

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014917.D
 Acq On : 12 Feb 2020 11:39
 Operator : JC/SP
 Sample : VX0212WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 03:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	723291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306898	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	262713	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.48	113	218843	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	853264	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	296289	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	

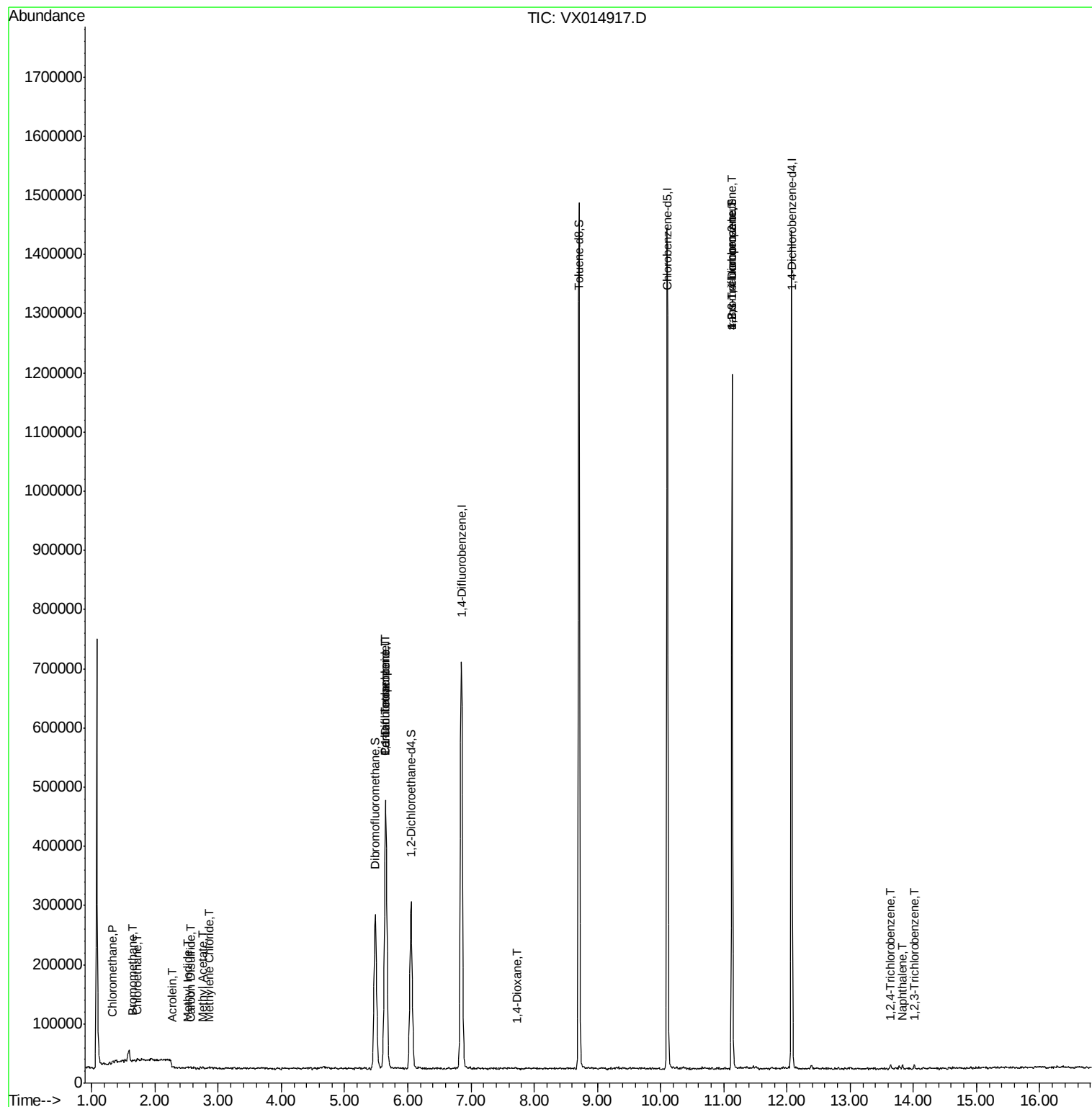
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1395	0.276	ug/l #	52
5) Bromomethane	1.66	94	3101	0.881	ug/l #	78
6) Chloroethane	1.71	64	1973	0.567	ug/l #	42
10) Methyl Iodide	2.51	142	2552	4.842	ug/l #	82
13) Acrolein	2.28	56	280	0.392	ug/l #	72
16) Acetone	2.42	43	1069	Below Cal	#	75
17) Carbon Disulfide	2.57	76	3578	0.297	ug/l	99
18) Methyl Acetate	2.76	43	1235	0.231	ug/l	97
20) Methylene Chloride	2.86	84	1148	0.225	ug/l #	79
36) 1,1-Dichloropropene	5.64	75	30870	4.771	ug/l #	51
38) Carbon Tetrachloride	5.65	117	41485	6.579	ug/l #	16
49) 1,4-Dioxane	7.73	88	62	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	146245	26.352	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	146245	67.453	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.64	180	2065	0.296	ug/l	85
95) Naphthalene	13.83	128	3873	0.209	ug/l #	67
96) 1,2,3-Trichlorobenzene	14.01	180	1830	0.272	ug/l #	88

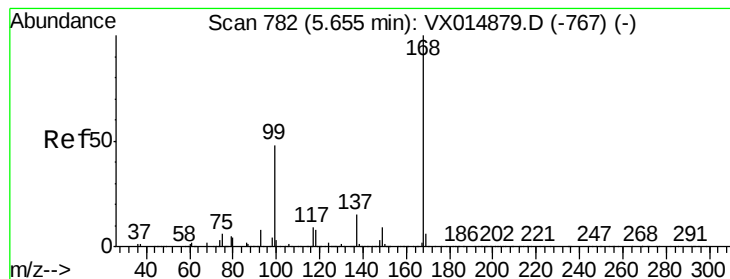
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021220\
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Acq On : 12 Feb 2020 11:39
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 13 03:32:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

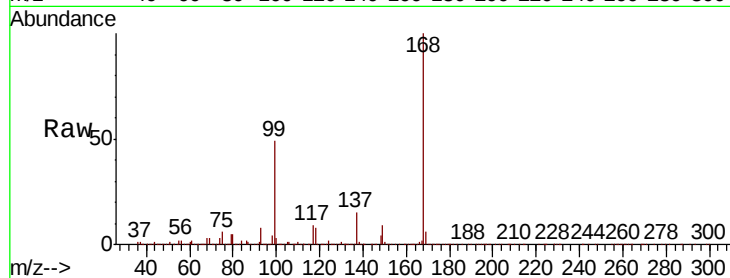
ClientSampleId :

Tot Ion:168 Resp: 469993

Ion Ratio Lower Upper

168 100

99 48.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

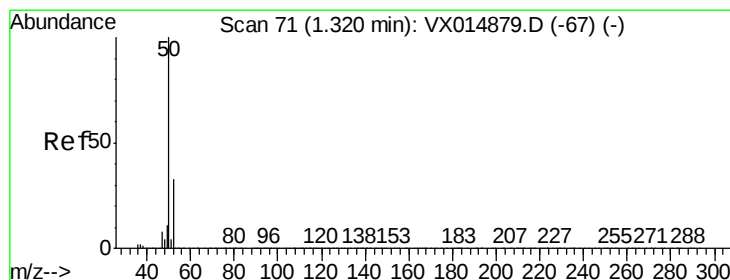
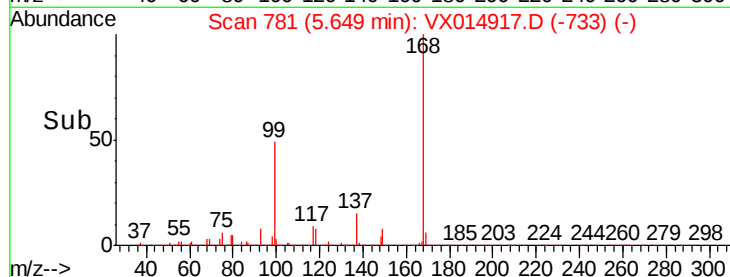
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.276 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014917.D

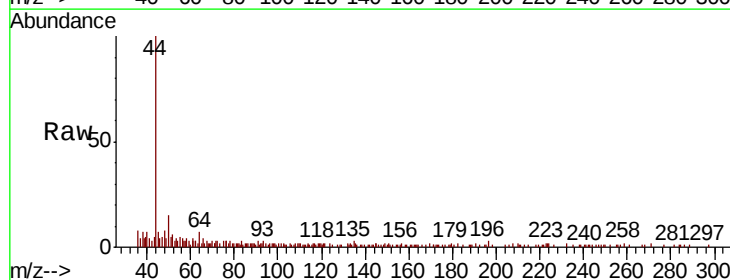
Acq: 12 Feb 2020 11:39

Tgt Ion: 50 Resp: 1395

Ion Ratio Lower Upper

50 100

52 5.7 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

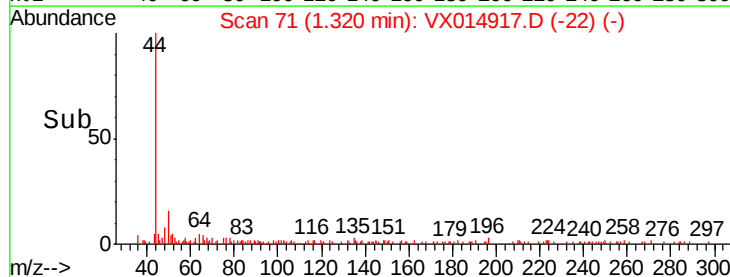
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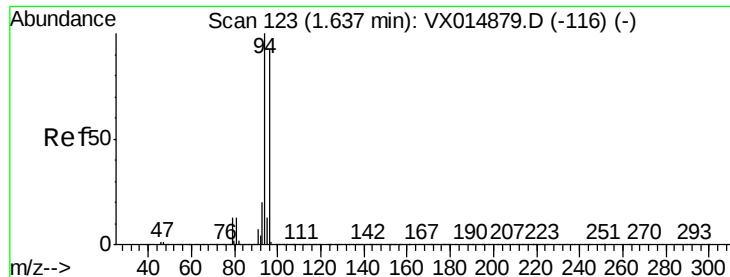
400

200

0

Time-->





#5

Bromomethane

Concen: 0.881 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

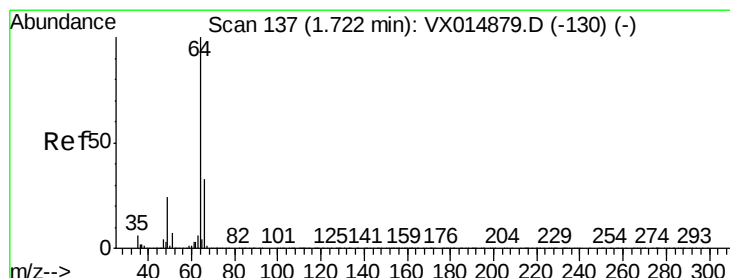
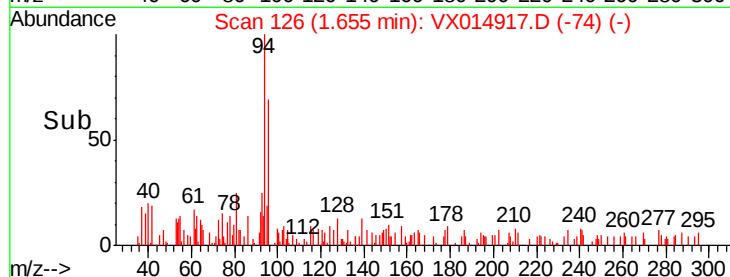
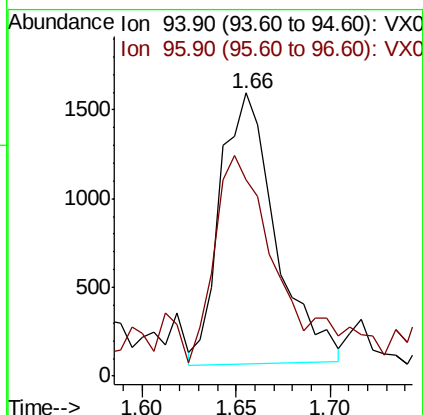
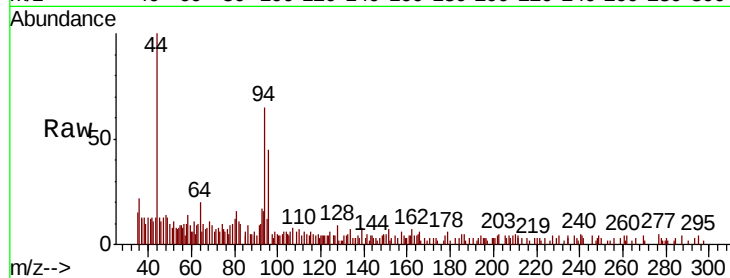
ClientSampleId :

Tot Ion: 94 Resp: 3101

Ion Ratio Lower Upper

94 100

96 71.5 73.7 110.5#



#6

Chloroethane

Concen: 0.567 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014917.D

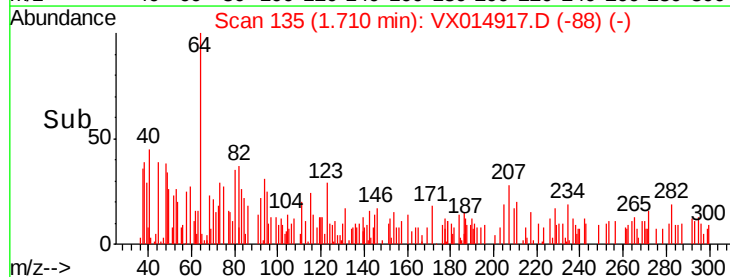
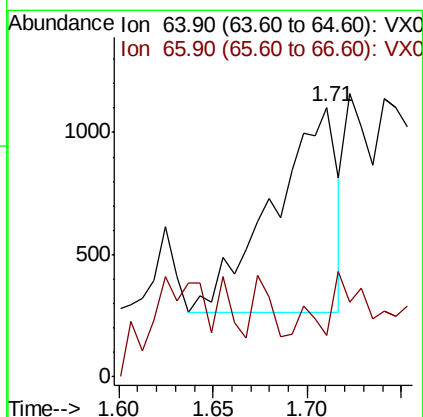
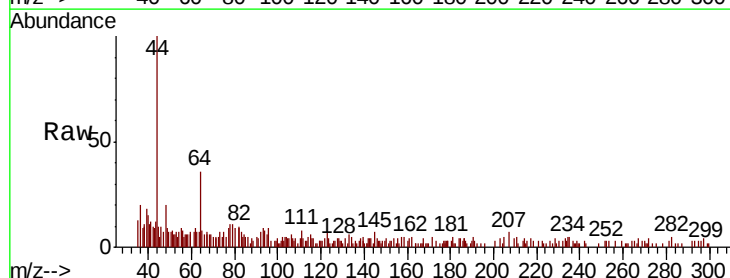
Acq: 12 Feb 2020 11:39

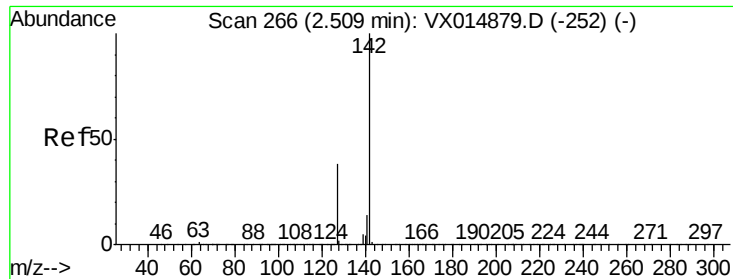
Tgt Ion: 64 Resp: 1973

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

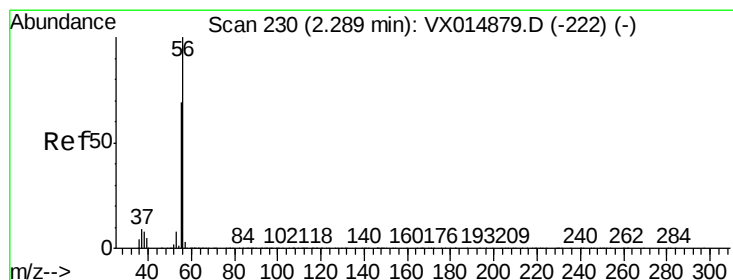
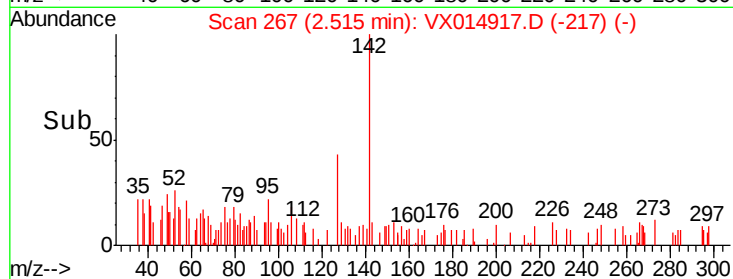
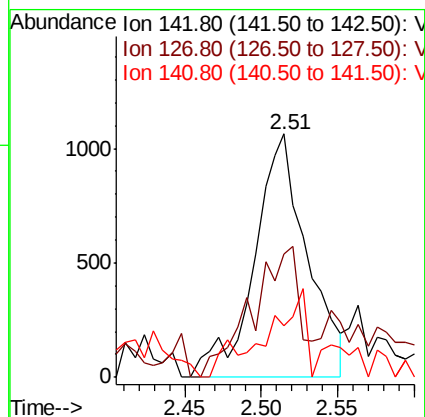
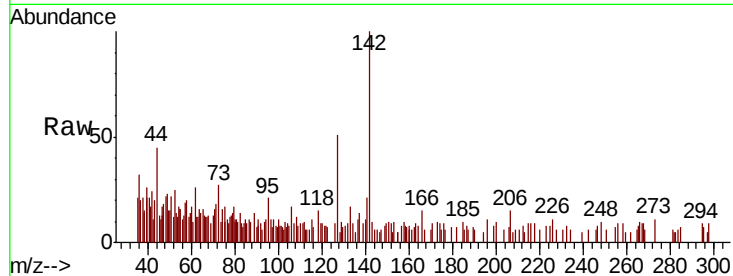




#10
Methvl Iodide
Concen: 4.842 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

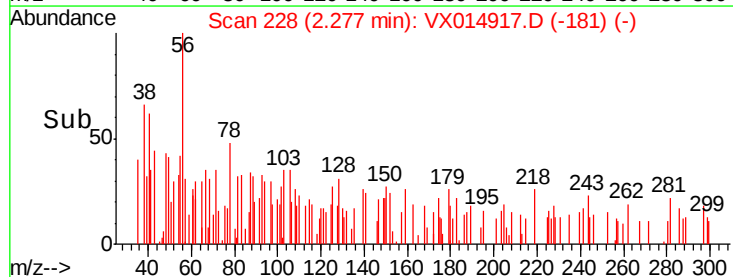
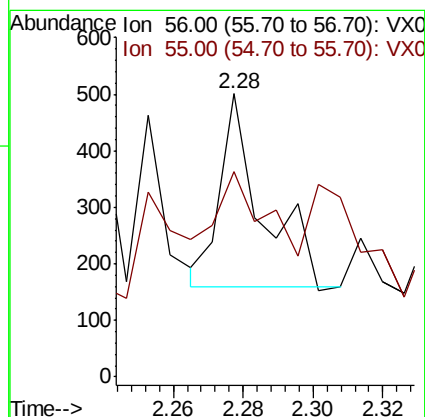
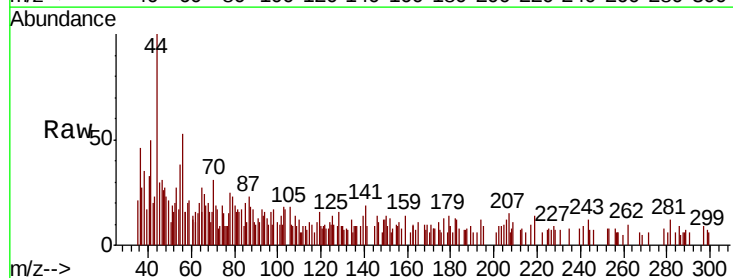
Instrument :
MSVOA_X
ClientSampled :

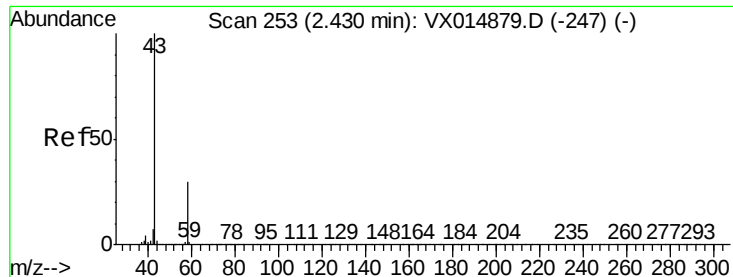
Tot Ion:142 Resp: 2552
Ion Ratio Lower Upper
142 100
127 49.6 31.1 46.7#
141 21.3 11.3 16.9#



#13
Acrolein
Concen: 0.392 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 45.7 55.0 82.4#

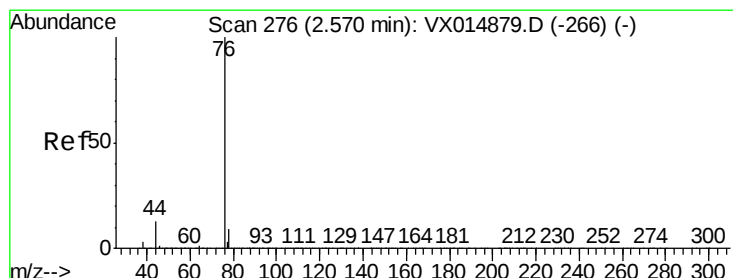
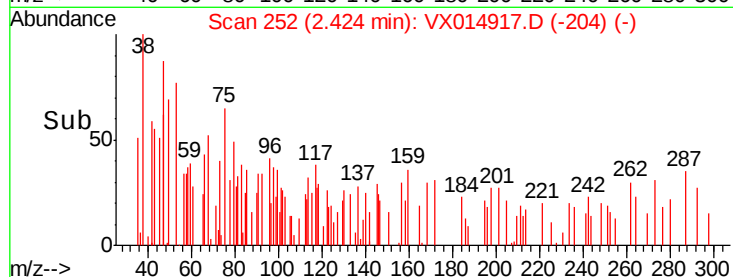
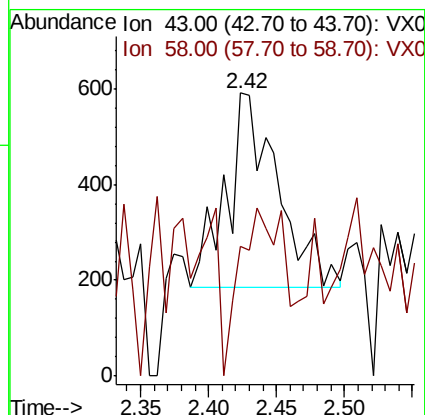
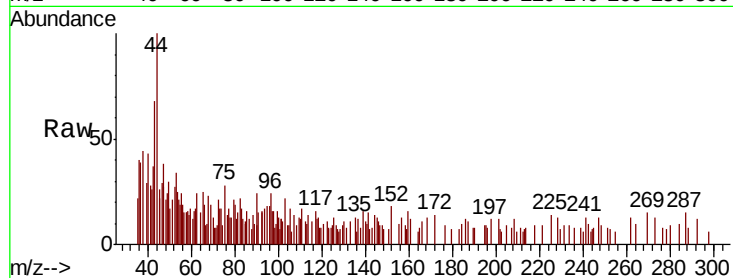




#16
Acetone
Concen: Below Cal
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

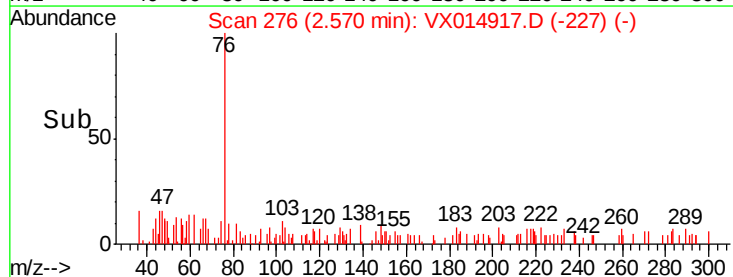
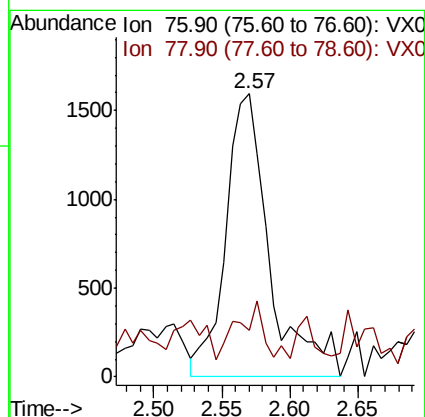
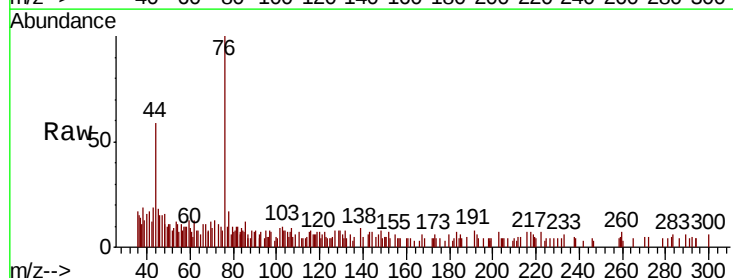
Instrument :
MSVOA_X
ClientSampled :

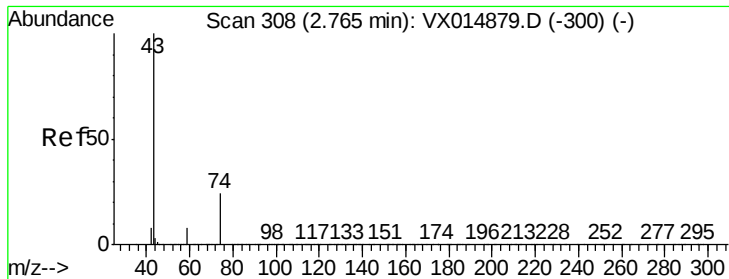
Tot Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 16.7 24.1 36.1#



#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.00 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

Tgt Ion: 76 Resp: 3578
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

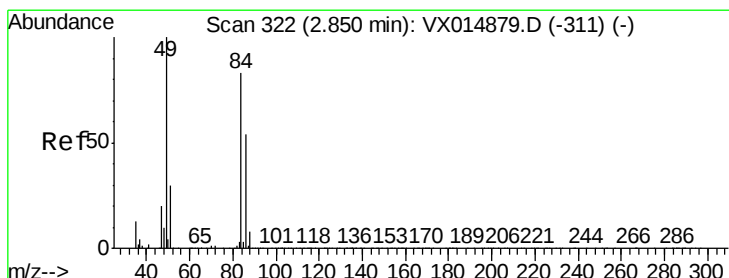
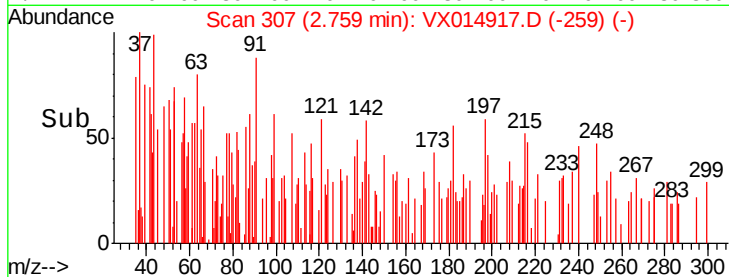
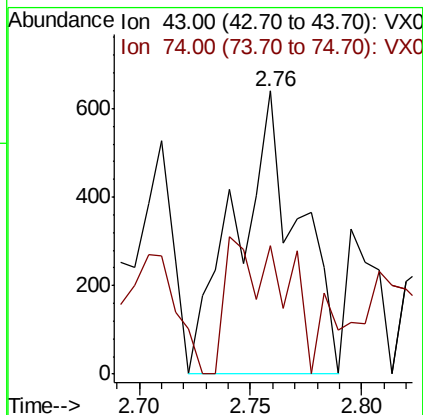
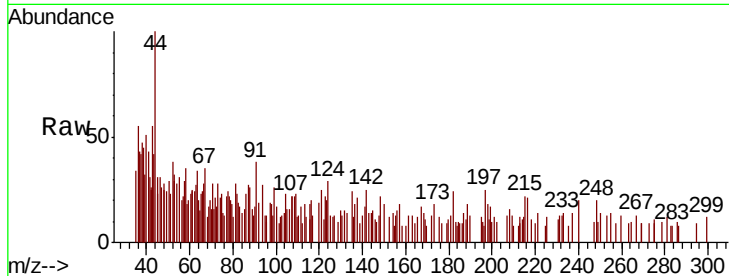




#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

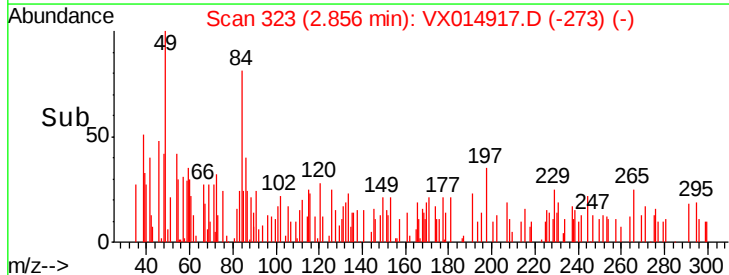
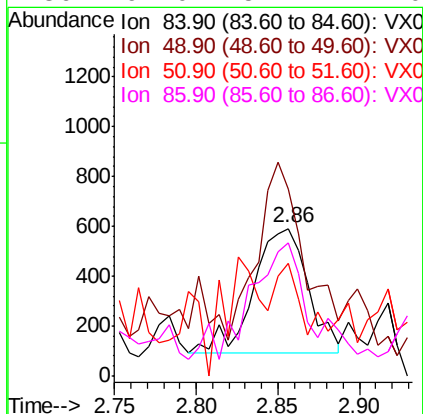
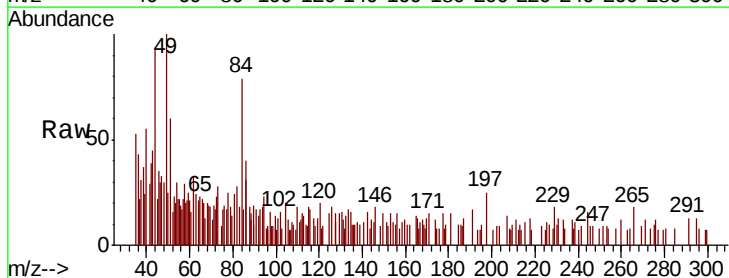
Instrument :
MSVOA_X
ClientSampled :

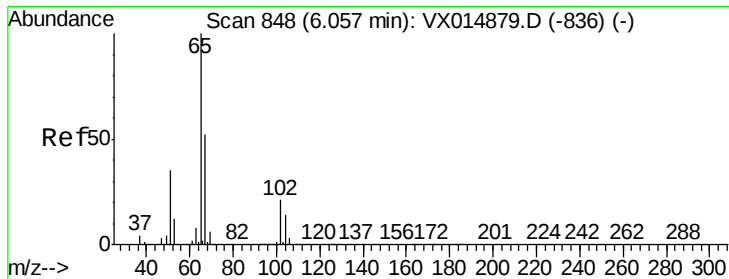
Tot Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.0



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

Tgt Ion: 84 Resp: 1148
Ion Ratio Lower Upper
84 100
49 105.8 95.6 143.4
51 23.1 29.0 43.6#
86 94.0 51.4 77.0#





#33

1,2-Dichloroethane-d4

Concen: 49.529 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

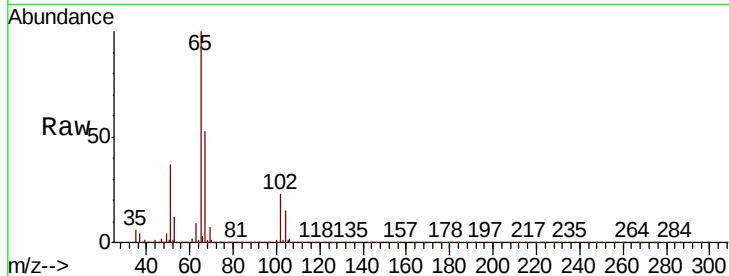
ClientSampleId :

Tot Ion: 65 Resp: 262713

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

60000

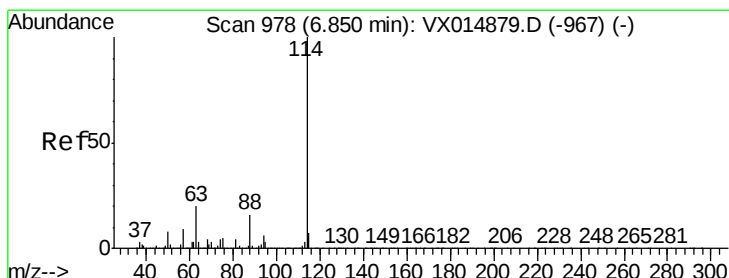
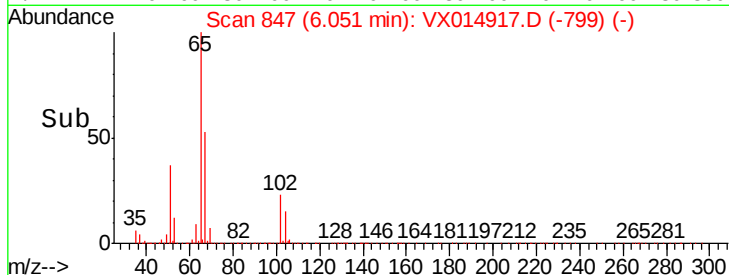
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20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

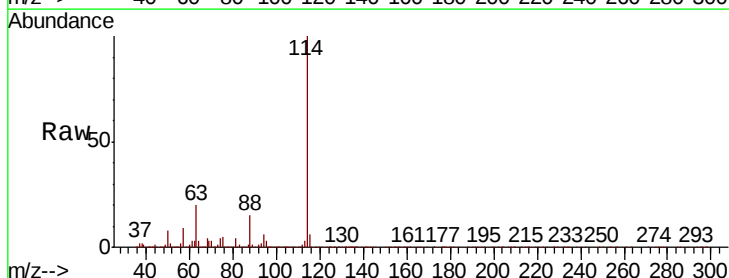
Tgt Ion: 114 Resp: 723291

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.4 0.0 32.0



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

400000

300000

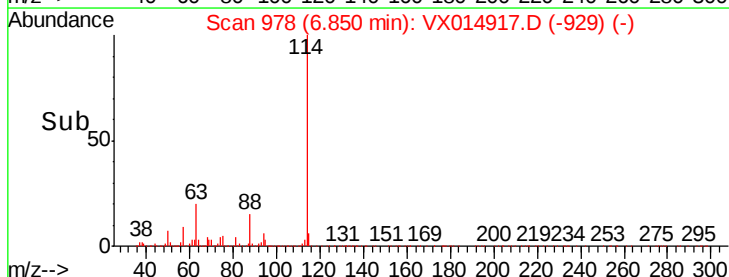
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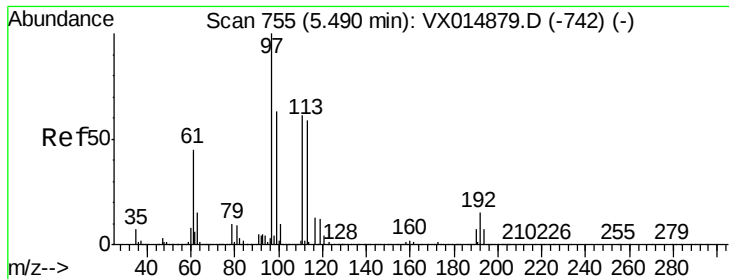
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Time-->

6.70 6.80 6.90 7.00

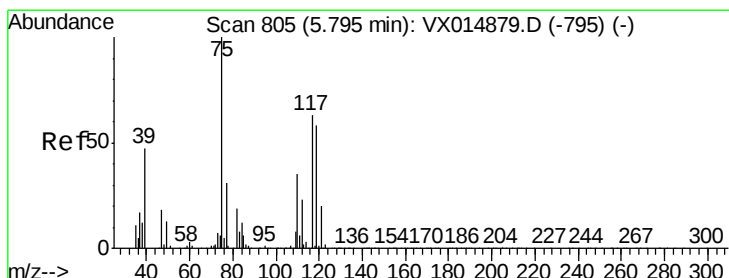
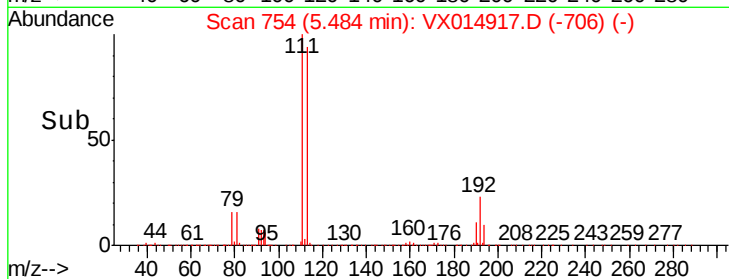
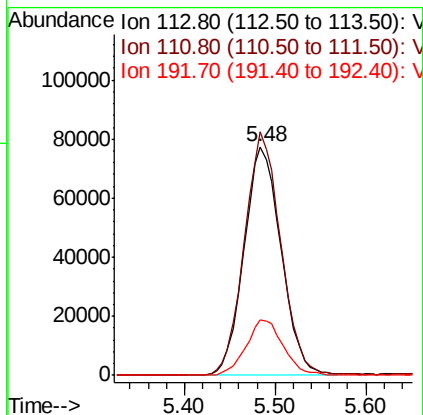
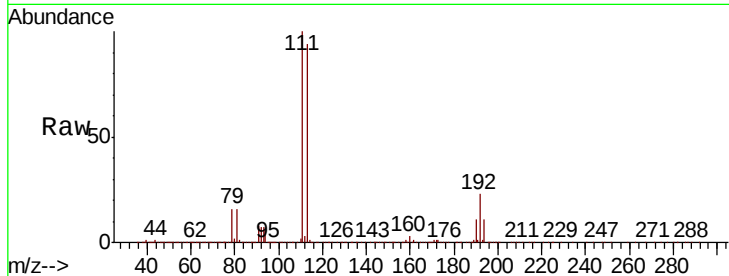




#35
Dibromofluoromethane
Concen: 49.216 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

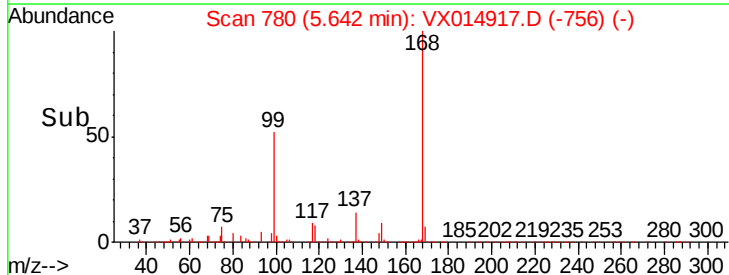
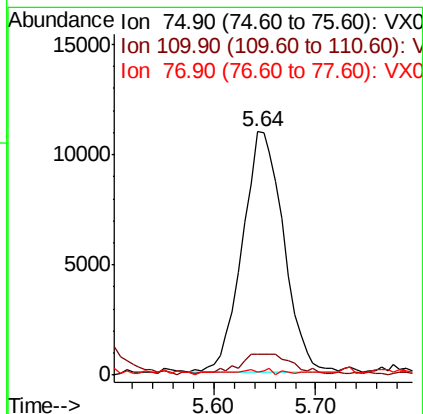
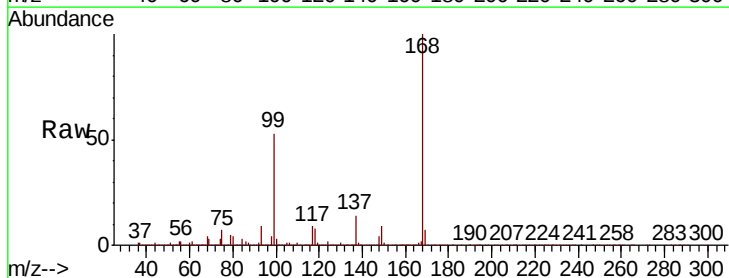
Instrument :
MSVOA_X
ClientSampleId :

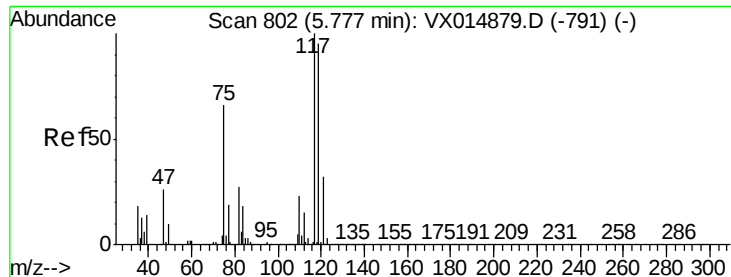
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.4	123.6
192	24.5	19.1	28.7



#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.3	54.8#
77	0.3	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.579 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

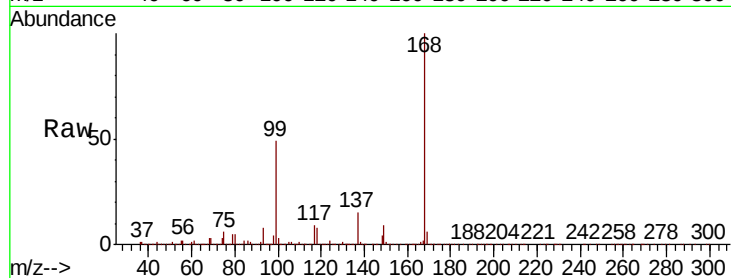
Tot Ion:117 Resp: 41485

Ion Ratio Lower Upper

117 100

119 4.3 76.0 114.0#

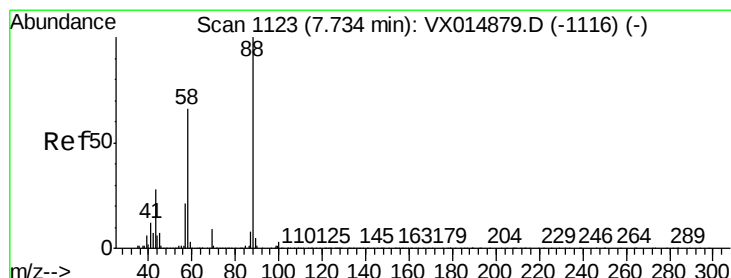
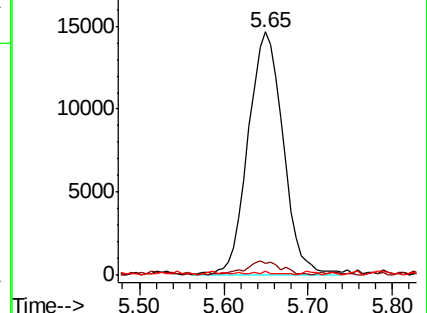
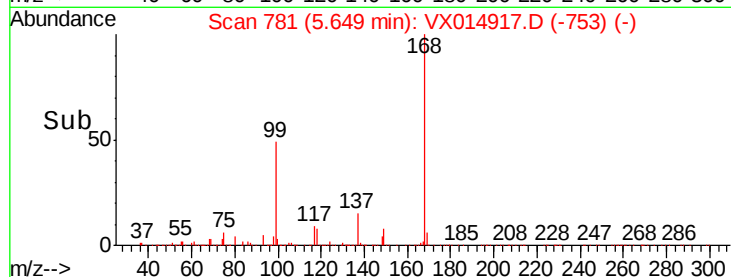
121 1.3 25.4 38.2#



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



#49

1,4-Dioxane

Concen: 0.605 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

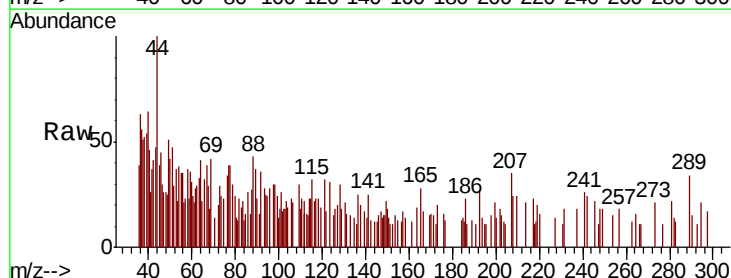
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 780.6 27.0 40.4#

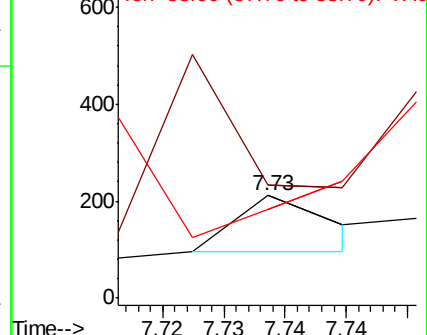
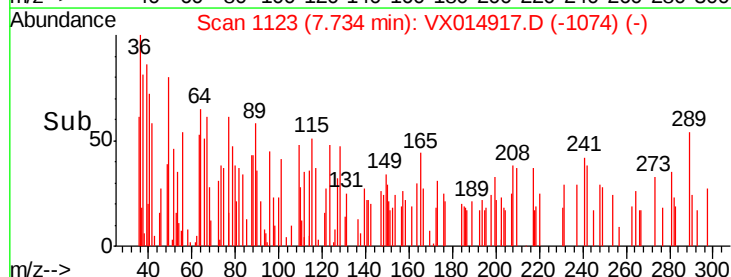
58 216.1 53.2 79.8#

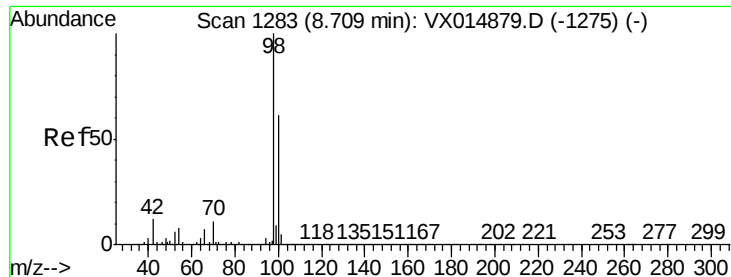


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

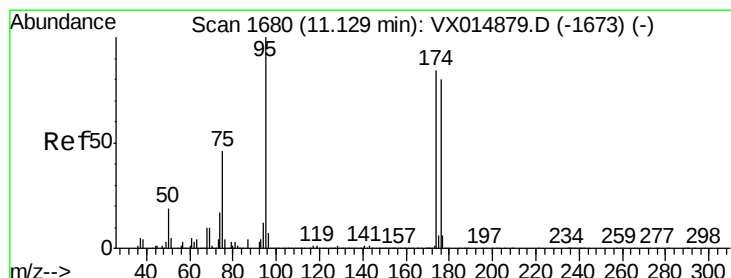
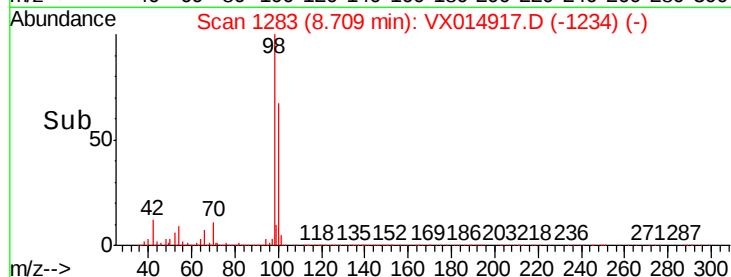
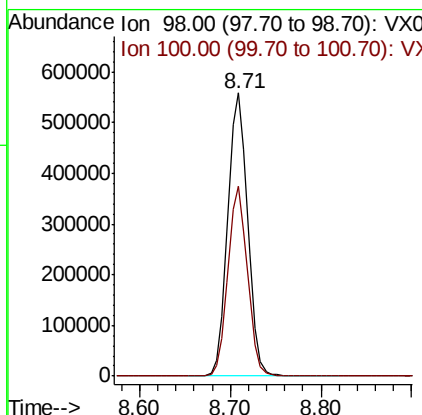
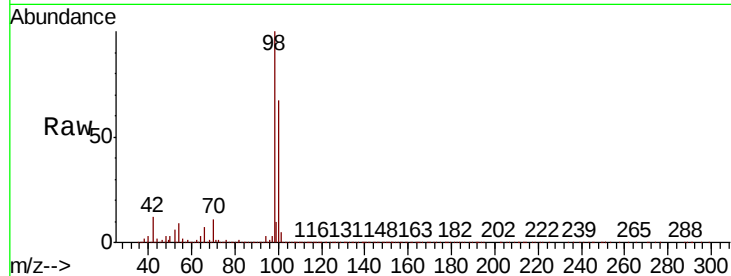




#50
Toluene-d8
Concen: 50.271 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

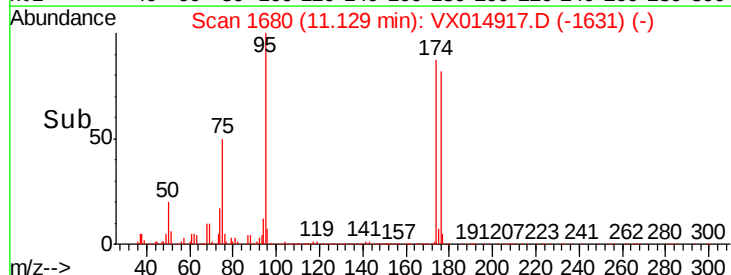
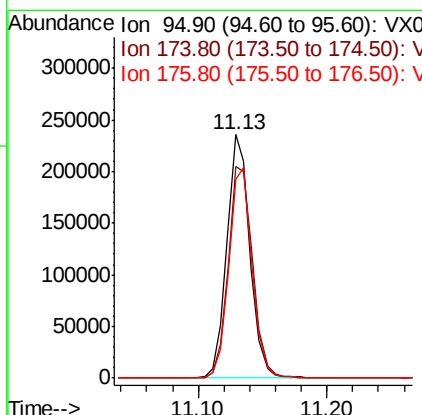
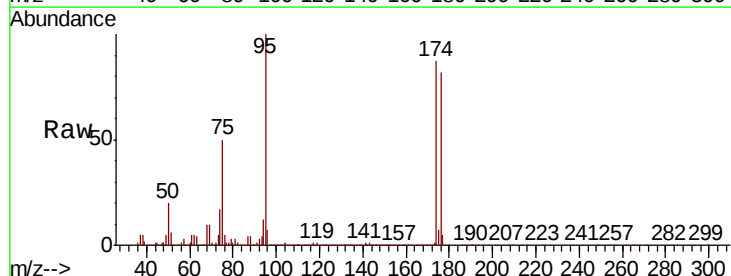
Instrument :
MSVOA_X
ClientSampleId :

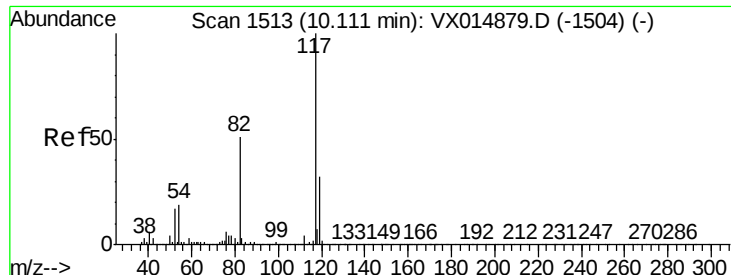
Tot Ion: 98 Resp: 853264
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.459 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

Tgt Ion: 95 Resp: 296289
Ion Ratio Lower Upper
95 100
174 91.9 0.0 183.0
176 87.7 0.0 178.0

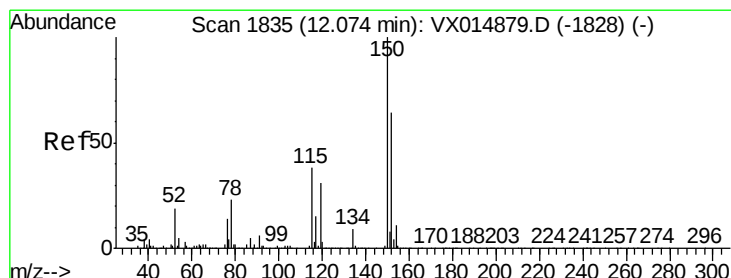
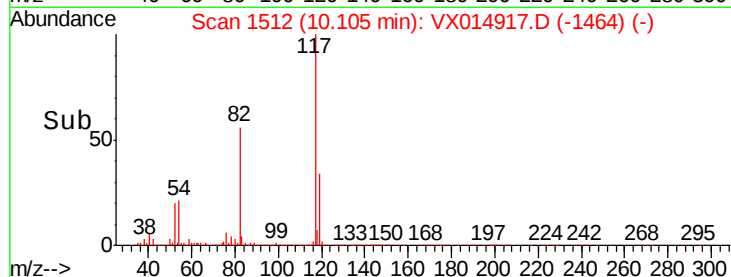
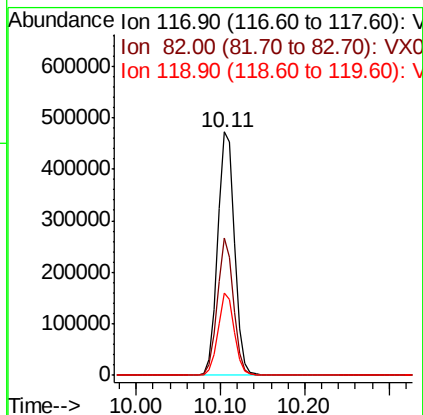
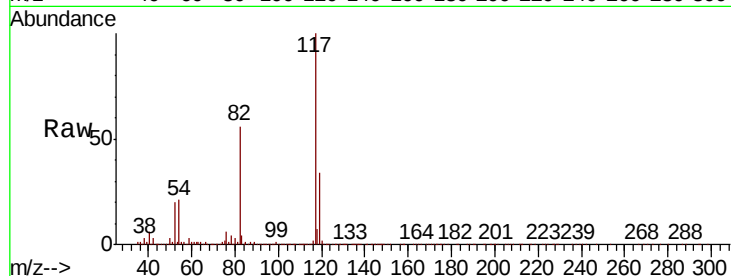




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

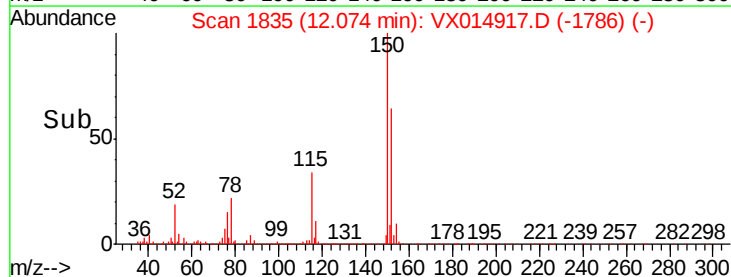
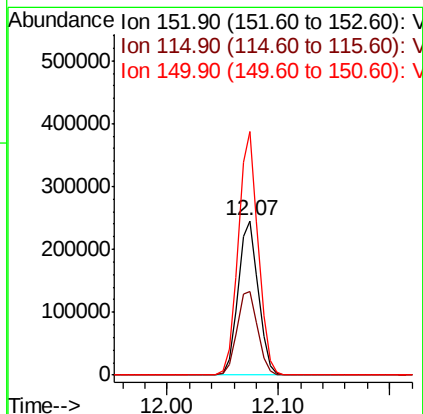
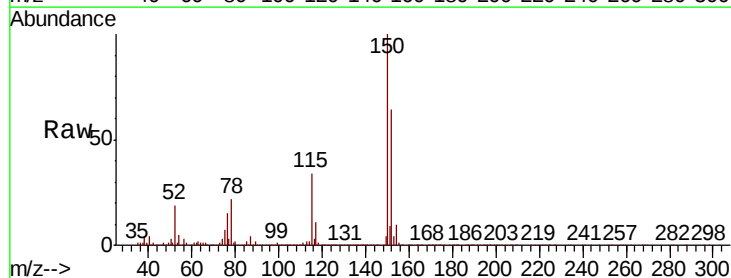
Instrument :
MSVOA_X
ClientSampleId :

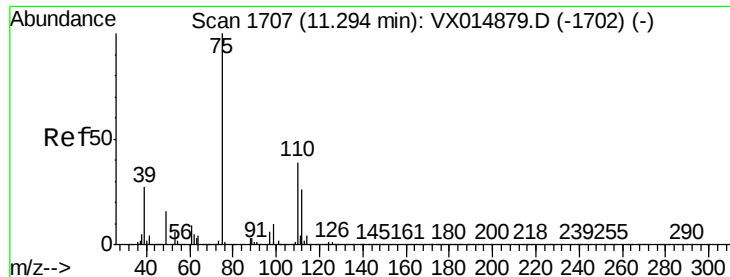
Tot Ion:117 Resp: 659389
Ion Ratio Lower Upper
117 100
82 56.2 40.5 60.7
119 33.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

Tgt Ion:152 Resp: 306898
Ion Ratio Lower Upper
152 100
115 56.0 38.6 116.0
150 155.5 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.352 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

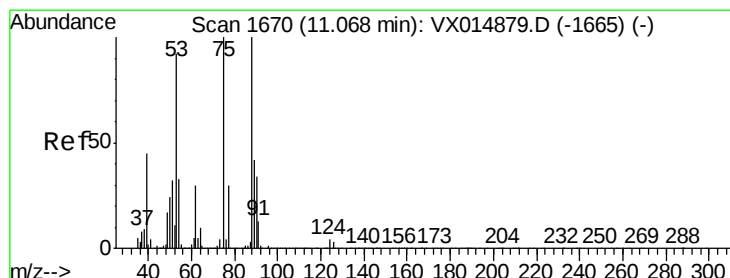
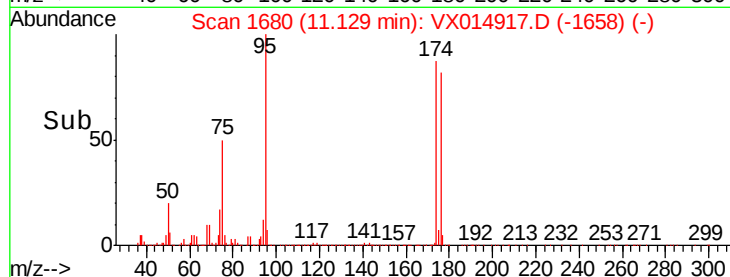
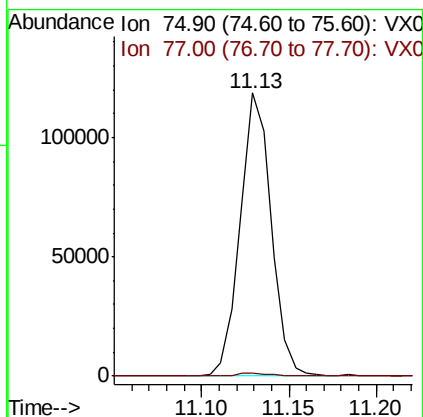
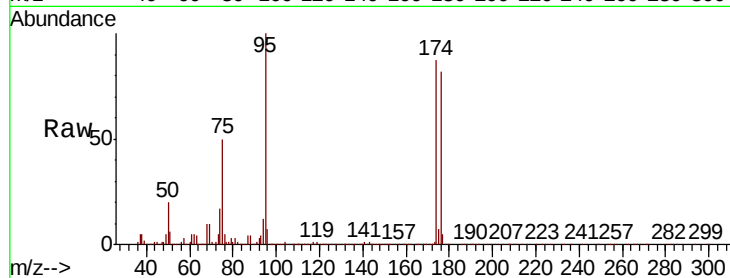
ClientSampleId :

Tot Ion: 75 Resp: 146245

Ion Ratio Lower Upper

75 100

77 1.5 18.4 55.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.453 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

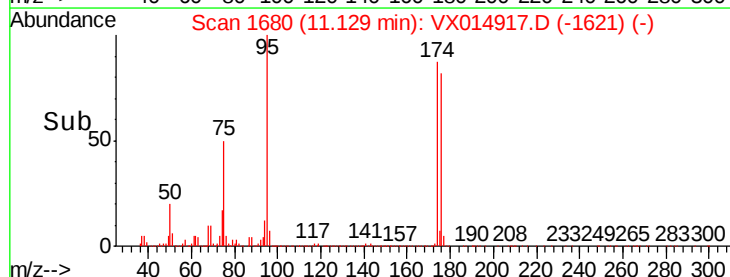
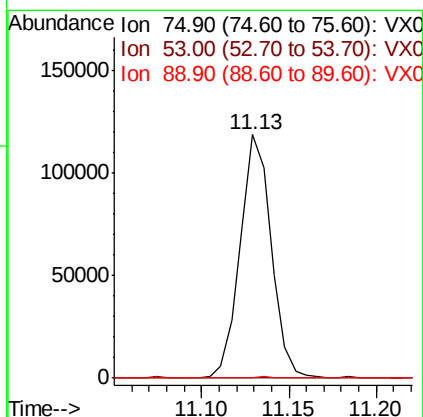
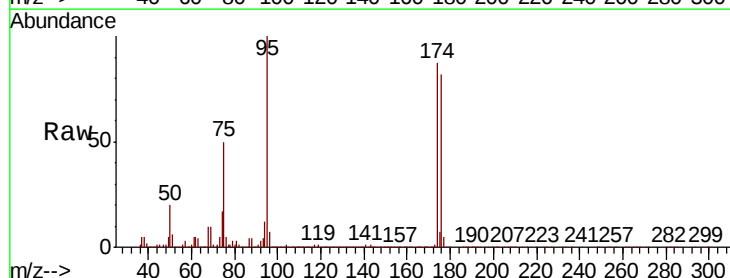
Tgt Ion: 75 Resp: 146245

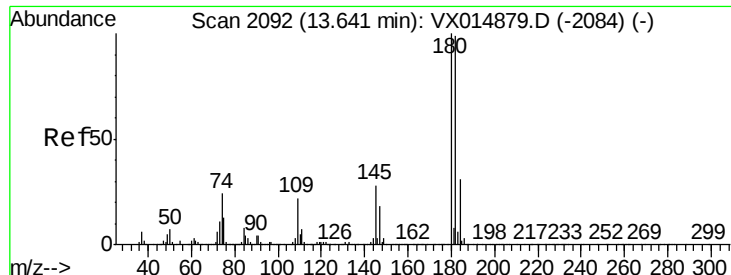
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.2 35.8 53.6#

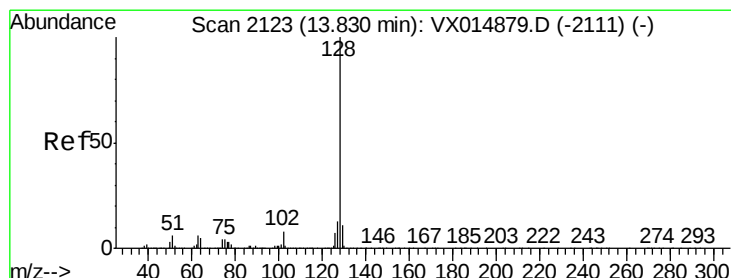
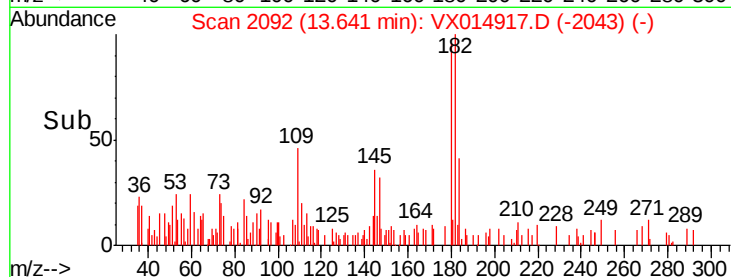
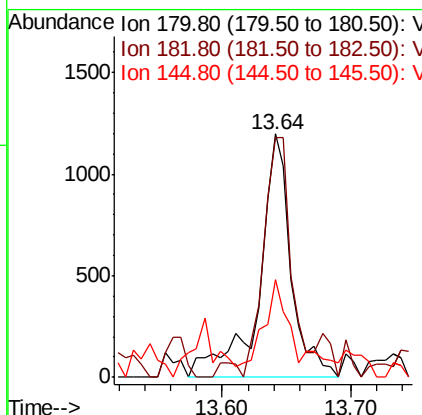
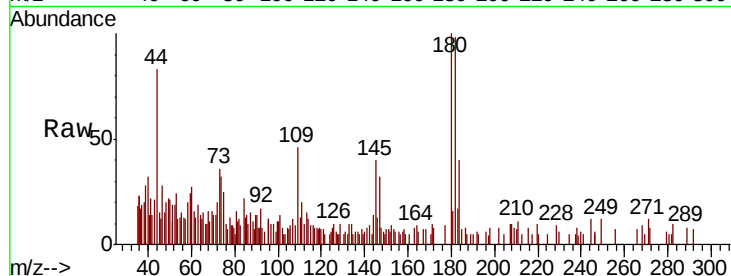




#93
 1,2,4-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014917.D
 Acq: 12 Feb 2020 11:39

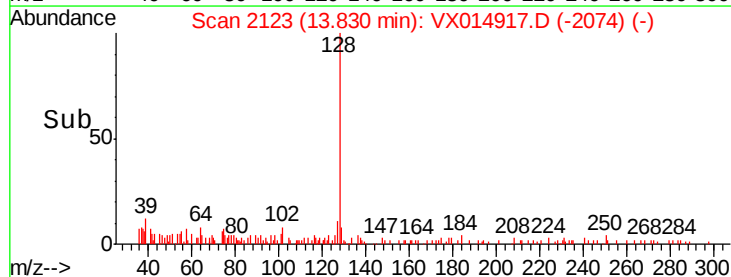
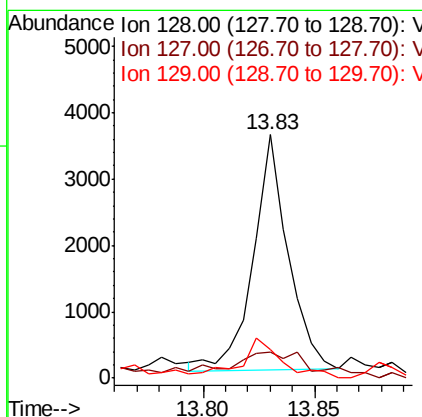
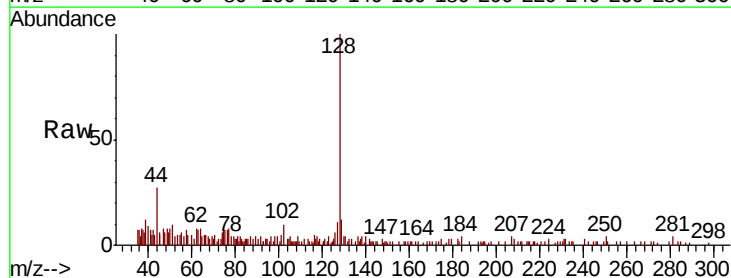
Instrument :
 MSVOA_X
 ClientSampleId :

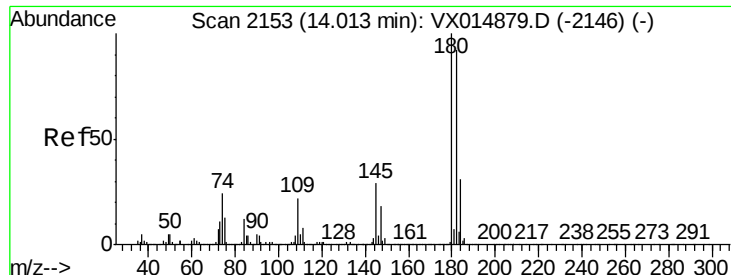
Tot Ion	Ratio	Lower	Upper
180	100		
182	84.8	48.4	145.3
145	40.6	14.1	42.4



#95
 Naphthalene
 Concen: 0.209 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX014917.D
 Acq: 12 Feb 2020 11:39

Tgt Ion	Ratio	Lower	Upper
128	100		
127	28.8	10.4	15.6#
129	20.4	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.272 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014917.D
 Acq: 12 Feb 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.5	142.6
145	54.5	14.5	43.5

