

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015162.D
 Acq On : 10 Mar 2020 11:55
 Operator : JC/SP
 Sample : L1842-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20200304

Quant Time: Mar 11 07:27:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	342733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	562605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	535024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269068	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	209445	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.49	113	174372	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	676173	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	245546	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

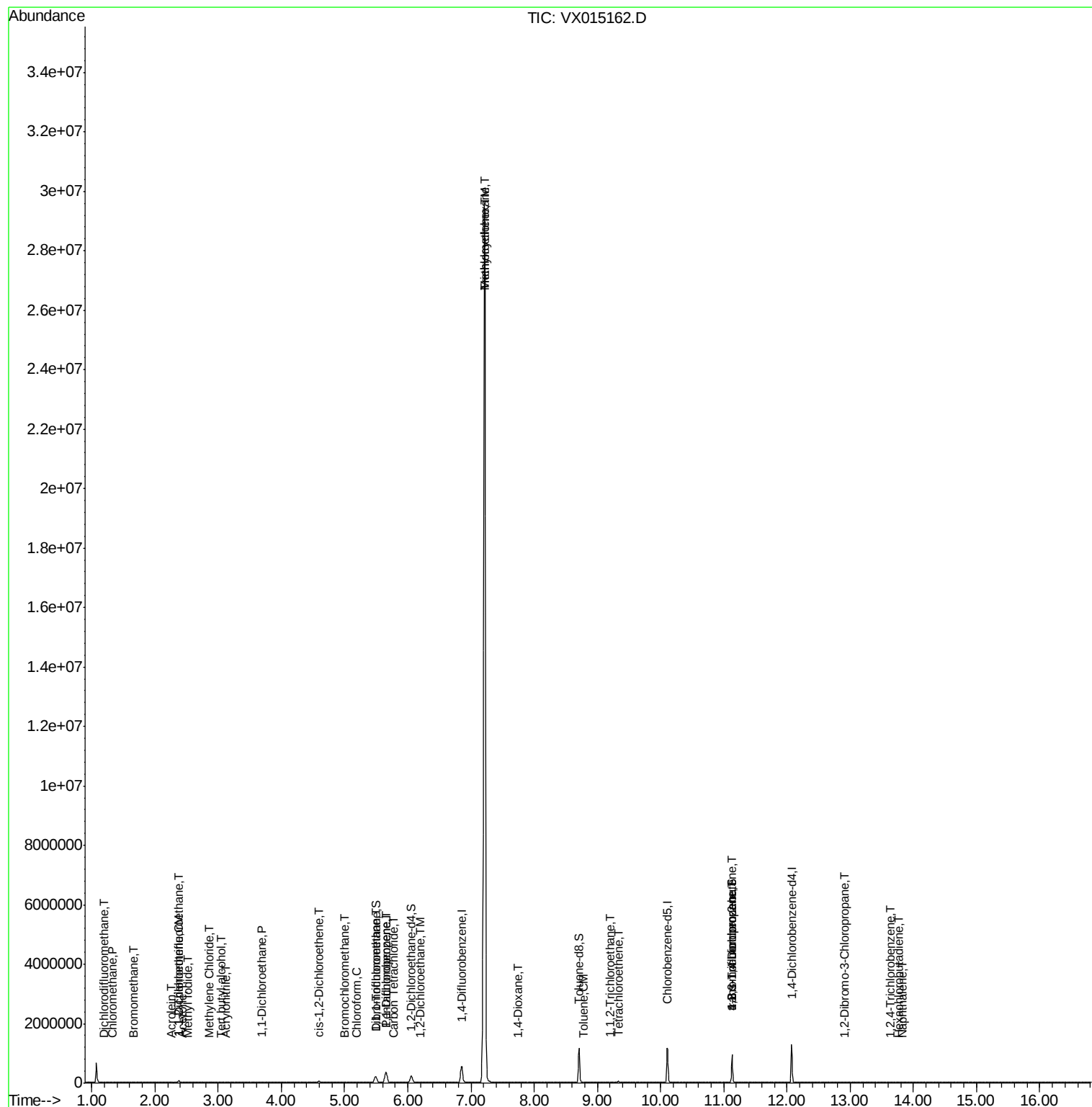
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	1072	0.357	ug/l	95
3) Chloromethane	1.32	50	1514	0.356	ug/l #	78
5) Bromomethane	1.67	94	923	0.348	ug/l #	28
9) 1,1,2-Trichlorotrifluoroet	2.38	101	15081	4.673	ug/l	98
10) Methyl Iodide	2.51	142	1295	0.355	ug/l #	85
11) Tert butyl alcohol	3.04	59	242	0.343	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	16356	4.911	ug/l	97
13) Acrolein	2.27	56	305	0.460	ug/l	95
15) Acrylonitrile	3.13	53	614	0.349	ug/l #	87
16) Acetone	2.44	43	6029	3.661	ug/l	89
20) Methylene Chloride	2.85	84	975	0.253	ug/l #	77
24) 1,1-Dichloroethane	3.69	63	25115	3.911	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	22485	5.636	ug/l	91
28) Bromochloromethane	5.00	49	625	0.214	ug/l #	45
30) Chloroform	5.20	83	16791	2.683	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	3162	0.609	ug/l #	46
36) 1,1-Dichloropropene	5.65	75	23994	4.613	ug/l #	50
38) Carbon Tetrachloride	5.77	117	5277	1.075	ug/l	92
39) Methylcyclohexane	7.22	83	136661	22.502	ug/l #	1
42) 1,2-Dichloroethane	6.19	62	2097	0.396	ug/l	91
44) Trichloroethene	7.22	130	11424189	2658.406	ug/l	95
49) 1,4-Dioxane	7.74	88	1265	13.544	ug/l #	82
52) Toluene	8.78	92	2051	0.217	ug/l	84
55) 1,1,2-Trichloroethane	9.21	97	5499	1.416	ug/l #	89
64) Tetrachloroethene	9.33	164	9548	2.158	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	123381	22.988	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	123381	65.241	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.90	75	248	0.216	ug/l	75
93) 1,2,4-Trichlorobenzene	13.64	180	1221	0.210	ug/l	87
94) Hexachlorobutadiene	13.78	225	710	0.238	ug/l	78
95) Naphthalene	13.83	128	1348	1.493	ug/l #	77

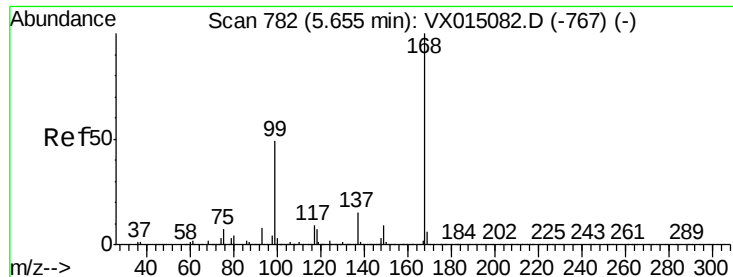
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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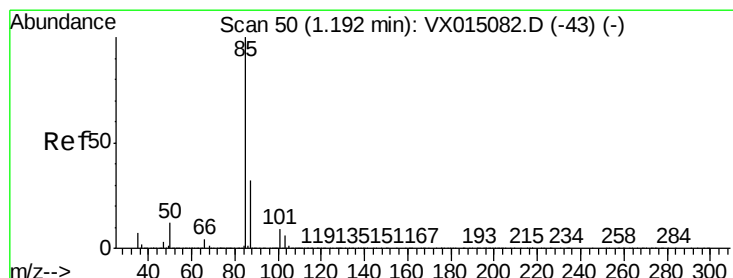
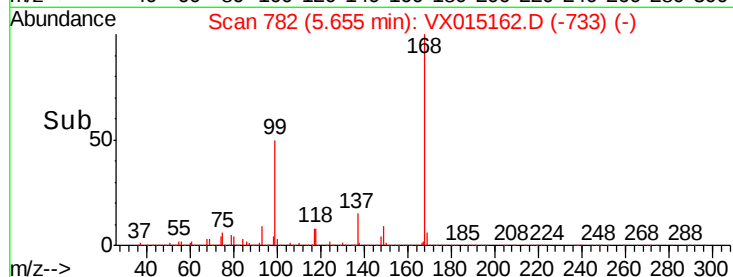
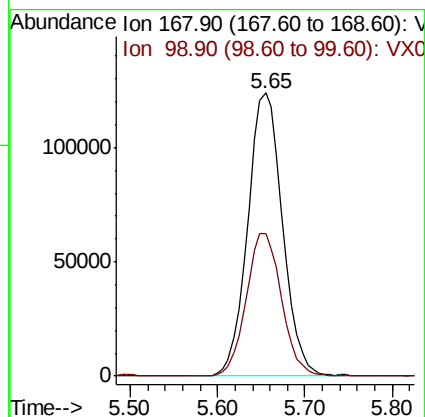
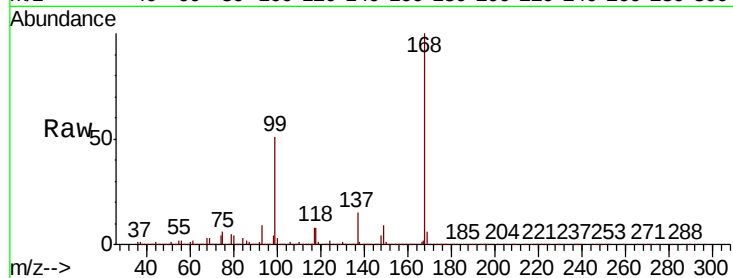


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015162.D
 Acq: 10 Mar 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20200304

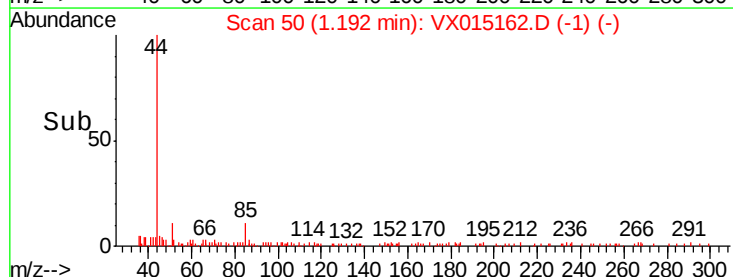
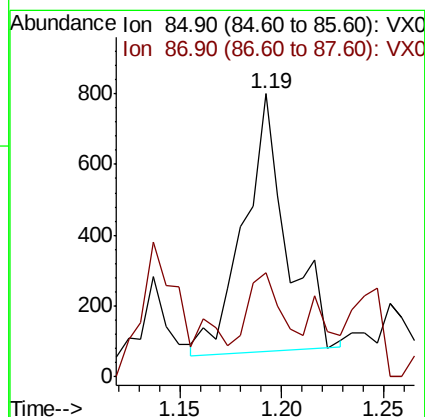
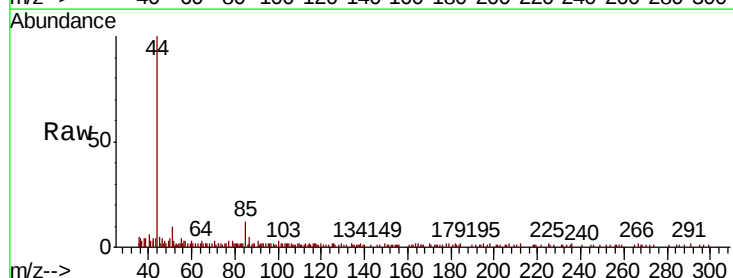
Tot Ion:168 Resp: 342733
 Ion Ratio Lower Upper
 168 100
 99 50.4 39.4 59.2

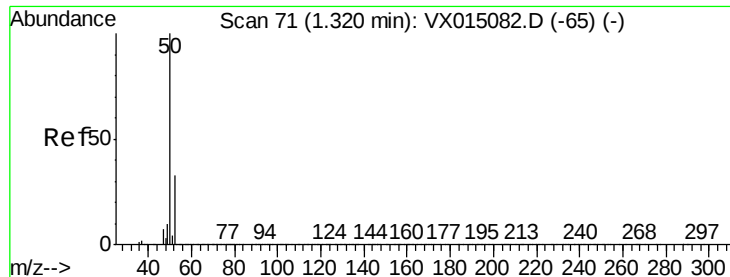


#2

Dichlorodifluoromethane
 Concen: 0.357 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015162.D
 Acq: 10 Mar 2020 11:55

Tgt Ion: 85 Resp: 1072
 Ion Ratio Lower Upper
 85 100
 87 29.7 16.2 48.5





#3

Chloromethane

Concen: 0.356 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

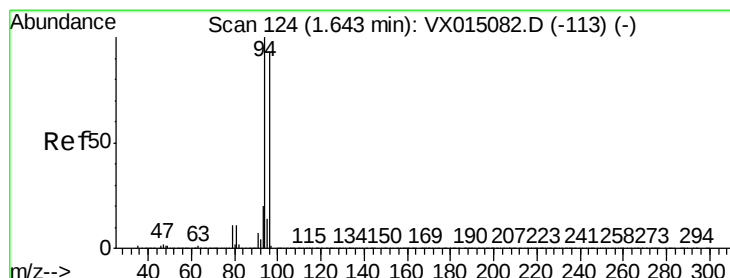
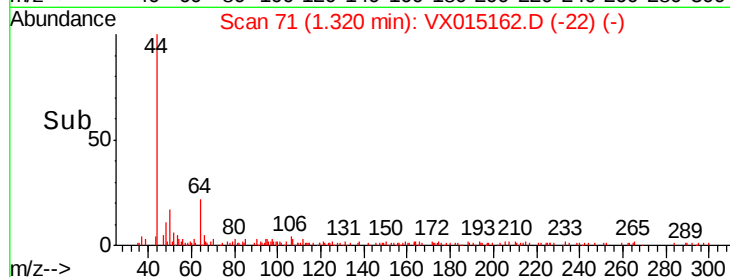
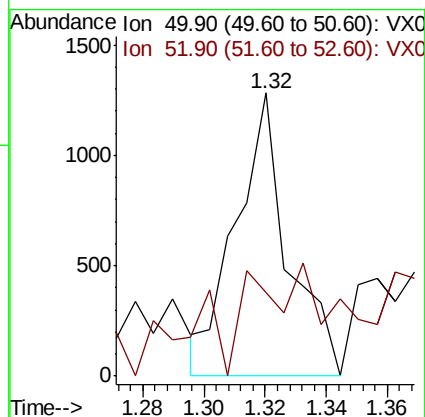
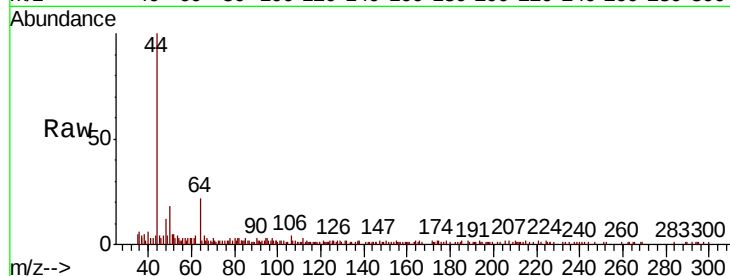
DUP01-20200304

Tot Ion: 50 Resp: 1514

Ion Ratio Lower Upper

50 100

52 20.0 26.2 39.2#



#5

Bromomethane

Concen: 0.348 ug/l

RT: 1.67 min Scan# 128

Delta R.T. 0.02 min

Lab File: VX015162.D

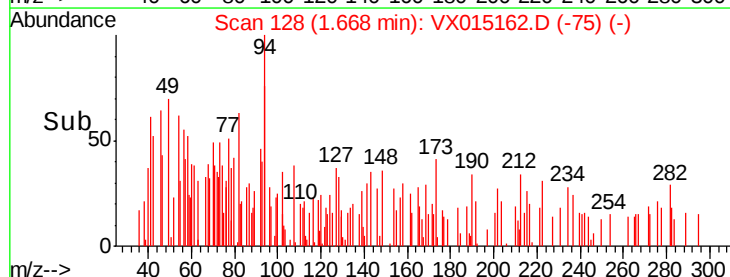
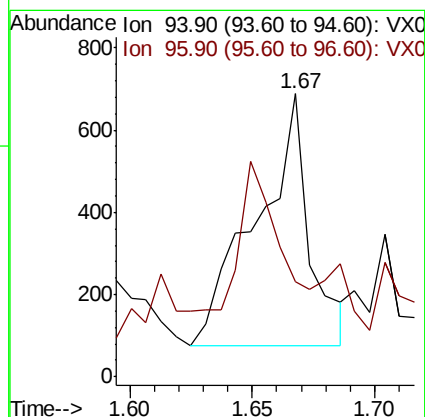
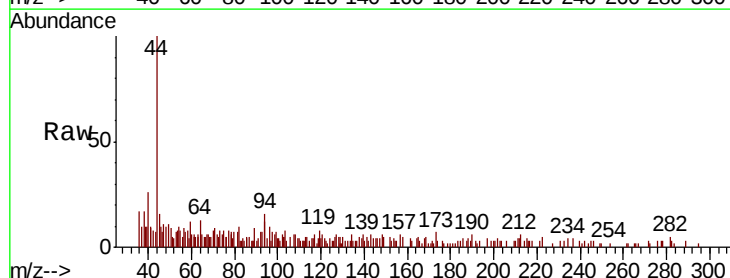
Acq: 10 Mar 2020 11:55

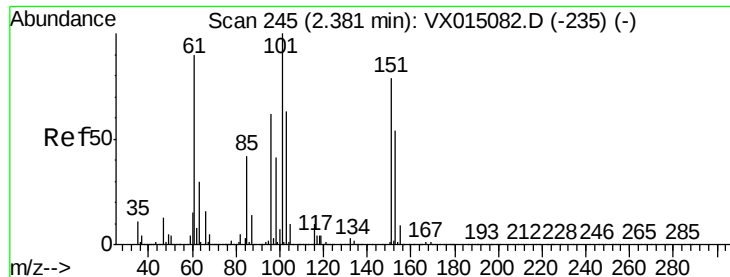
Tgt Ion: 94 Resp: 923

Ion Ratio Lower Upper

94 100

96 24.0 74.6 111.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.673 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

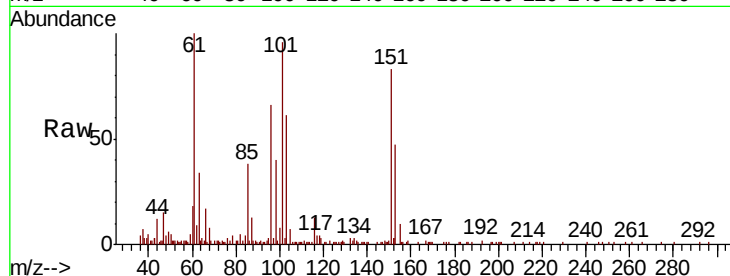
Tot Ion:101 Resp: 15081

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

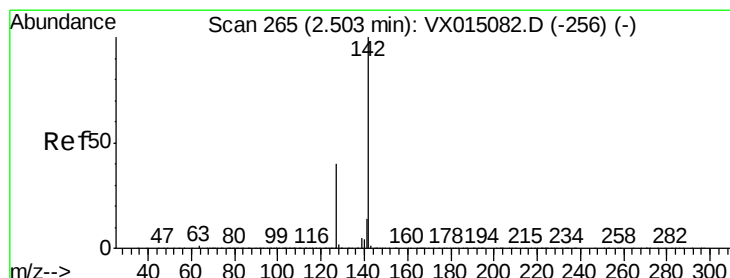
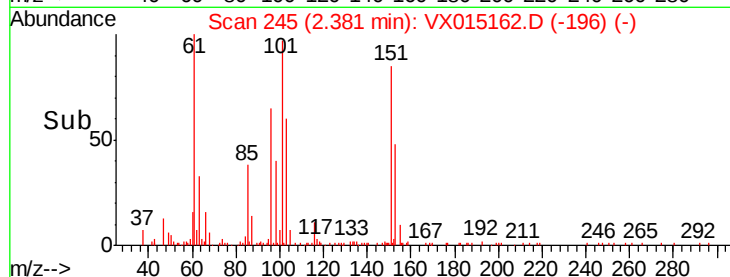
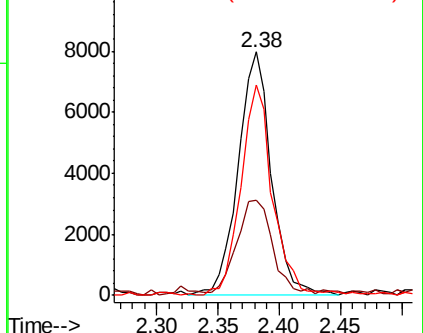
151 81.8 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.355 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

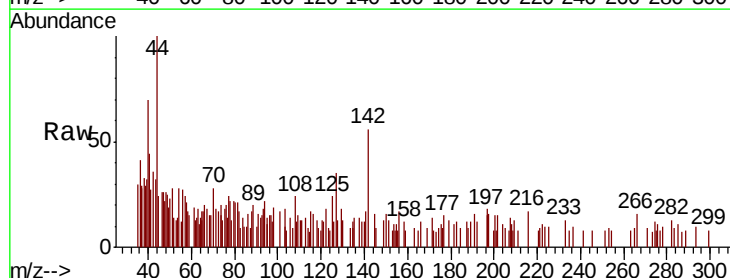
Tgt Ion:142 Resp: 1295

Ion Ratio Lower Upper

142 100

127 32.1 31.7 47.5

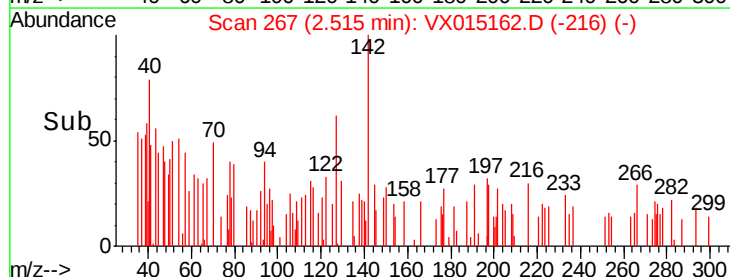
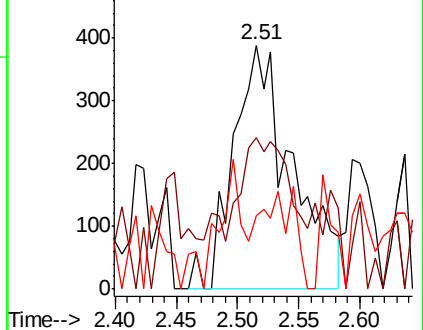
141 22.8 11.3 16.9#

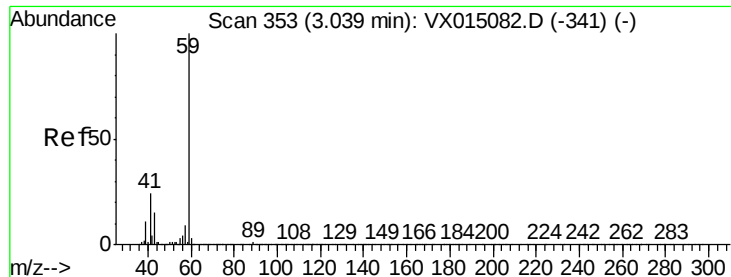


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



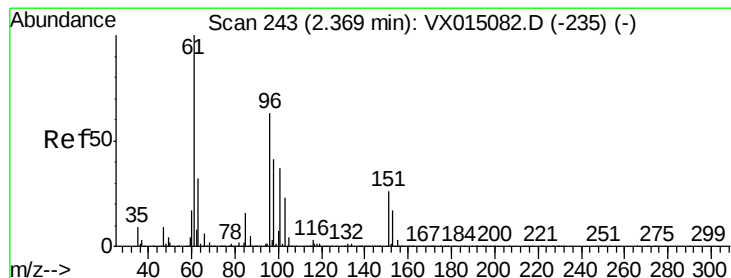
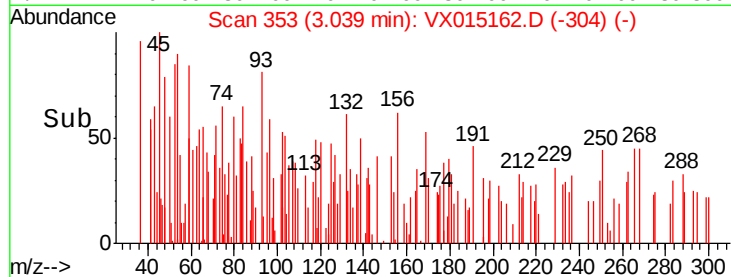
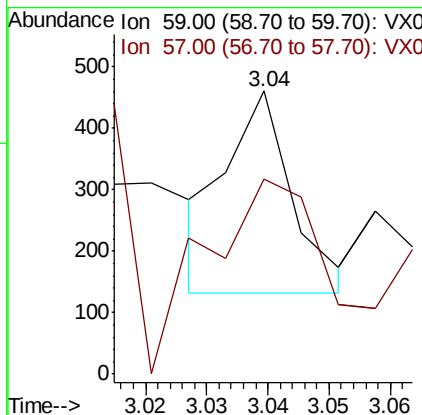
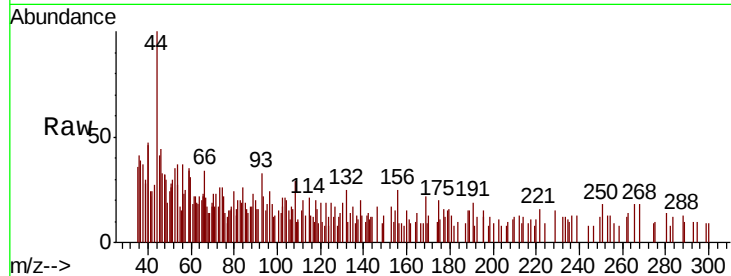


#11

Tert butyl alcohol
Concen: 0.343 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20200304

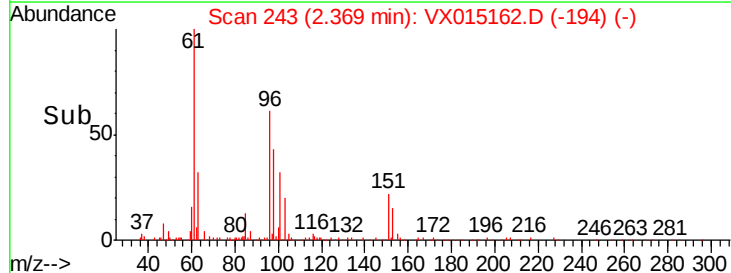
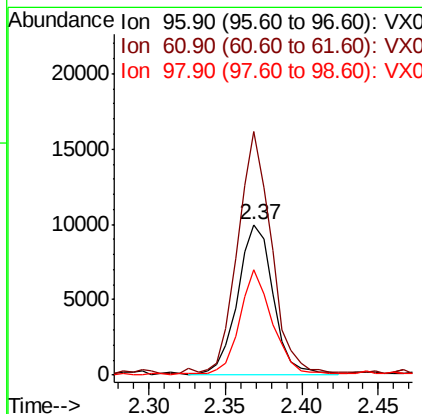
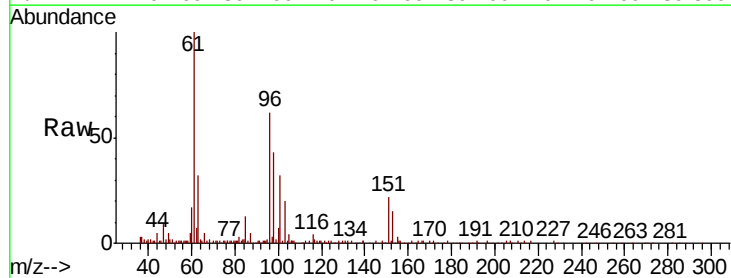
Tot Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 186.8 8.2 12.4#

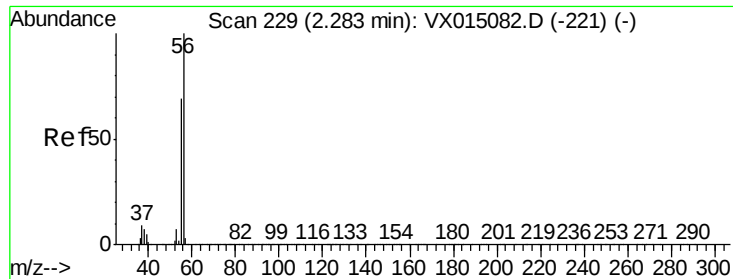


#12

1,1-Dichloroethene
Concen: 4.911 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Tgt Ion: 96 Resp: 16356
Ion Ratio Lower Upper
96 100
61 159.9 126.2 189.4
98 69.1 51.4 77.0

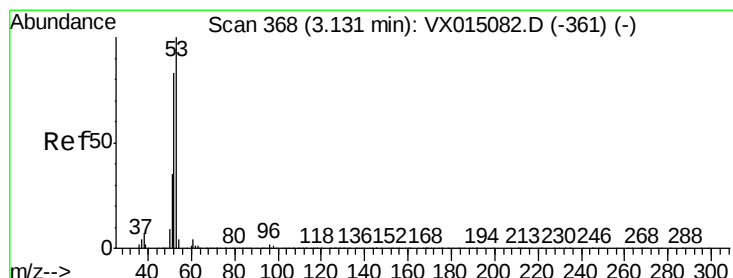
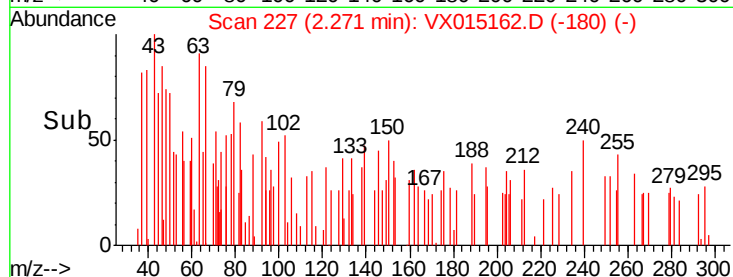
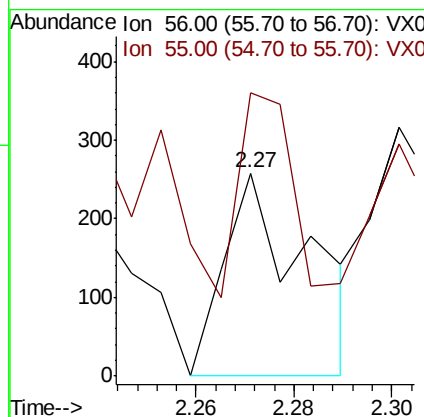
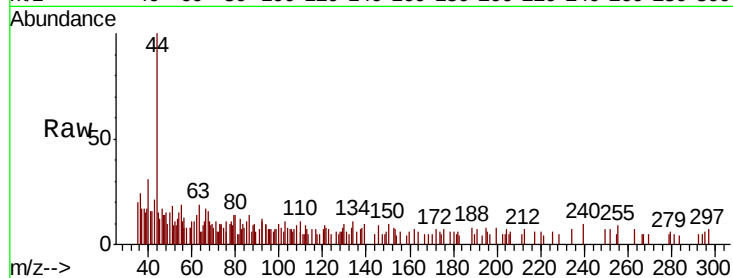




#13
Acrolein
Concen: 0.460 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

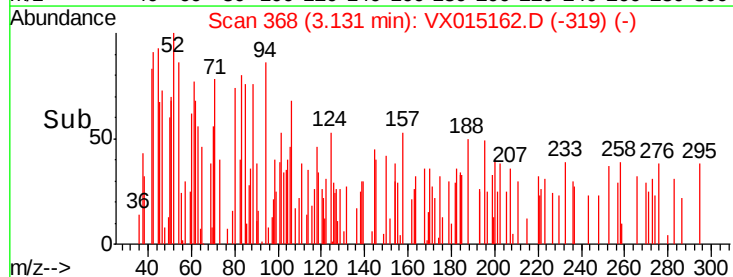
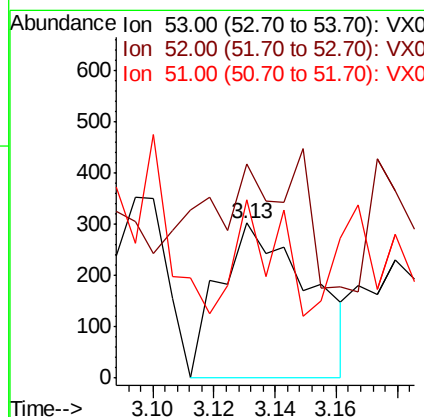
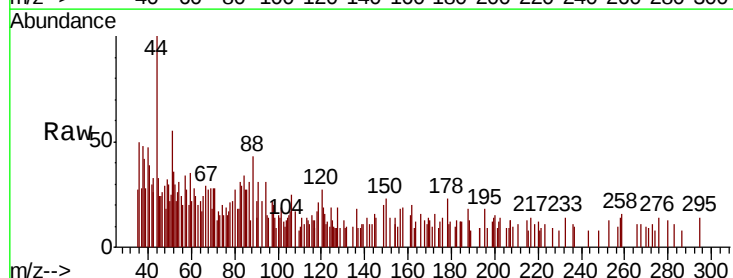
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20200304

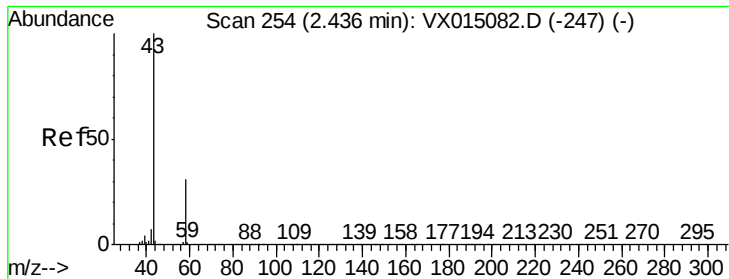
Tot Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 64.9 55.4 83.0



#15
Acrylonitrile
Concen: 0.349 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Tgt Ion: 53 Resp: 614
Ion Ratio Lower Upper
53 100
52 80.9 66.6 100.0
51 58.1 29.0 43.6#





#16

Acetone

Concen: 3.661 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

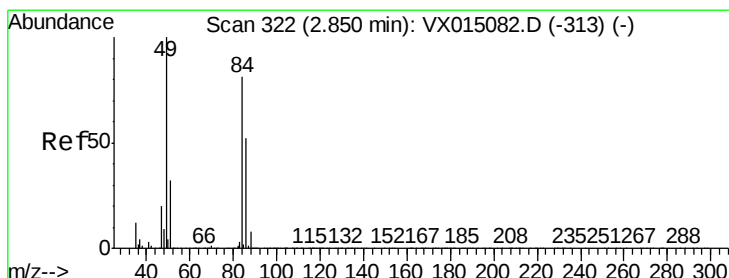
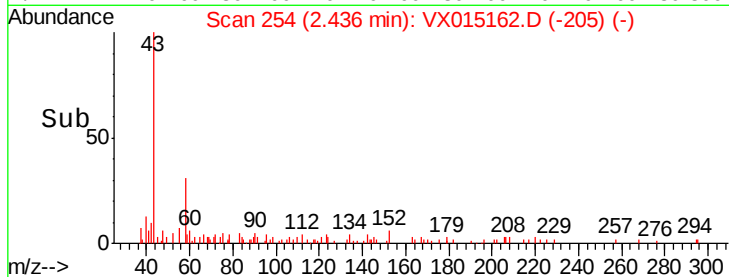
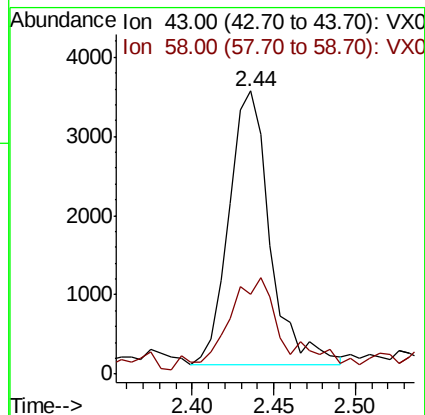
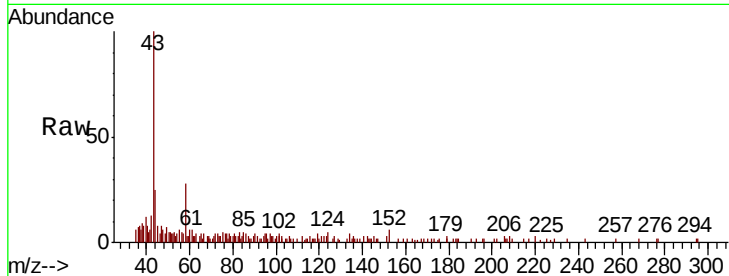
DUP01-20200304

Tot Ion: 43 Resp: 6029

Ion Ratio Lower Upper

43 100

58 25.0 24.8 37.2



#20

Methylene Chloride

Concen: 0.253 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Tgt Ion: 84 Resp: 975

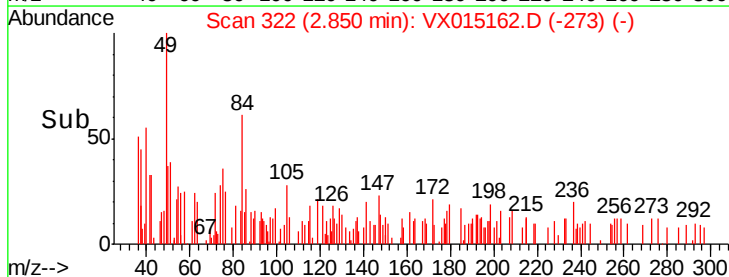
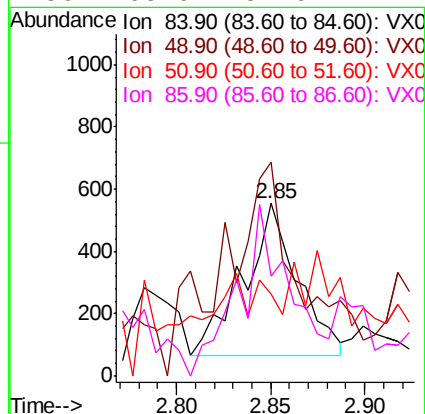
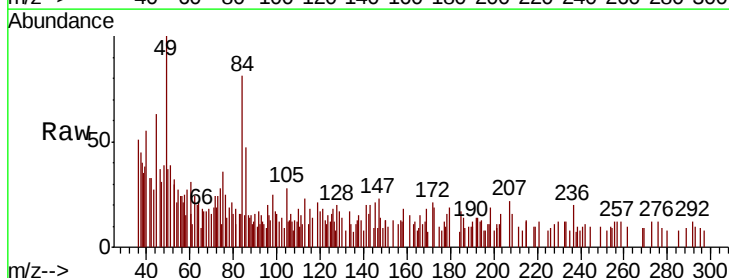
Ion Ratio Lower Upper

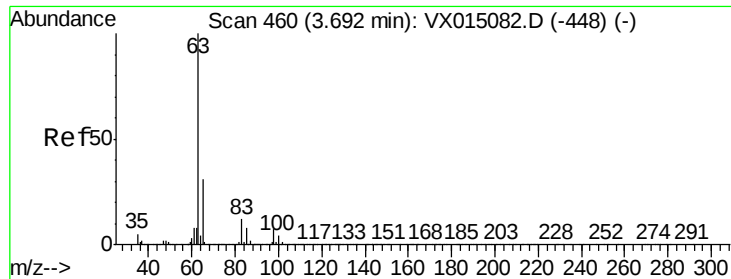
84 100

49 91.4 99.4 149.2#

51 14.8 31.5 47.3#

86 65.9 51.6 77.4





#24

1,1-Dichloroethane

Concen: 3.911 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

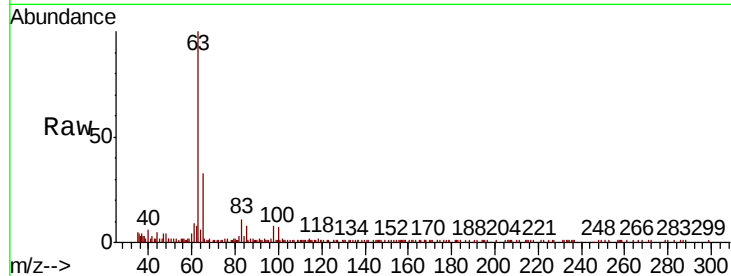
Tot Ion: 63 Resp: 25115

Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

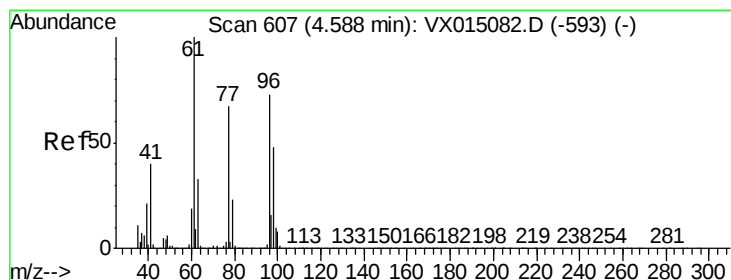
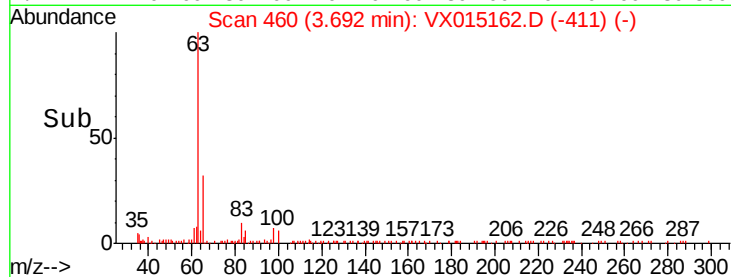
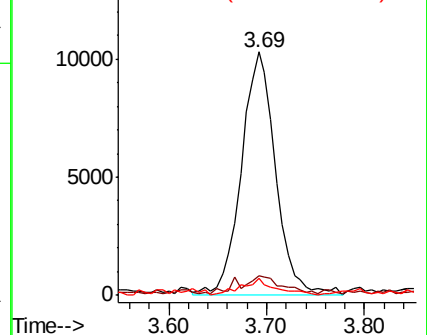
100 5.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 5.636 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

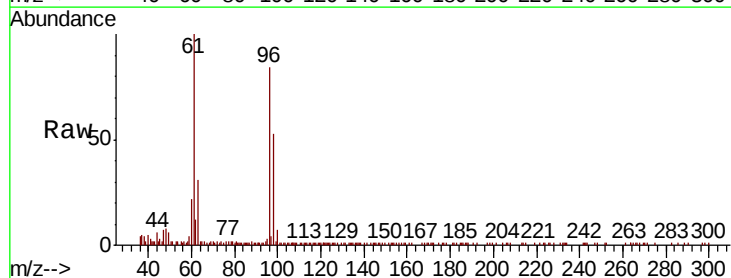
Tgt Ion: 96 Resp: 22485

Ion Ratio Lower Upper

96 100

61 127.9 0.0 286.8

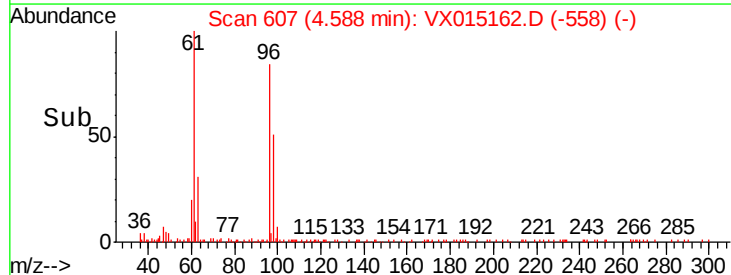
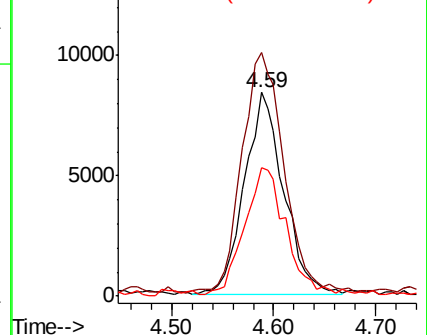
98 65.8 0.0 128.4

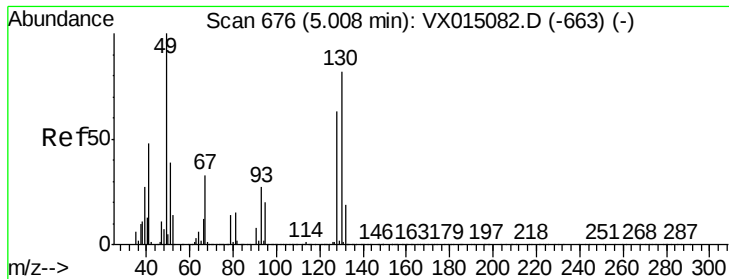


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 0.214 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

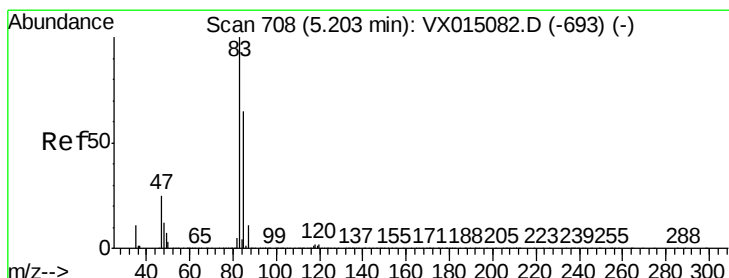
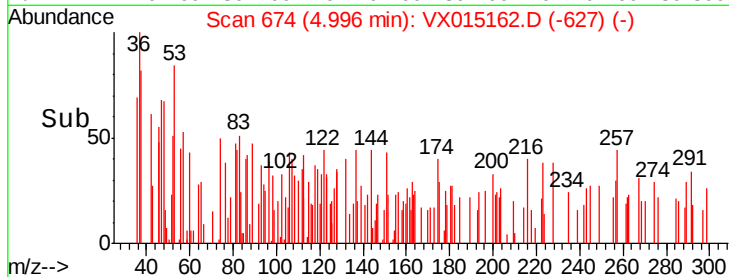
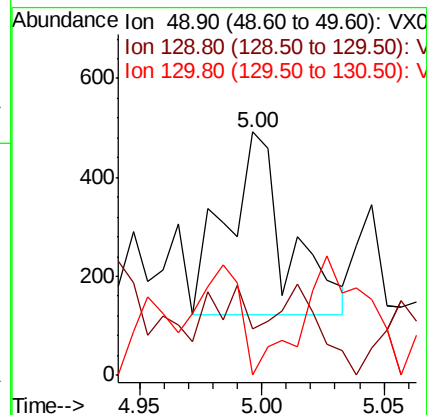
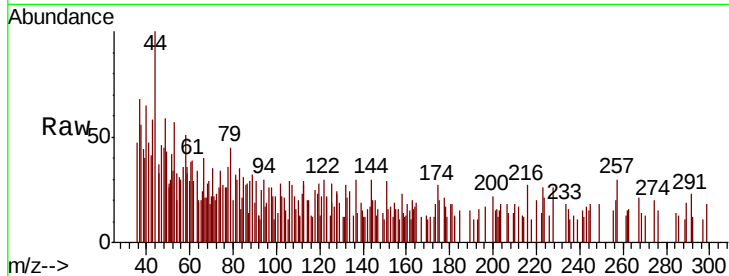
Tot Ion: 49 Resp: 625

Ion Ratio Lower Upper

49 100

129 32.5 0.0 4.4#

130 33.1 65.0 97.6#



#30

Chloroform

Concen: 2.683 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015162.D

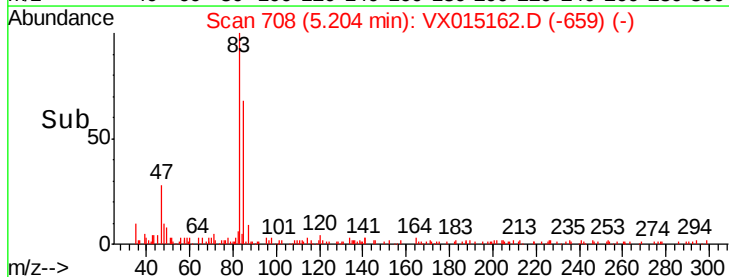
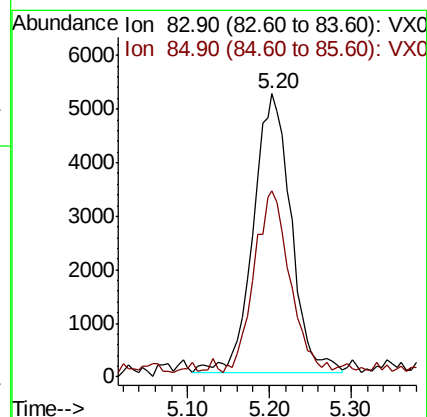
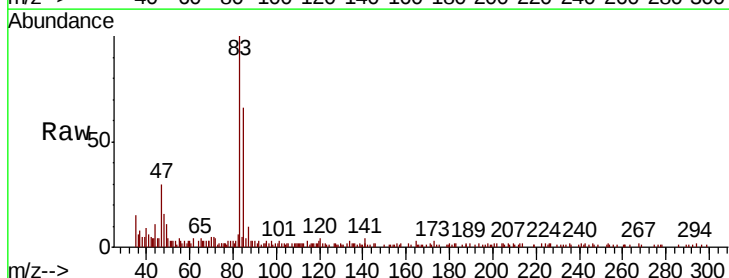
Acq: 10 Mar 2020 11:55

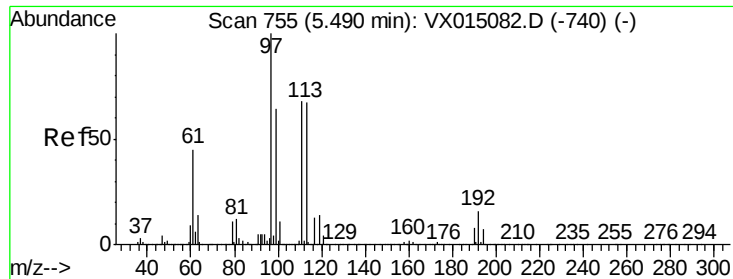
Tgt Ion: 83 Resp: 16791

Ion Ratio Lower Upper

83 100

85 62.9 52.0 78.0





#32

1,1,1-Trichloroethane

Concen: 0.609 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

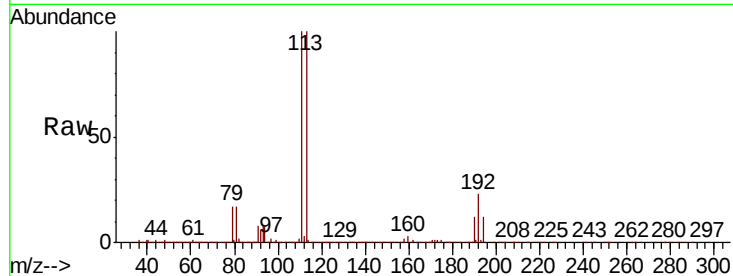
Tot Ion: 97 Resp: 3162

Ion Ratio Lower Upper

97 100

99 0.0 52.8 79.2#

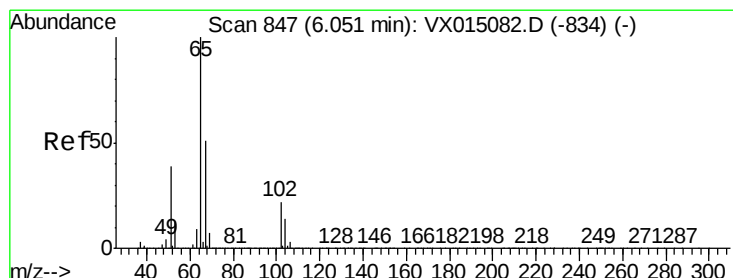
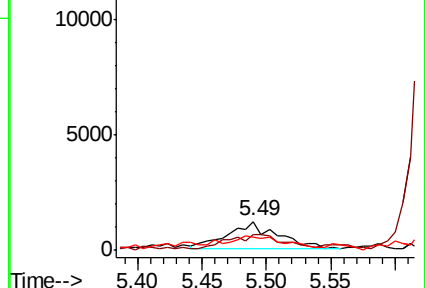
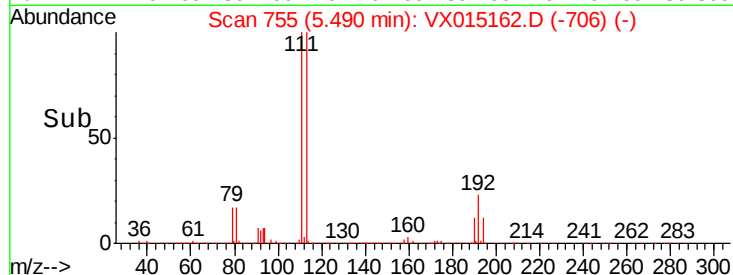
61 37.3 36.6 54.8



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.510 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015162.D

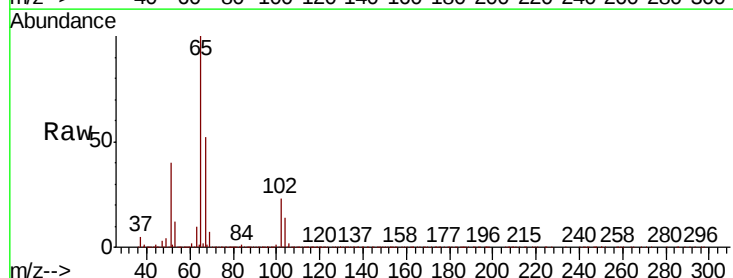
Acq: 10 Mar 2020 11:55

Tgt Ion: 65 Resp: 209445

Ion Ratio Lower Upper

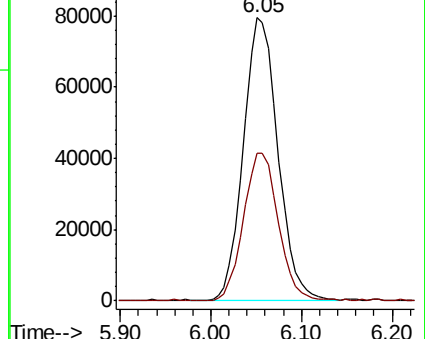
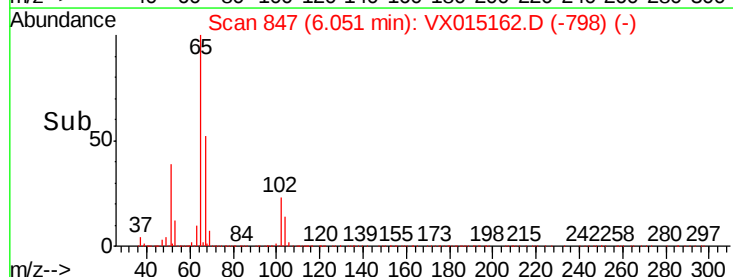
65 100

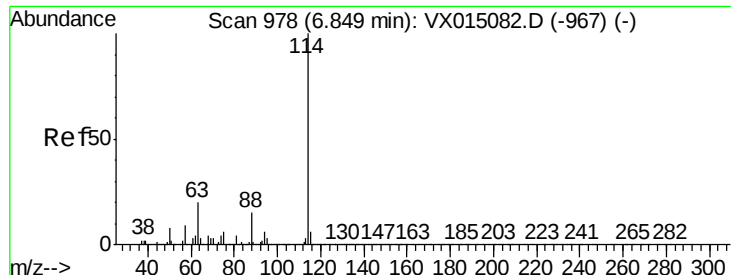
67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

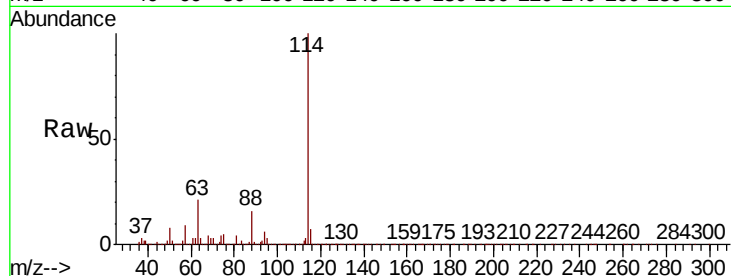




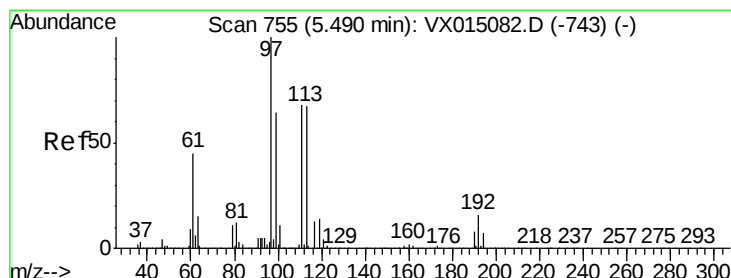
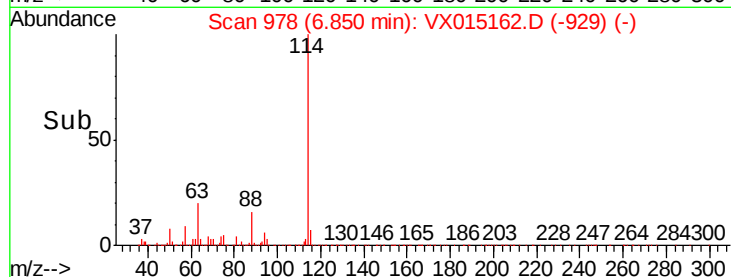
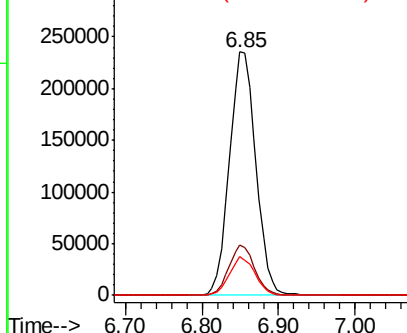
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20200304

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.7	0.0	30.6

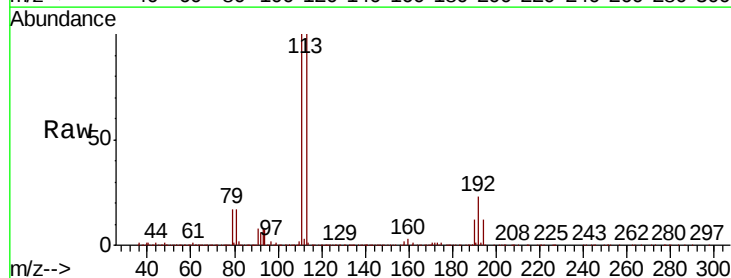


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

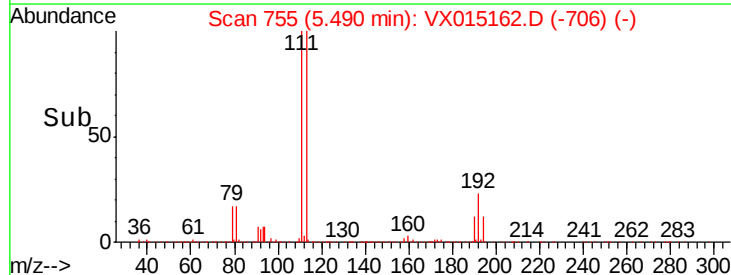
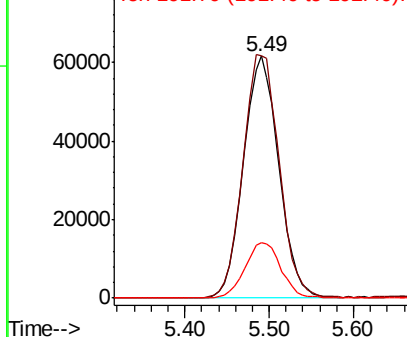


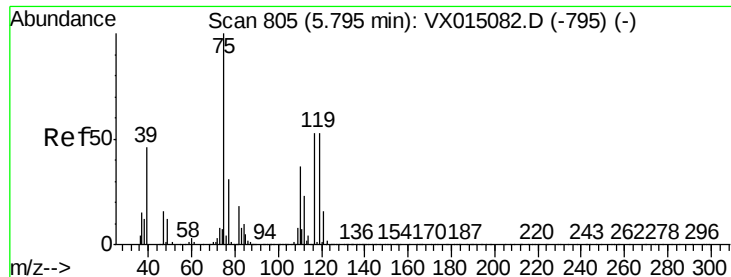
#35
Dibromofluoromethane
Concen: 49.129 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	23.6	18.6	28.0



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

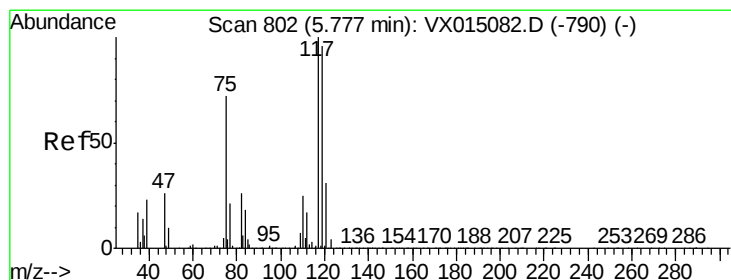
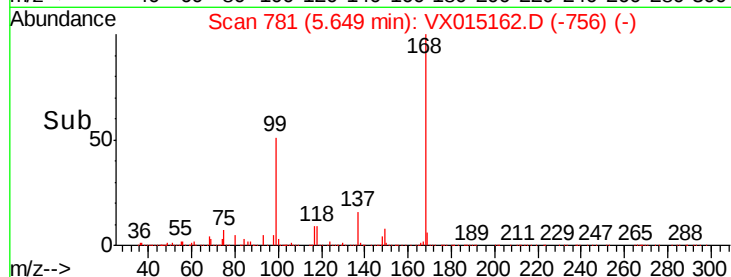
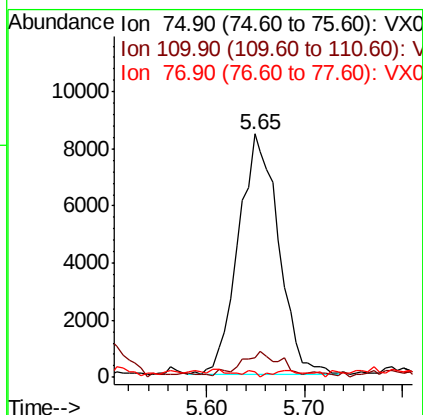
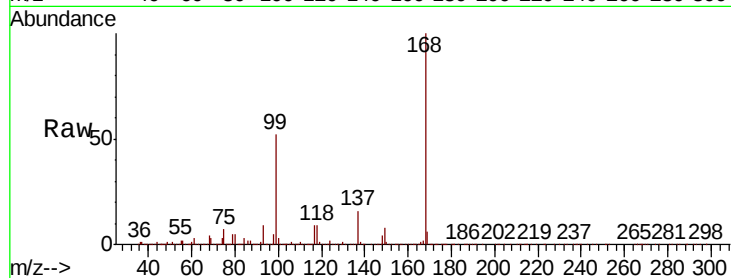




#36
 1,1-Dichloropropene
 Concen: 4.613 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX015162.D
 Acq: 10 Mar 2020 11:55

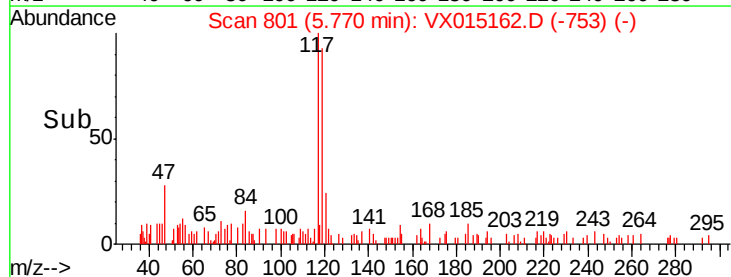
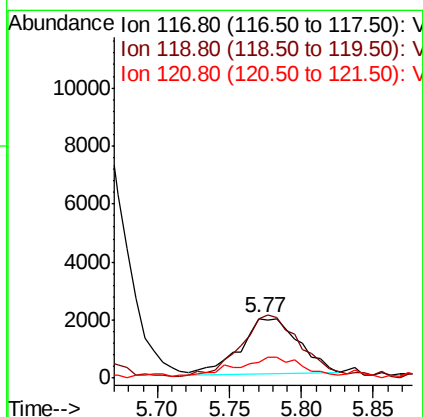
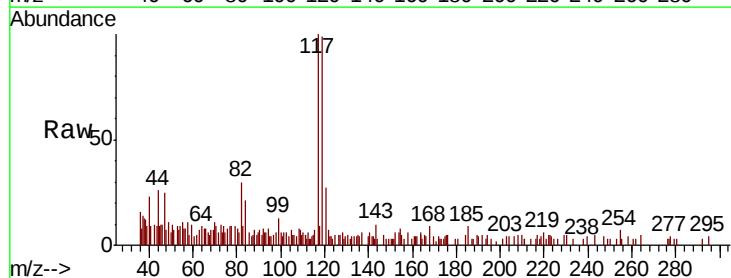
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20200304

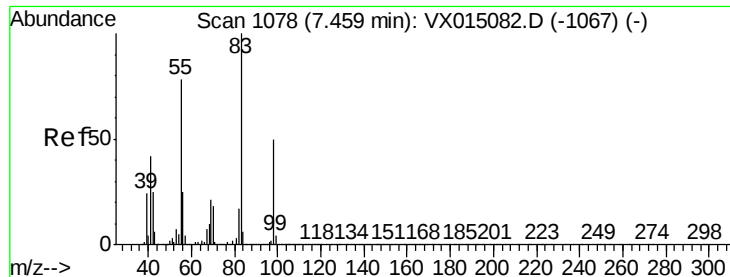
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.9	53.8#
77	0.7	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 1.075 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015162.D
 Acq: 10 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.8	76.9	115.3
121	24.9	24.6	37.0





#39

Methylcyclohexane

Concen: 22.502 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. -0.24 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

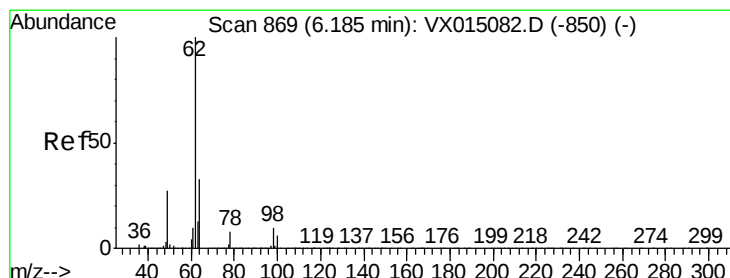
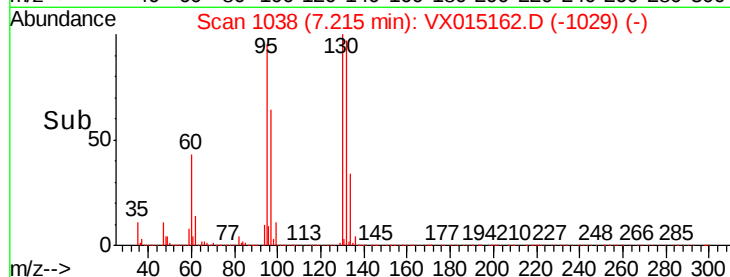
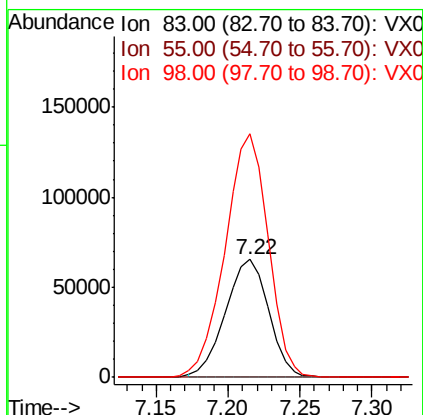
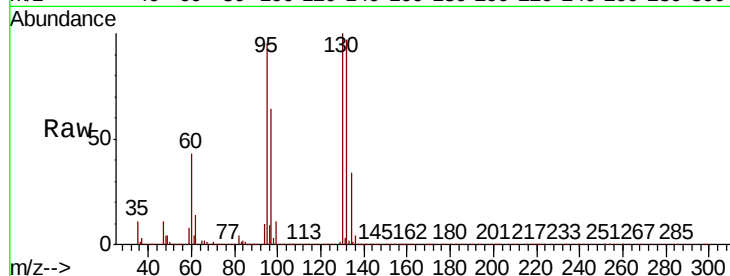
Tot Ion: 83 Resp: 136661

Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

98 206.2 39.7 59.5#



#42

1,2-Dichloroethane

Concen: 0.396 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX015162.D

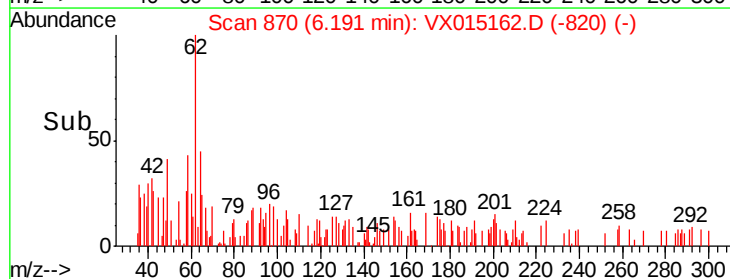
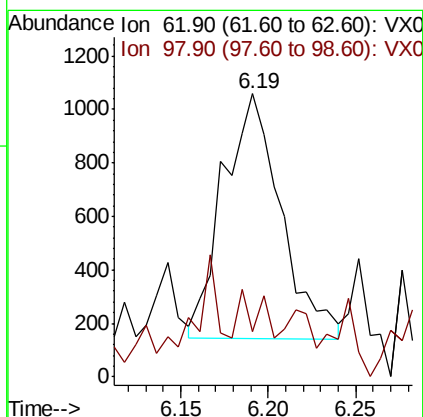
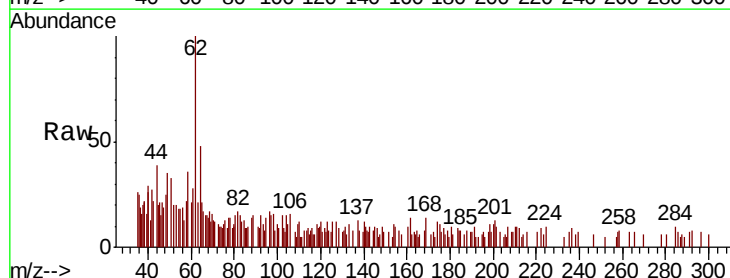
Acq: 10 Mar 2020 11:55

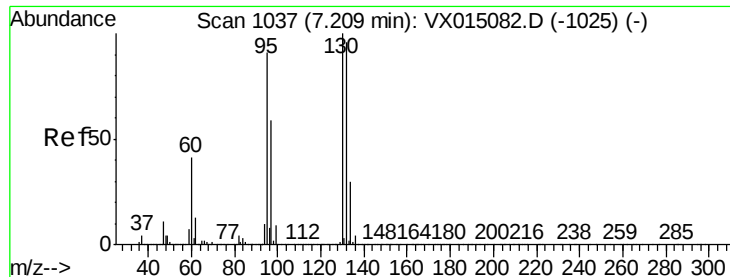
Tgt Ion: 62 Resp: 2097

Ion Ratio Lower Upper

62 100

98 13.6 0.0 20.6





#44

Trichloroethene

Concen: 2658.406 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

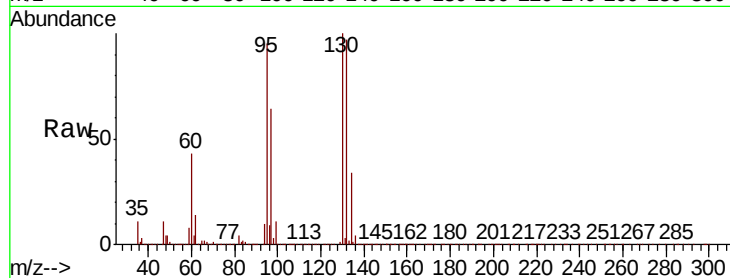
DUP01-20200304

Tot Ion:130 Resp:11424189

Ion Ratio Lower Upper

130 100

95 95.3 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

6000000

5000000

4000000

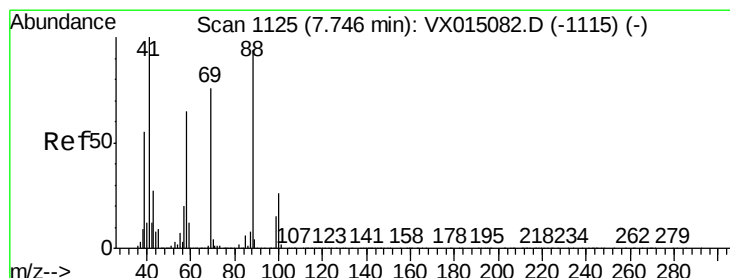
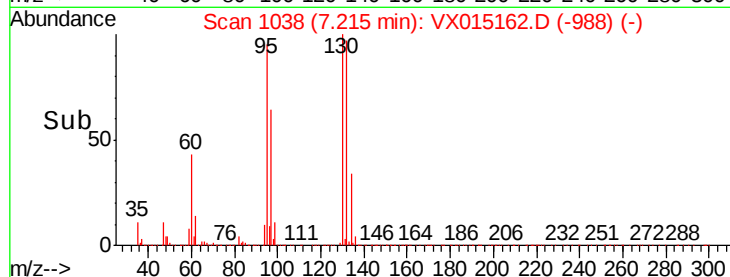
3000000

2000000

1000000

0

Time--> 7.00 7.20 7.40



#49

1,4-Dioxane

Concen: 13.544 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

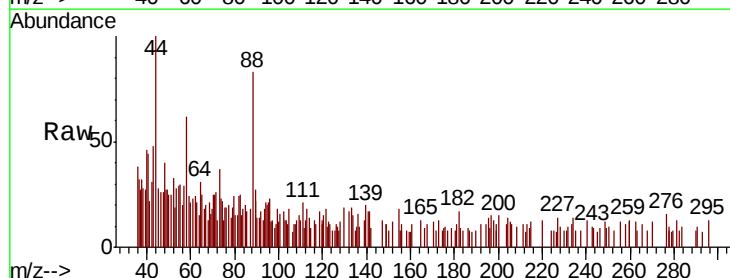
Tgt Ion: 88 Resp: 1265

Ion Ratio Lower Upper

88 100

43 18.5 27.0 40.4#

58 80.2 55.6 83.4



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

800

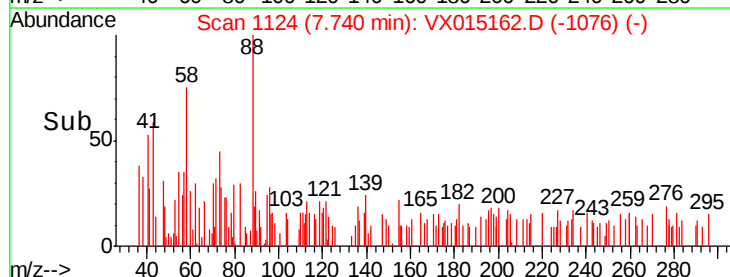
600

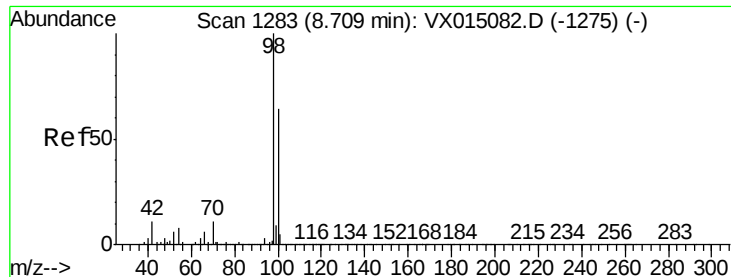
400

200

0

Time--> 7.65 7.70 7.75 7.80





#50

Toluene-d8

Concen: 50.083 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

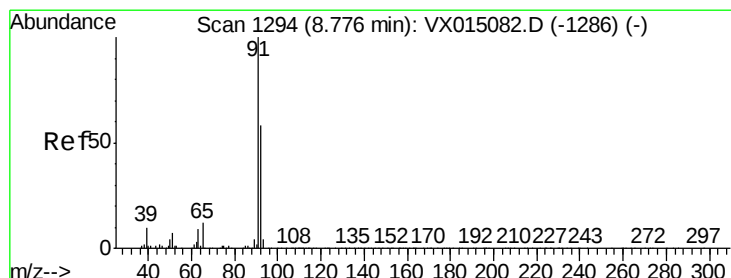
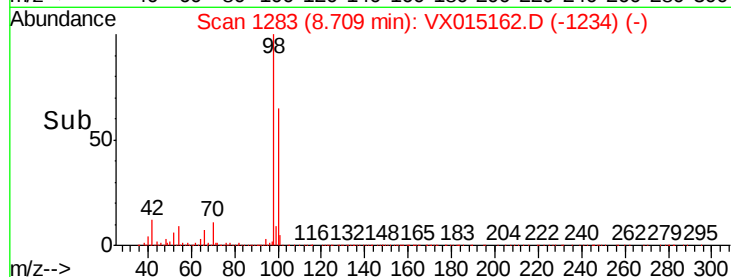
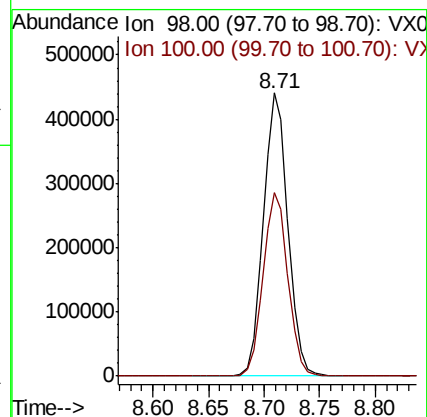
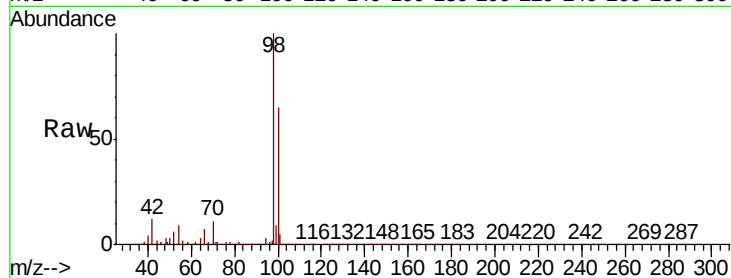
DUP01-20200304

Tot Ion: 98 Resp: 676173

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#52

Toluene

Concen: 0.217 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015162.D

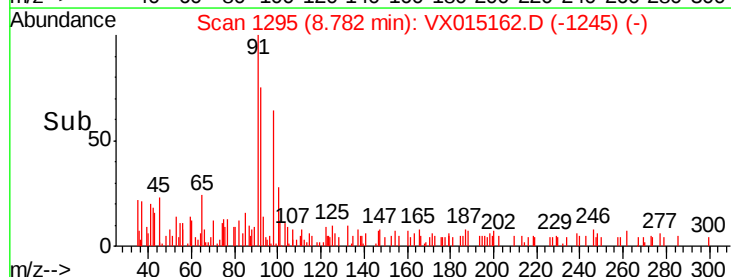
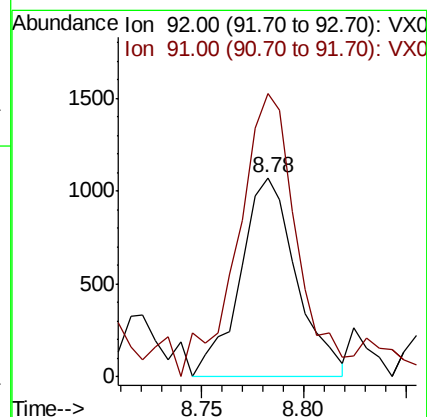
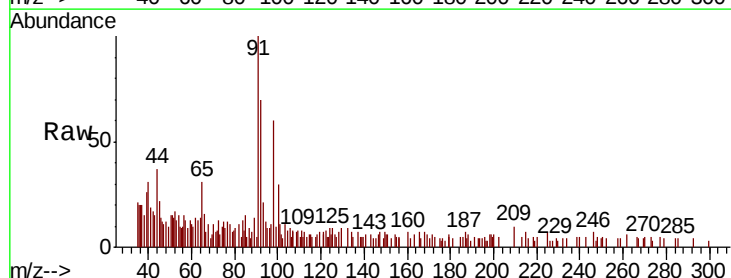
Acq: 10 Mar 2020 11:55

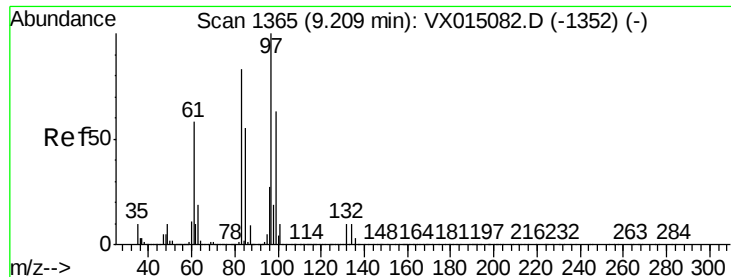
Tgt Ion: 92 Resp: 2051

Ion Ratio Lower Upper

92 100

91 149.7 136.9 205.3





#55

1,1,2-Trichloroethane

Concen: 1.416 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

Tot Ion: 97 Resp: 5499

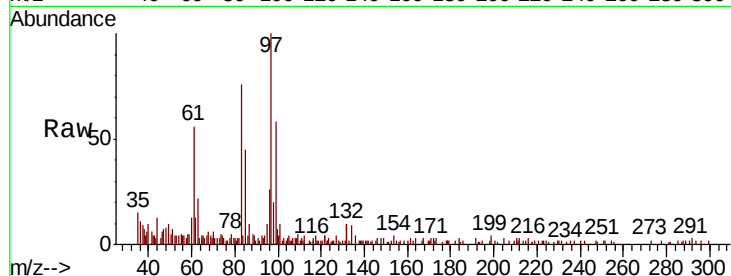
Ion Ratio Lower Upper

97 100

83 75.1 66.4 99.6

85 42.9 43.5 65.3#

99 55.8 50.7 76.1

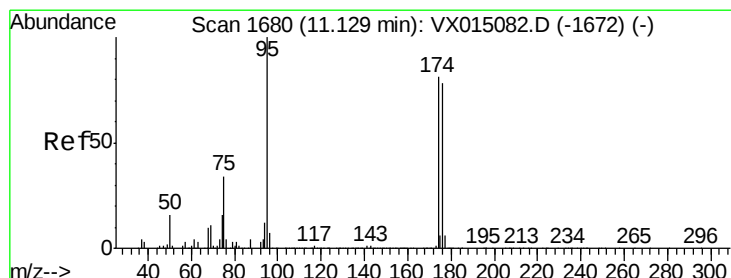
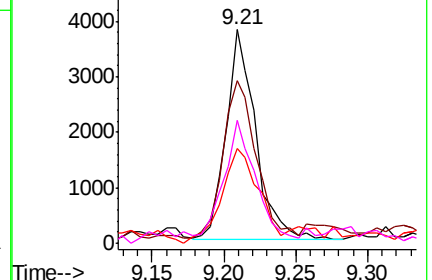
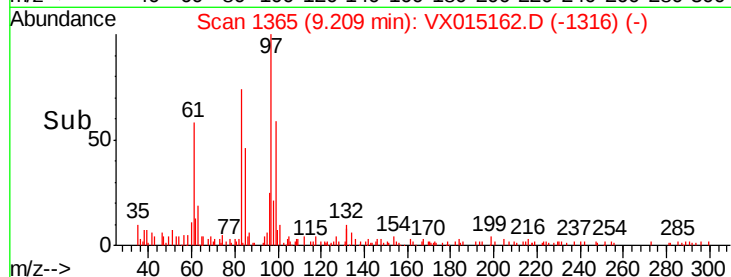


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 50.989 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

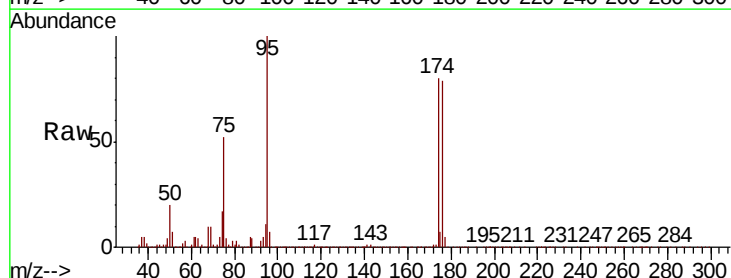
Tgt Ion: 95 Resp: 245546

Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

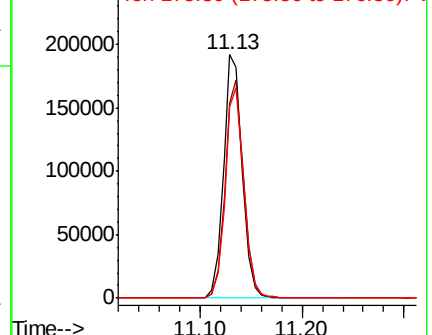
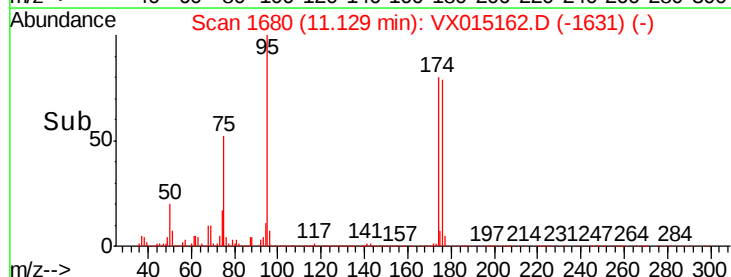
176 86.0 0.0 170.2

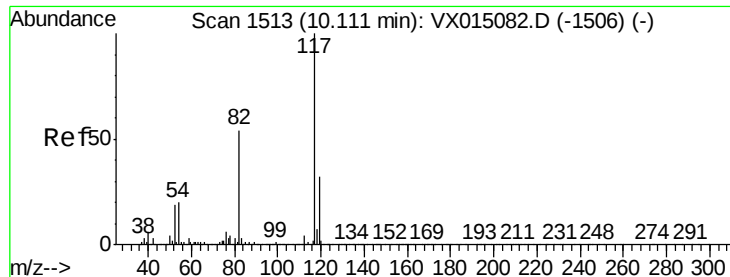


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

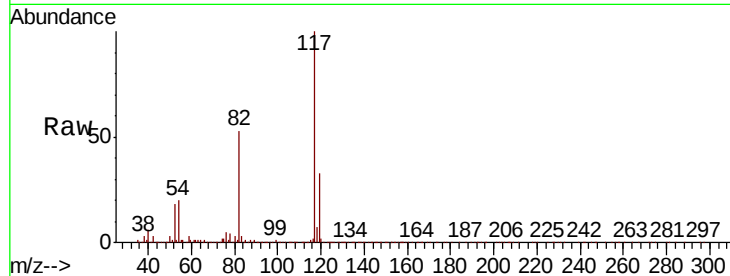




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20200304

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.3	64.9
119	32.6	25.8	38.8

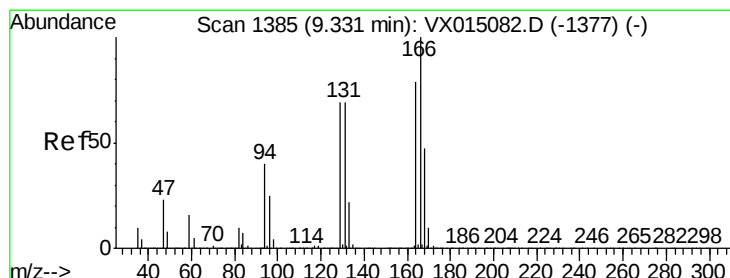
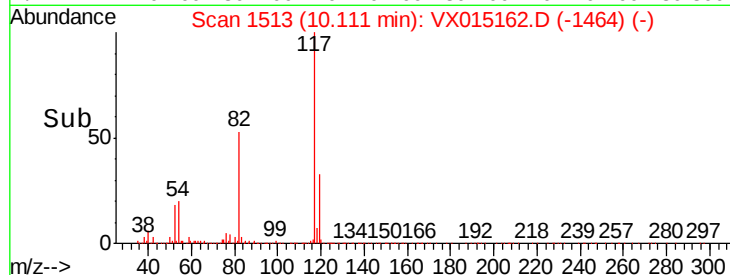
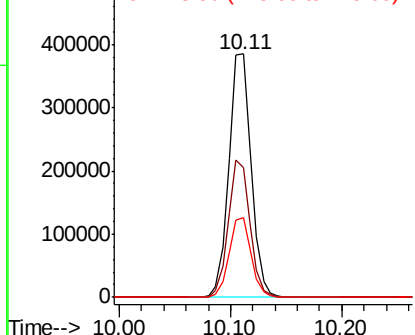


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 2.158 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.3	101.1	151.7
129	94.5	69.4	104.0
131	88.2	69.8	104.8

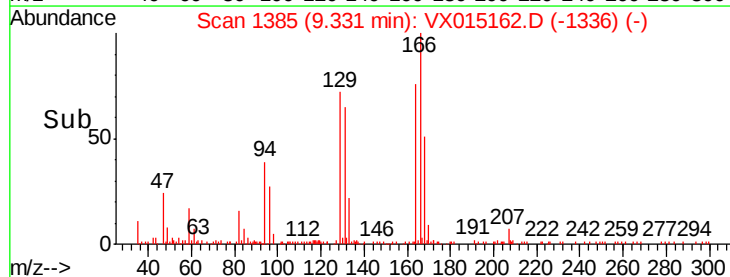
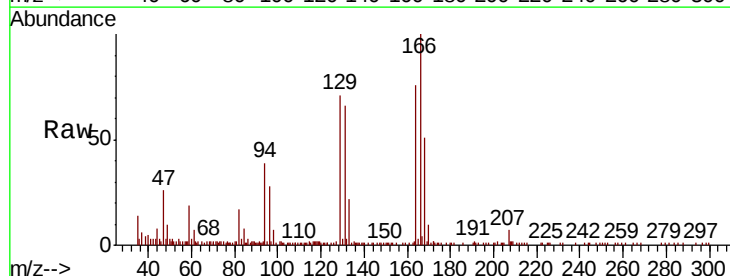
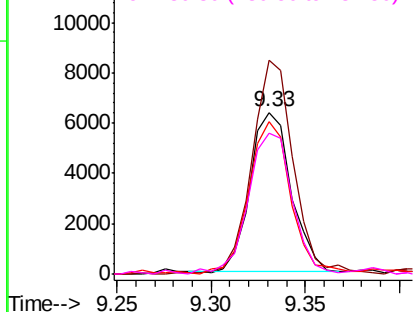
Abundance

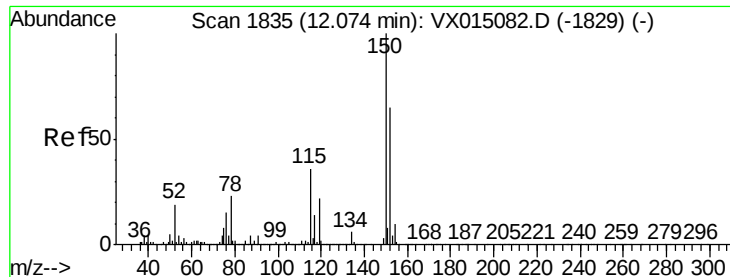
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

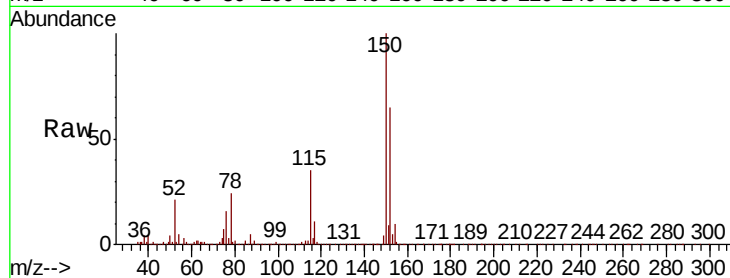
Tot Ion:152 Resp: 269068

Ion Ratio Lower Upper

152 100

115 55.6 38.2 114.6

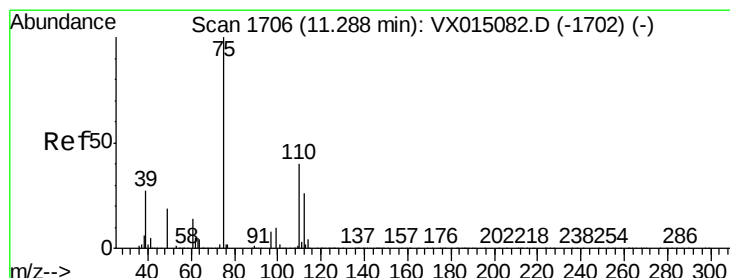
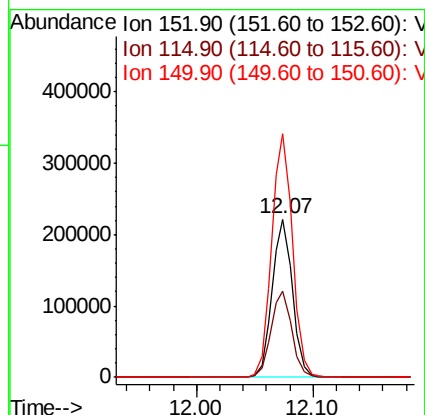
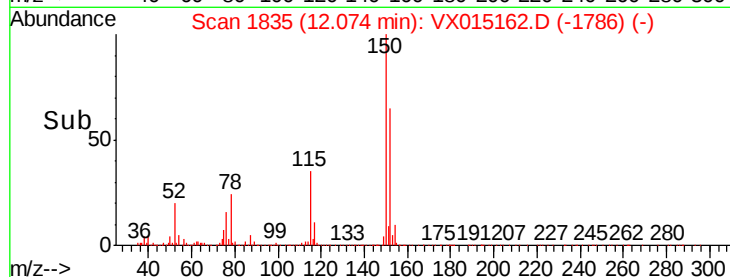
150 156.6 0.0 343.8



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



#76

1,2,3-Trichloropropane

Concen: 22.988 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015162.D

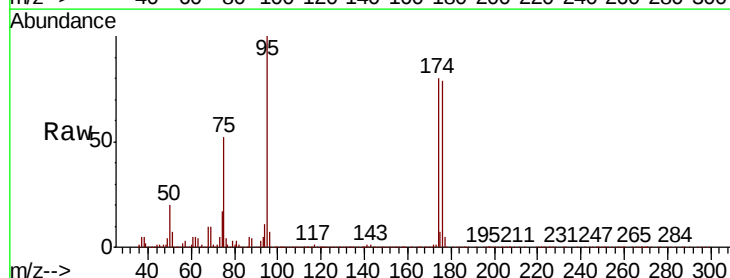
Acq: 10 Mar 2020 11:55

Tgt Ion: 75 Resp: 123381

Ion Ratio Lower Upper

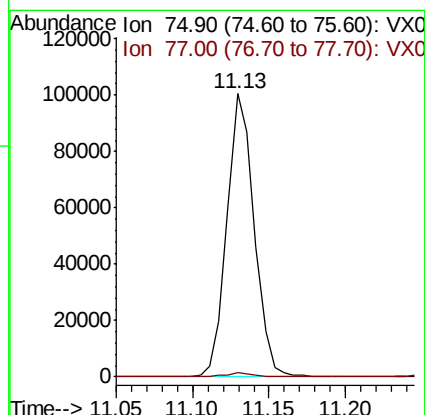
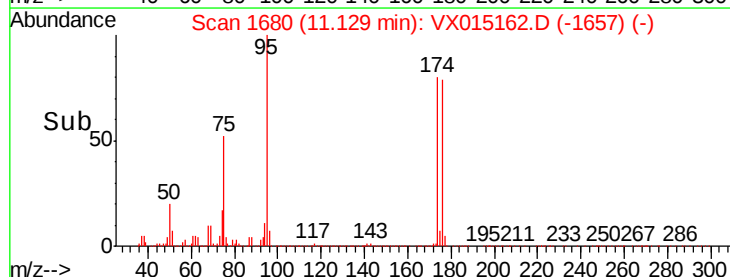
75 100

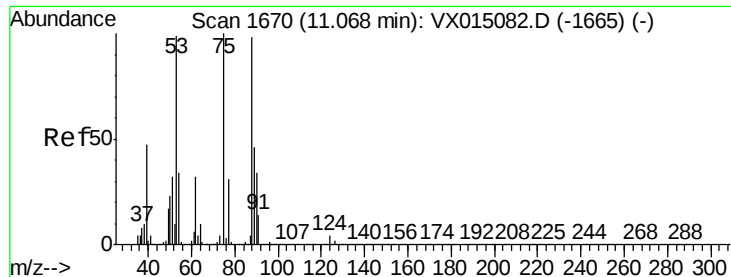
77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.241 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20200304

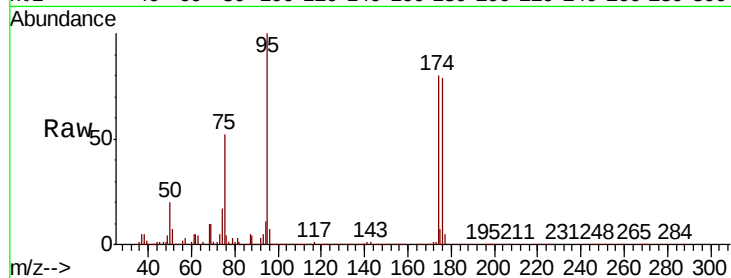
Tot Ion: 75 Resp: 123381

Ion Ratio Lower Upper

75 100

53 0.3 77.9 116.9#

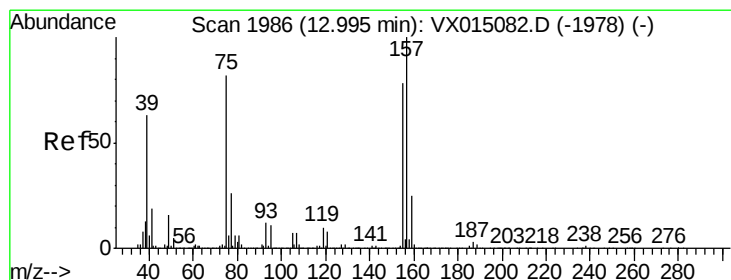
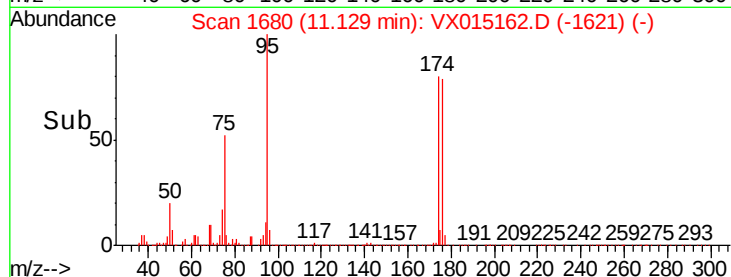
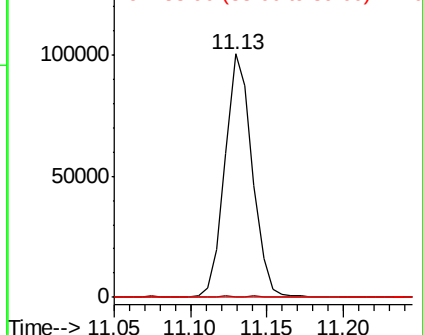
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.216 ug/l

RT: 12.90 min Scan# 1971

Delta R.T. -0.09 min

Lab File: VX015162.D

Acq: 10 Mar 2020 11:55

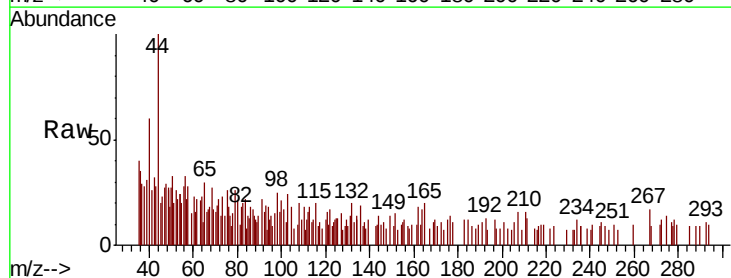
Tgt Ion: 75 Resp: 248

Ion Ratio Lower Upper

75 100

155 82.3 46.6 139.7

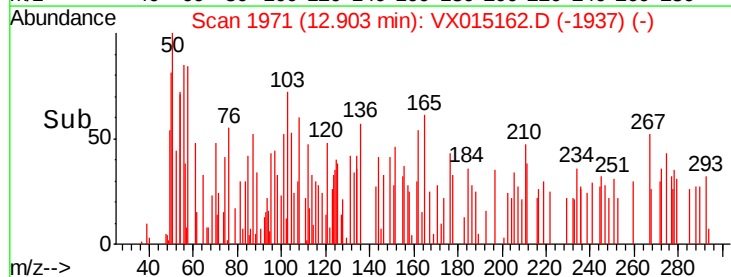
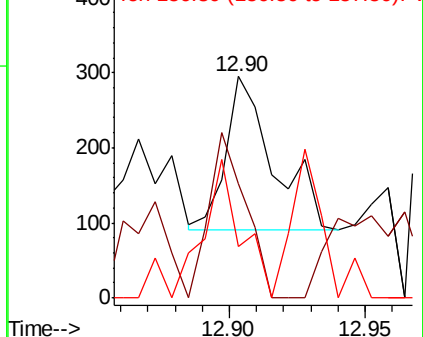
157 78.6 59.2 177.5

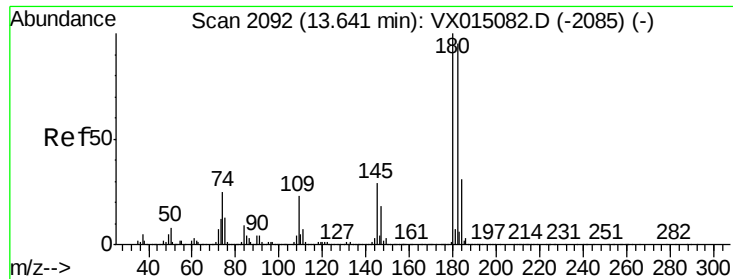


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

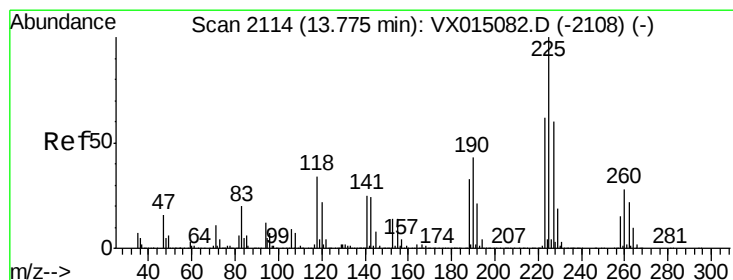
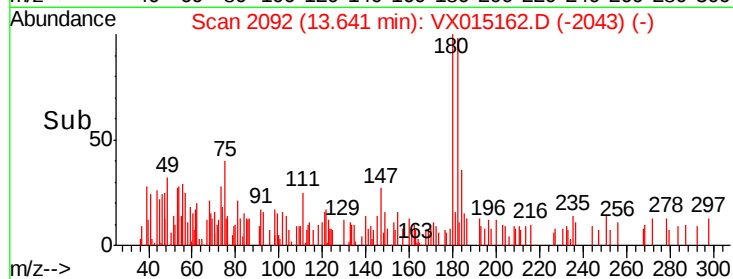
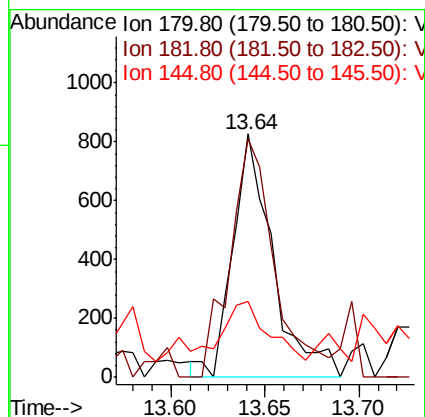
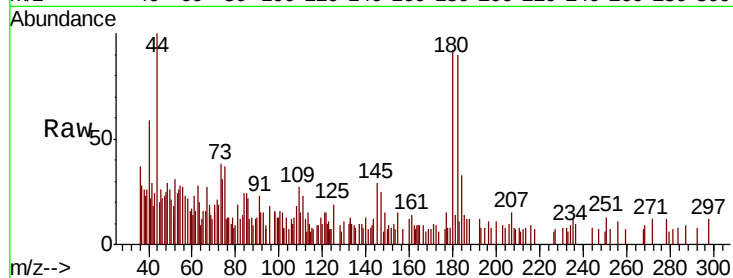




#93
 1,2,4-Trichlorobenzene
 Concen: 0.210 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015162.D
 Acq: 10 Mar 2020 11:55

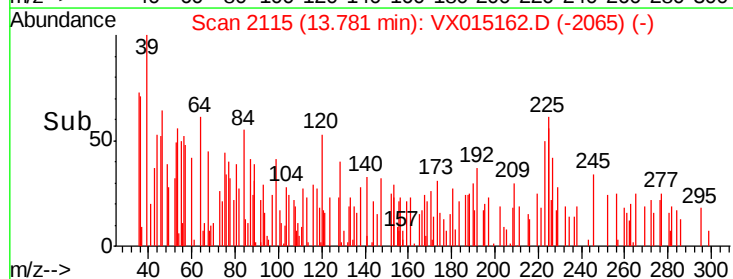
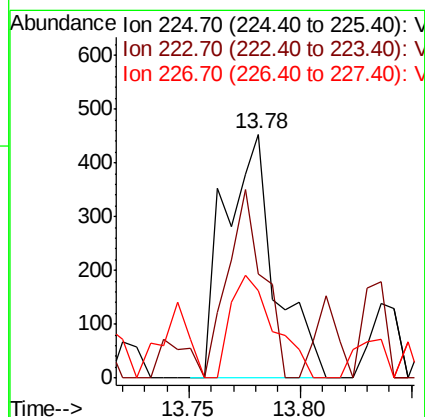
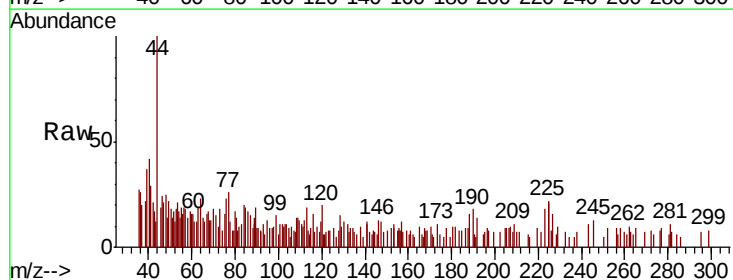
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20200304

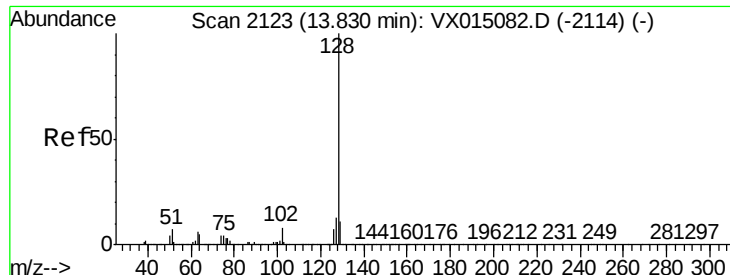
Tot Ion:180 Resp: 1221
 Ion Ratio Lower Upper
 180 100
 182 109.1 47.6 142.8
 145 24.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 0.238 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX015162.D
 Acq: 10 Mar 2020 11:55

Tgt Ion:225 Resp: 710
 Ion Ratio Lower Upper
 225 100
 223 54.5 31.3 93.9
 227 36.8 31.1 93.2





#95
Naphthalene
Concen: 1.493 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015162.D
Acq: 10 Mar 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20200304

Tot Ion	Ratio	Lower	Upper
128	100		
127	21.2	10.3	15.5#
129	20.5	8.6	13.0#

