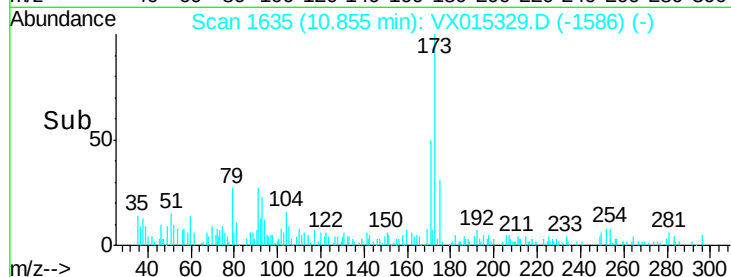
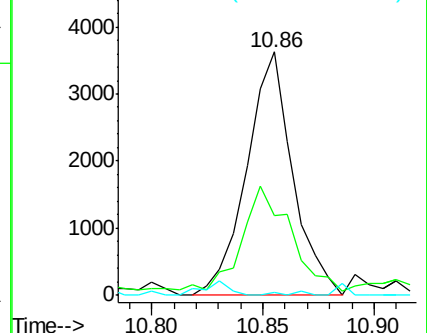
254 0.7 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

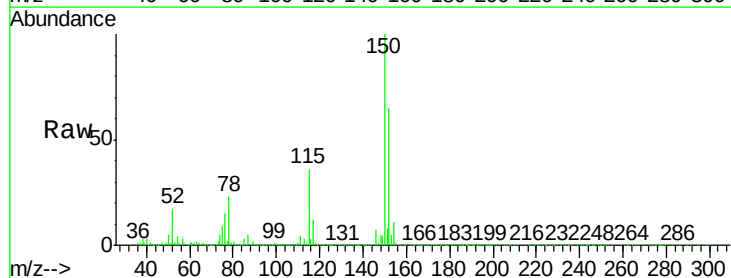
Tgt Ion:152 Resp: 482226

Ion Ratio Lower Upper

152 100

115 59.6 41.9 125.8

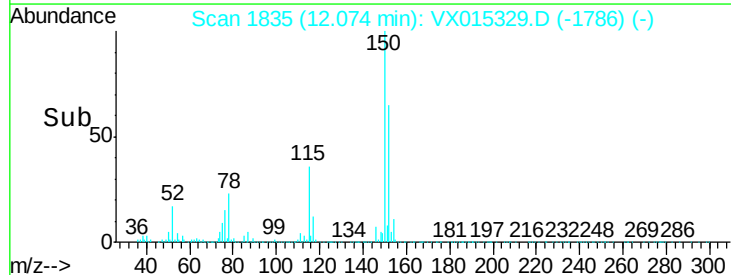
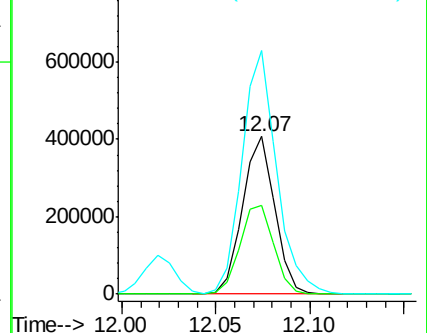
150 166.7 0.0 347.6

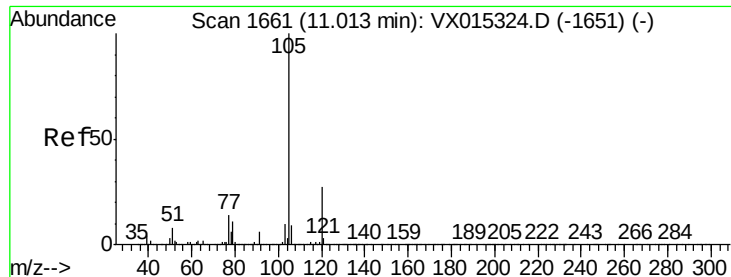


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.216 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

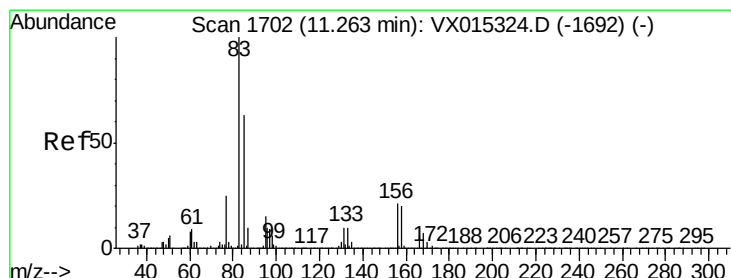
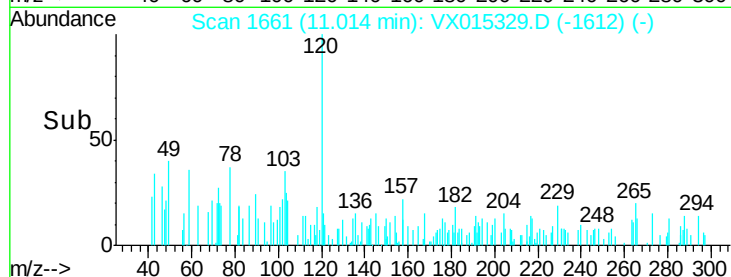
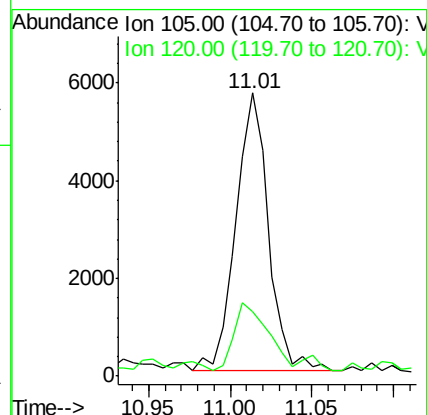
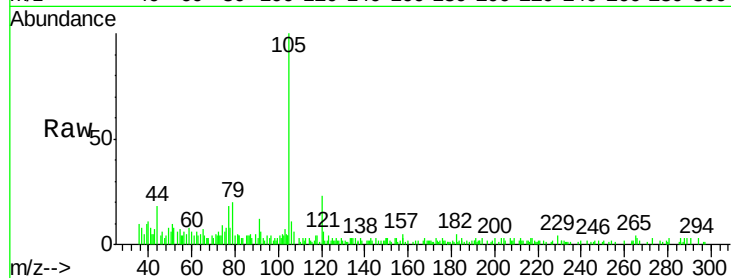
PT-VOA-WP

Tot Ion:105 Resp: 7836

Ion Ratio Lower Upper

105 100

120 25.0 13.9 41.6



#75

1,1,2,2-Tetrachloroethane

Concen: 126.542 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

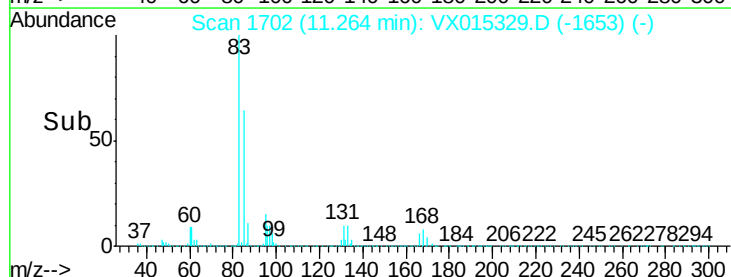
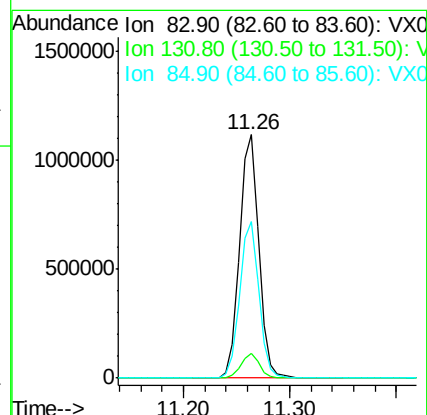
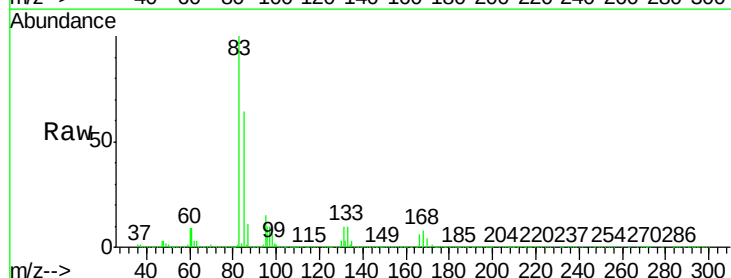
Tgt Ion: 83 Resp: 1422521

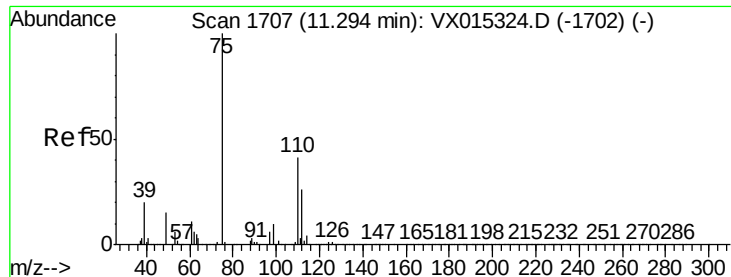
Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 64.4 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 66.076 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampled :

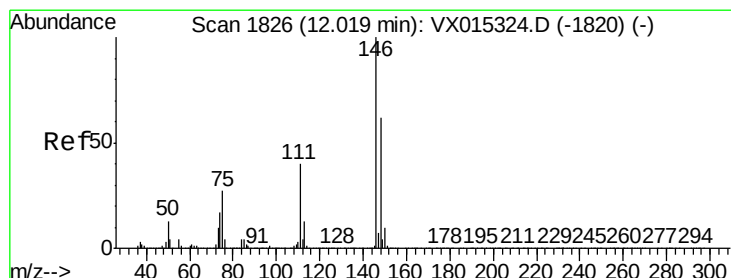
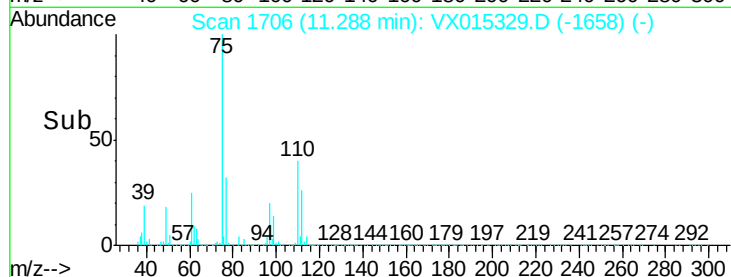
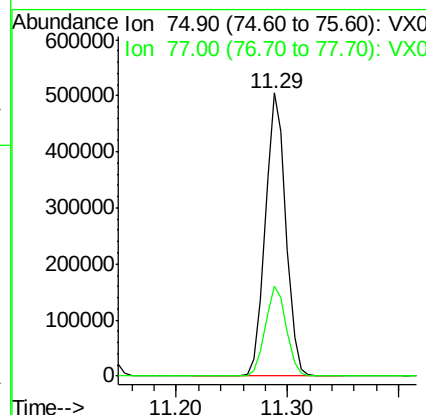
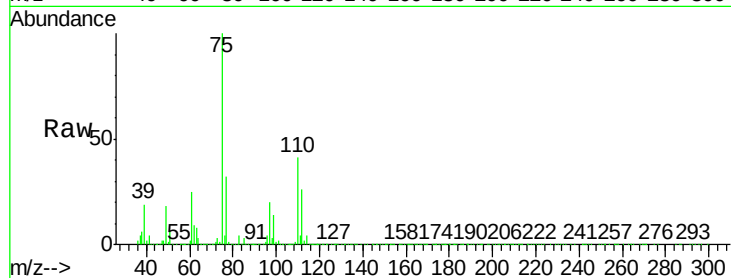
PT-VOA-WP

Tot Ion: 75 Resp: 651140

Ion Ratio Lower Upper

75 100

77 32.3 21.2 63.6



#87

1,3-Dichlorobenzene

Concen: 74.075 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

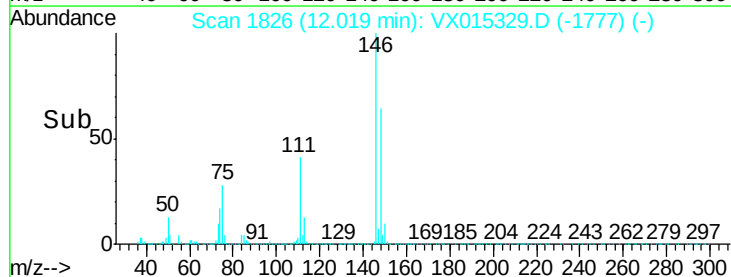
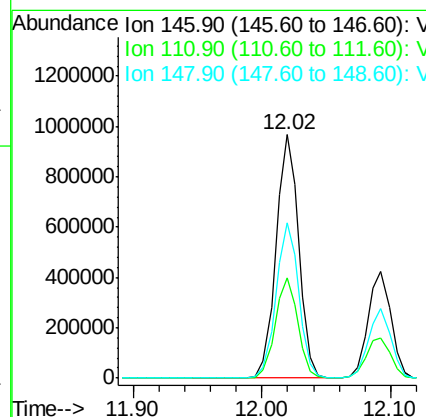
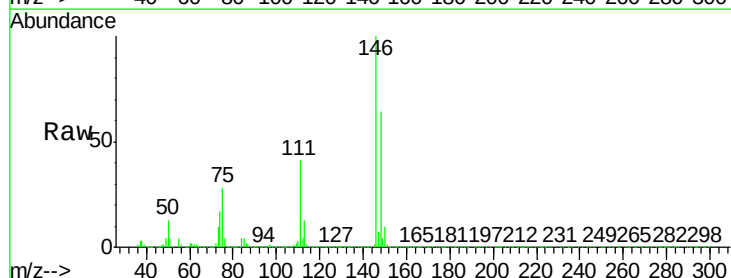
Tgt Ion: 146 Resp: 1187700

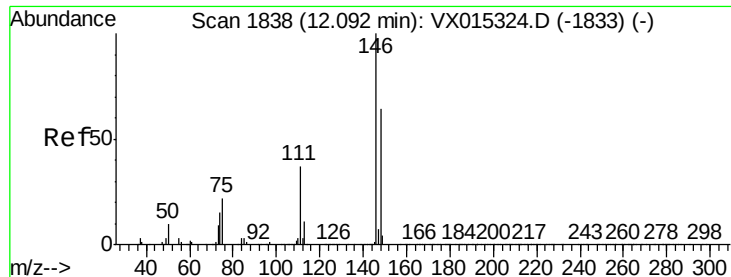
Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

148 63.7 31.4 94.3

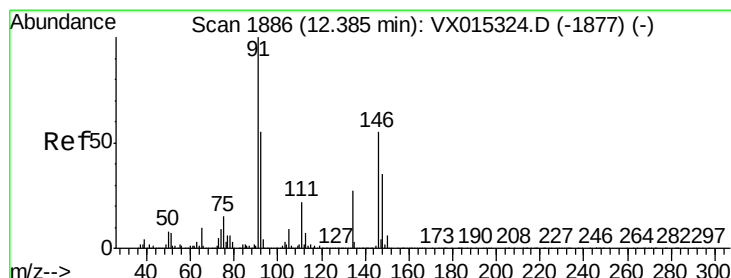
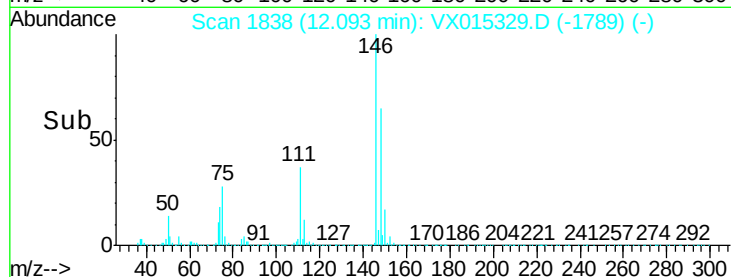
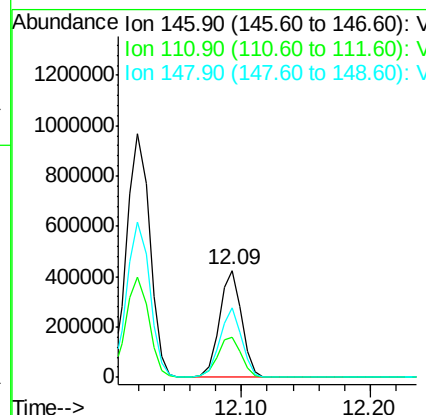
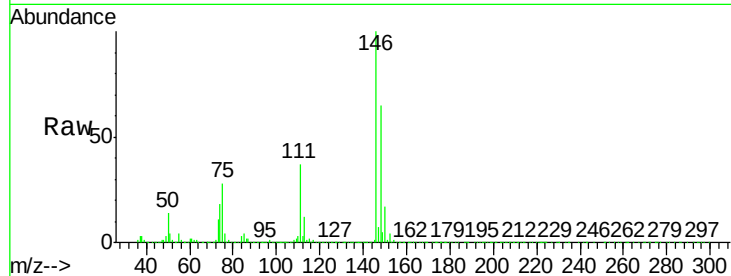




#88
 1,4-Dichlorobenzene
 Concen: 30.897 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015329.D
 Acq: 18 Mar 2020 16:26

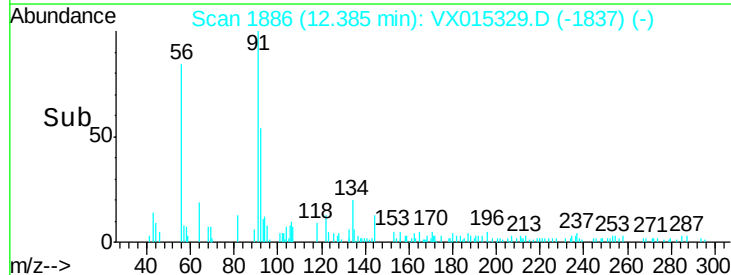
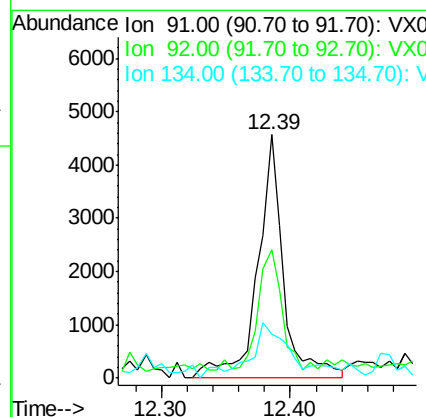
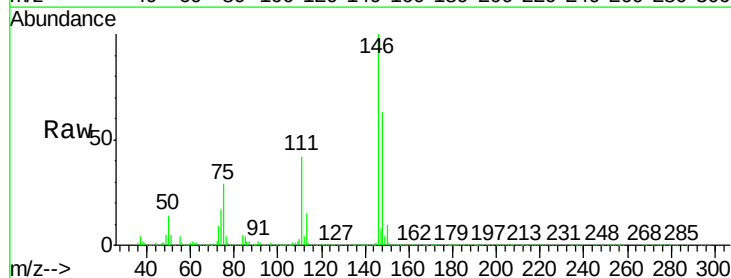
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

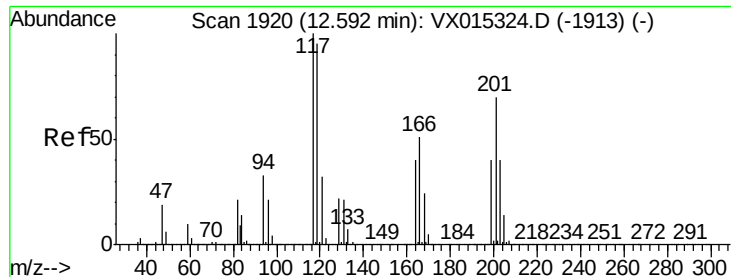
Tot Ion:146 Resp: 515978
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.7 59.1
 148 64.1 32.0 96.0



#89
 n-Butylbenzene
 Concen: 0.216 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015329.D
 Acq: 18 Mar 2020 16:26

Tgt Ion: 91 Resp: 6282
 Ion Ratio Lower Upper
 91 100
 92 47.0 27.5 82.4
 134 22.5 13.2 39.6





#90

Hexachloroethane

Concen: 0.800 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

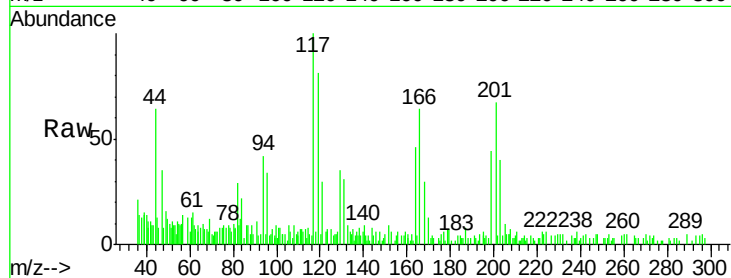
PT-VOA-WP

Tot Ion:117 Resp: 4745

Ion Ratio Lower Upper

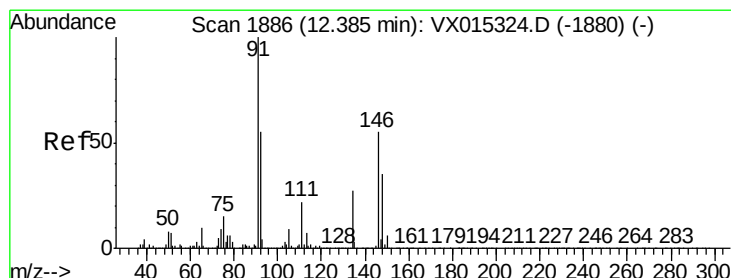
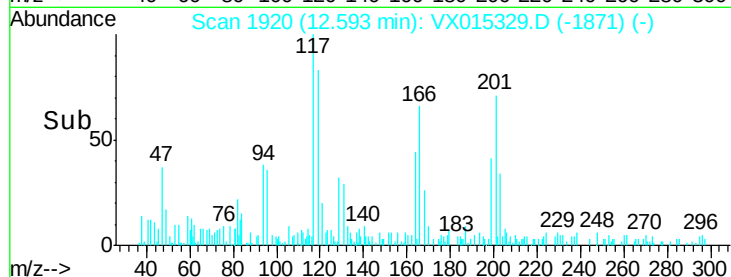
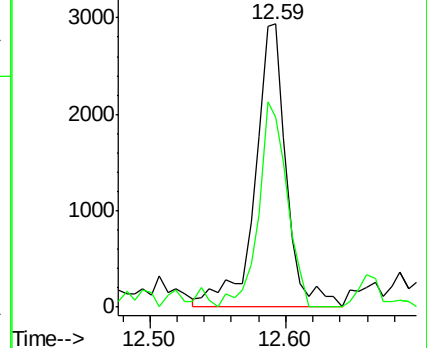
117 100

201 65.8 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 21.551 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

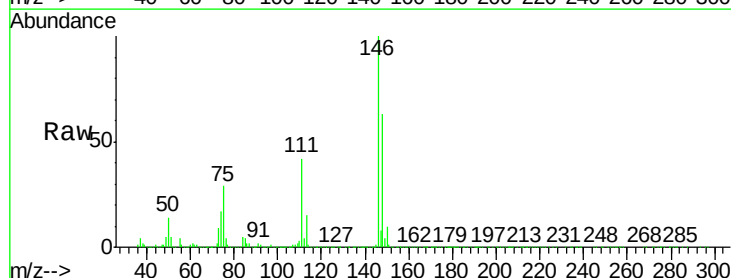
Tgt Ion:146 Resp: 346589

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

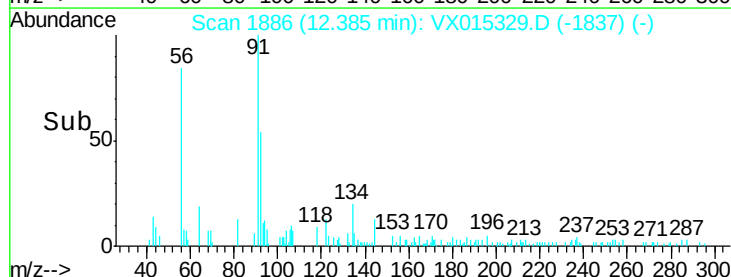
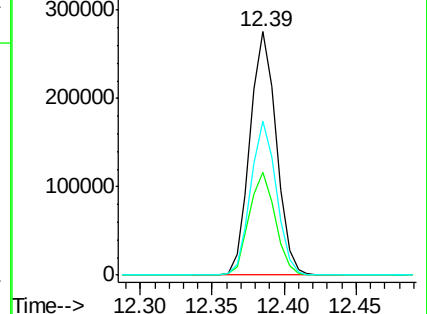
148 62.0 31.6 94.8

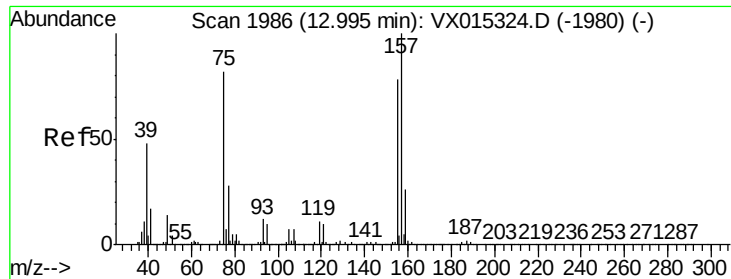


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.185 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

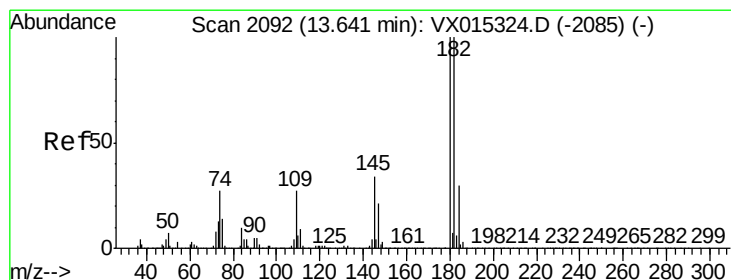
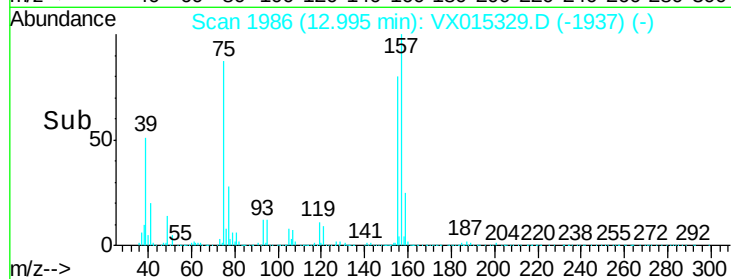
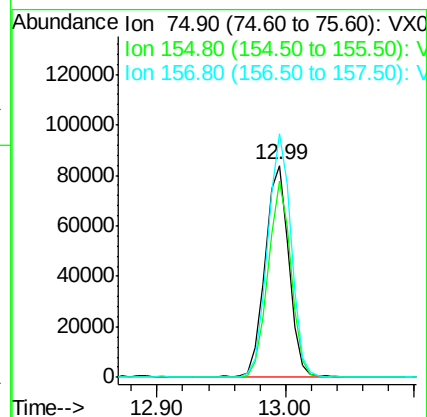
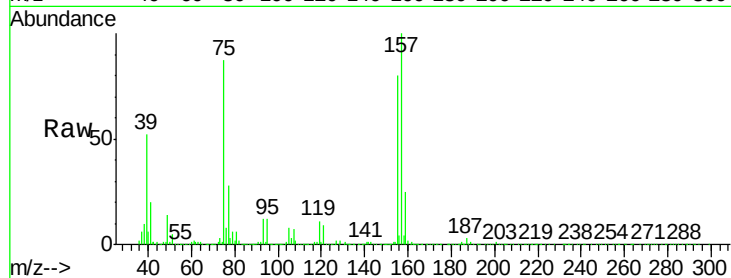
Tot Ion: 75 Resp: 107122

Ion Ratio Lower Upper

75 100

155 89.7 48.9 146.7

157 113.9 61.1 183.3



#93

1,2,4-Trichlorobenzene

Concen: 128.532 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

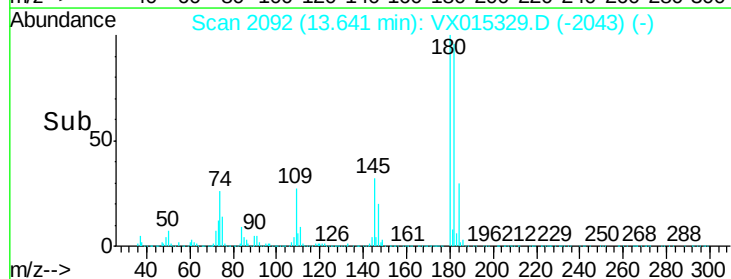
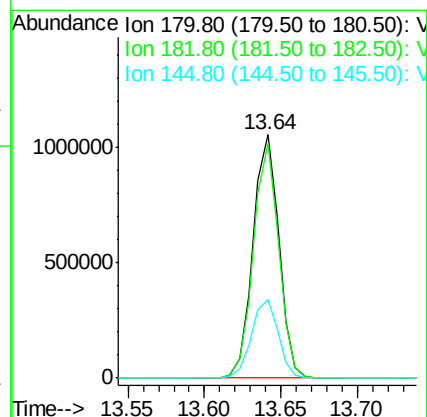
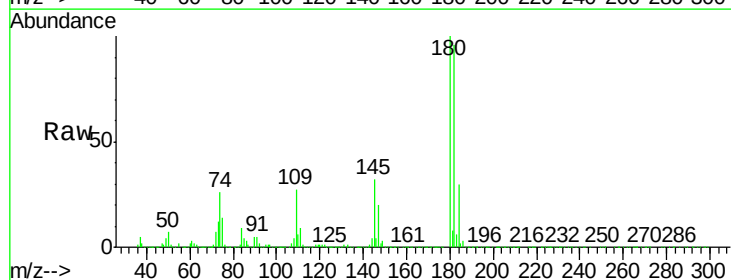
Tgt Ion: 180 Resp: 1238360

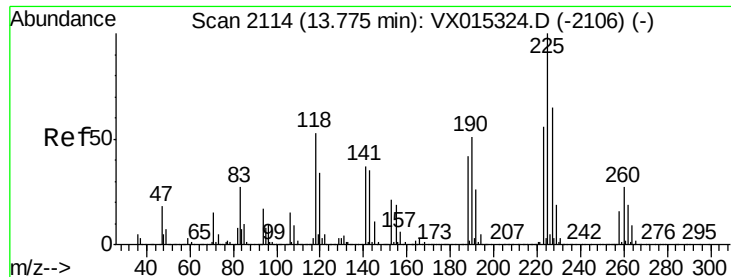
Ion Ratio Lower Upper

180 100

182 94.6 48.6 145.9

145 33.1 16.7 50.1

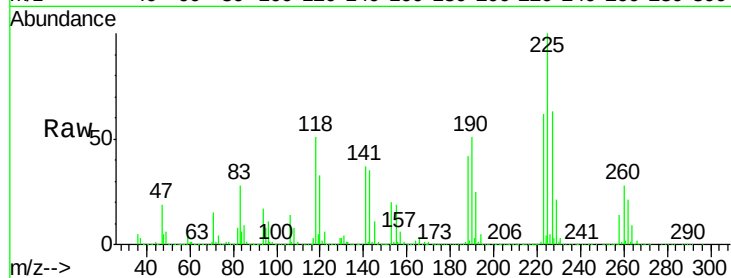




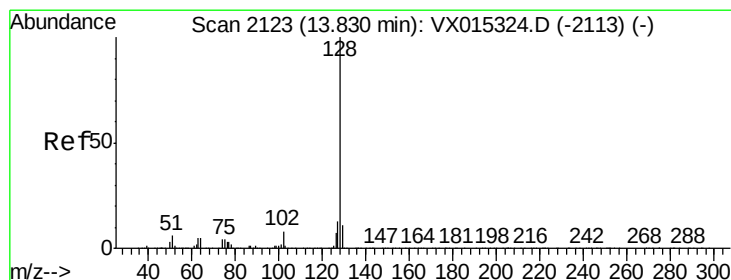
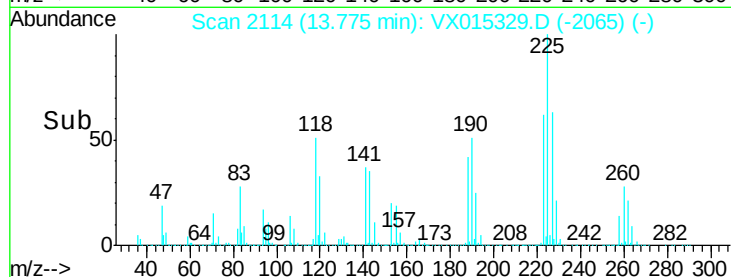
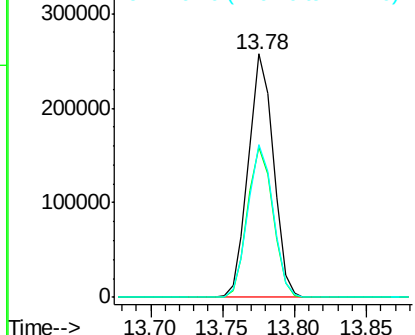
#94
Hexachlorobutadiene
Concen: 76.455 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tot Ion:225 Resp: 309718
Ion Ratio Lower Upper
225 100
223 63.0 30.6 91.6
227 63.0 32.3 96.8

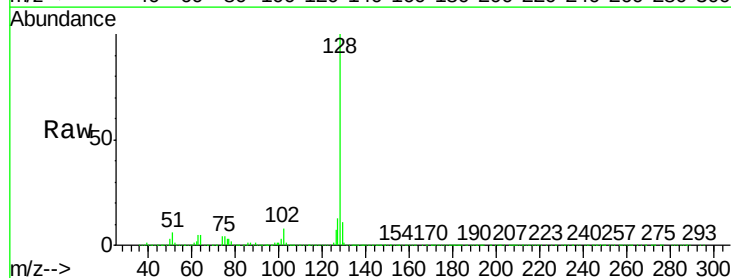


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

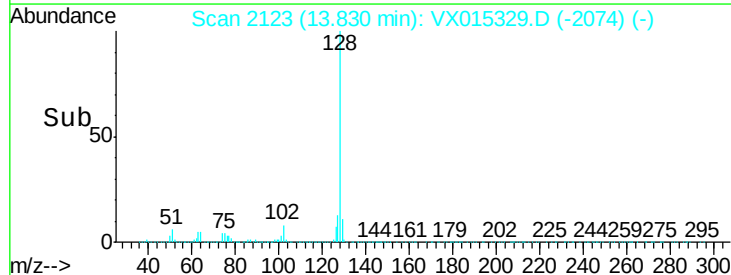
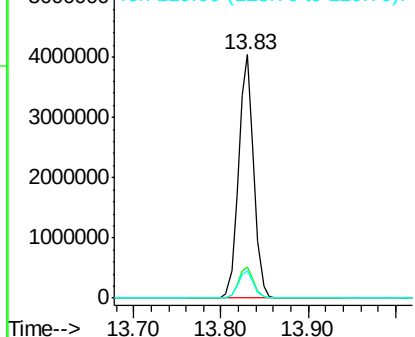


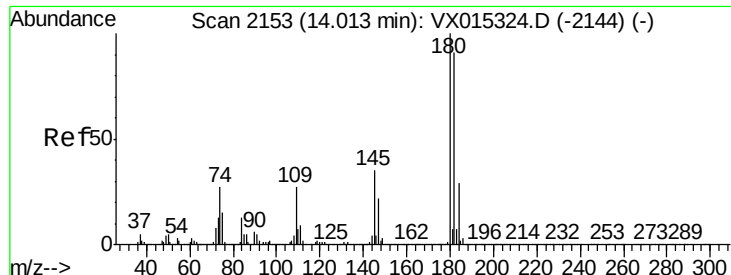
#95
Naphthalene
Concen: 153.796 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015329.D
Acq: 18 Mar 2020 16:26

Tgt Ion:128 Resp: 4905073
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.825 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015329.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

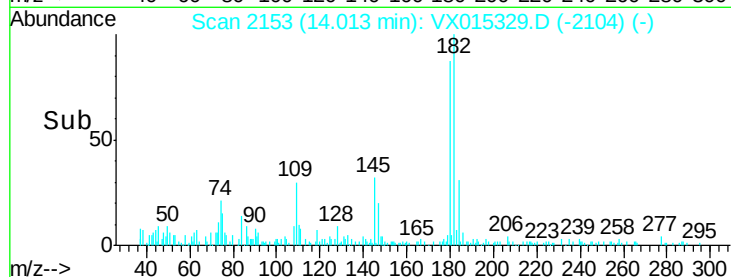
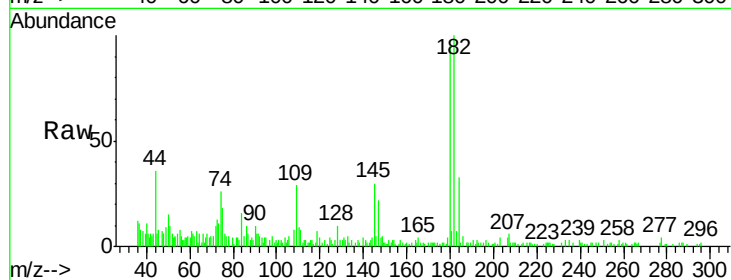
Tot Ion:180 Resp: 7782

Ion Ratio Lower Upper

180 100

182 92.8 47.0 141.0

145 45.9 17.6 52.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

