

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
 Data File : VX014452.D
 Acq On : 07 Jan 2020 16:50
 Operator : JC/SP
 Sample : VX0107WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBL01

Quant Time: Jan 08 01:32:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	545232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	825724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	761555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	293987	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	243830	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	8.71	98	974196	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	353234	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	623	0.344	ug/l	94
3) Chloromethane	1.32	50	1510	0.217	ug/l	89
5) Bromomethane	1.66	94	3844	0.749	ug/l	99
6) Chloroethane	1.70	64	495	Below Cal	#	43
10) Methyl Iodide	2.51	142	2994	0.468	ug/l #	83
11) Tert butyl alcohol	3.02	59	1152	0.906	ug/l #	1
13) Acrolein	2.28	56	718	0.705	ug/l #	82
15) Acrylonitrile	3.13	53	1589	0.518	ug/l #	29
16) Acetone	2.43	43	6215	Below Cal		92
17) Carbon Disulfide	2.56	76	9564	0.637	ug/l #	93
18) Methyl Acetate	2.77	43	2680	0.306	ug/l #	67
20) Methylene Chloride	2.84	84	2307	0.377	ug/l #	70
21) trans-1,2-Dichloroethene	3.16	96	1551	0.264	ug/l #	70
25) 2-Butanone	4.68	43	3634	0.799	ug/l #	61
29) Tetrahydrofuran	5.12	42	568	0.211	ug/l #	46
36) 1,1-Dichloropropene	5.65	75	35977	4.633	ug/l #	52
38) Carbon Tetrachloride	5.64	117	47298	6.619	ug/l #	17
44) Trichloroethene	7.22	130	1594	0.241	ug/l	38
46) Dibromomethane	7.65	93	999	0.244	ug/l #	79
49) 1,4-Dioxane	7.75	88	471	3.406	ug/l #	55
51) 4-Methyl-2-Pentanone	8.63	43	2757	0.332	ug/l	90
59) 2-Hexanone	9.50	43	2027	0.309	ug/l	74
64) Tetrachloroethene	9.33	164	1613	0.211	ug/l	93
68) m/p-Xylenes	10.36	106	3232	0.297	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	172044	21.701	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	172044	57.374	ug/l #	12
82) 4-Chlorotoluene	11.51	91	5048	0.234	ug/l	81
87) 1,3-Dichlorobenzene	12.03	146	4714	0.352	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	4714	Below Cal		93
89) n-Butylbenzene	12.39	91	7208	0.324	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	3513	0.268	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	13.00	75	411	0.212	ug/l	77
93) 1,2,4-Trichlorobenzene	13.64	180	6209	0.563	ug/l	96
94) Hexachlorobutadiene	13.78	225	2581	0.659	ug/l	94

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBL01

Quant Time: Jan 08 01:32:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

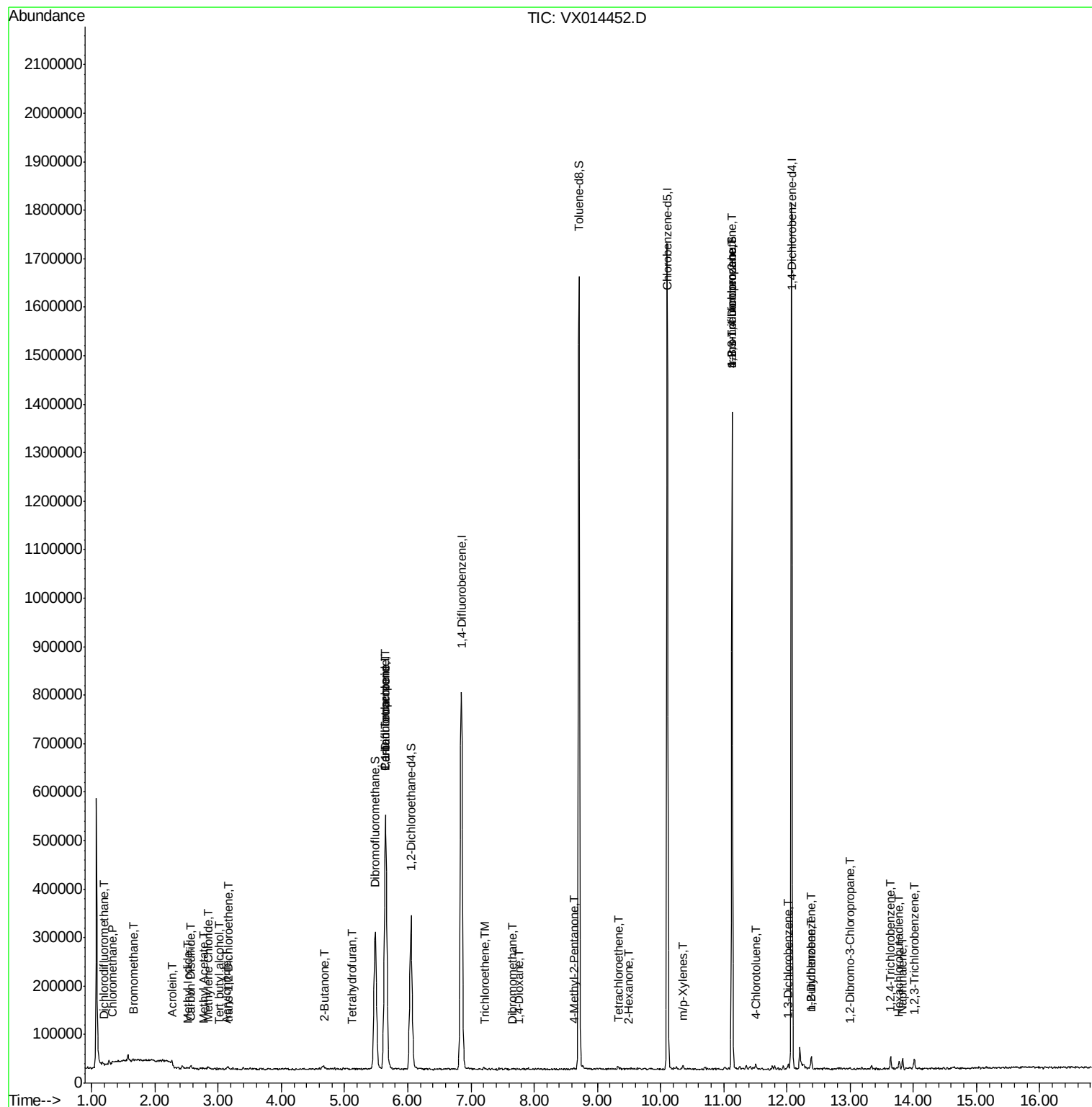
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	12147	0.425	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.02	180	5264	0.315	ug/l	96

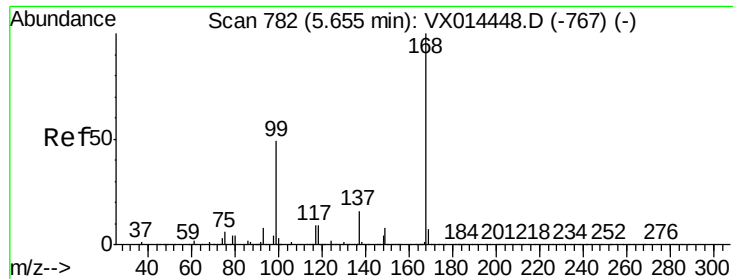
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

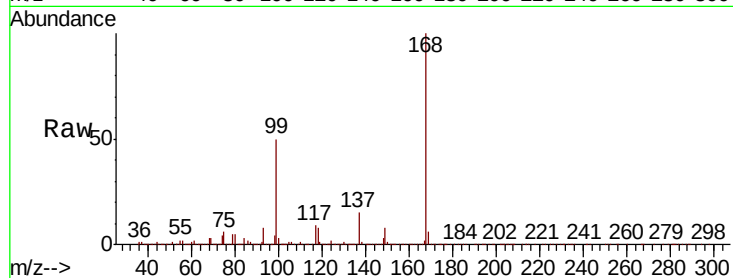
VX0107WBL01

Tot Ion:168 Resp: 545232

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

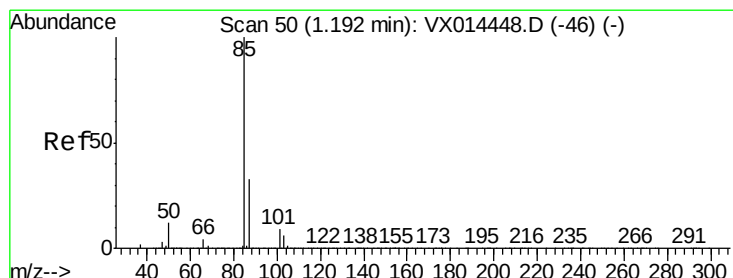
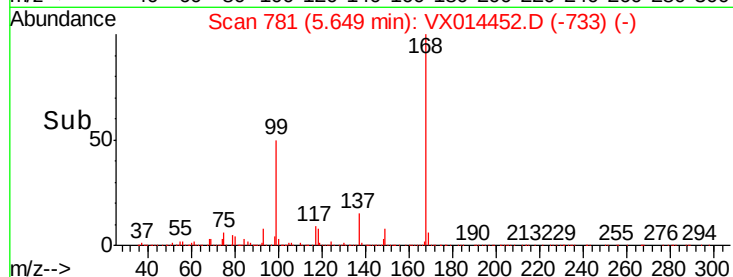
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.344 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014452.D

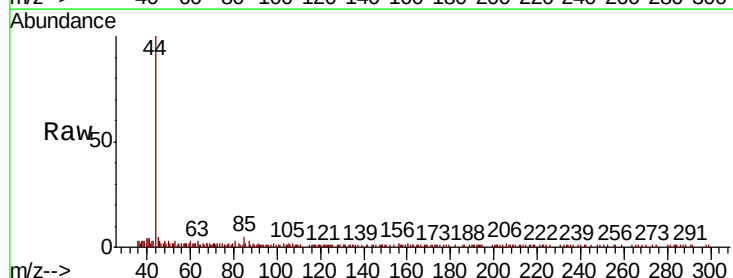
Acq: 07 Jan 2020 16:50

Tgt Ion: 85 Resp: 623

Ion Ratio Lower Upper

85 100

87 29.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

800

600

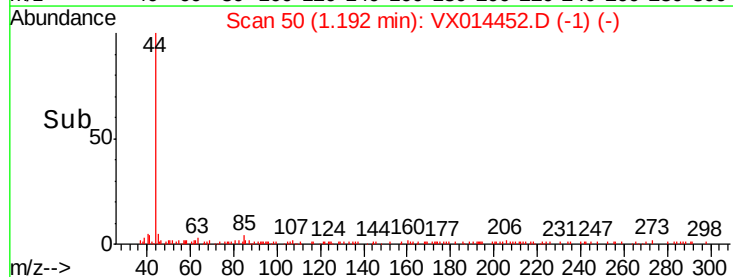
400

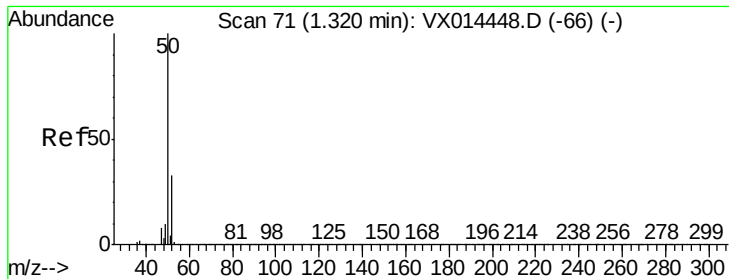
200

0

1.14 1.16 1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

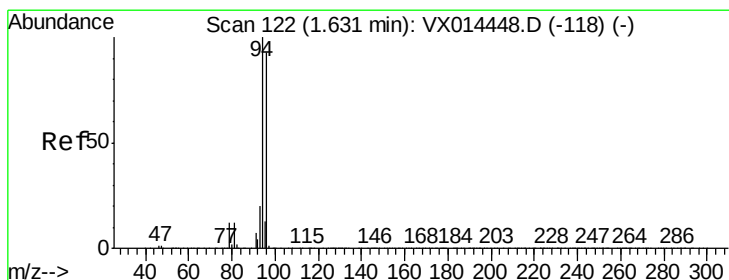
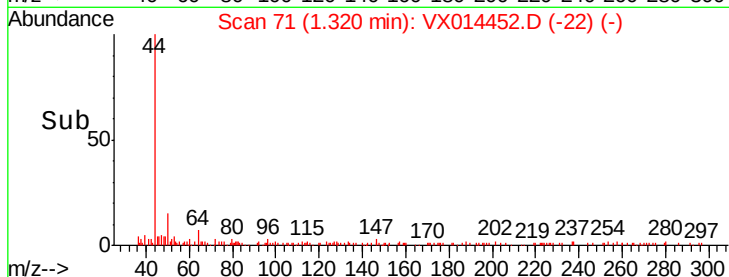
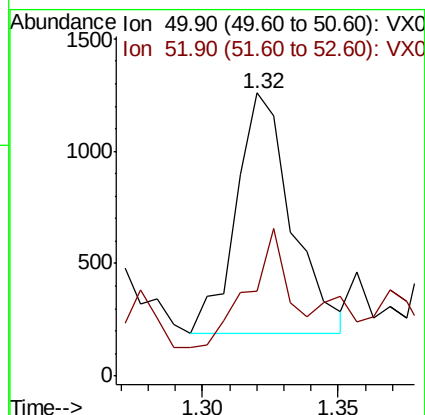
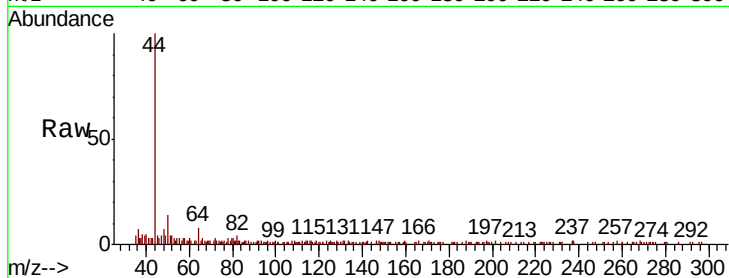
VX0107WBL01

Tot Ion: 50 Resp: 1510

Ion Ratio Lower Upper

50 100

52 26.2 26.1 39.1



#5

Bromomethane

Concen: 0.749 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014452.D

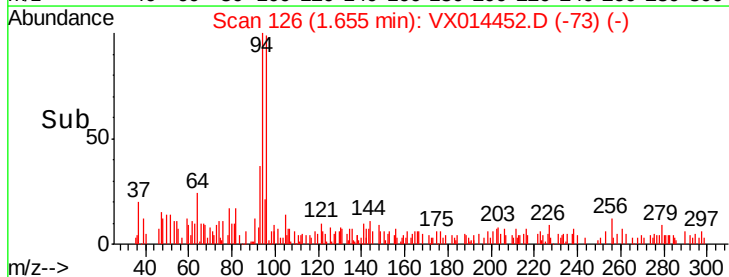
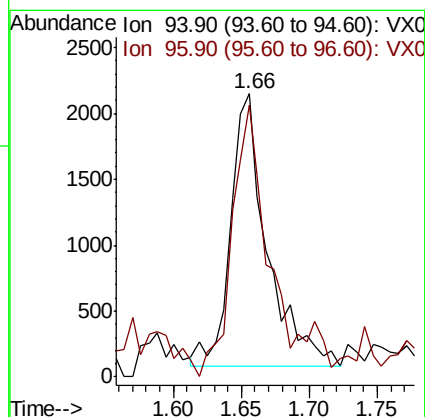
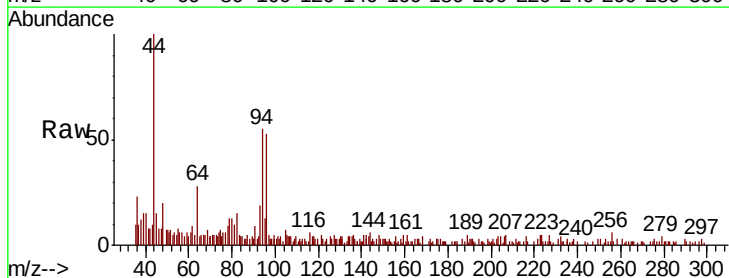
Acq: 07 Jan 2020 16:50

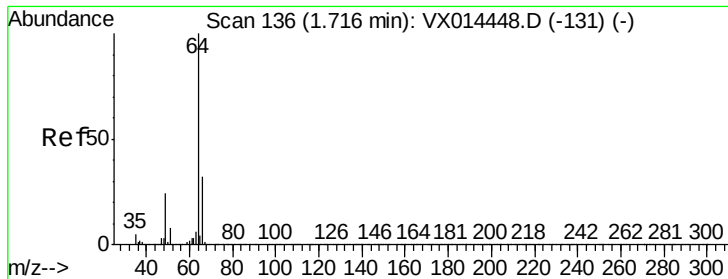
Tgt Ion: 94 Resp: 3844

Ion Ratio Lower Upper

94 100

96 93.8 74.2 111.2





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

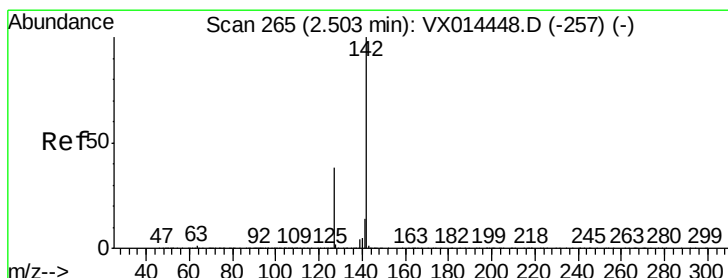
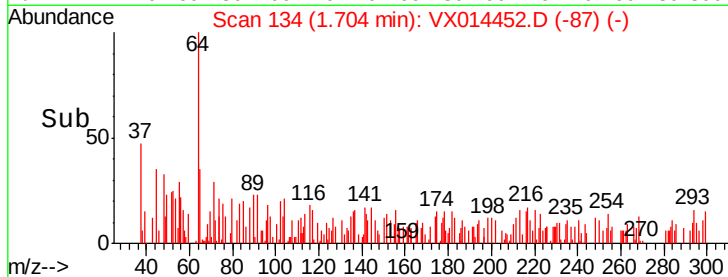
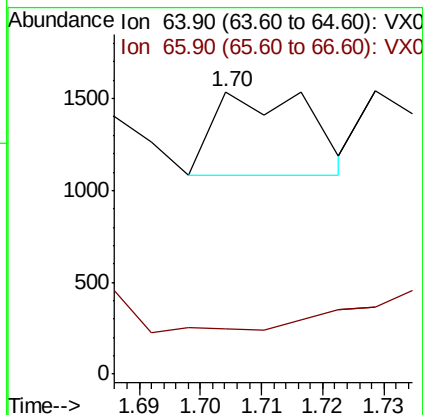
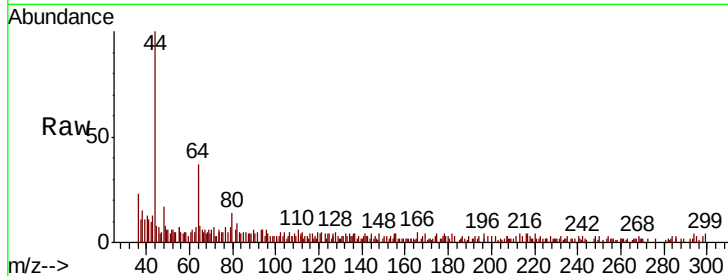
VX0107WBL01

Tot Ion: 64 Resp: 495

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



#10

Methyl Iodide

Concen: 0.468 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

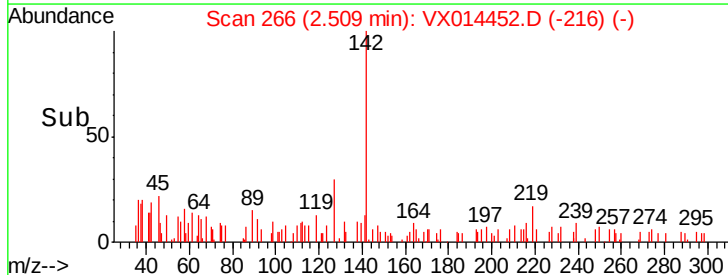
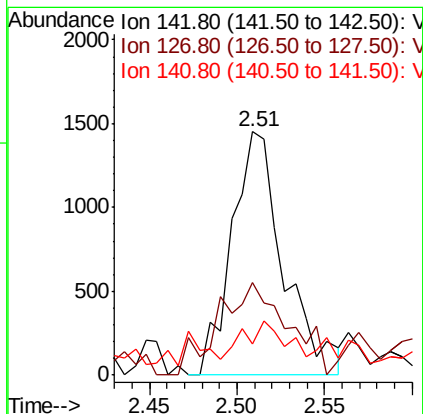
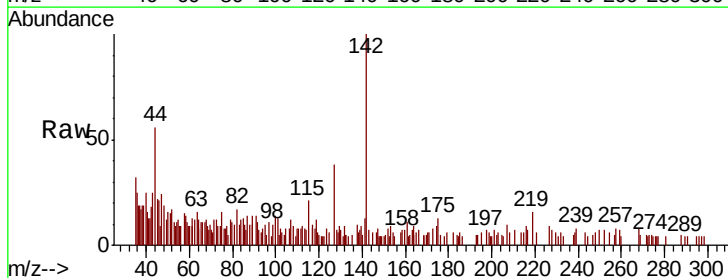
Tgt Ion: 142 Resp: 2994

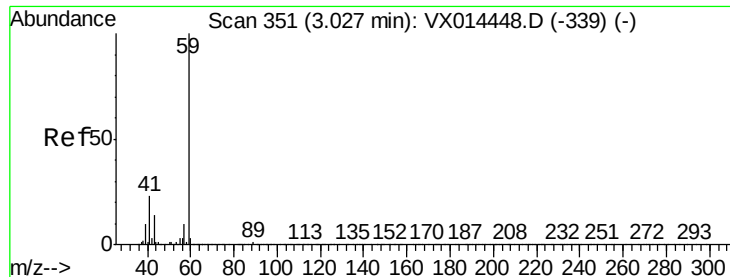
Ion Ratio Lower Upper

142 100

127 51.2 31.2 46.8#

141 17.6 11.4 17.2#



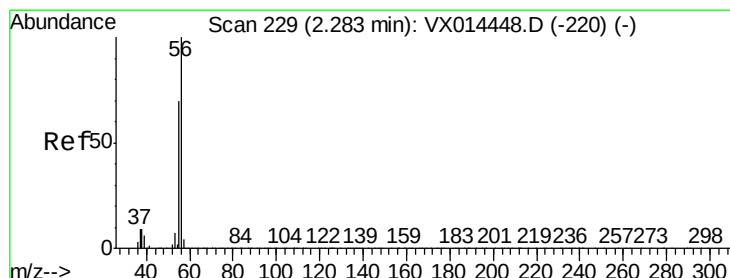
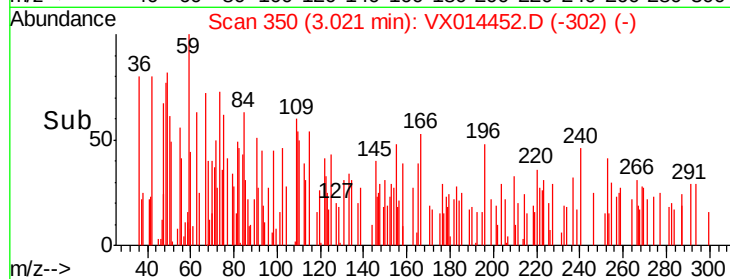
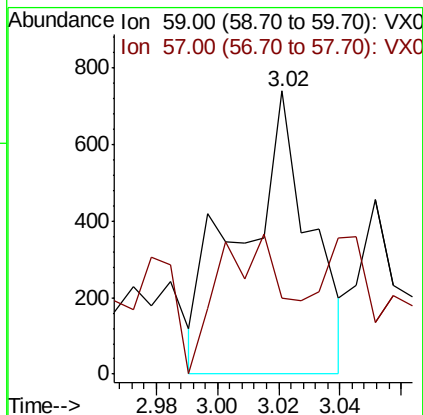
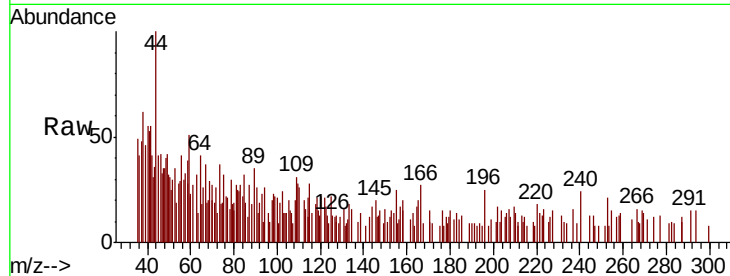


#11

Tert butyl alcohol
 Concen: 0.906 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0107WBL01

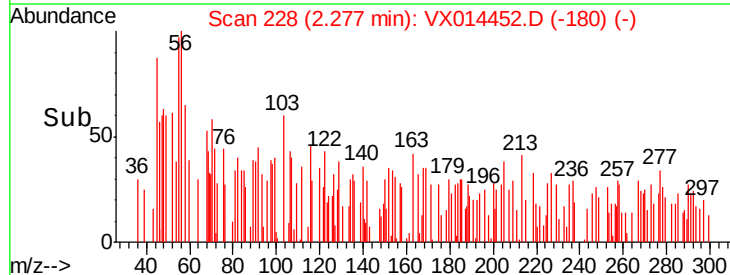
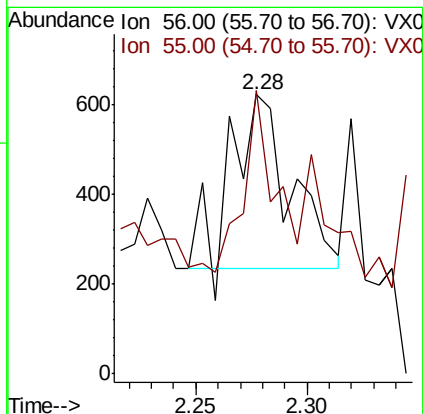
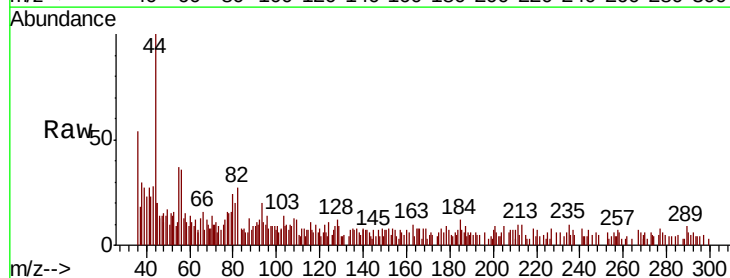
Tot Ion: 59 Resp: 1152
 Ion Ratio Lower Upper
 59 100
 57 48.4 8.5 12.7#

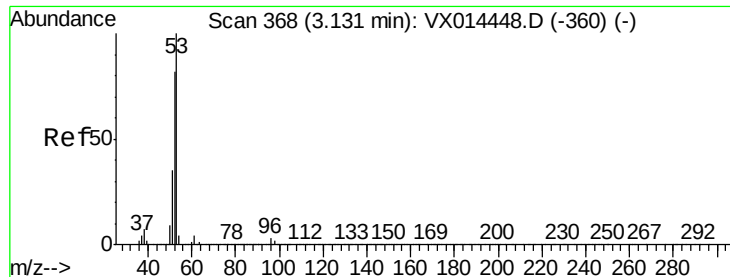


#13

Acrolein
 Concen: 0.705 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

Tgt Ion: 56 Resp: 718
 Ion Ratio Lower Upper
 56 100
 55 53.9 55.0 82.6#





#15

Acrylonitrile

Concen: 0.518 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampled :

VX0107WBL01

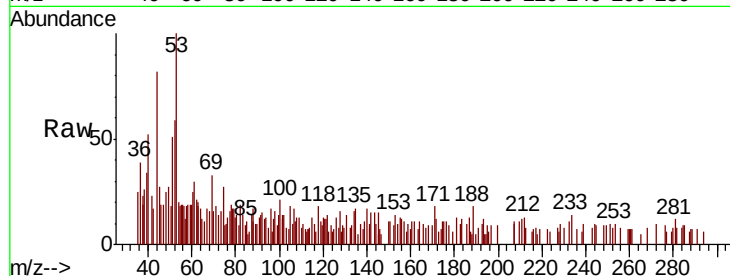
Tot Ion: 53 Resp: 1589

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

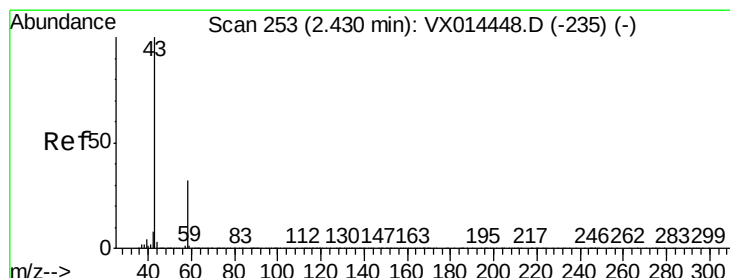
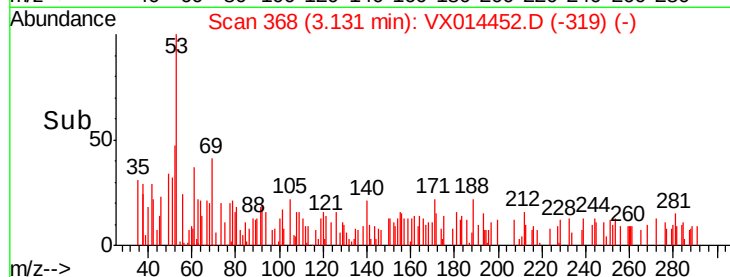
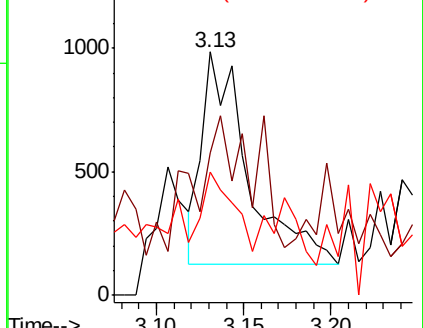
51 24.2 28.5 42.7#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014452.D

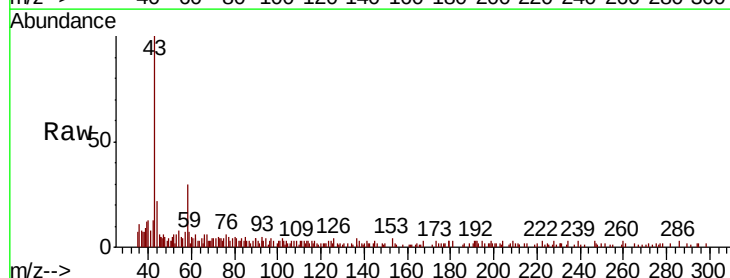
Acq: 07 Jan 2020 16:50

Tgt Ion: 43 Resp: 6215

Ion Ratio Lower Upper

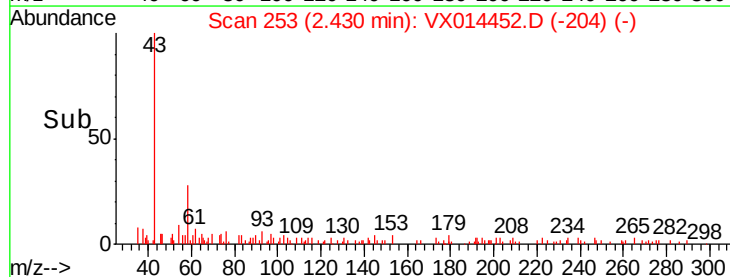
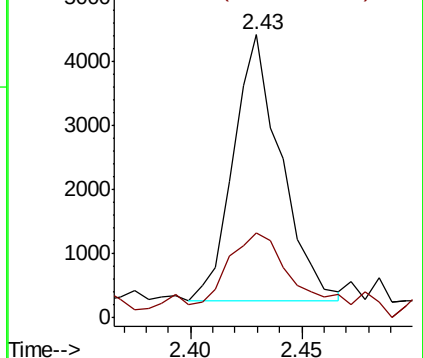
43 100

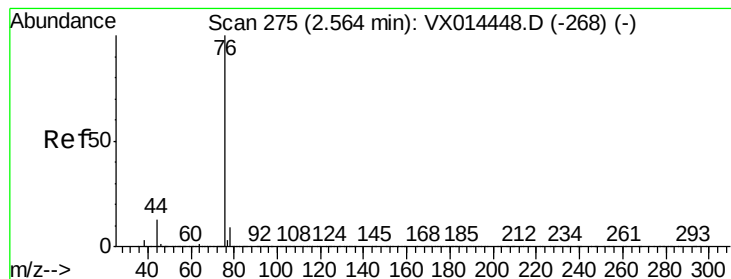
58 27.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.637 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

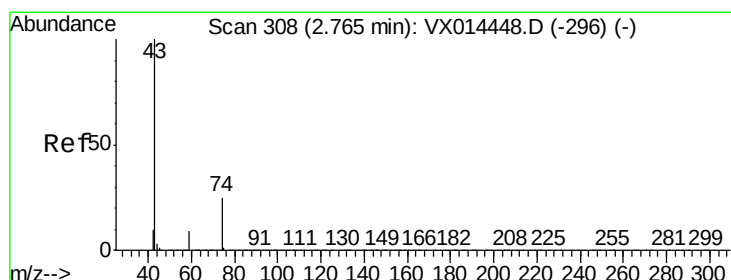
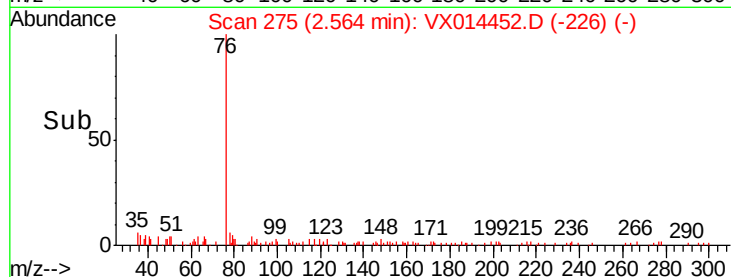
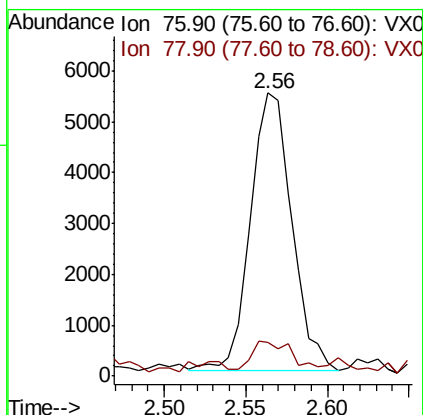
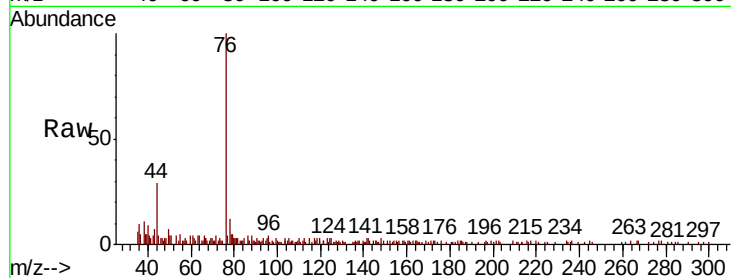
VX0107WBL01

Tot Ion: 76 Resp: 9564

Ion Ratio Lower Upper

76 100

78 6.9 7.4 11.2#



#18

Methyl Acetate

Concen: 0.306 ug/l

RT: 2.77 min Scan# 309

Delta R.T. 0.01 min

Lab File: VX014452.D

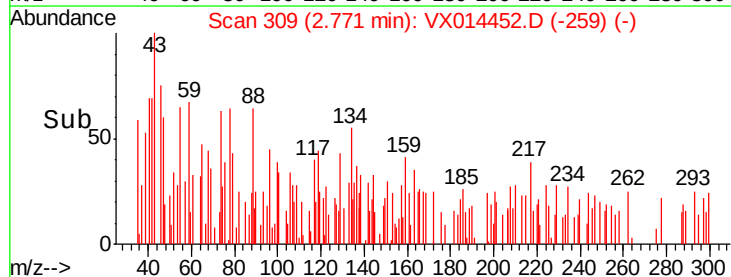
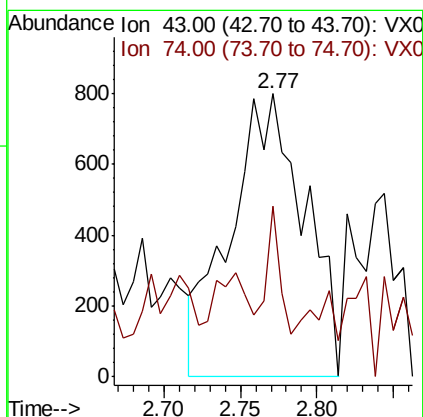
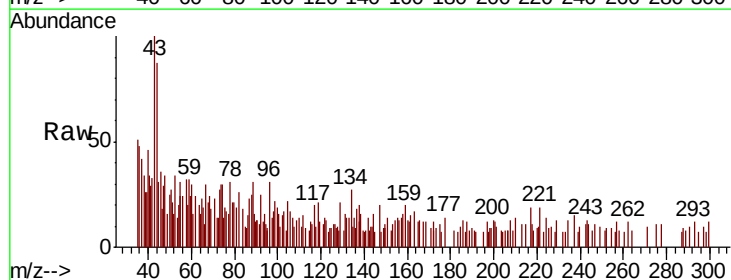
Acq: 07 Jan 2020 16:50

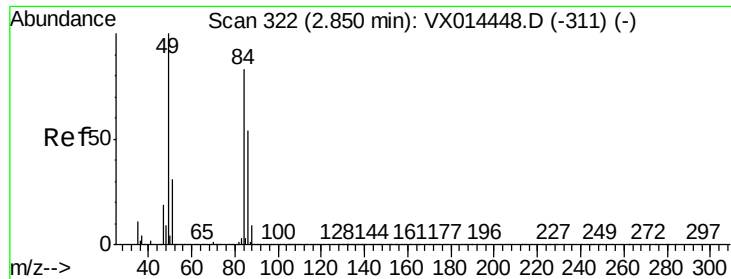
Tgt Ion: 43 Resp: 2680

Ion Ratio Lower Upper

43 100

74 7.8 19.4 29.2#

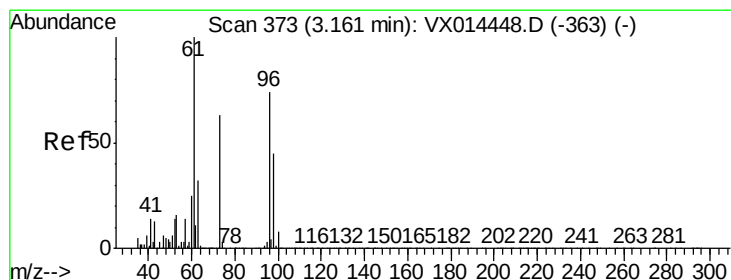
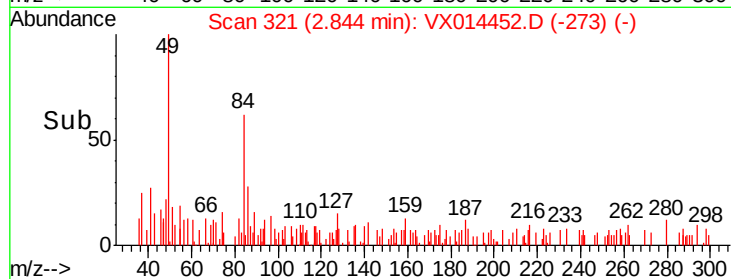
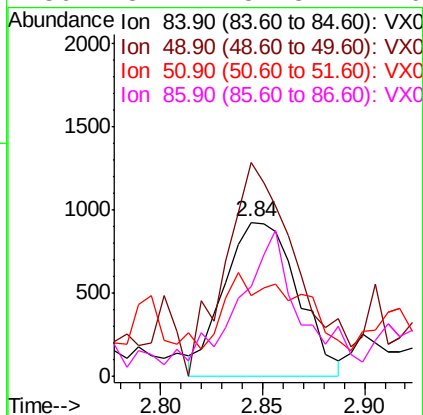
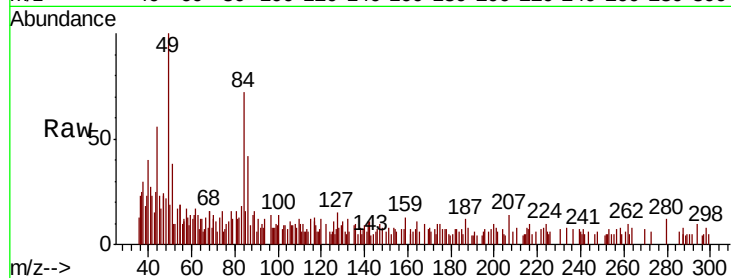




#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

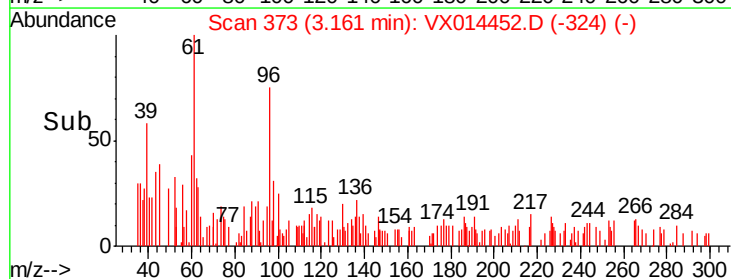
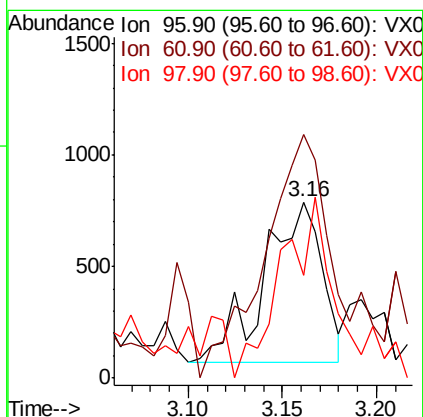
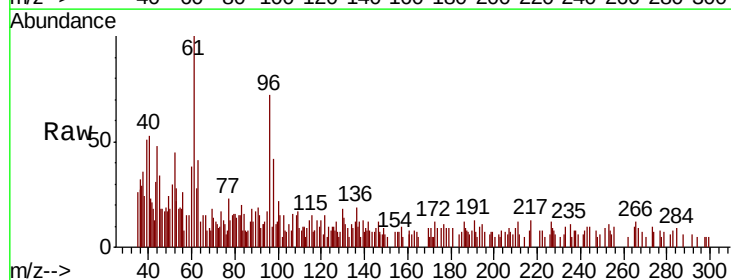
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBL01

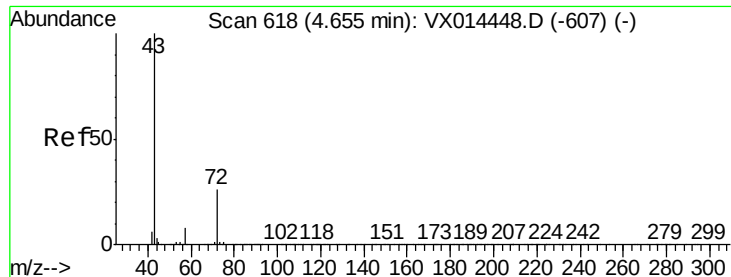
Tot Ion:	84	Resp:	2307
Ion	Ratio	Lower	Upper
84	100		
49	153.8	95.8	143.8#
51	31.8	30.2	45.4
86	32.4	51.8	77.6#



#21
trans-1,2-Dichloroethene
Concen: 0.264 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

Tgt Ion:	96	Resp:	1551
Ion	Ratio	Lower	Upper
96	100		
61	103.7	108.2	162.4#
98	31.6	48.8	73.2#





#25

2-Butanone

Concen: 0.799 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

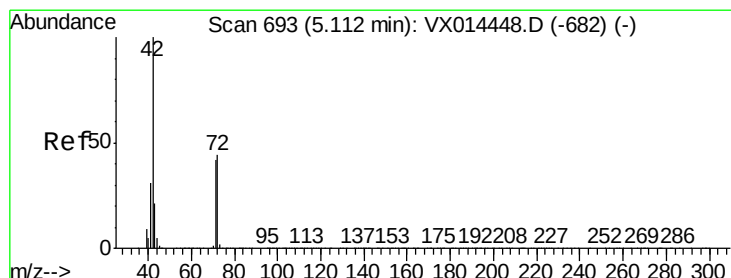
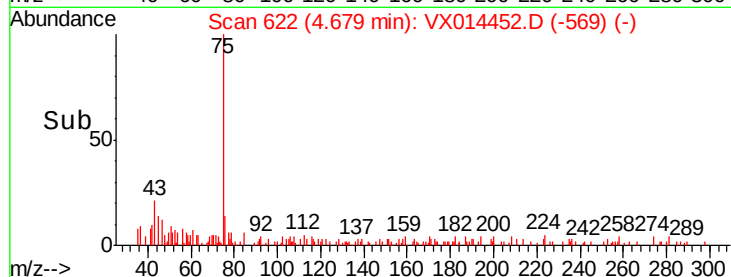
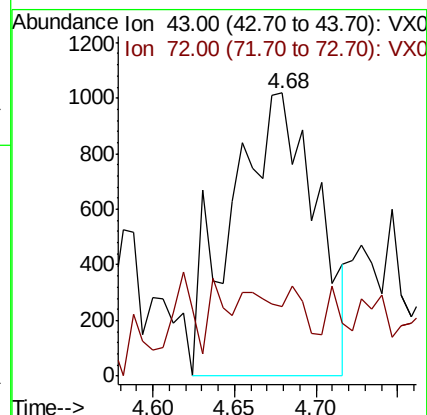
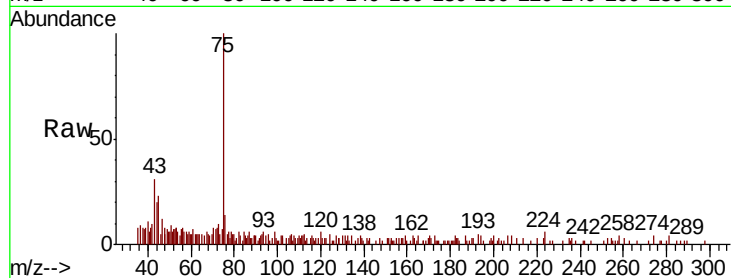
VX0107WBL01

Tot Ion: 43 Resp: 3634

Ion Ratio Lower Upper

43 100

72 5.9 20.6 31.0#



#29

Tetrahydrofuran

Concen: 0.211 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

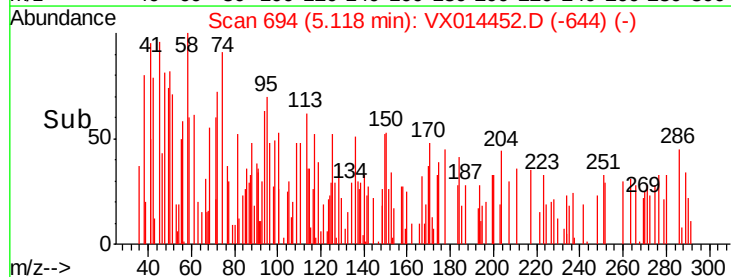
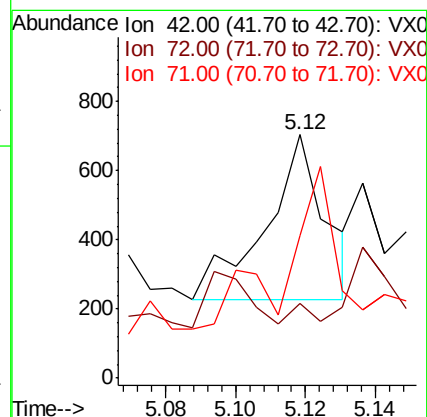
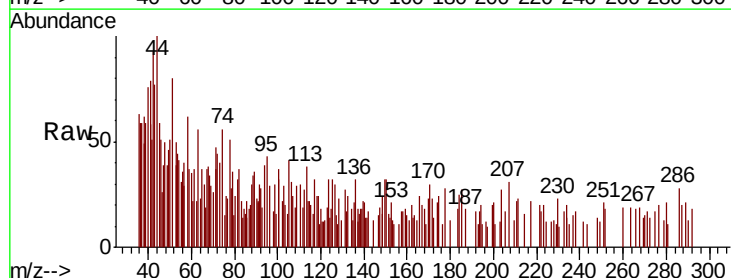
Tgt Ion: 42 Resp: 568

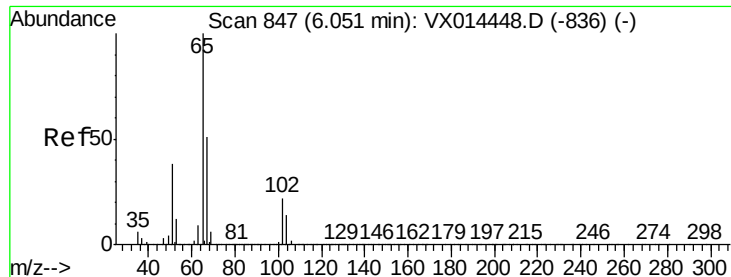
Ion Ratio Lower Upper

42 100

72 27.3 36.2 54.4#

71 94.7 34.1 51.1#





#33

1,2-Dichloroethane-d4

Concen: 48.300 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

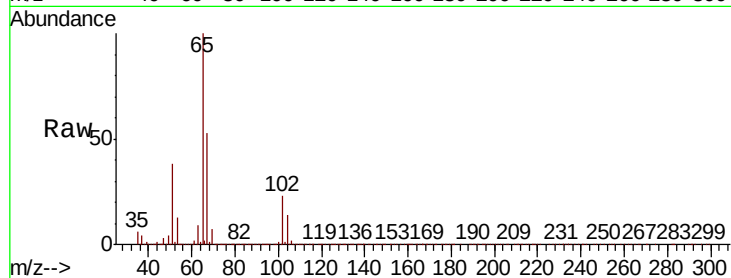
VX0107WBL01

Tot Ion: 65 Resp: 293987

Ion Ratio Lower Upper

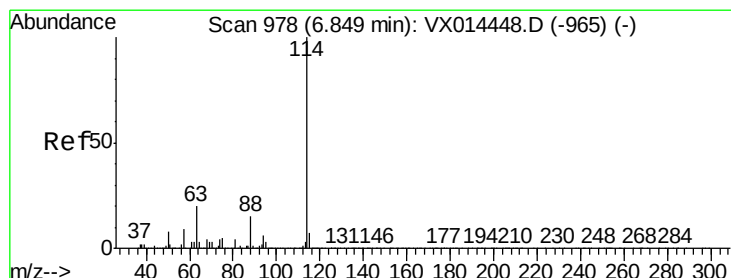
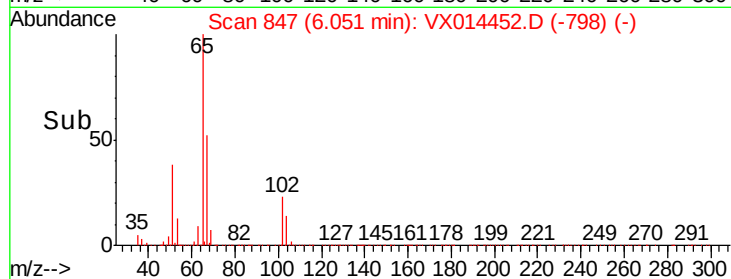
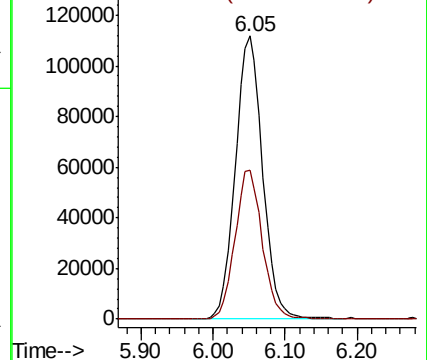
65 100

67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

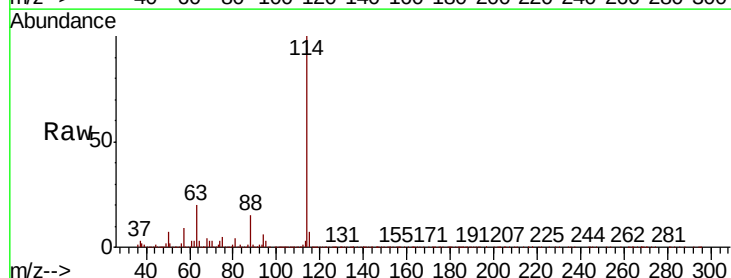
Tgt Ion: 114 Resp: 825724

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

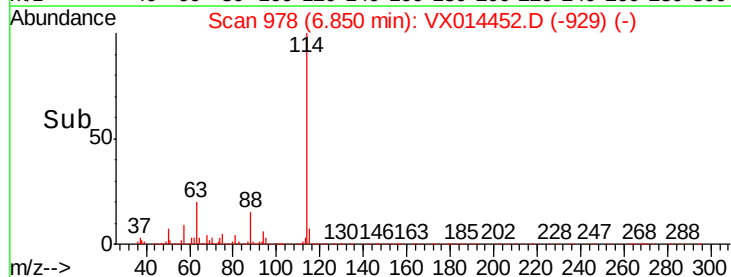
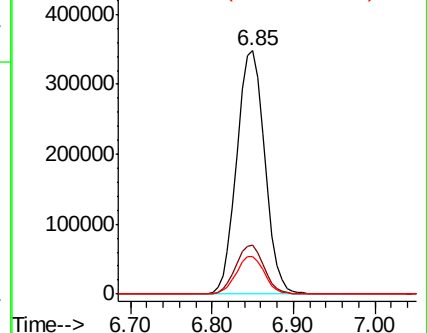
88 15.2 0.0 30.8

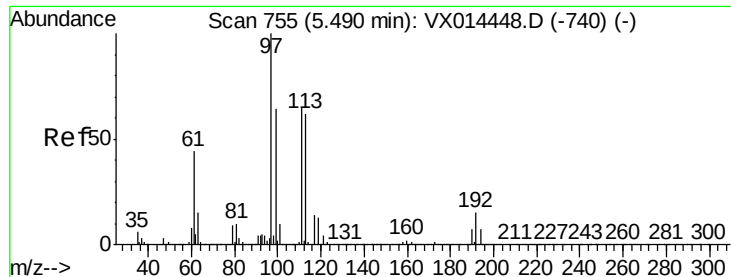


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.781 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBL01

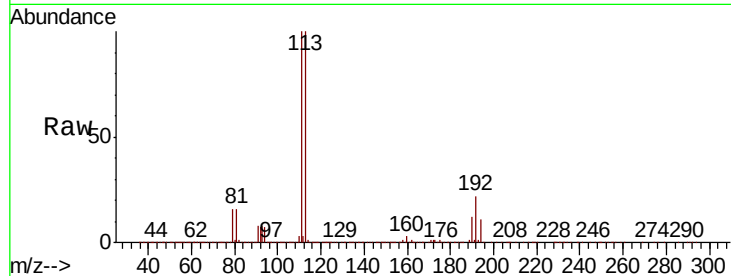
Tot Ion:113 Resp: 243830

Ion Ratio Lower Upper

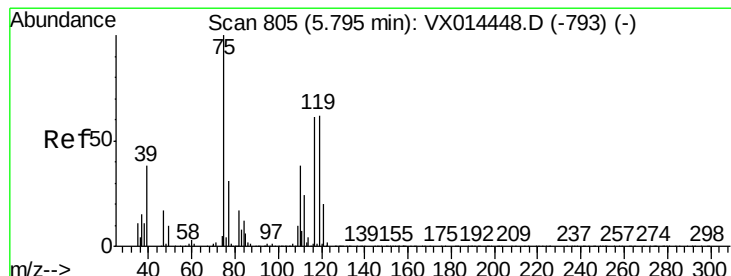
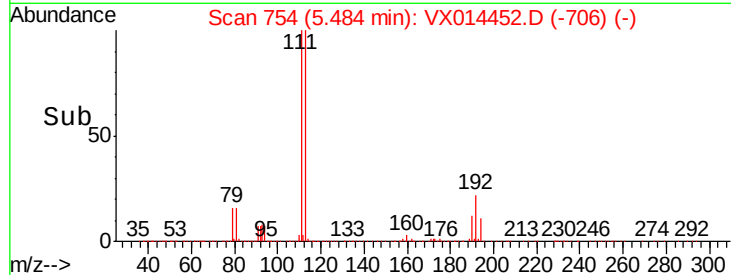
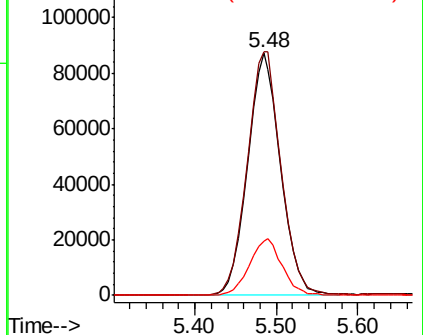
113 100

111 103.0 81.5 122.3

192 23.0 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.633 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.15 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

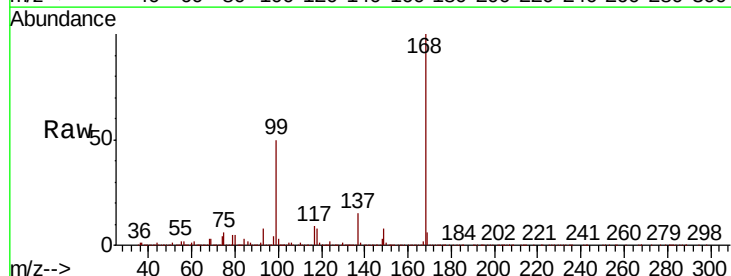
Tgt Ion: 75 Resp: 35977

Ion Ratio Lower Upper

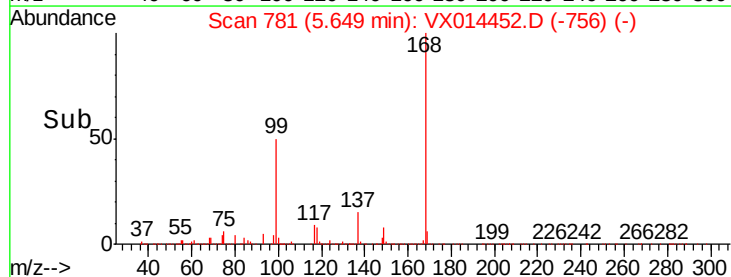
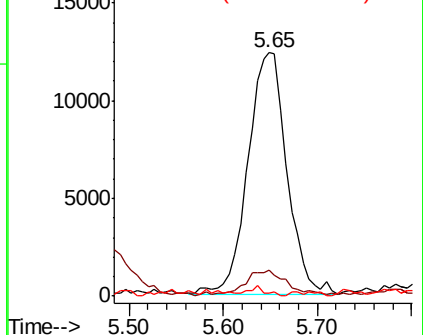
75 100

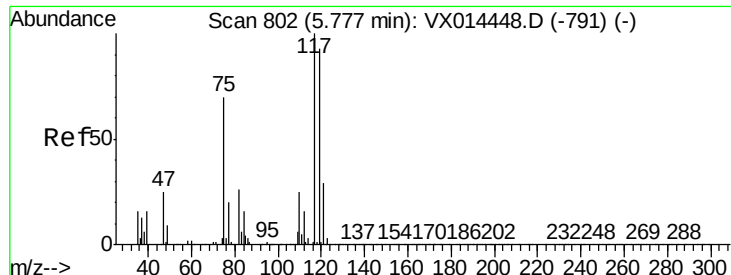
110 11.2 18.6 55.8#

77 1.6 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.619 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBL01

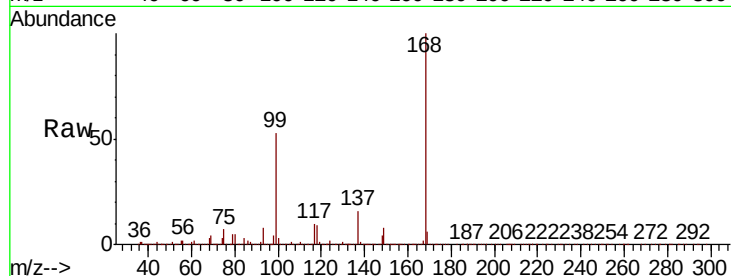
Tot Ion:117 Resp: 47298

Ion Ratio Lower Upper

117 100

119 4.3 73.8 110.8#

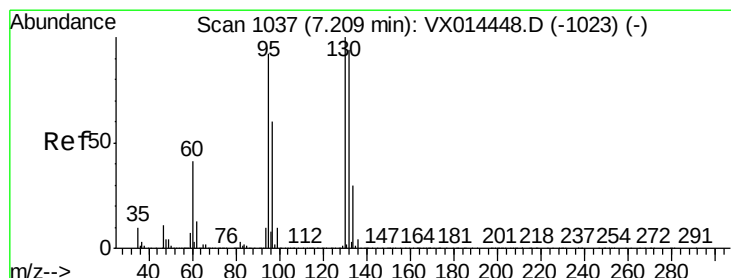
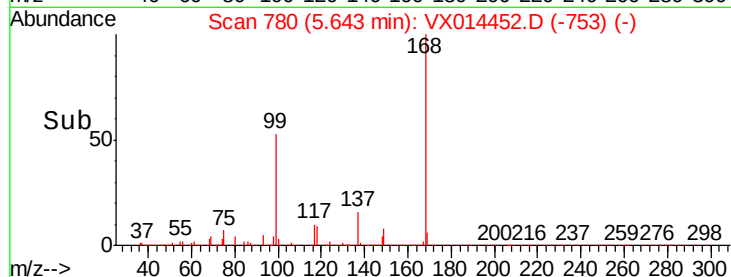
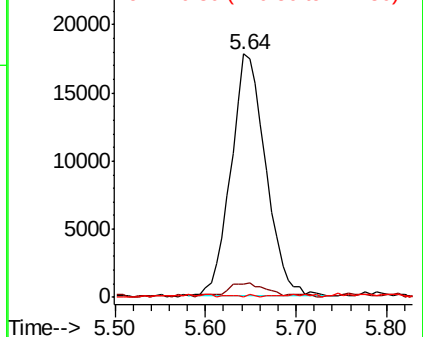
121 0.0 23.4 35.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.241 ug/l

RT: 7.22 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VX014452.D

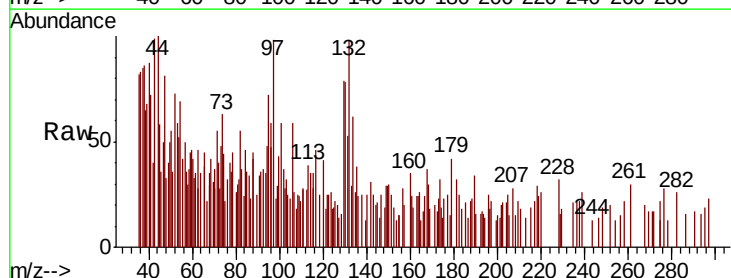
Acq: 07 Jan 2020 16:50

Tgt Ion:130 Resp: 1594

Ion Ratio Lower Upper

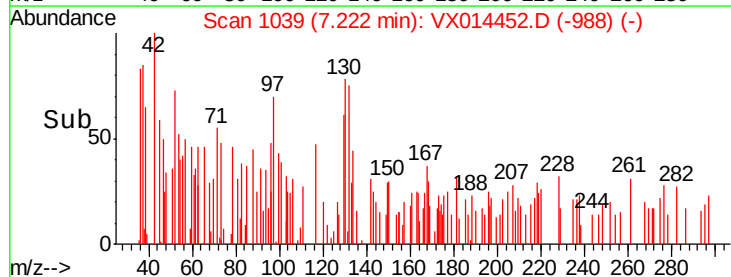
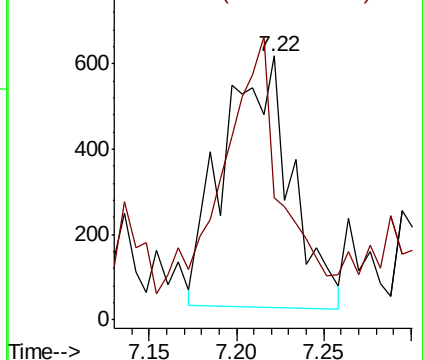
130 100

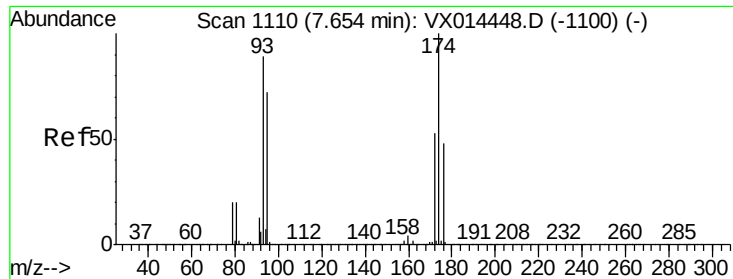
95 33.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#46

Dibromomethane

Concen: 0.244 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBL01

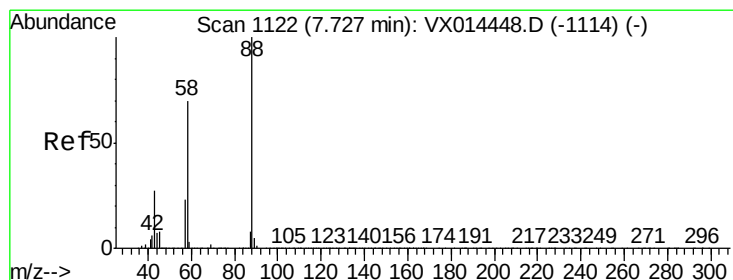
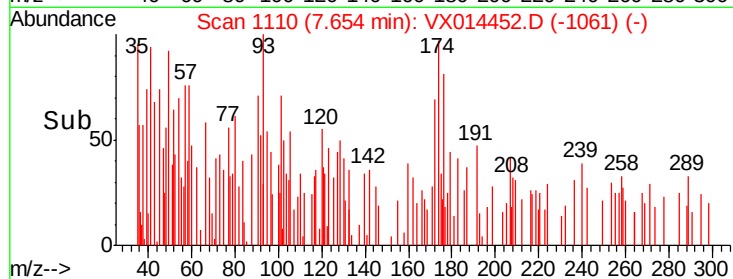
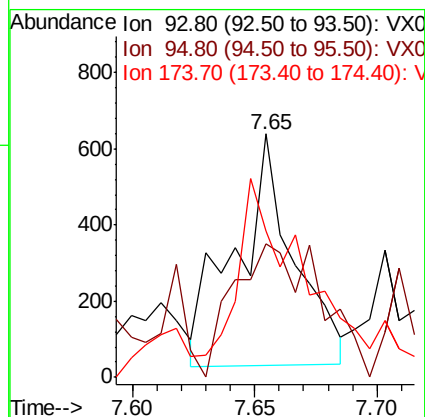
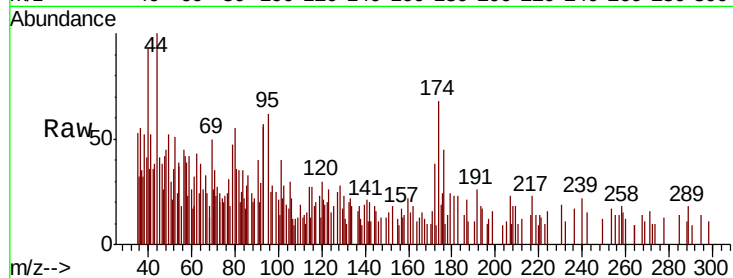
Tot Ion: 93 Resp: 999

Ion Ratio Lower Upper

93 100

95 87.9 65.4 98.2

174 81.9 93.0 139.4#



#49

1,4-Dioxane

Concen: 3.406 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.02 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

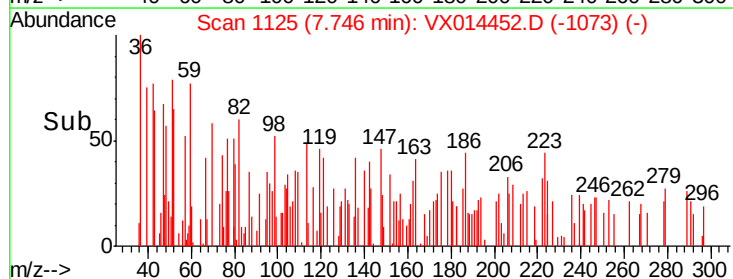
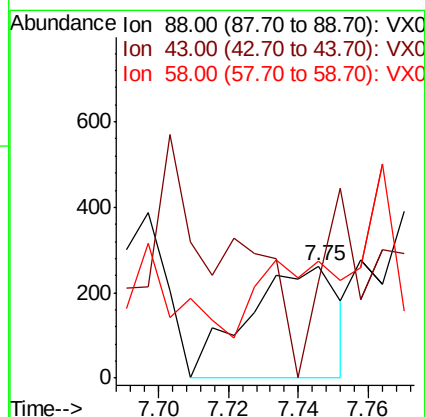
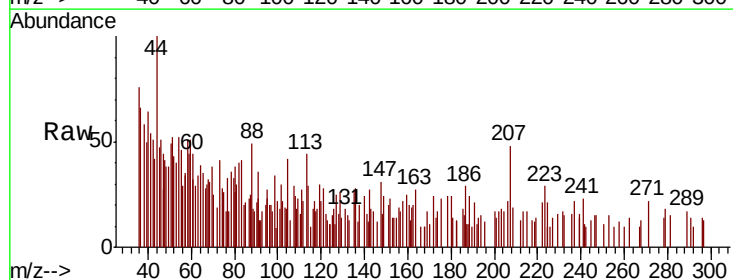
Tgt Ion: 88 Resp: 471

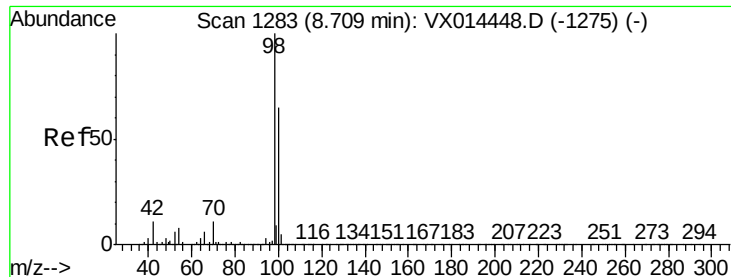
Ion Ratio Lower Upper

88 100

43 112.5 27.4 41.0#

58 70.5 57.1 85.7





#50

Toluene-d8

Concen: 50.223 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

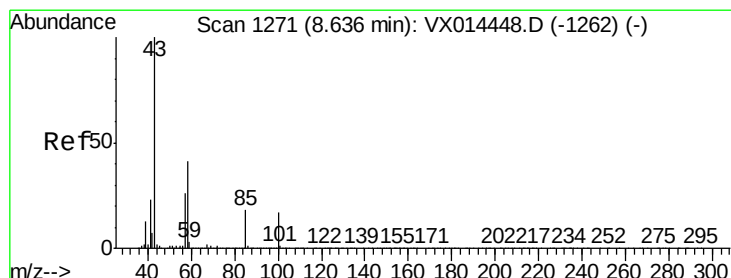
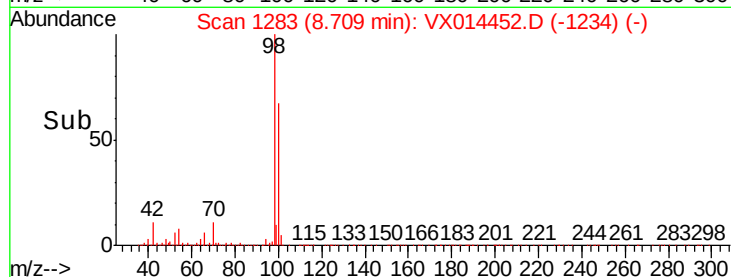
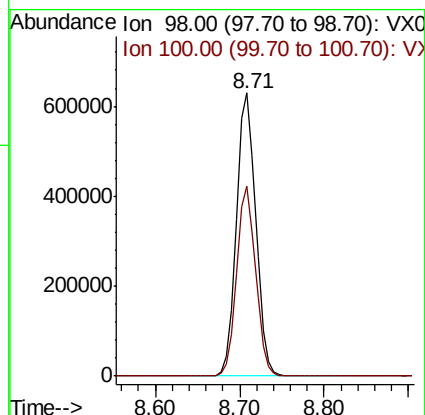
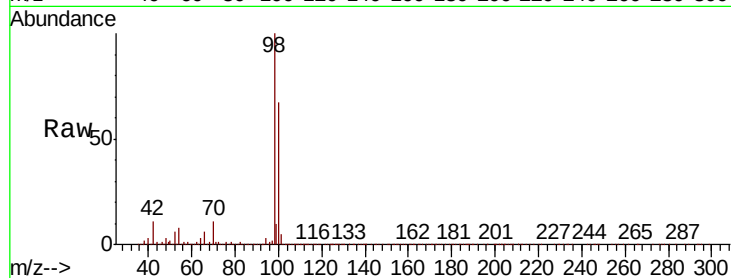
VX0107WBL01

Tot Ion: 98 Resp: 974196

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.332 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014452.D

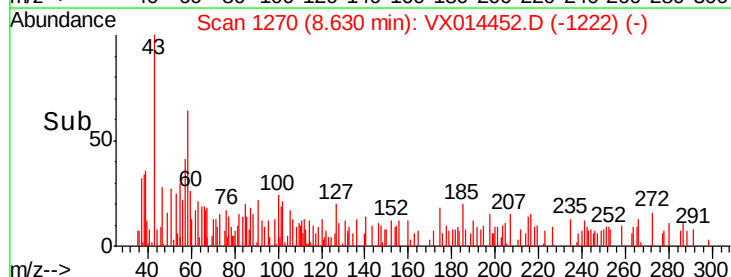
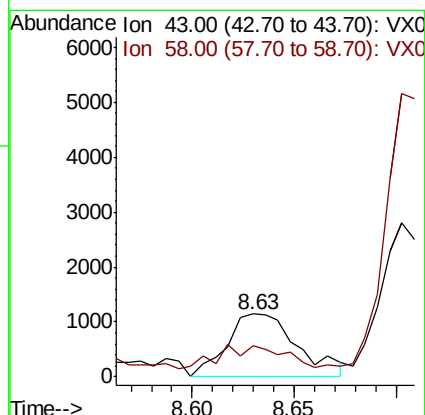
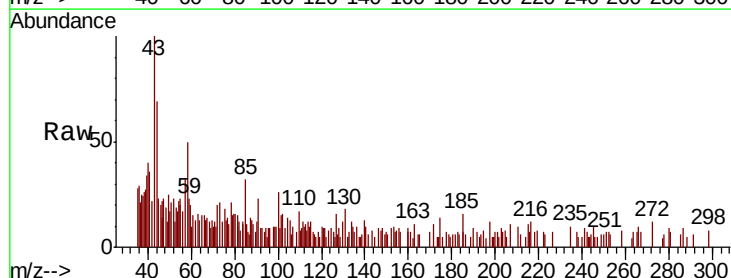
Acq: 07 Jan 2020 16:50

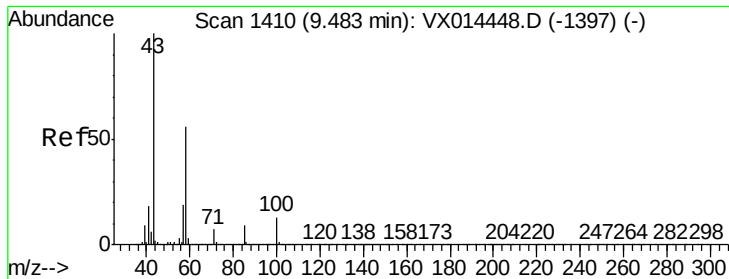
Tgt Ion: 43 Resp: 2757

Ion Ratio Lower Upper

43 100

58 34.2 32.4 48.6

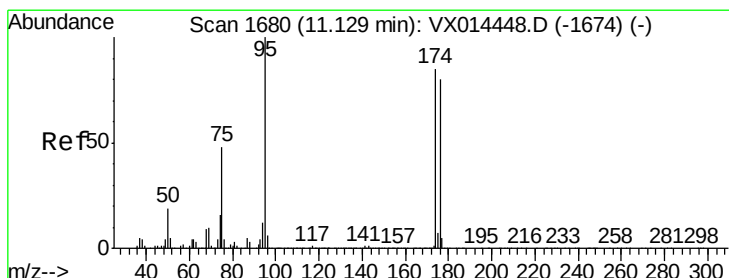
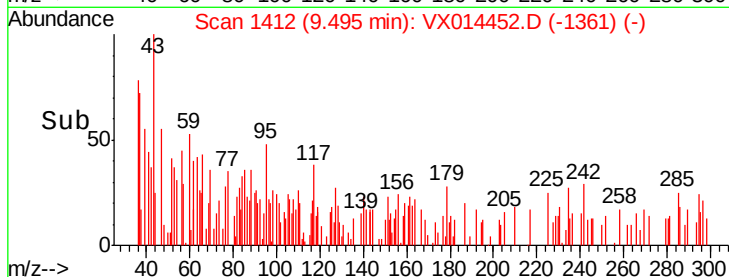
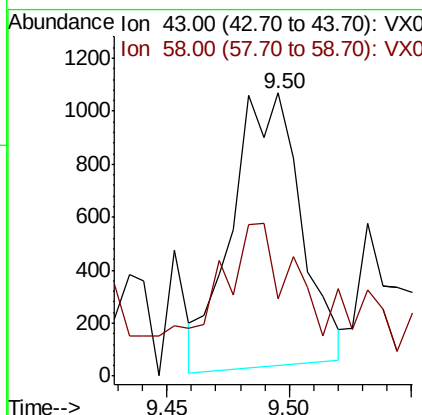
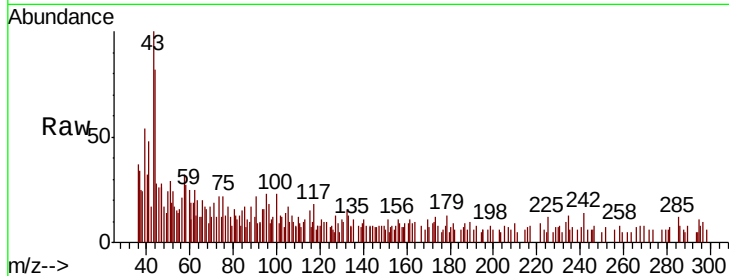




#59
2-Hexanone
Concen: 0.309 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

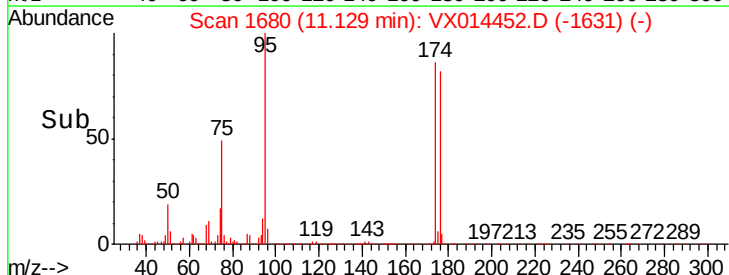
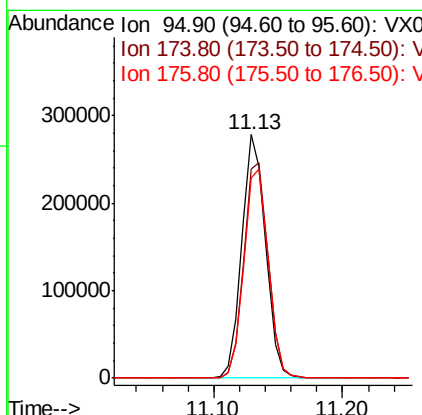
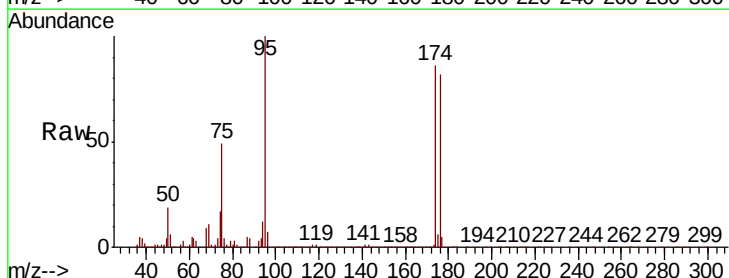
Instrument :
MSVOA_X
ClientSampled :
VX0107WBL01

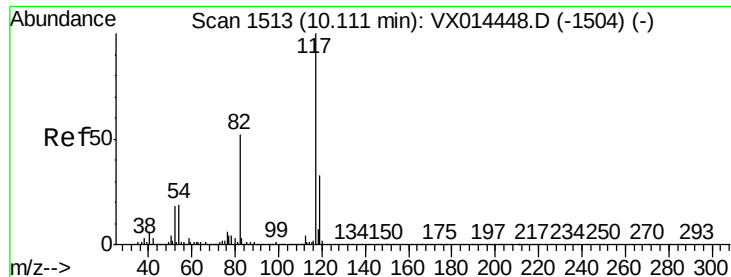
Tot Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 36.8 27.9 83.7



#62
4-Bromofluorobenzene
Concen: 49.605 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

Tgt Ion: 95 Resp: 353234
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.8
176 88.1 0.0 172.8

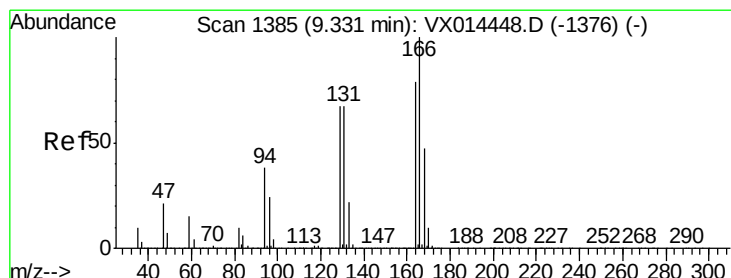
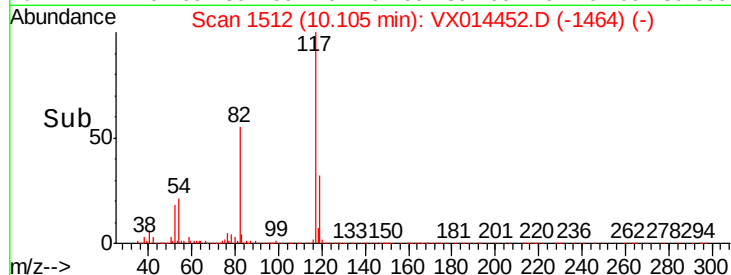
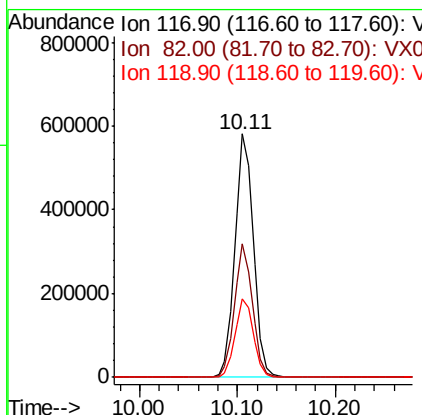
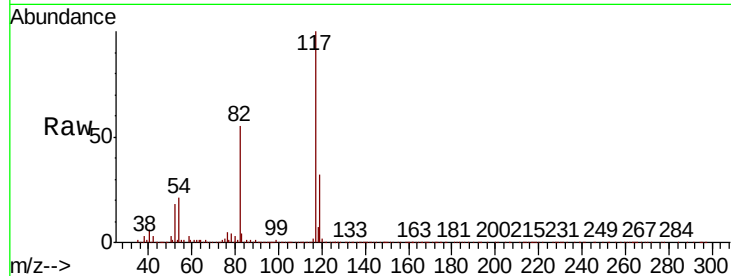




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

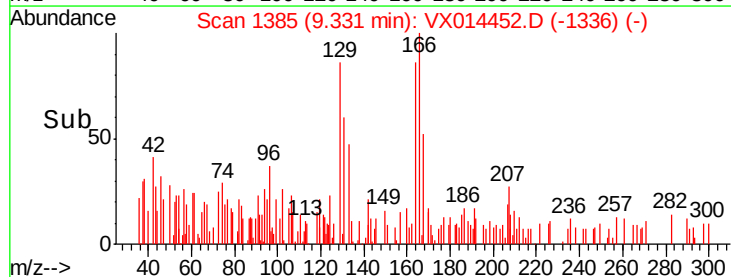
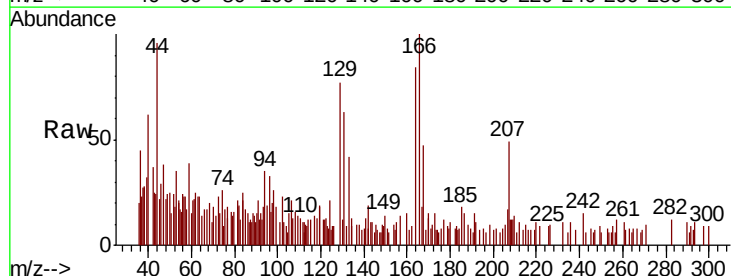
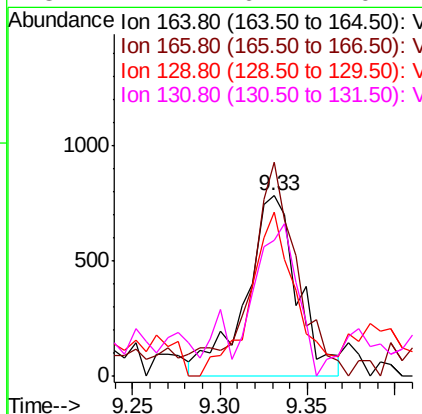
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBL01

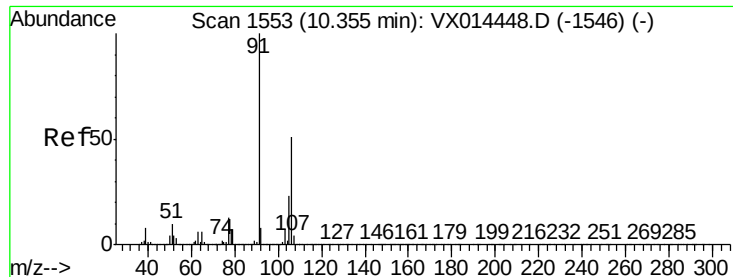
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.6
119	32.4	26.2	39.4



#64
Tetrachloroethene
Concen: 0.211 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	101.2	151.8
129	92.2	68.3	102.5
131	71.4	67.4	101.2





#68

m/p-Xvlenes

Concen: 0.297 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

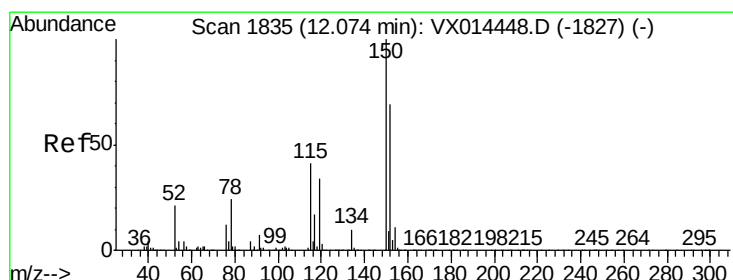
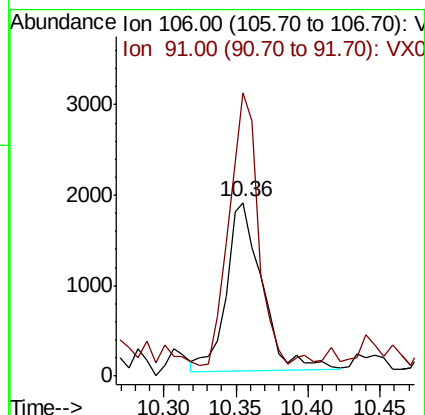
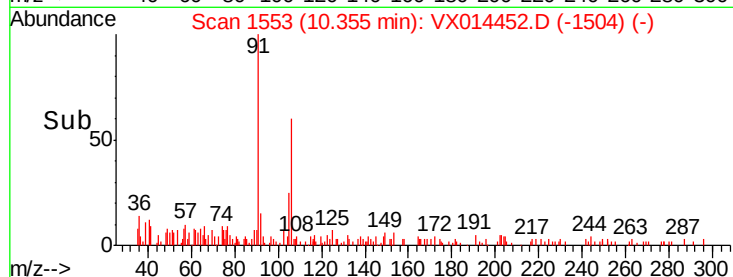
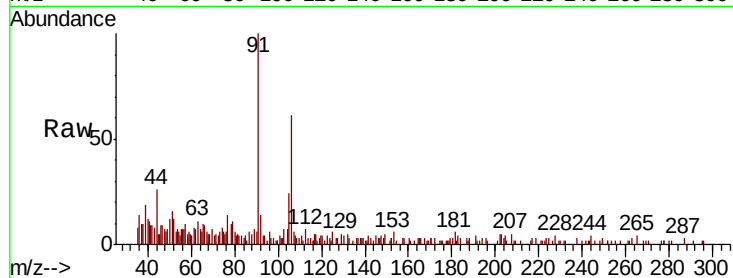
VX0107WBL01

Tot Ion:106 Resp: 3232

Ion Ratio Lower Upper

106 100

91 131.5 157.4 236.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

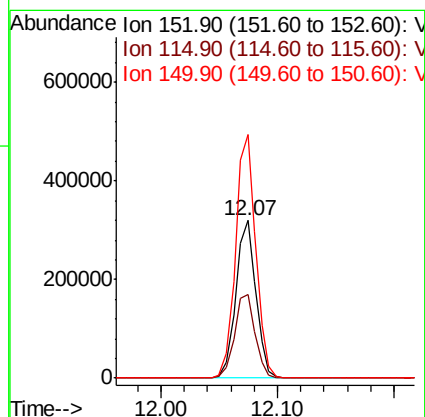
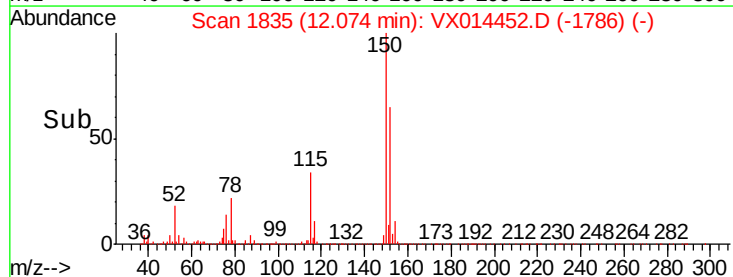
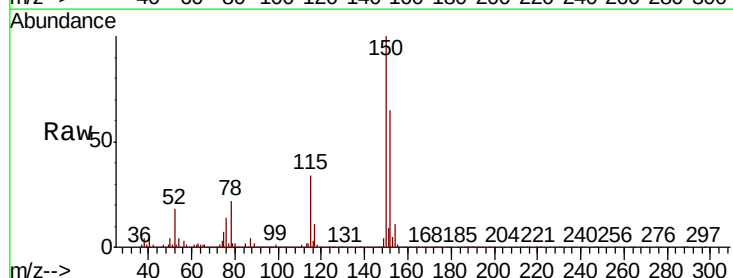
Tgt Ion:152 Resp: 383168

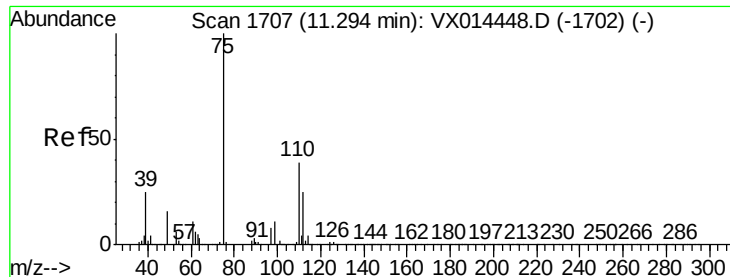
Ion Ratio Lower Upper

152 100

115 54.2 39.5 118.3

150 155.3 0.0 350.2

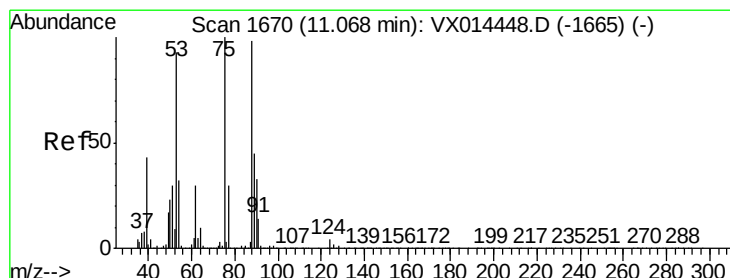
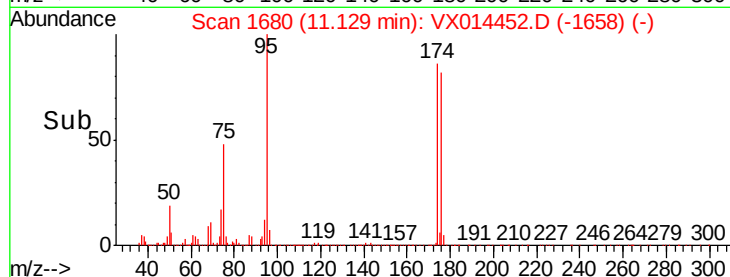
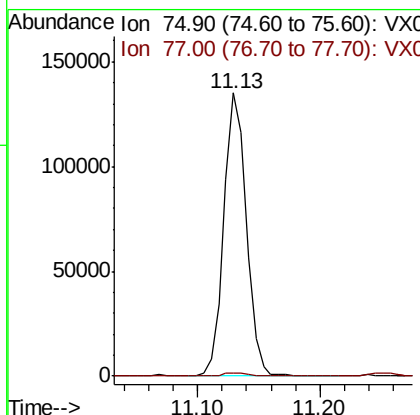
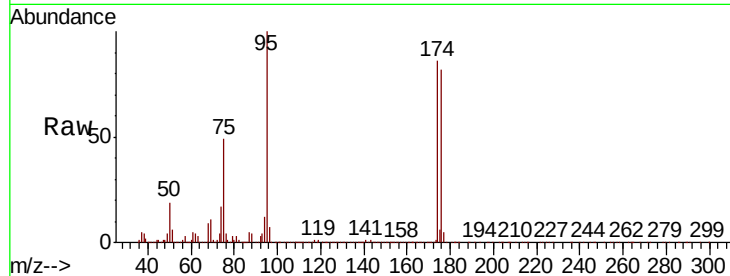




#76
 1,2,3-Trichloropropane
 Concen: 21.701 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

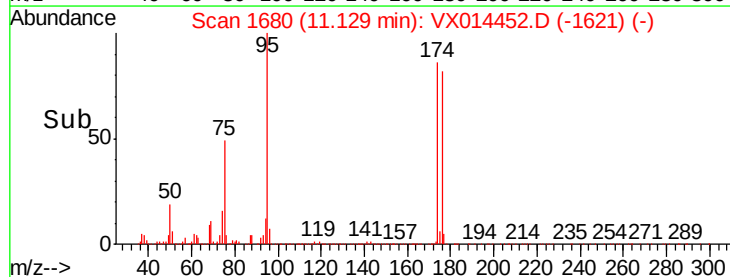
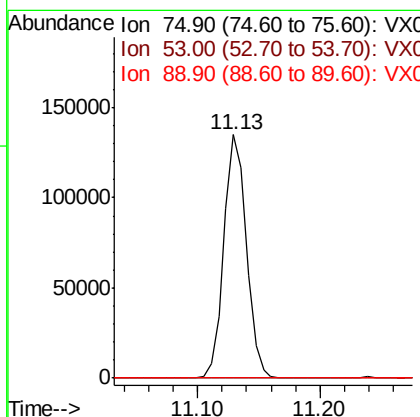
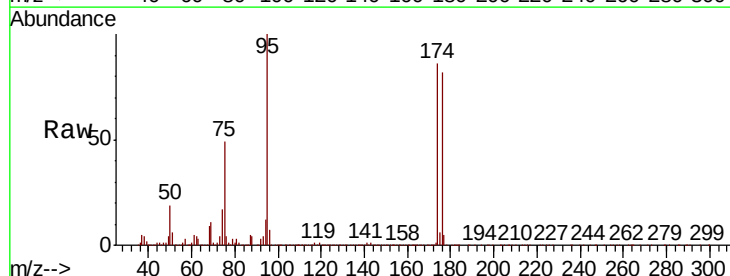
Instrument :
 MSVOA_X
 ClientSampled :
 VX0107WBL01

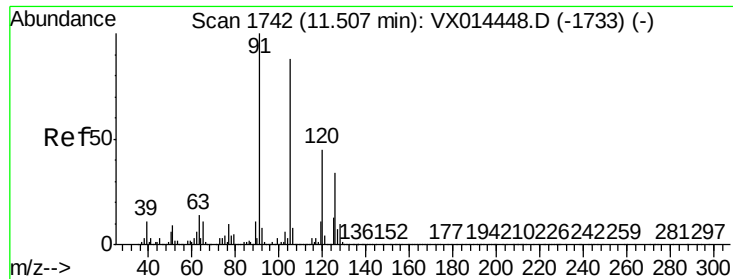
Tot Ion: 75 Resp: 172044
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.9 65.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.374 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

Tgt Ion: 75 Resp: 172044
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.8 112.2#
 89 0.0 36.3 54.5#

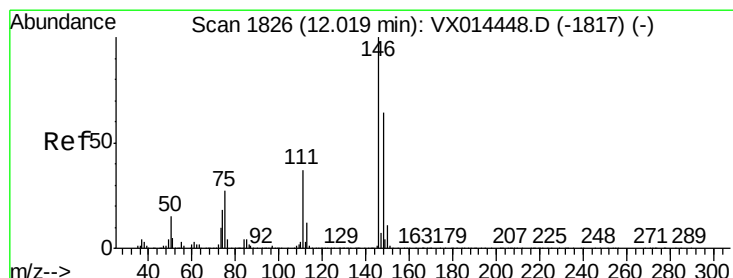
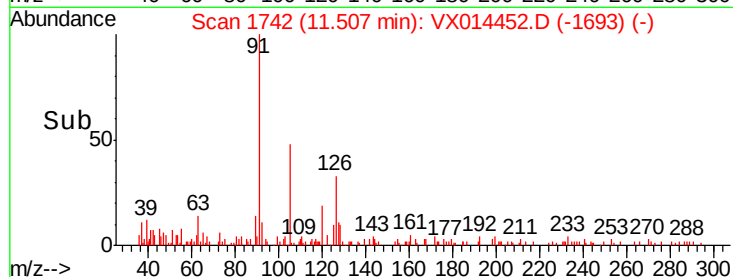
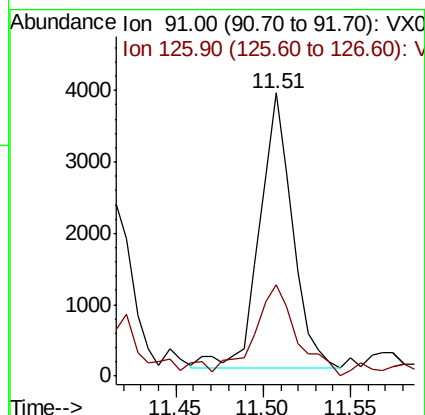
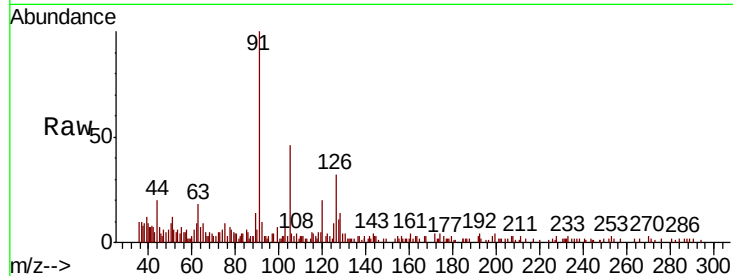




#82
4-Chlorotoluene
Concen: 0.234 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

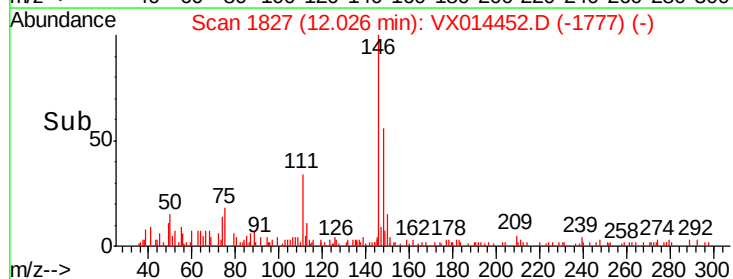
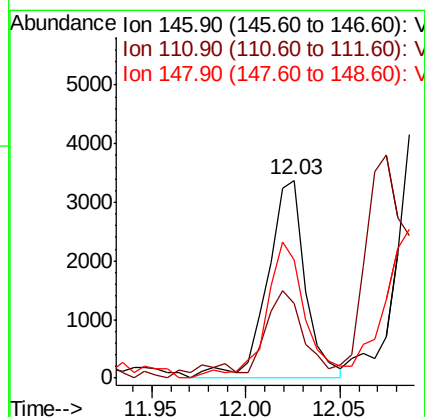
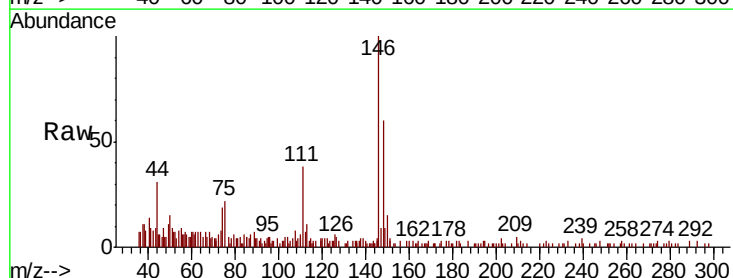
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBL01

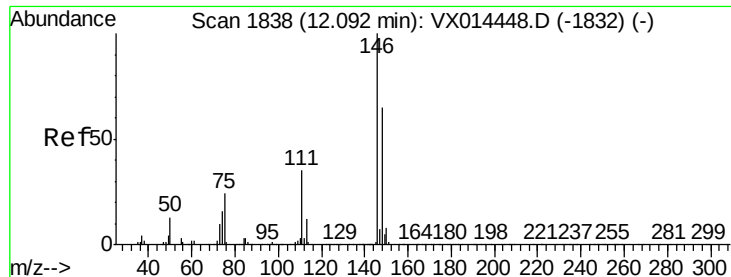
Tot Ion: 91 Resp: 5048
Ion Ratio Lower Upper
91 100
126 42.6 15.9 47.7



#87
1,3-Dichlorobenzene
Concen: 0.352 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

Tgt Ion: 146 Resp: 4714
Ion Ratio Lower Upper
146 100
111 40.9 18.9 56.7
148 70.5 32.2 96.6

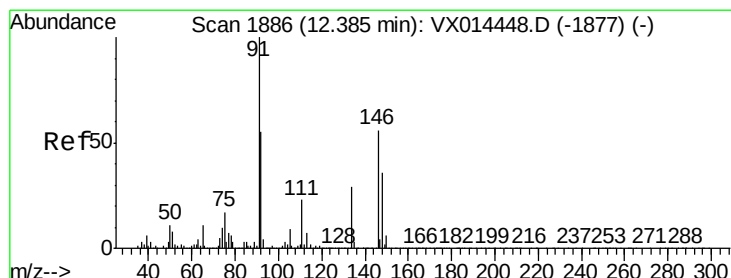
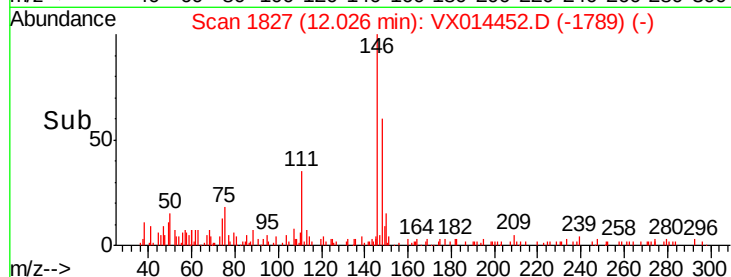
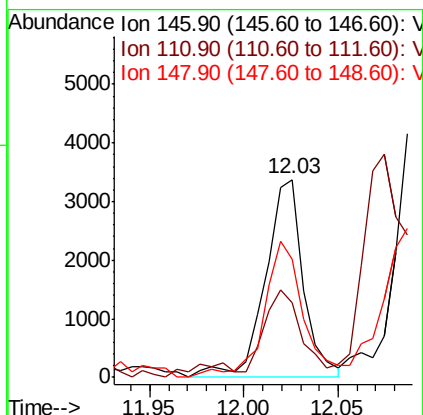
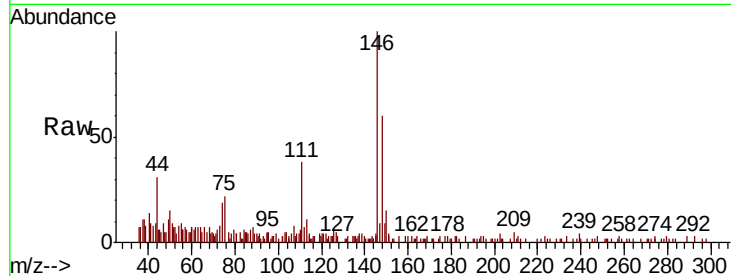




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.03 min Scan# 1827
 Delta R.T. -0.07 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

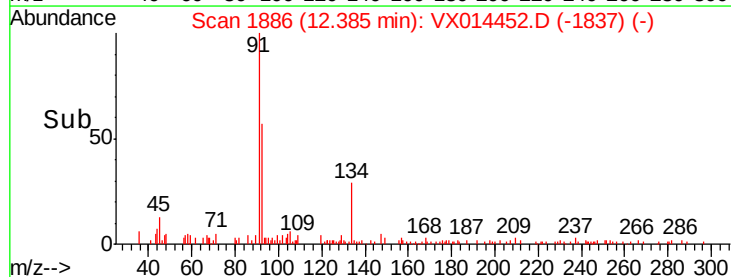
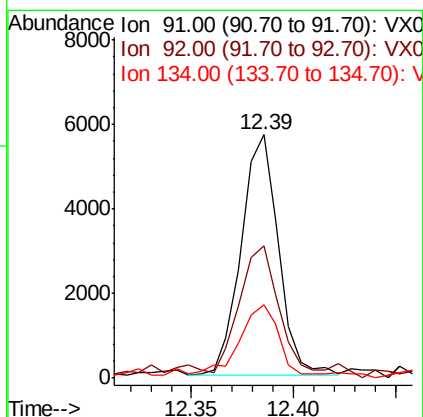
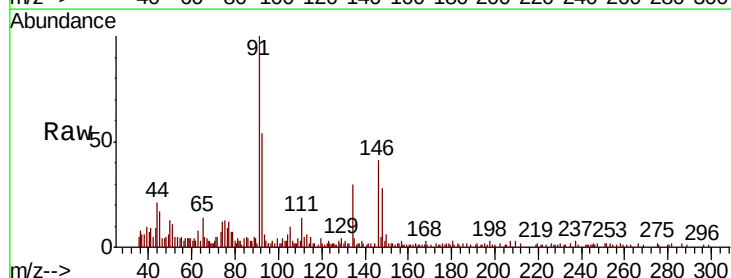
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBL01

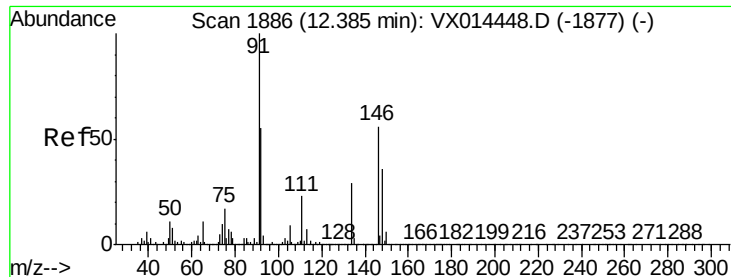
Tot Ion:146 Resp: 4714
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.1 54.1
 148 70.5 32.1 96.3



#89
 n-Butylbenzene
 Concen: 0.324 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

Tgt Ion: 91 Resp: 7208
 Ion Ratio Lower Upper
 91 100
 92 67.5 27.4 82.2
 134 34.5 13.9 41.7





#91

1,2-Dichlorobenzene

Concen: 0.268 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBL01

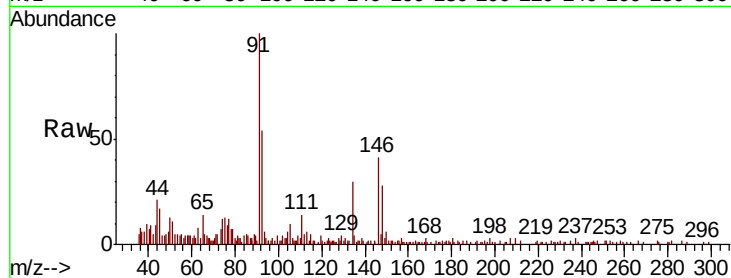
Tot Ion:146 Resp: 3513

Ion Ratio Lower Upper

146 100

111 45.8 19.8 59.4

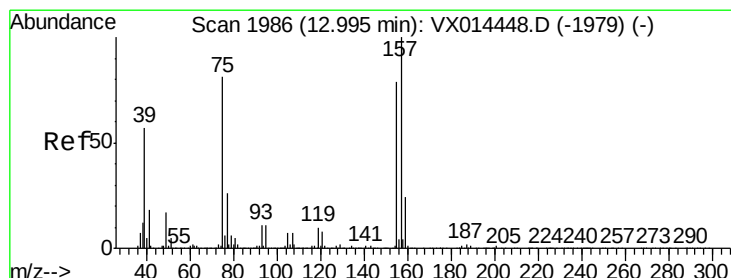
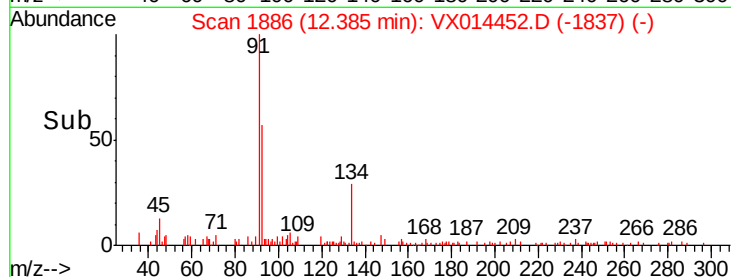
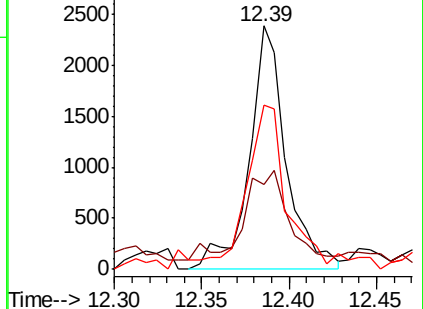
148 77.3 32.3 96.8



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: 0.212 ug/l

RT: 13.00 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VX014452.D

Acq: 07 Jan 2020 16:50

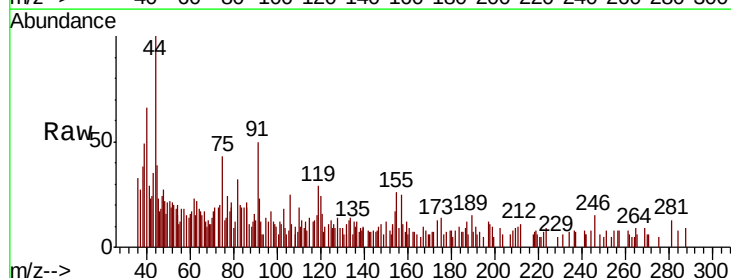
Tgt Ion: 75 Resp: 411

Ion Ratio Lower Upper

75 100

155 106.1 48.7 146.1

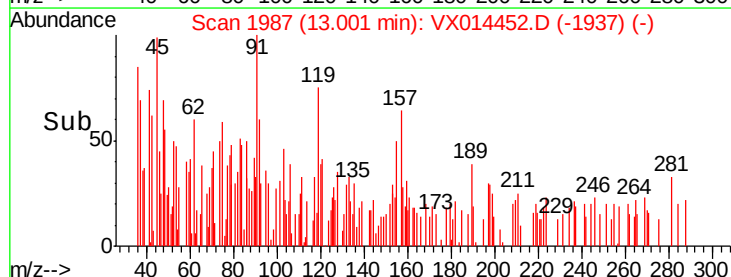
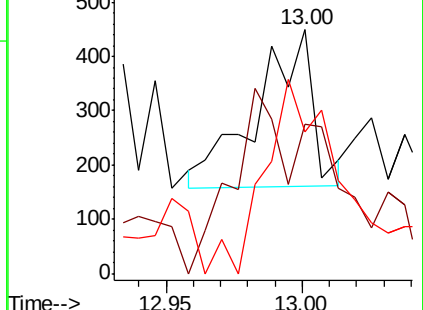
157 162.8 62.0 185.9

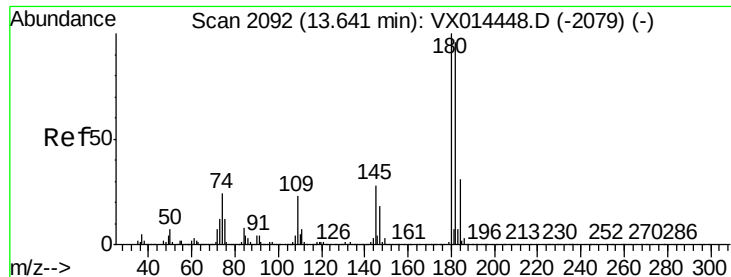


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

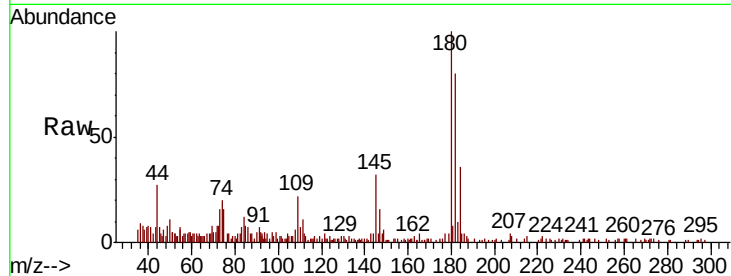




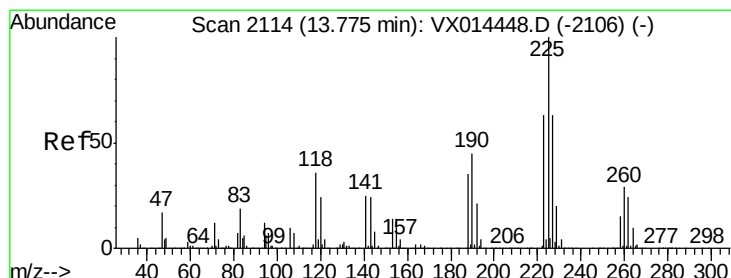
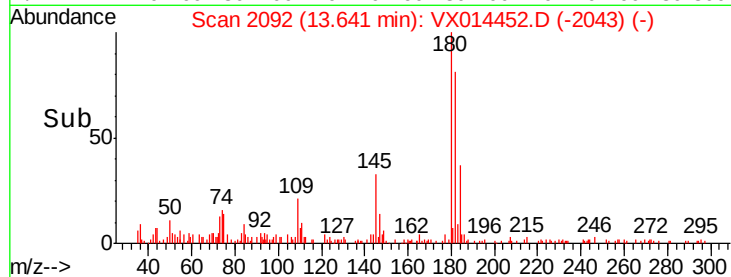
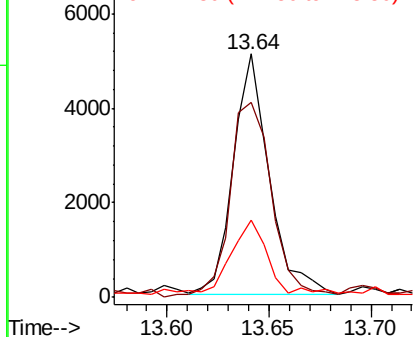
#93
 1,2,4-Trichlorobenzene
 Concen: 0.563 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.5
145	35.4	13.9	41.6

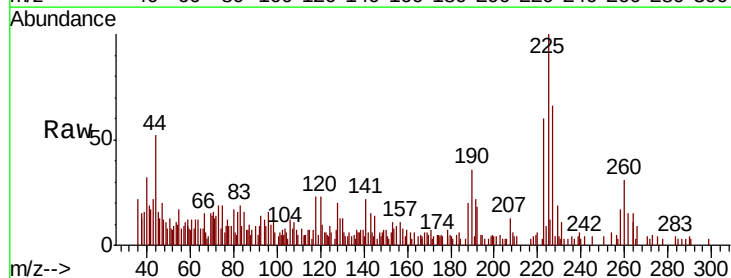


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

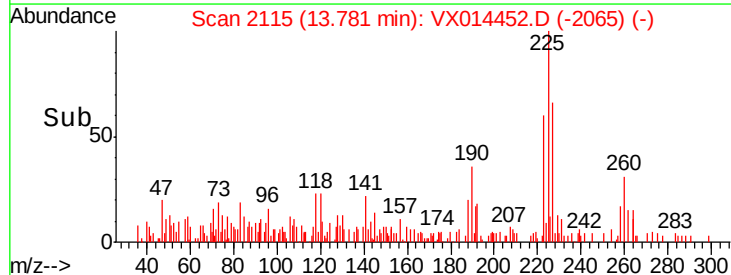
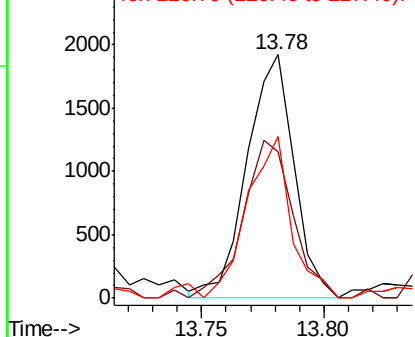


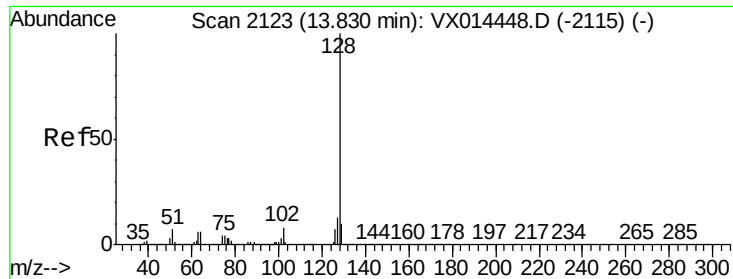
#94
 Hexachlorobutadiene
 Concen: 0.659 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX014452.D
 Acq: 07 Jan 2020 16:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.6	31.1	93.2
227	64.9	31.4	94.2



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

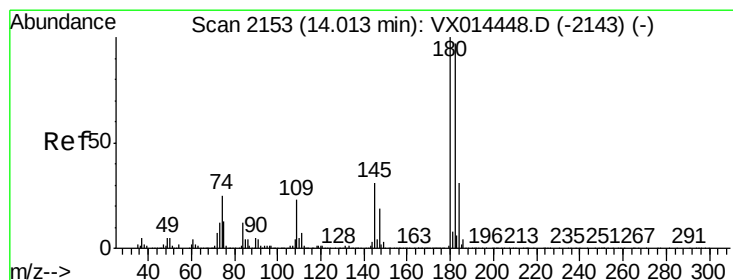
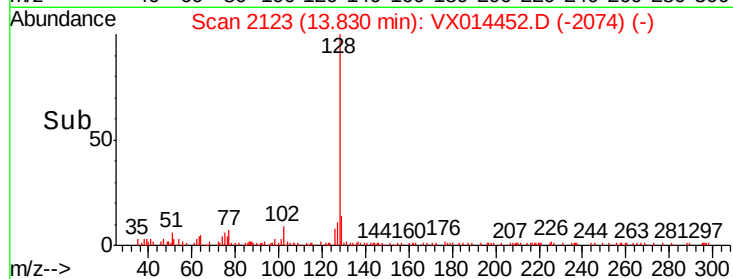
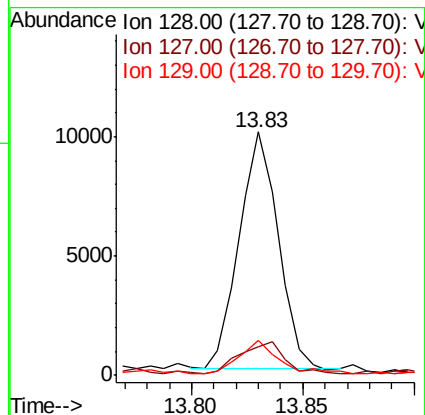
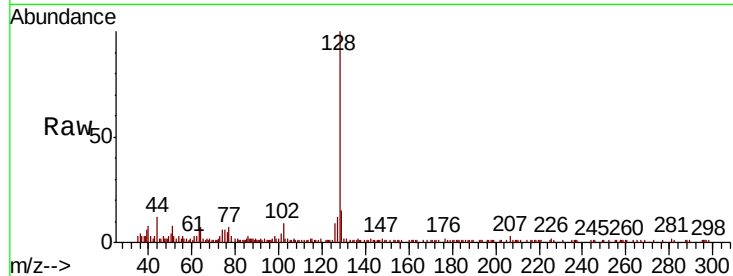




#95
Naphthalene
Concen: 0.425 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

Instrument :
MSVOA_X
ClientSampled :
VX0107WBL01

Tot Ion:128 Resp: 12147
Ion Ratio Lower Upper
128 100
127 17.1 10.3 15.5#
129 14.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.315 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX014452.D
Acq: 07 Jan 2020 16:50

Tgt Ion:180 Resp: 5264
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 37.6 14.8 44.3

