

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031219\
 Data File : VX008026.D
 Acq On : 12 Mar 2019 19:40
 Operator : JC/SP
 Sample : K1793-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20190306

Quant Time: Mar 13 05:22:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

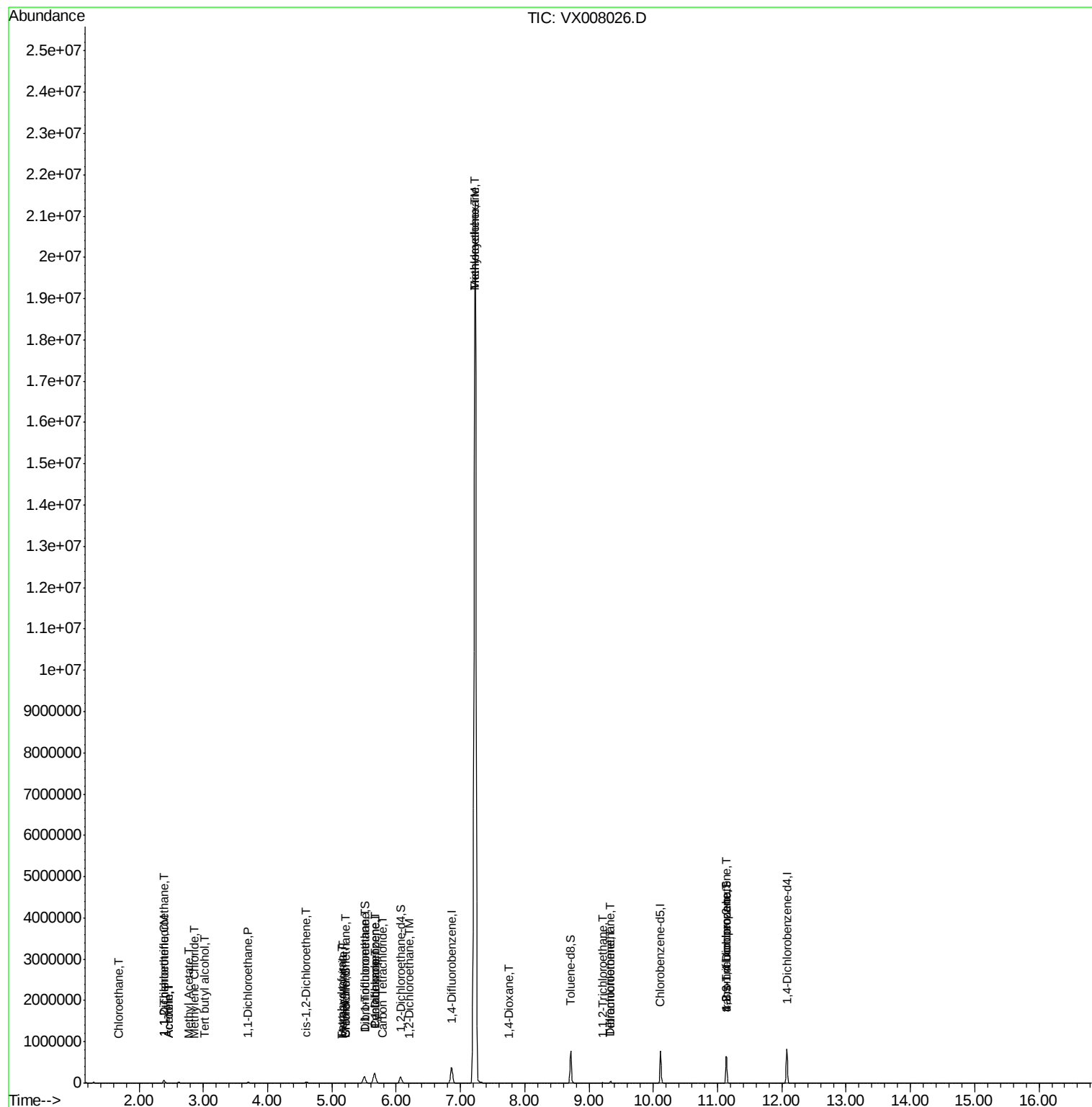
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138982	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	5.50	113	128187	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	8.71	98	477766	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.13	95	178057	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	120	Below Cal	#	77
6) Chloroethane	1.68	64	2611	1.425	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13975	6.282	ug/l	98
11) Tert butyl alcohol	3.02	59	3679	6.187	ug/l #	79
12) 1,1-Dichloroethene	2.38	96	13528	6.308	ug/l	99
13) Acrolein	2.46	56	19	1.597	ug/l #	1
16) Acetone	2.45	43	3788	2.461	ug/l	96
17) Carbon Disulfide	2.58	76	403	Below Cal	#	33
18) Methyl Acetate	2.78	43	760	0.232	ug/l #	72
20) Methylene Chloride	2.87	84	709	0.289	ug/l #	81
24) 1,1-Dichloroethane	3.70	63	16310	3.669	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	21013	7.782	ug/l	89
28) Bromochloromethane	5.21	49	914	0.441	ug/l #	11
29) Tetrahydrofuran	5.15	42	1857	1.366	ug/l	94
30) Chloroform	5.21	83	11627	2.765	ug/l	92
31) Cyclohexane	5.67	56	3726	0.912	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	2209	0.633	ug/l #	48
36) 1,1-Dichloropropene	5.67	75	15721	4.409	ug/l #	49
38) Carbon Tetrachloride	5.79	117	4827	1.426	ug/l	94
39) Methylcyclohexane	7.23	83	103585	23.976	ug/l #	1
41) Methacrylonitrile	5.17	41	1144	0.496	ug/l #	49
42) 1,2-Dichloroethane	6.20	62	1128	0.325	ug/l	78
44) Trichloroethene	7.23	130	9216300	3150.655	ug/l	99
49) 1,4-Dioxane	7.76	88	765	11.311	ug/l #	93
55) 1,1,2-Trichloroethane	9.21	97	3866	1.474	ug/l	92
60) Dibromochloromethane	9.34	129	9237	3.369	ug/l #	11
64) Tetrachloroethene	9.34	164	10543	3.402	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	81398	20.874	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	81398	66.723	ug/l #	11

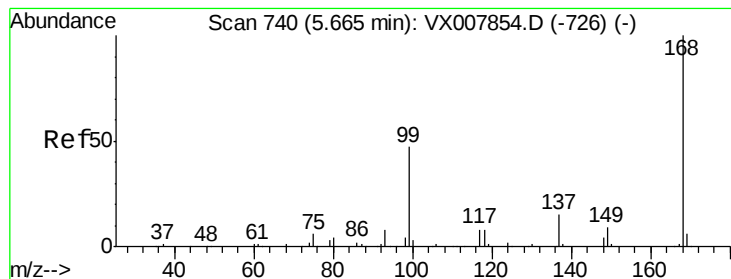
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031219\
Data File : VX008026.D
Acq On : 12 Mar 2019 19:40
Operator : JC/SP
Sample : K1793-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190306

Quant Time: Mar 13 05:22:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

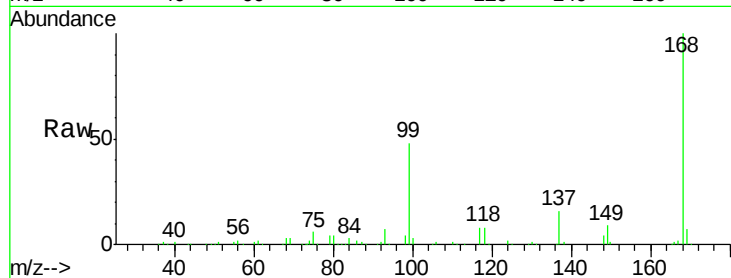
DUP02-20190306

Tot Ion:168 Resp: 252047

Ion Ratio Lower Upper

168 100

99 48.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

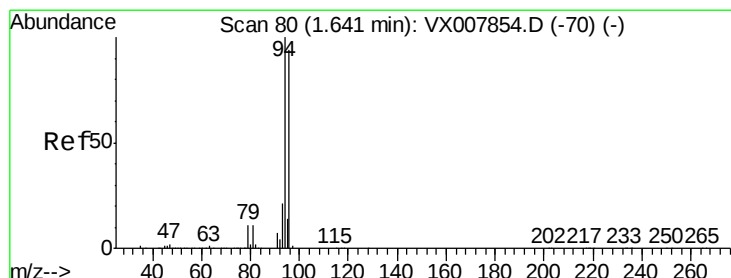
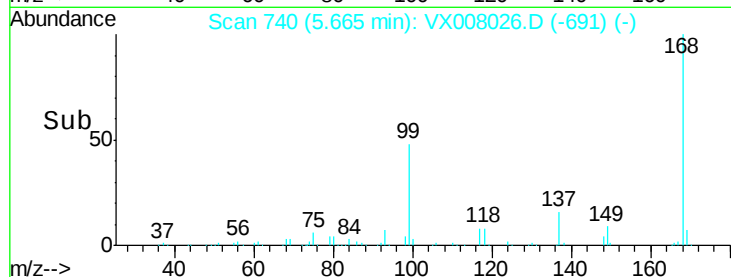
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX008026.D

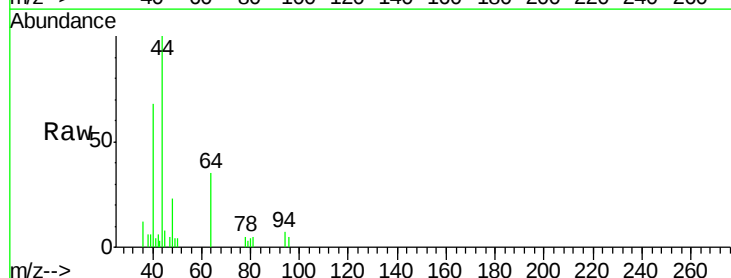
Acq: 12 Mar 2019 19:40

Tgt Ion: 94 Resp: 120

Ion Ratio Lower Upper

94 100

96 71.9 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

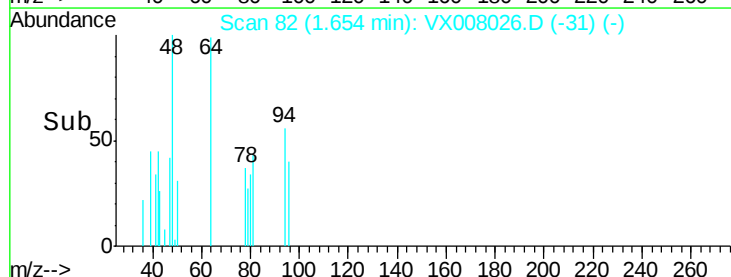
150

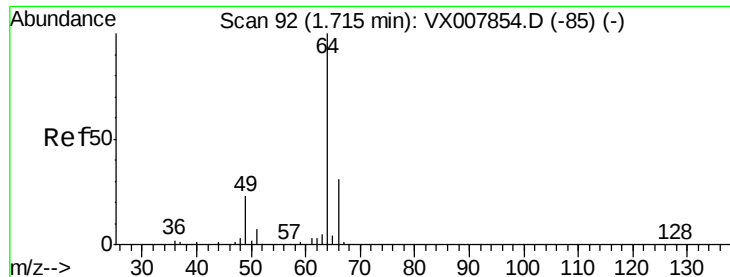
100

50

0

Time--> 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 1.425 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

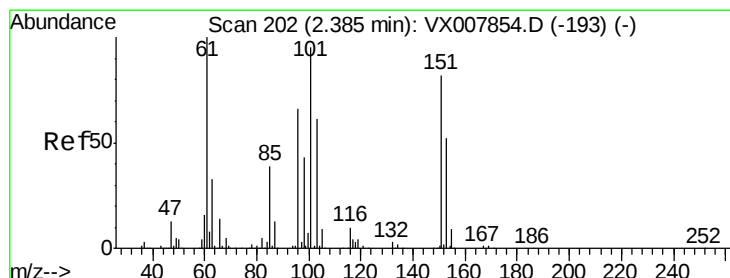
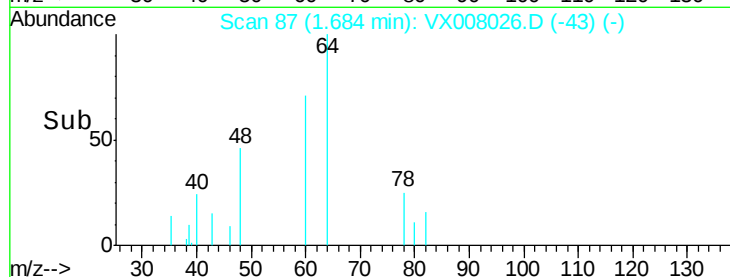
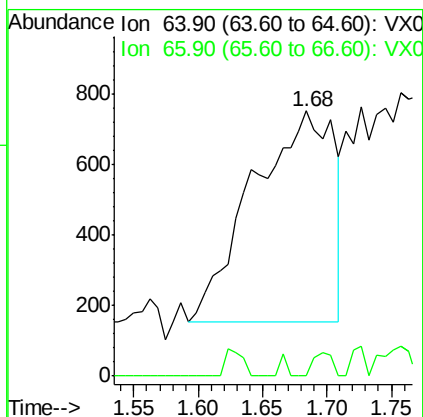
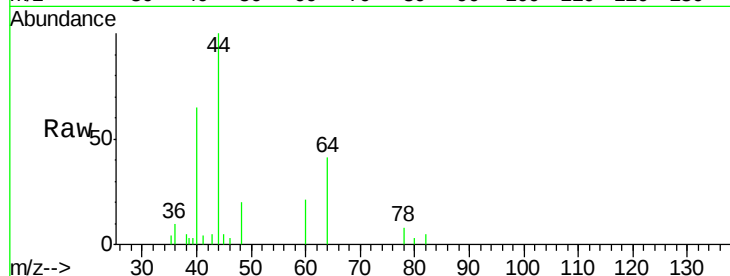
DUP02-20190306

Tot Ion: 64 Resp: 2611

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.282 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

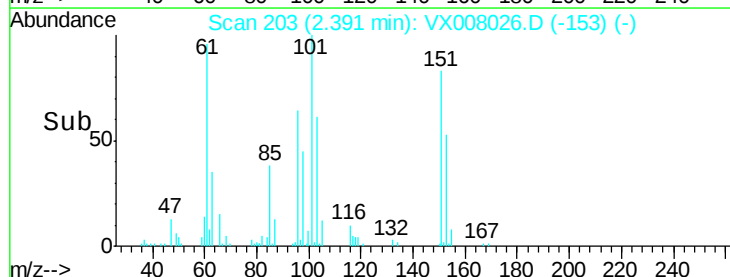
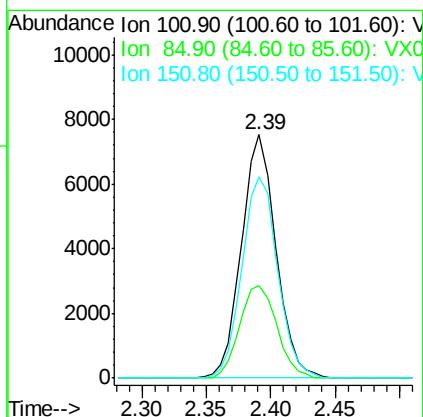
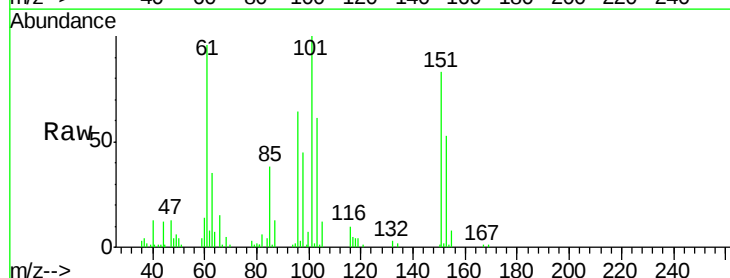
Tgt Ion: 101 Resp: 13975

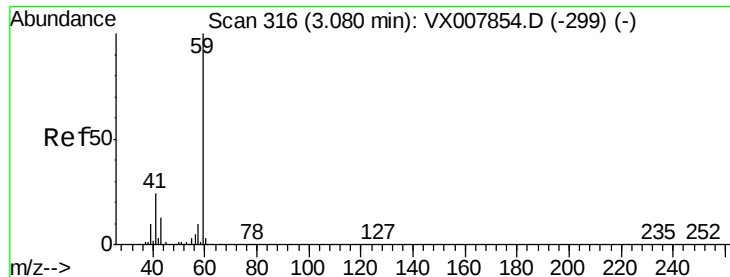
Ion Ratio Lower Upper

101 100

85 40.9 33.8 50.6

151 85.3 69.1 103.7



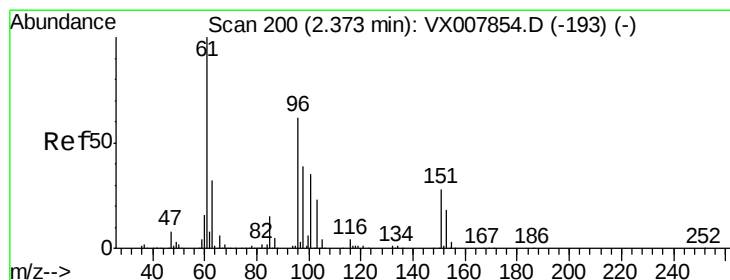
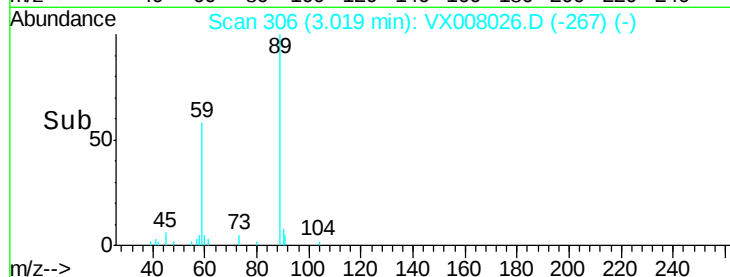
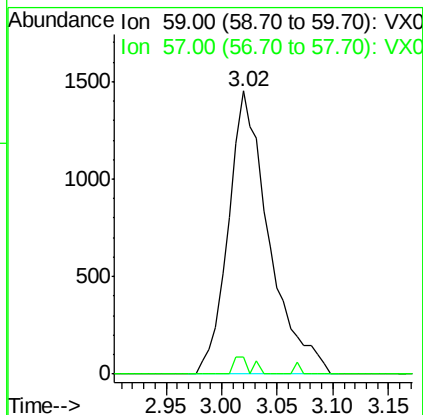
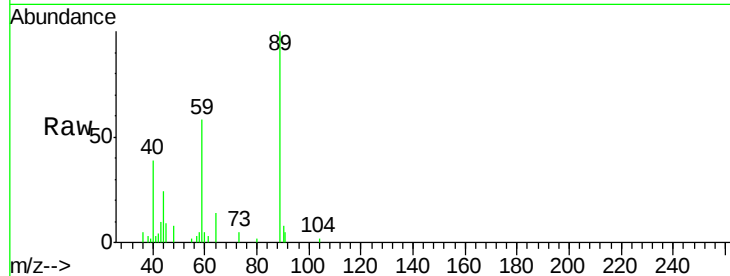


#11

Tert butyl alcohol
 Concen: 6.187 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX008026.D
 Acq: 12 Mar 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20190306

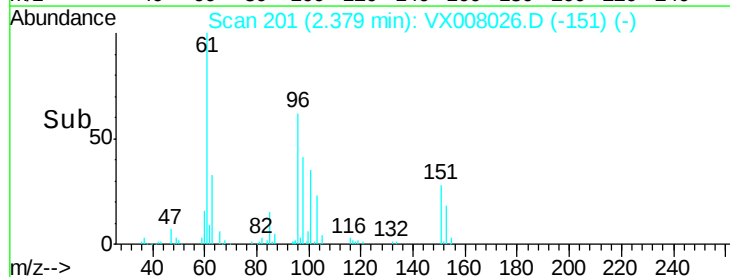
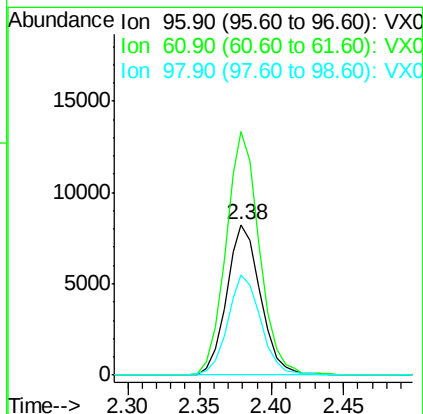
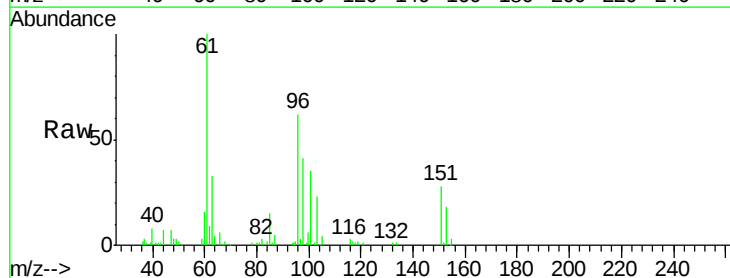
Tot Ion: 59 Resp: 3679
 Ion Ratio Lower Upper
 59 100
 57 2.4 8.2 12.2#

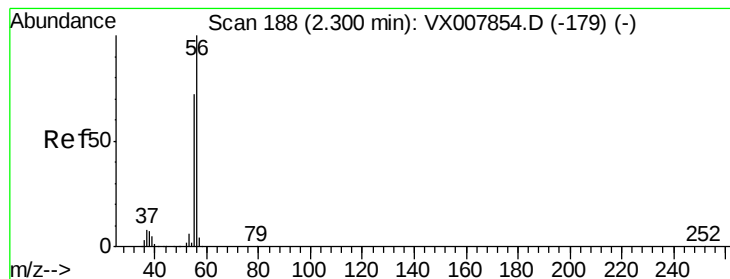


#12

1,1-Dichloroethene
 Concen: 6.308 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008026.D
 Acq: 12 Mar 2019 19:40

Tgt Ion: 96 Resp: 13528
 Ion Ratio Lower Upper
 96 100
 61 161.8 129.8 194.6
 98 66.3 51.0 76.6





#13

Acrolein

Concen: 1.597 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.16 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

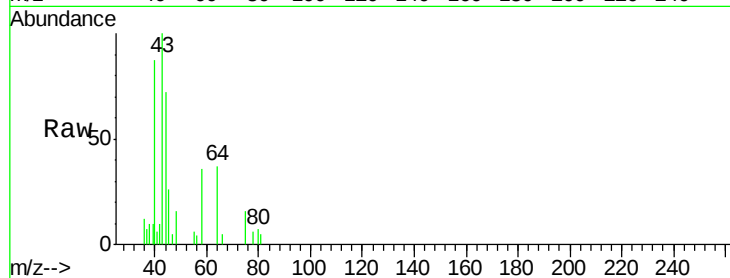
DUP02-20190306

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 247.4 57.8 86.6#

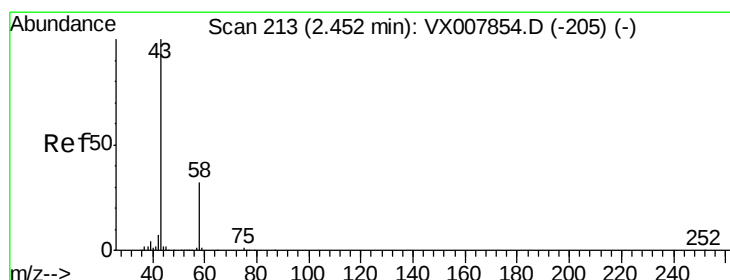
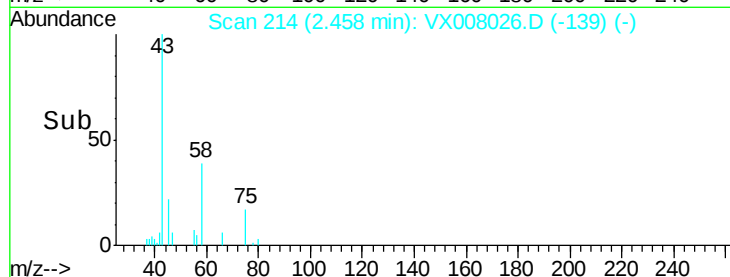


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.46

Time-->



#16

Acetone

Concen: 2.461 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008026.D

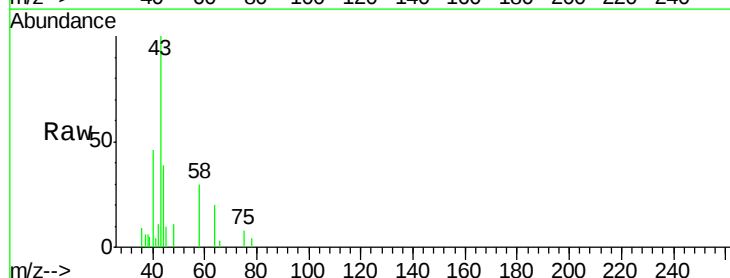
Acq: 12 Mar 2019 19:40

Tgt Ion: 43 Resp: 3788

Ion Ratio Lower Upper

43 100

58 29.7 25.5 38.3

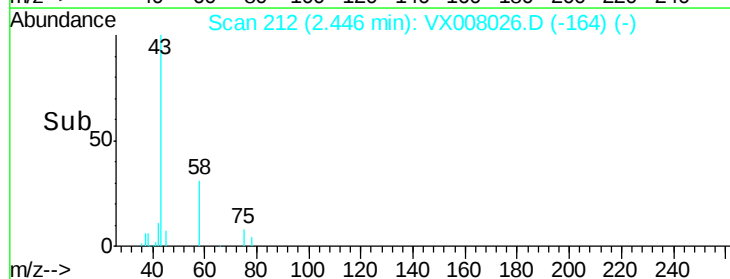


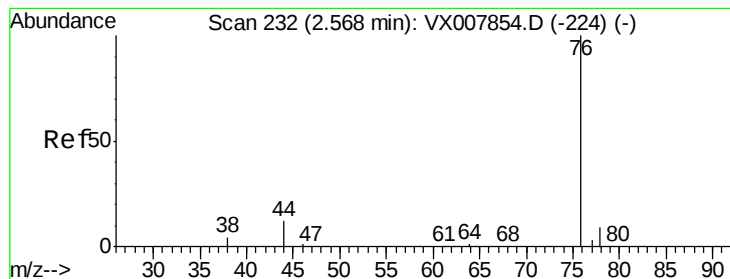
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

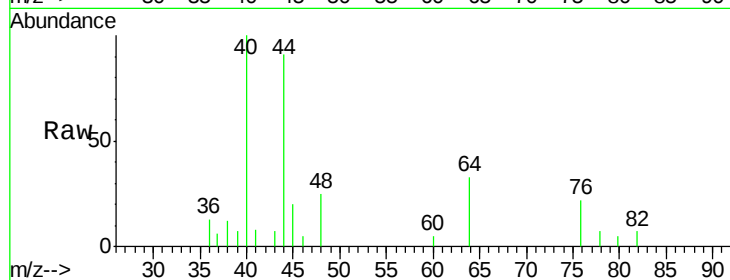
DUP02-20190306

Tot Ion: 76 Resp: 403

Ion Ratio Lower Upper

76 100

78 33.3 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.58

200

150

100

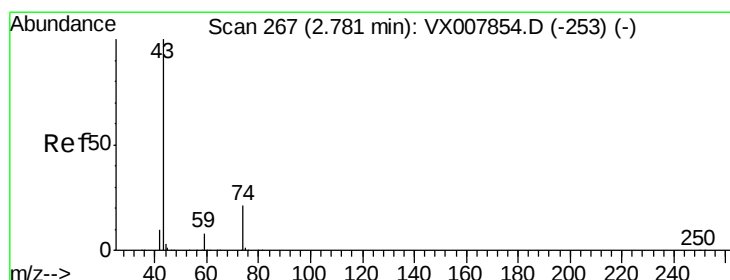
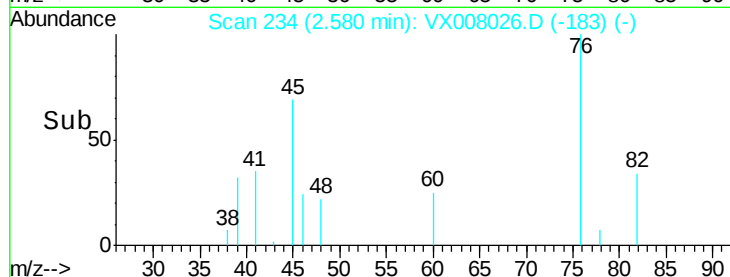
50

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 0.232 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008026.D

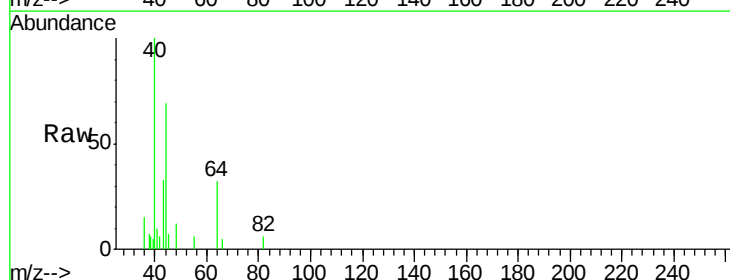
Acq: 12 Mar 2019 19:40

Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

74 8.8 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

400

300

200

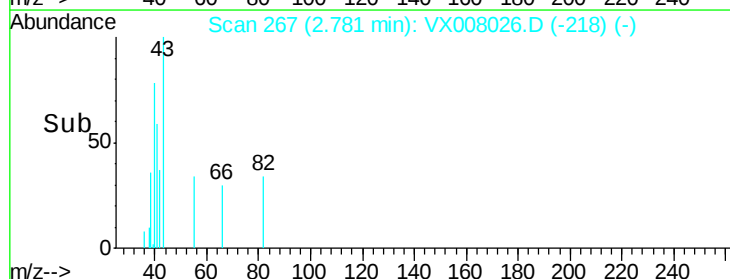
100

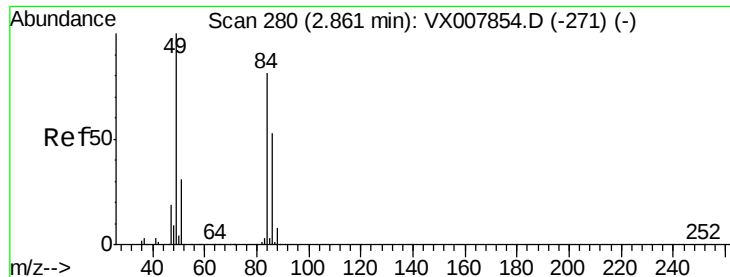
0

2.75

2.80

Time-->

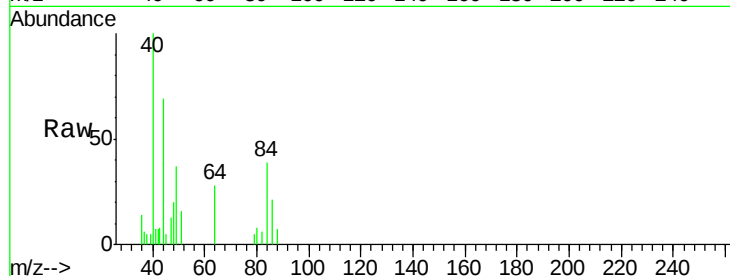




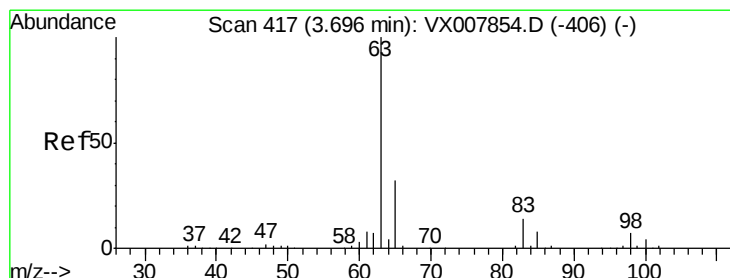
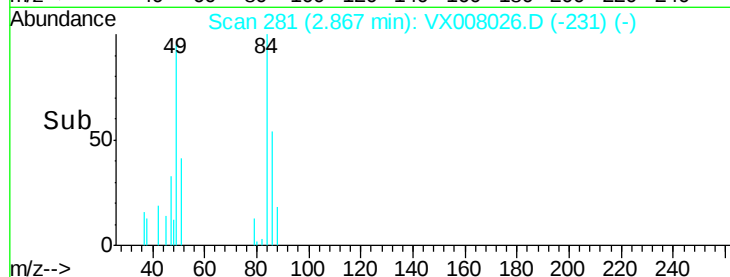
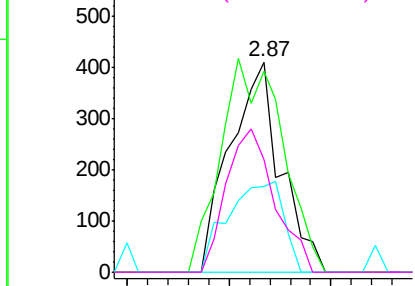
#20
Methvlene Chloride
Concen: 0.289 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190306

Tot Ion:	84	Resp:	709
Ion	Ratio	Lower	Upper
84	100		
49	95.4	99.3	148.9#
51	41.0	31.3	46.9
86	53.9	52.6	79.0

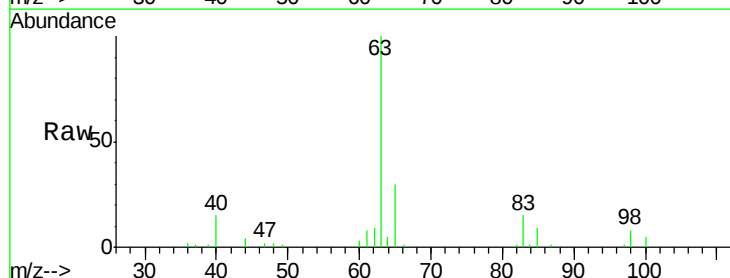


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

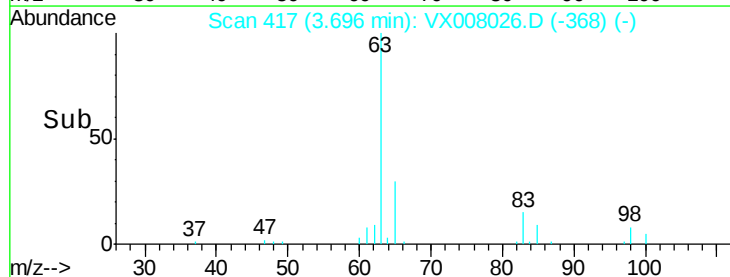
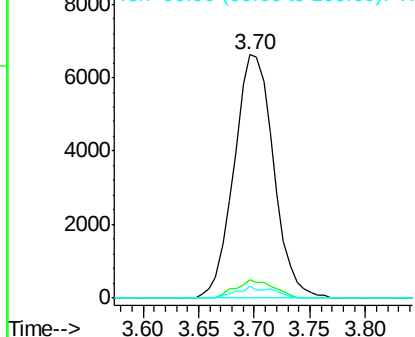


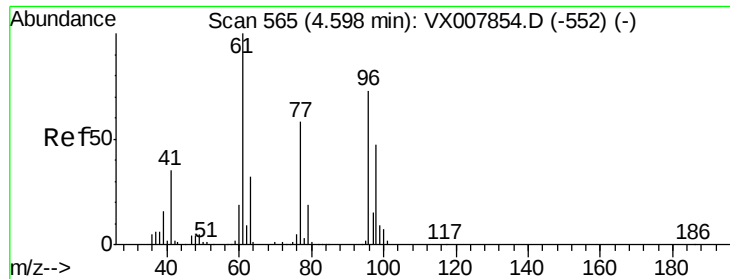
#24
1,1-Dichloroethane
Concen: 3.669 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Tgt Ion:	63	Resp:	16310
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.3	9.8
100	4.8	2.3	6.8



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



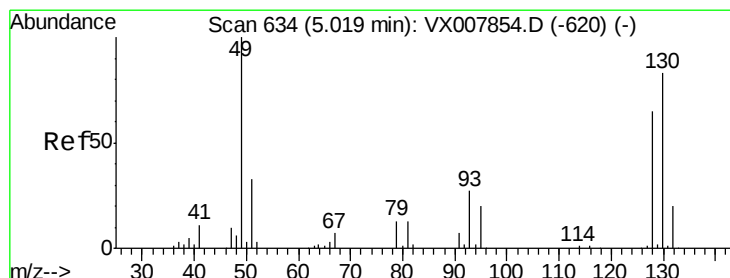
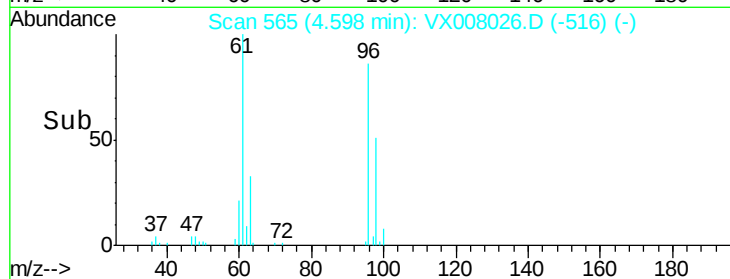
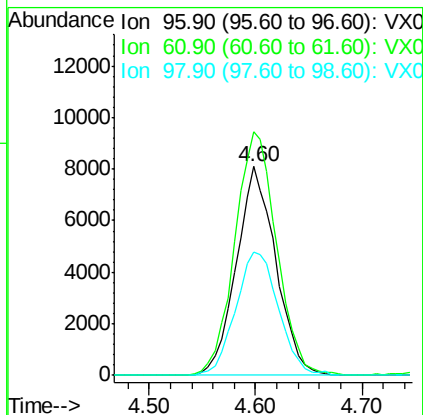
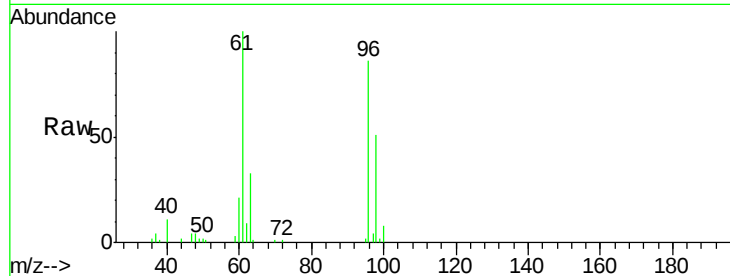


#27

cis-1,2-Dichloroethene
Concen: 7.782 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190306

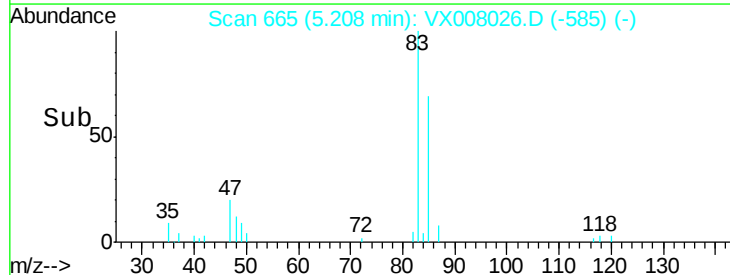
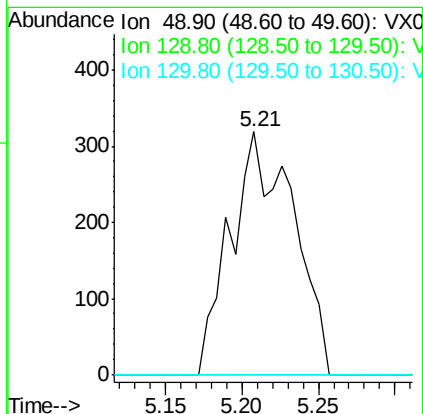
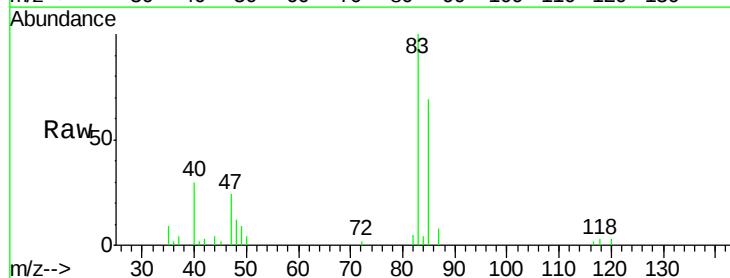
Tot Ion: 96 Resp: 21013
Ion Ratio Lower Upper
96 100
61 123.9 0.0 288.0
98 64.1 0.0 129.0

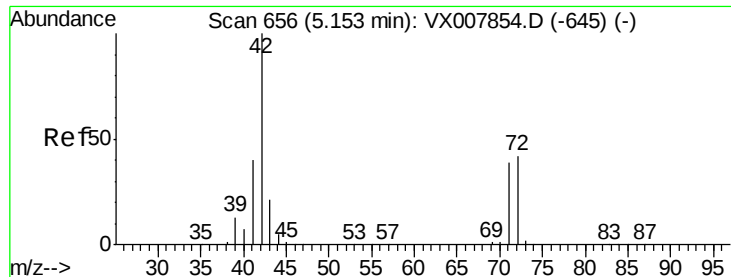


#28

Bromochloromethane
Concen: 0.441 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.19 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Tgt Ion: 49 Resp: 914
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 65.0 97.4#

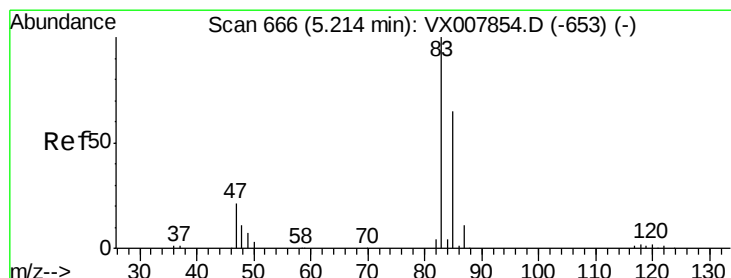
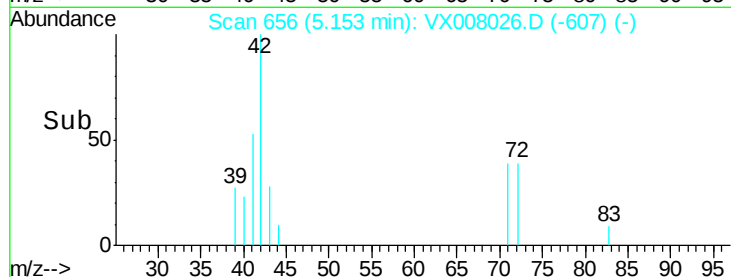
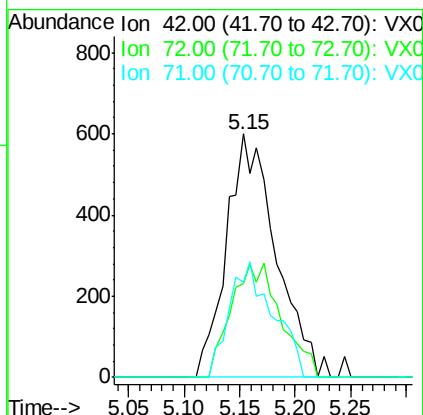
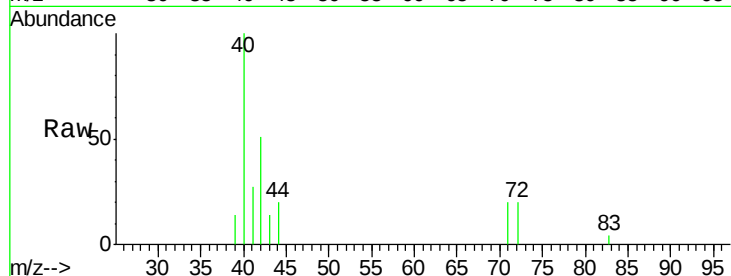




#29
Tetrahydrofuran
Concen: 1.366 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

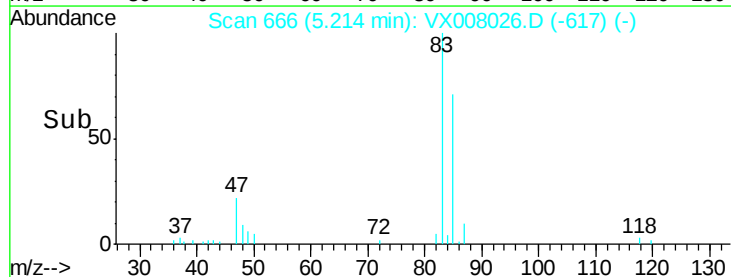
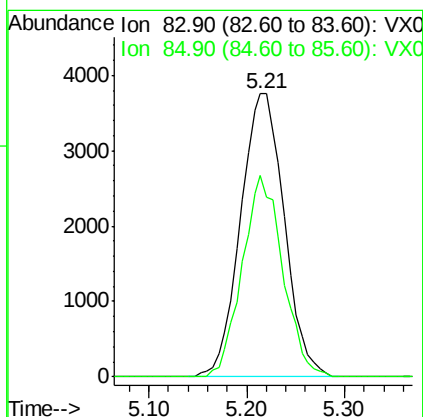
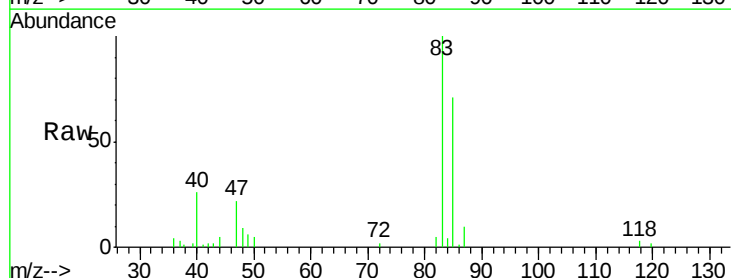
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190306

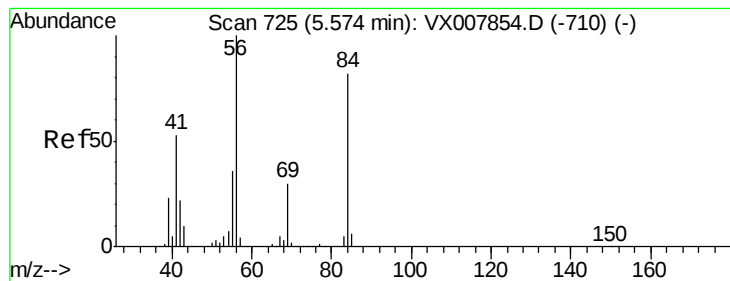
Tot Ion: 42 Resp: 1857
Ion Ratio Lower Upper
42 100
72 47.1 33.8 50.6
71 41.9 31.5 47.3



#30
Chloroform
Concen: 2.765 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Tgt Ion: 83 Resp: 11627
Ion Ratio Lower Upper
83 100
85 71.1 51.8 77.6





#31

Cyclohexane

Concen: 0.912 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190306

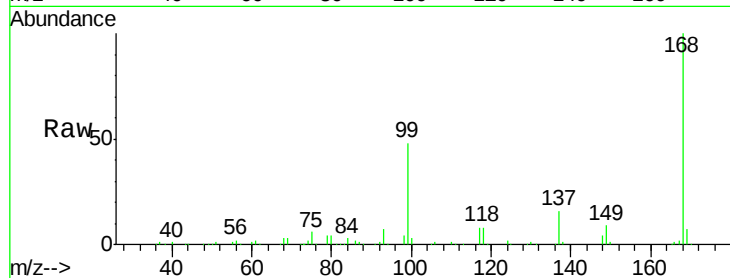
Tot Ion: 56 Resp: 3726

Ion Ratio Lower Upper

56 100

69 189.0 24.0 36.0#

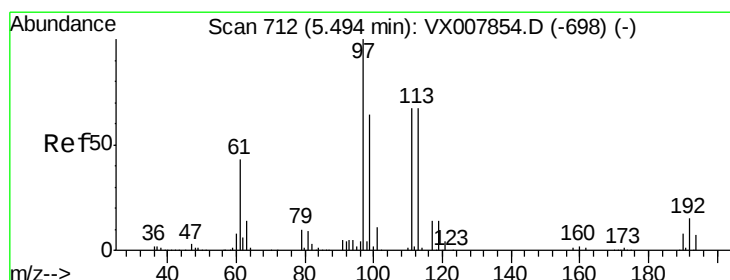
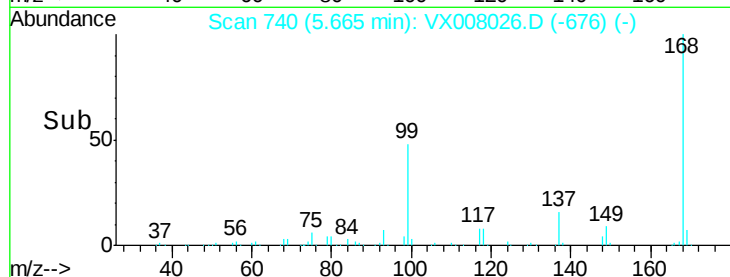
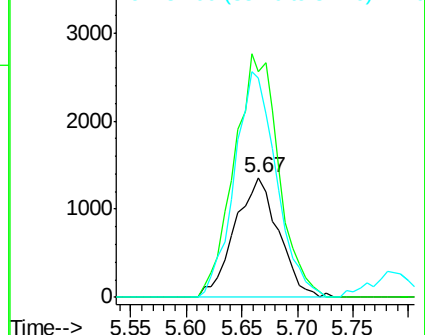
84 183.1 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.633 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

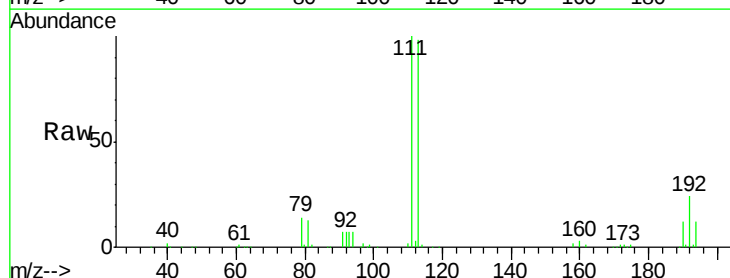
Tgt Ion: 97 Resp: 2209

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

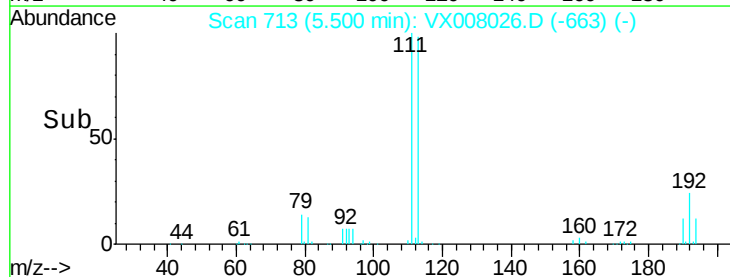
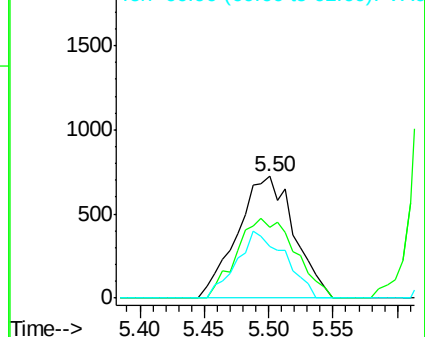
61 47.1 34.9 52.3

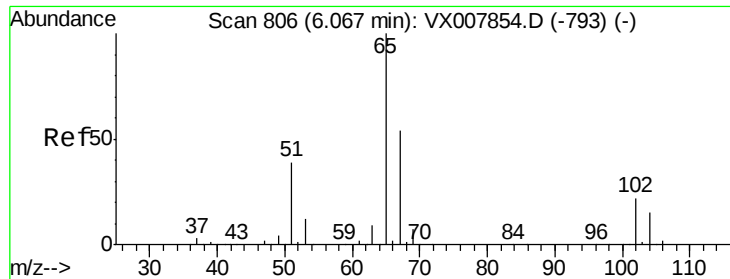


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

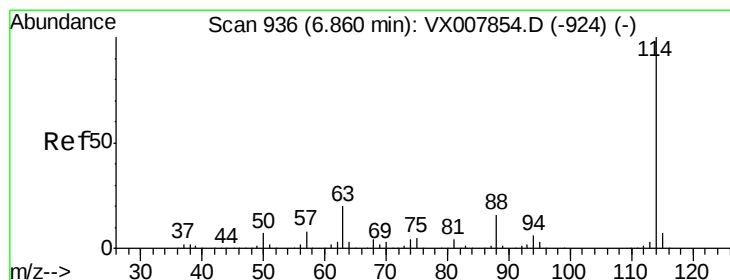
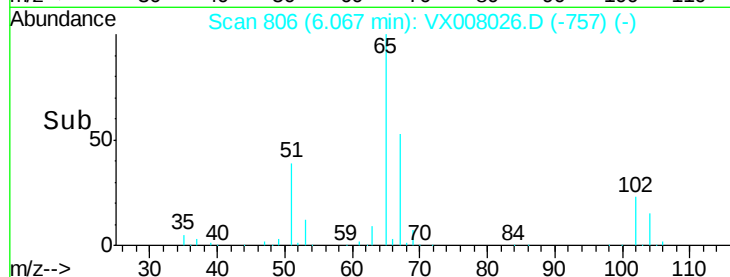
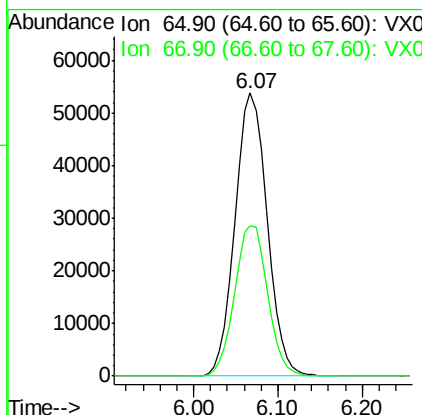
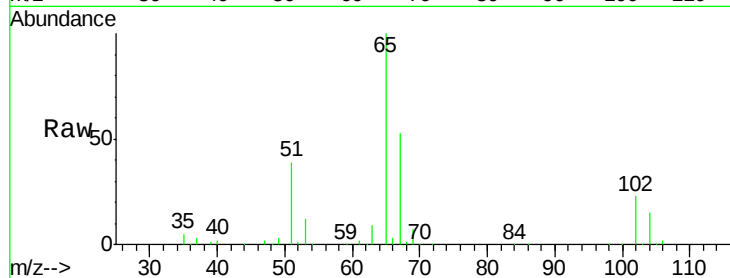




#33
 1,2-Dichloroethane-d4
 Concen: 52.271 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008026.D
 Acq: 12 Mar 2019 19:40

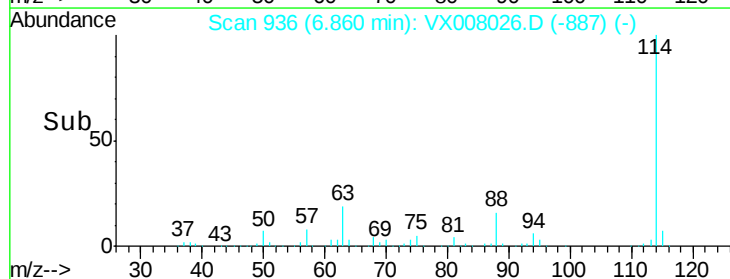
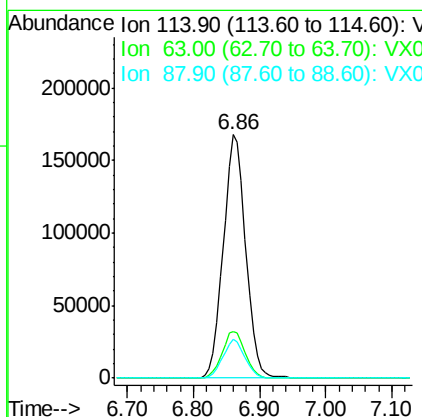
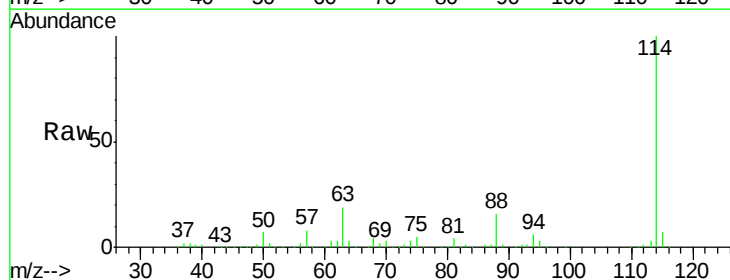
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20190306

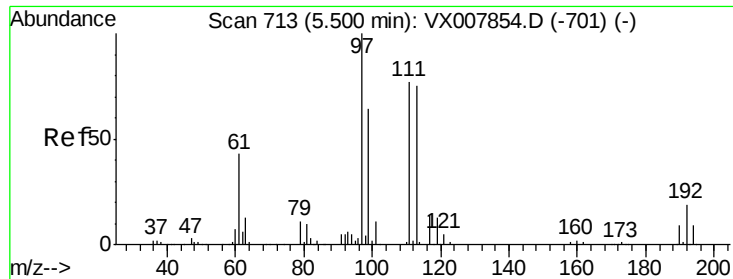
Tot Ion: 65 Resp: 138982
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008026.D
 Acq: 12 Mar 2019 19:40

Tgt Ion: 114 Resp: 393768
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.892 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190306

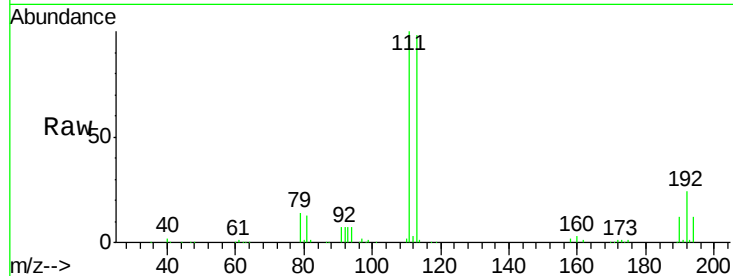
Tot Ion:113 Resp: 128187

Ion Ratio Lower Upper

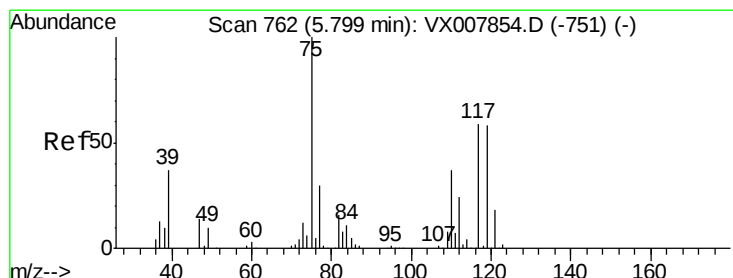
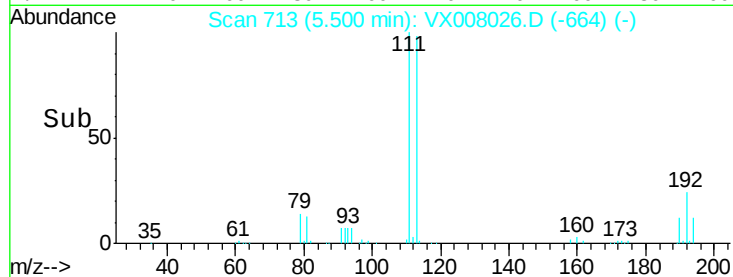
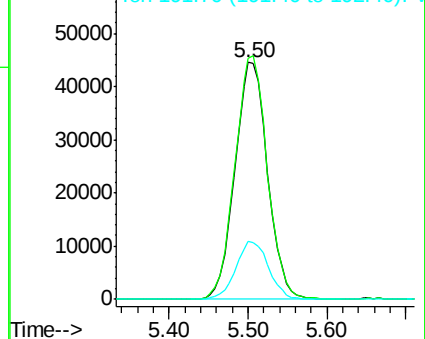
113 100

111 102.1 81.4 122.0

192 24.4 19.4 29.0



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: 4.409 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

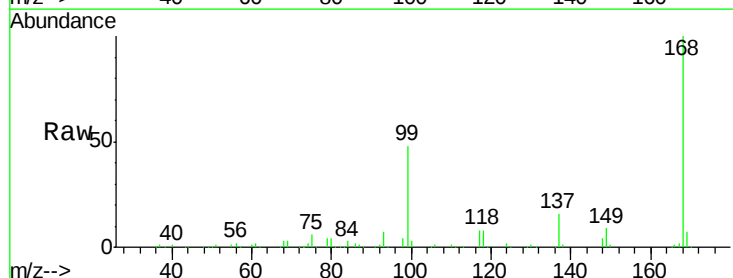
Tgt Ion: 75 Resp: 15721

Ion Ratio Lower Upper

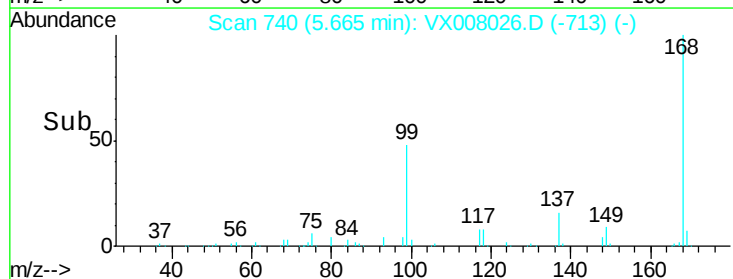
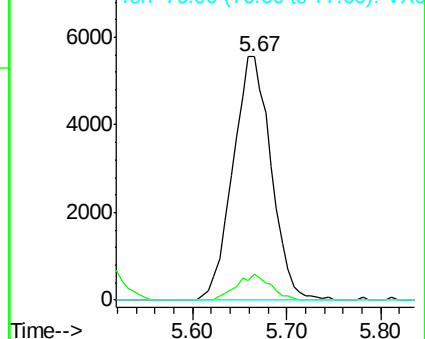
75 100

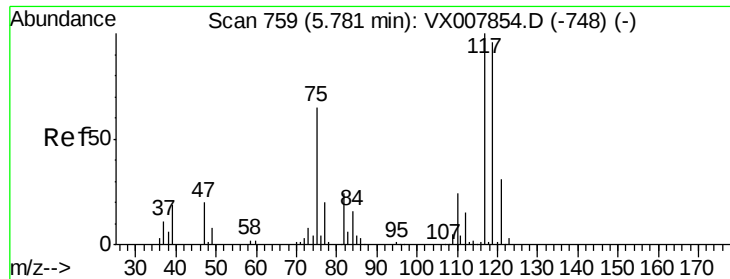
110 9.5 18.4 55.0#

77 0.0 25.0 37.4#



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: 1.426 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190306

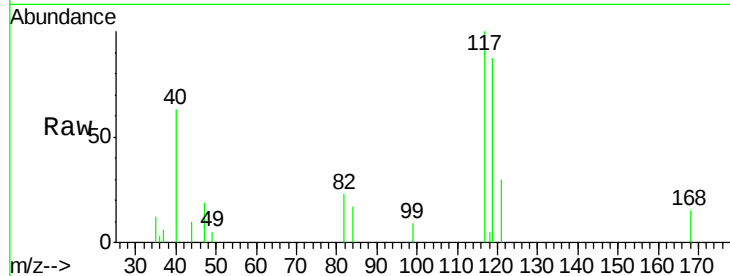
Tot Ion:117 Resp: 4827

Ion Ratio Lower Upper

117 100

119 87.4 76.2 114.2

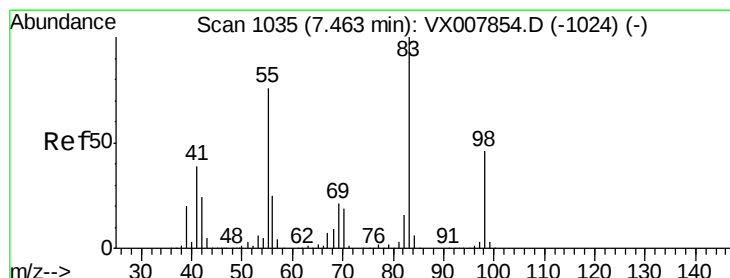
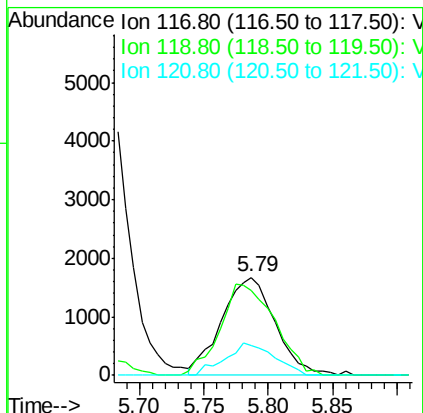
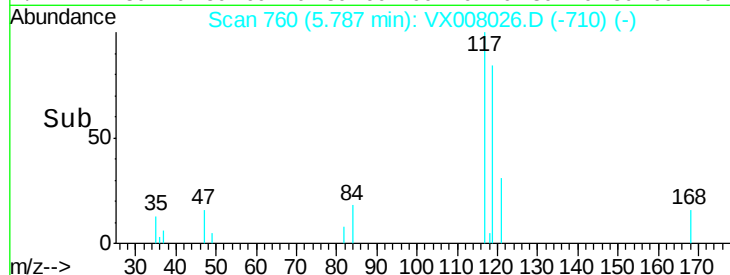
121 29.9 24.6 36.8



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



#39

Methylcyclohexane

Concen: 23.976 ug/l

RT: 7.23 min Scan# 996

Delta R.T. -0.24 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

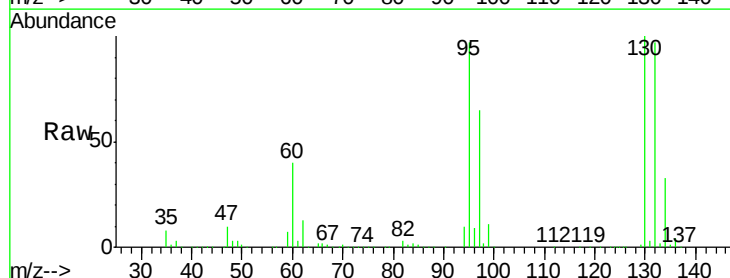
Tgt Ion: 83 Resp: 103585

Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

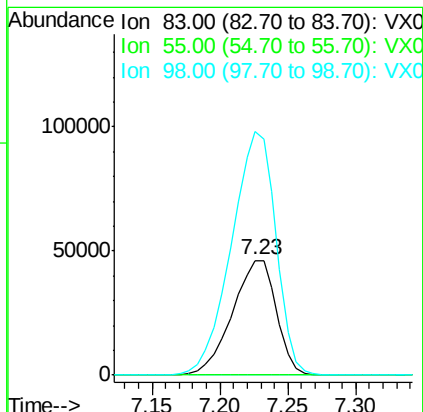
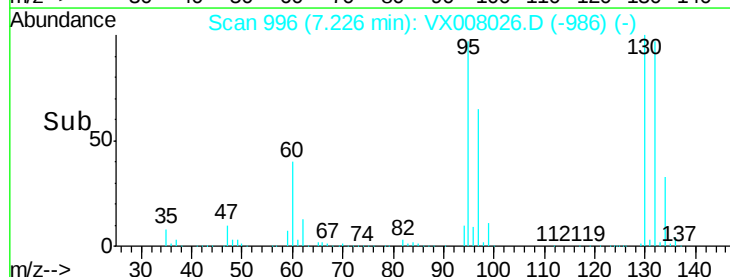
98 211.8 36.5 54.7#

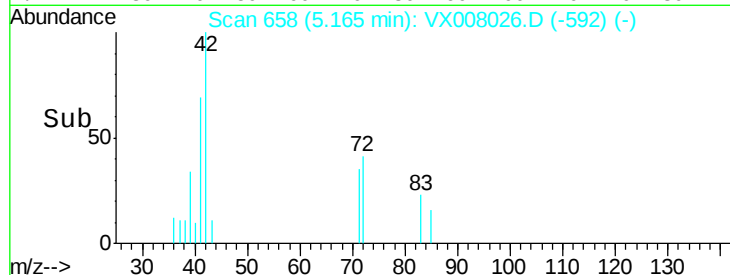
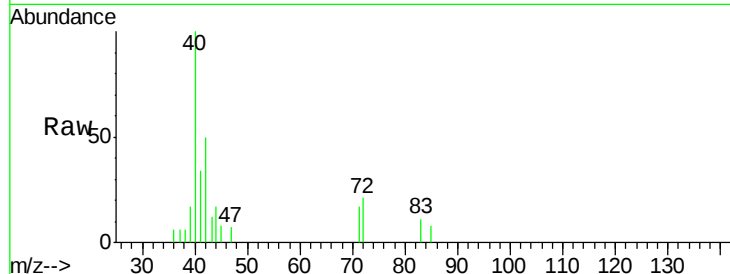
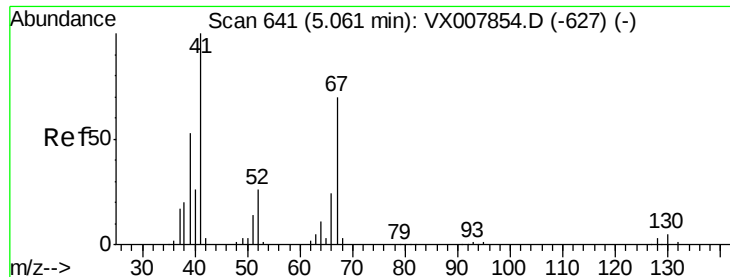


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

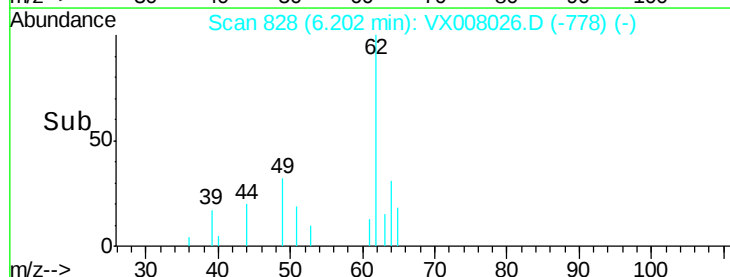
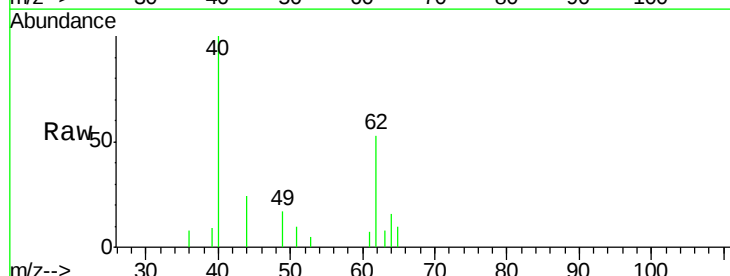
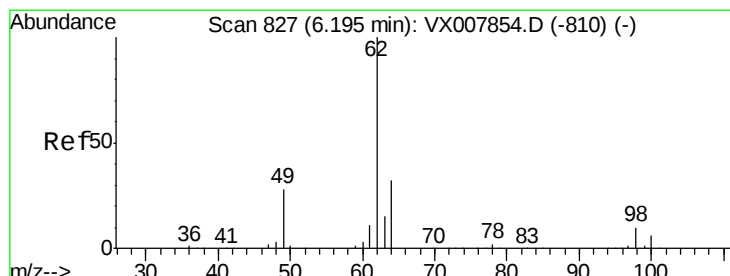
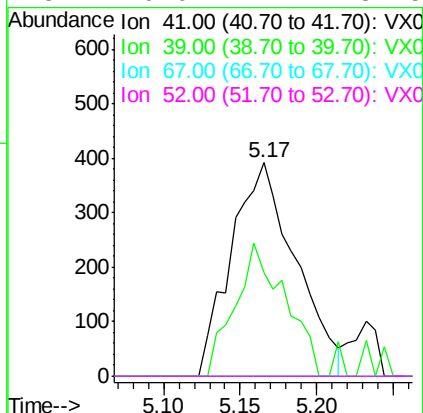




#41
Methacrylonitrile
Concen: 0.496 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

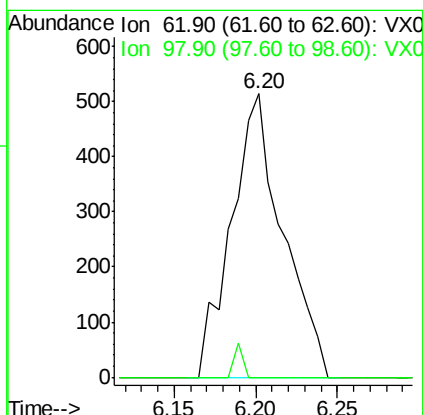
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190306

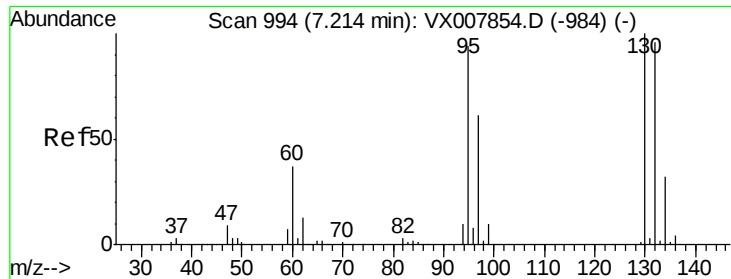
Tot Ion:	41	Resp:	1144
Ion	Ratio	Lower	Upper
41	100		
39	48.7	41.6	62.4
67	0.0	55.8	83.6#
52	0.0	21.7	32.5#



#42
1,2-Dichloroethane
Concen: 0.325 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Tgt Ion:	62	Resp:	1128
Ion	Ratio	Lower	Upper
62	100		
98	2.0	0.0	20.4





#44

Trichloroethene

Concen: 3150.655 ug/l

RT: 7.23 min Scan# 997

Delta R.T. 0.02 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

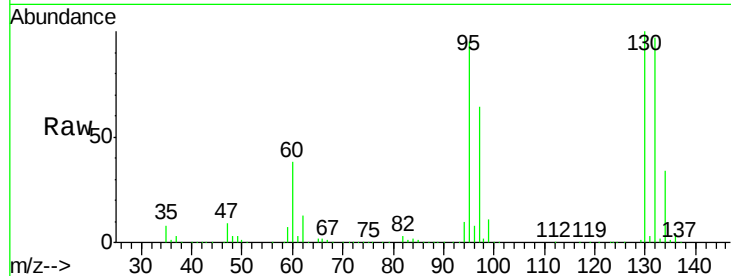
DUP02-20190306

Tot Ion:130 Resp: 9216300

Ion Ratio Lower Upper

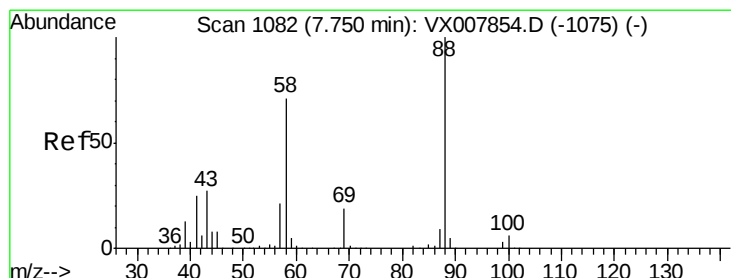
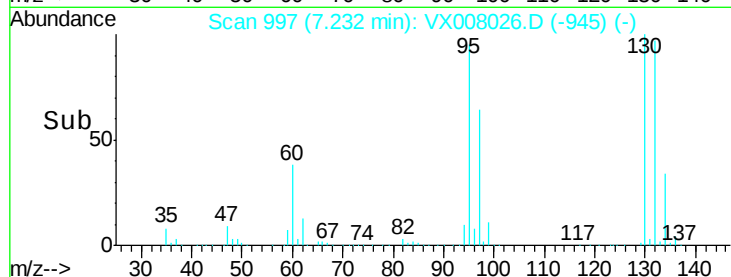
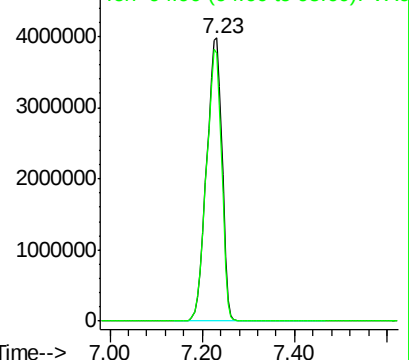
130 100

95 94.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 11.311 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

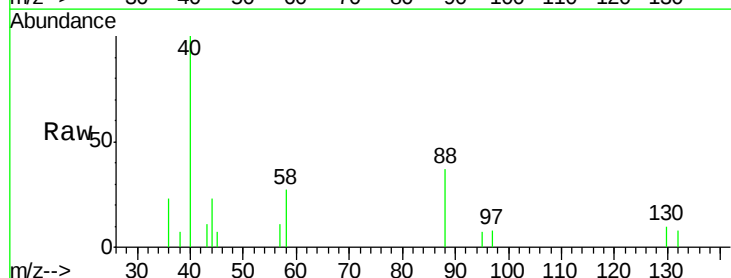
Tgt Ion: 88 Resp: 765

Ion Ratio Lower Upper

88 100

43 41.2 25.1 37.7#

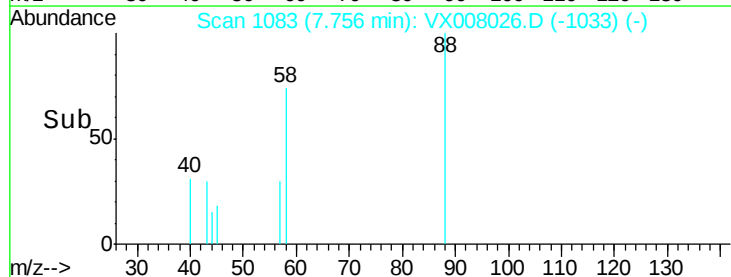
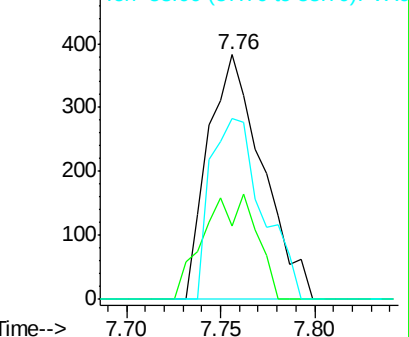
58 70.5 57.8 86.6

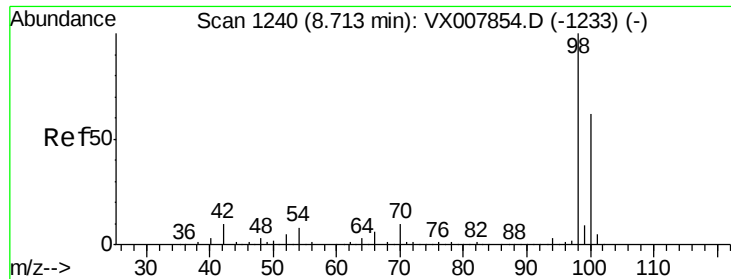


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

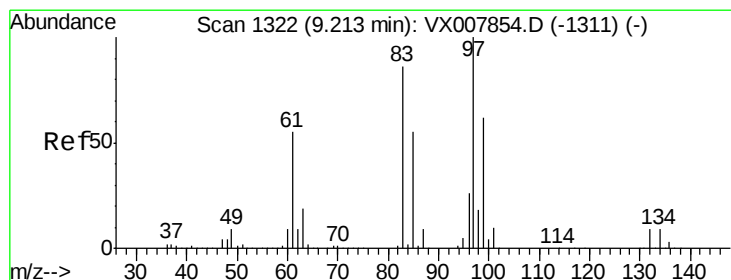
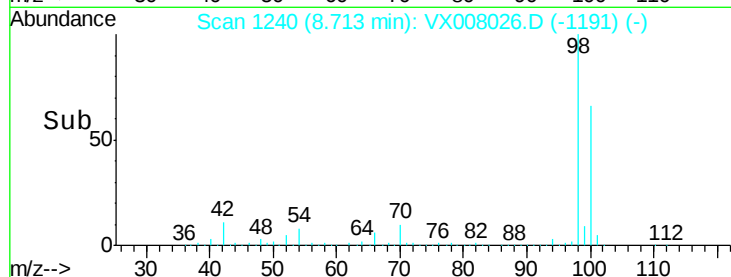
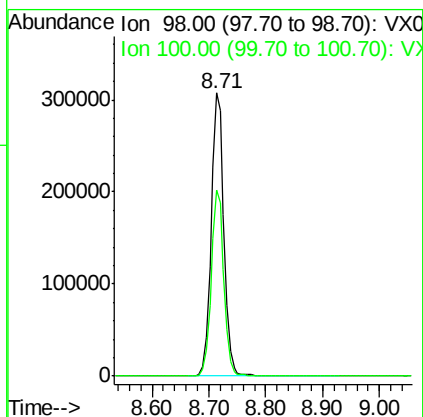
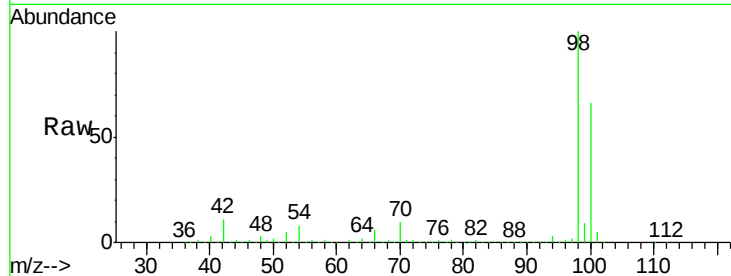




#50
Toluene-d8
Concen: 51.648 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

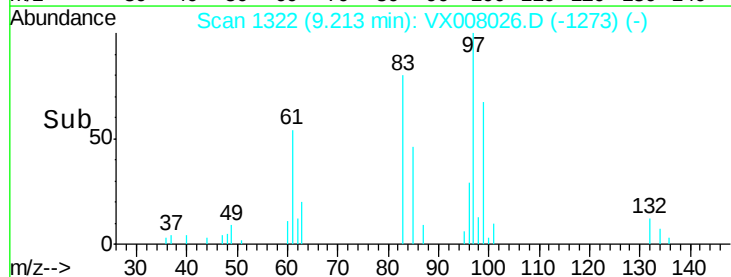
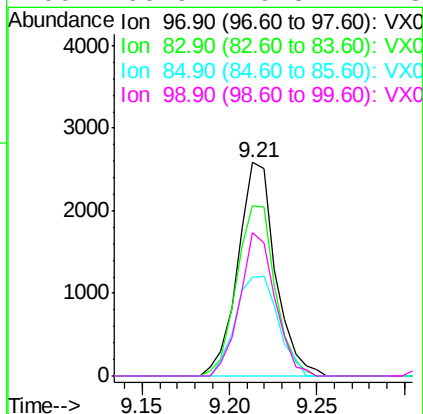
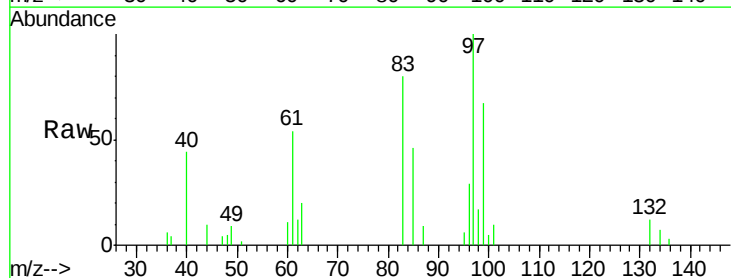
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190306

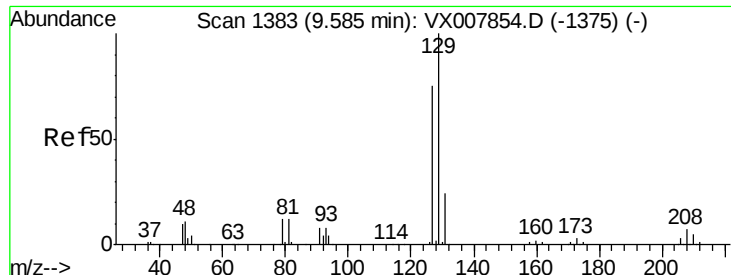
Tot Ion: 98 Resp: 477766
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 1.474 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Tgt Ion: 97 Resp: 3866
Ion Ratio Lower Upper
97 100
83 79.8 69.1 103.7
85 46.0 44.3 66.5
99 66.9 49.8 74.8





#60

Dibromochloromethane

Concen: 3.369 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

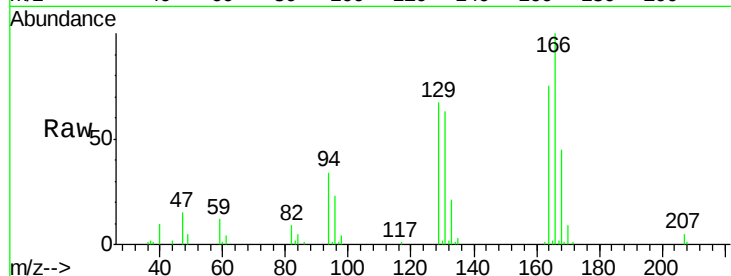
DUP02-20190306

Tot Ion:129 Resp: 9237

Ion Ratio Lower Upper

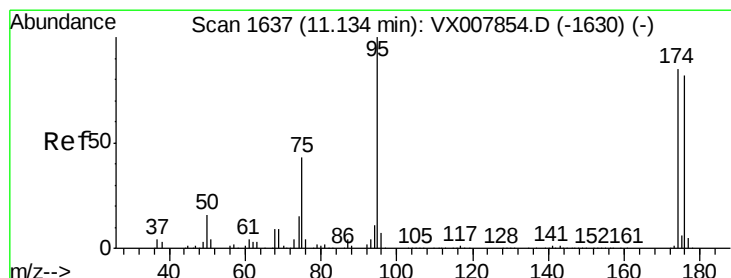
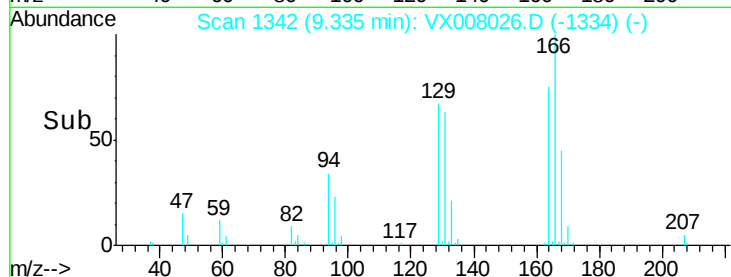
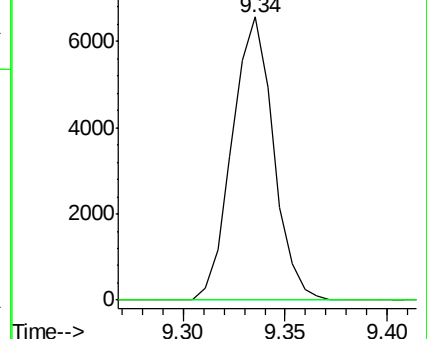
129 100

127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 54.901 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

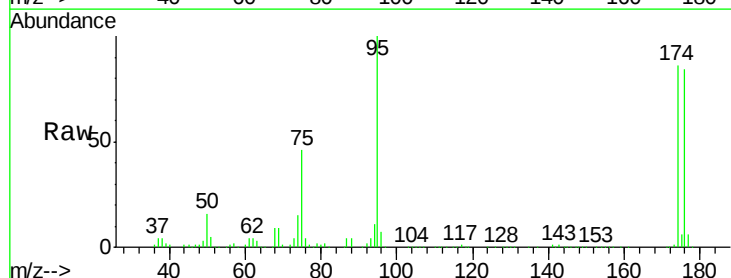
Tgt Ion: 95 Resp: 178057

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.8

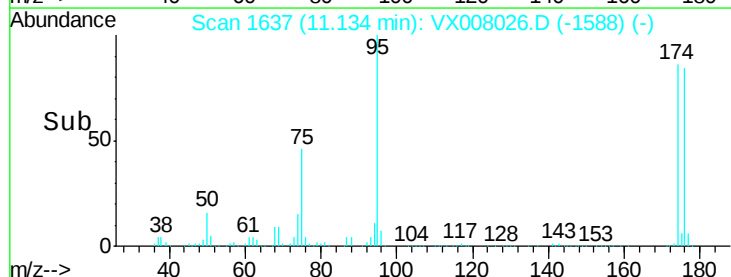
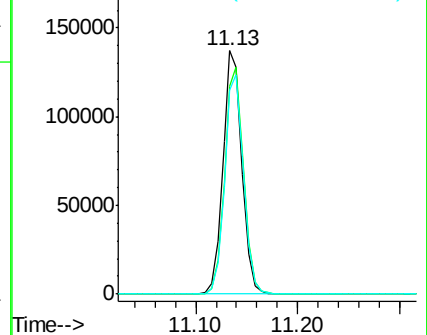
176 89.9 0.0 178.0

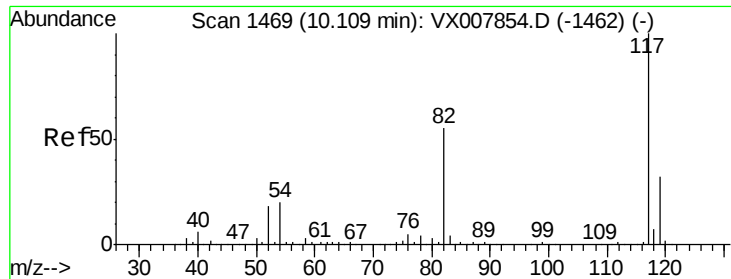


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

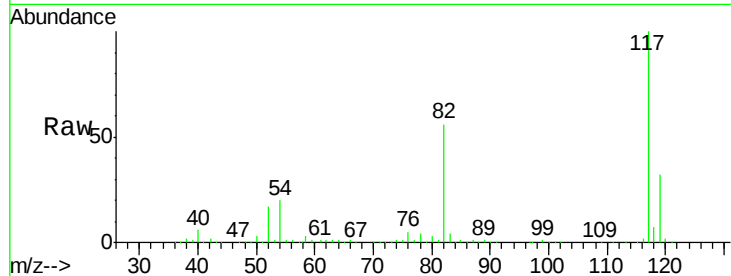




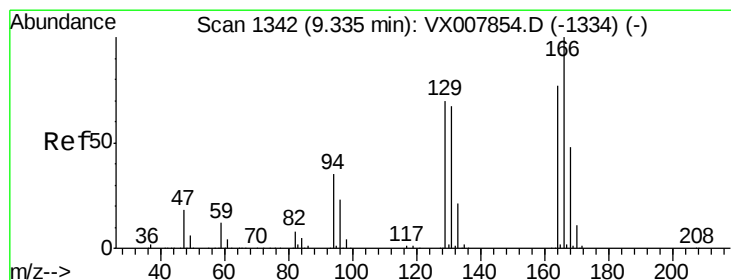
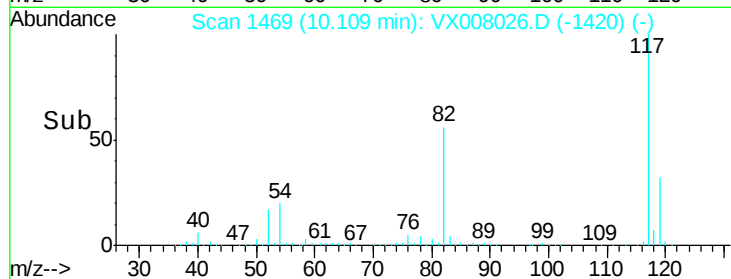
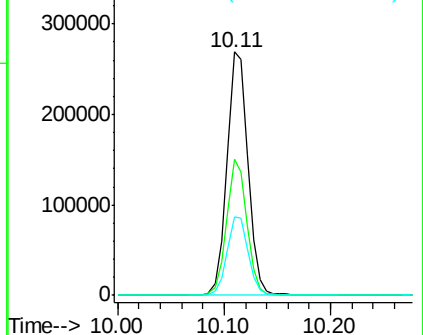
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190306

Tot Ion:117 Resp: 373994
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.2 25.3 37.9



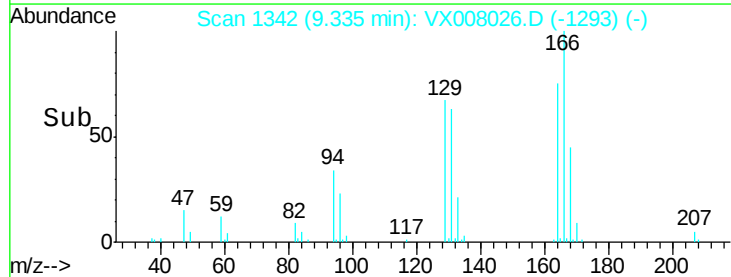
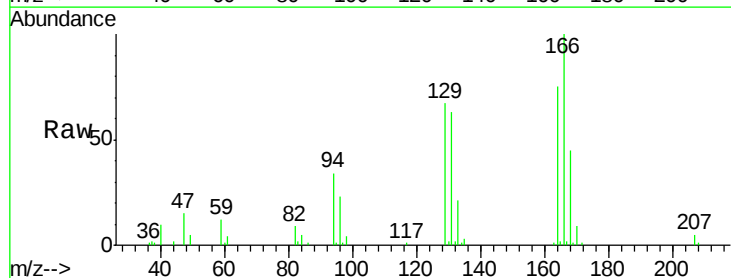
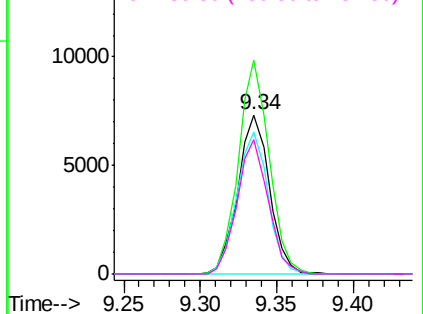
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

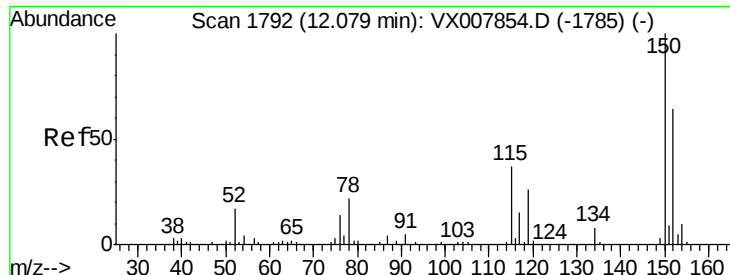


#64
Tetrachloroethene
Concen: 3.402 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008026.D
Acq: 12 Mar 2019 19:40

Tgt Ion:164 Resp: 10543
Ion Ratio Lower Upper
164 100
166 134.1 103.4 155.0
129 89.5 72.2 108.4
131 84.8 69.4 104.2

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190306

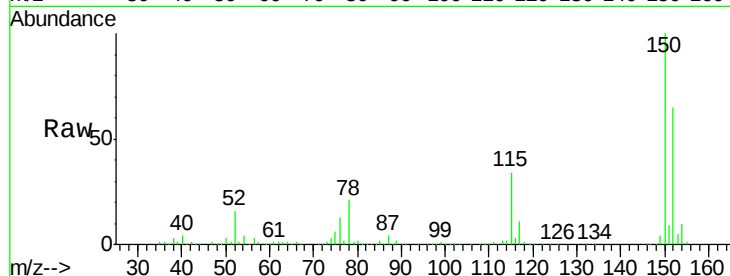
Tot Ion:152 Resp: 185833

Ion Ratio Lower Upper

152 100

115 55.2 38.6 115.7

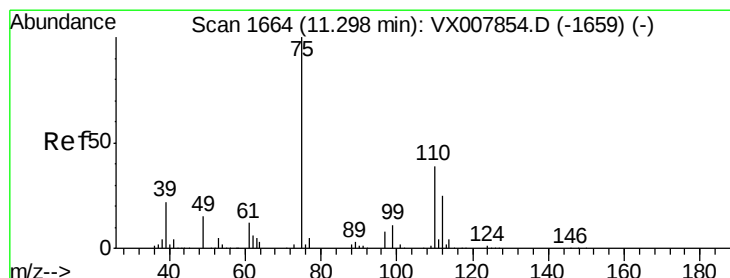
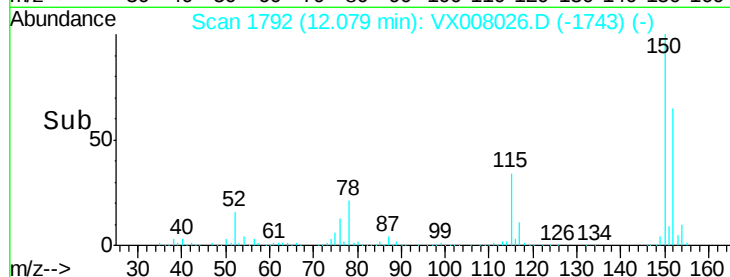
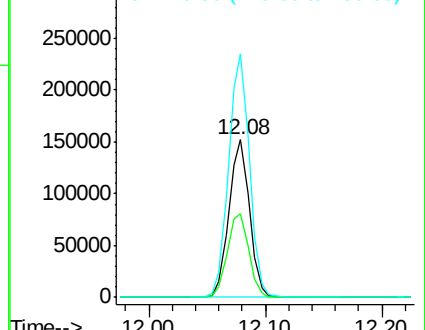
150 156.1 0.0 348.4



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: 20.874 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008026.D

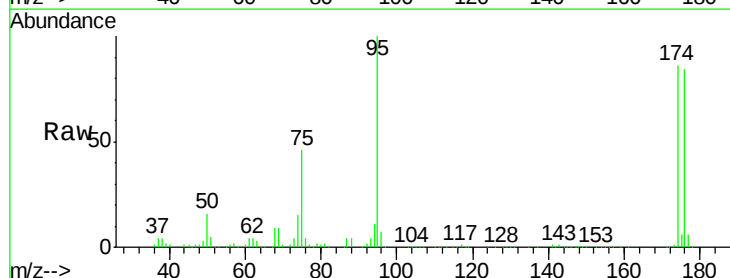
Acq: 12 Mar 2019 19:40

Tgt Ion: 75 Resp: 81398

Ion Ratio Lower Upper

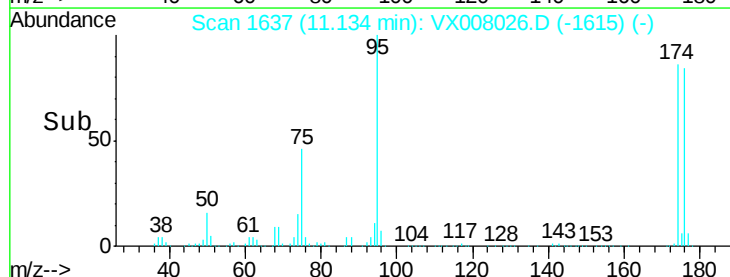
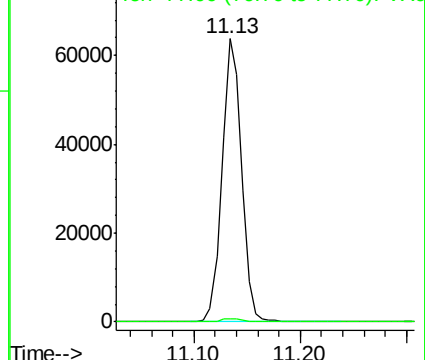
75 100

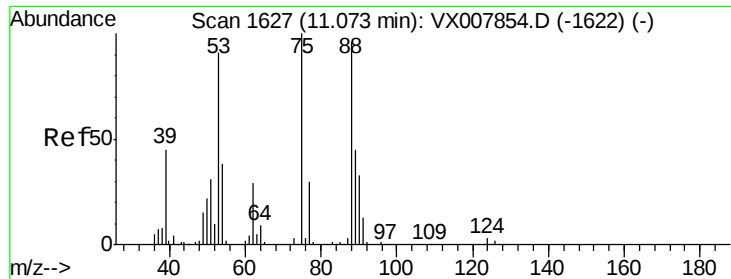
77 1.2 18.9 56.7#



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: 66.723 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008026.D

Acq: 12 Mar 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190306

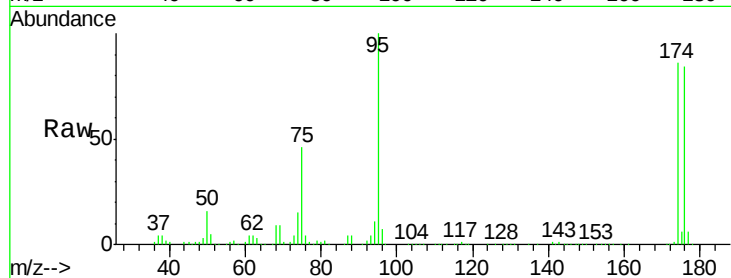
Tot Ion: 75 Resp: 81398

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.3 54.5#



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

