

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
 Data File : VX007979.D
 Acq On : 11 Mar 2019 19:23
 Operator : JC/SP
 Sample : K1841-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Quant Time: Mar 12 08:40:53 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	256722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139082	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.51	113	129937	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	480201	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.13	95	179357	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	162	Below Cal		82
6) Chloroethane	1.68	64	1644	0.881 ug/l #		75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23091	10.190 ug/l		100
11) Tert butyl alcohol	3.01	59	988	1.631 ug/l #		73
12) 1,1-Dichloroethene	2.38	96	10921	5.000 ug/l		99
13) Acrolein	2.33	56	43	1.666 ug/l #		19
16) Acetone	2.45	43	4301	2.744 ug/l		98
17) Carbon Disulfide	2.57	76	666	Below Cal #		82
18) Methyl Acetate	2.78	43	862	0.259 ug/l #		81
20) Methylene Chloride	2.85	84	635	0.255 ug/l #		76
21) trans-1,2-Dichloroethene	3.17	96	806	0.335 ug/l		99
24) 1,1-Dichloroethane	3.70	63	4211	0.930 ug/l		99
25) 2-Butanone	4.70	43	774	0.349 ug/l #		50
27) cis-1,2-Dichloroethene	4.60	96	10404	3.783 ug/l		89
28) Bromochloromethane	5.22	49	583	0.276 ug/l #		11
29) Tetrahydrofuran	5.17	42	2230	1.611 ug/l		95
30) Chloroform	5.21	83	7500	1.751 ug/l		95
31) Cyclohexane	5.66	56	3927	0.944 ug/l #		1
32) 1,1,1-Trichloroethane	5.51	97	1034	0.291 ug/l #		44
36) 1,1-Dichloropropene	5.66	75	15941	4.399 ug/l #		49
38) Carbon Tetrachloride	5.77	117	5563	1.617 ug/l		94
39) Methylcyclohexane	7.23	83	104068	23.700 ug/l #		1
41) Methacrylonitrile	5.17	41	1382	0.589 ug/l #		48
42) 1,2-Dichloroethane	6.20	62	1262	0.358 ug/l		82
44) Trichloroethene	7.23	130	9221686	3101.814 ug/l		98
47) Bromodichloromethane	7.90	83	924	0.270 ug/l #		87
49) 1,4-Dioxane	7.76	88	1202	17.487 ug/l		94
55) 1,1,2-Trichloroethane	9.21	97	5047	1.893 ug/l		96
60) Dibromochloromethane	9.34	129	6040	2.167 ug/l #		11
64) Tetrachloroethene	9.34	164	6687	2.125 ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	82450	20.898 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.13	75	82450	66.799 ug/l #		11

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

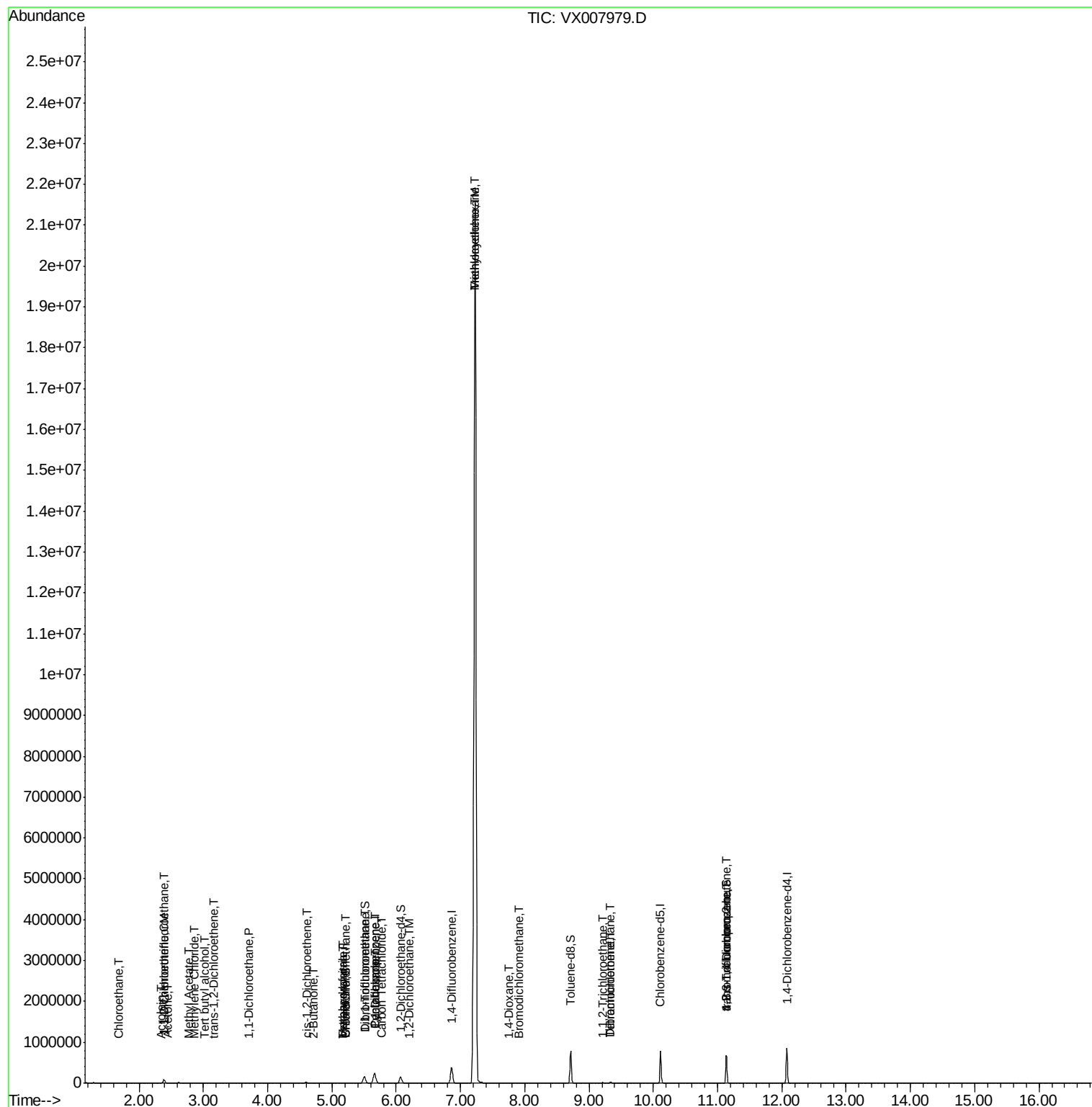
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

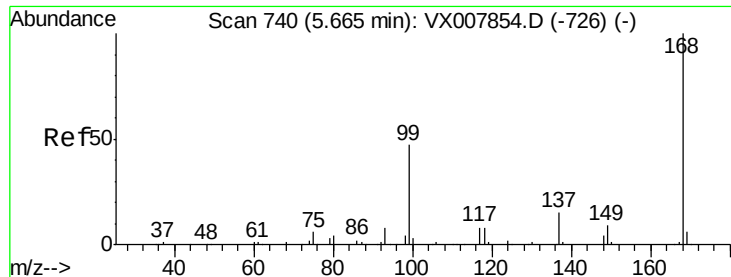
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

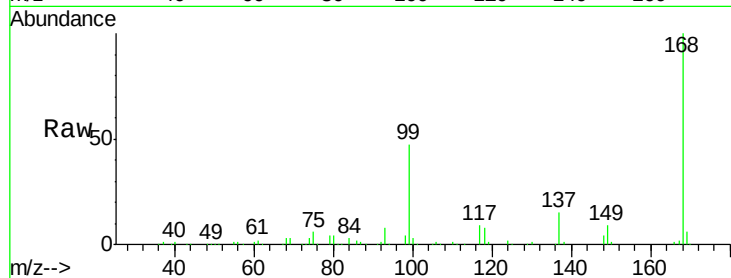
RE122D2-20190308

Tot Ion:168 Resp: 256722

Ion Ratio Lower Upper

168 100

99 46.8 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

100000

80000

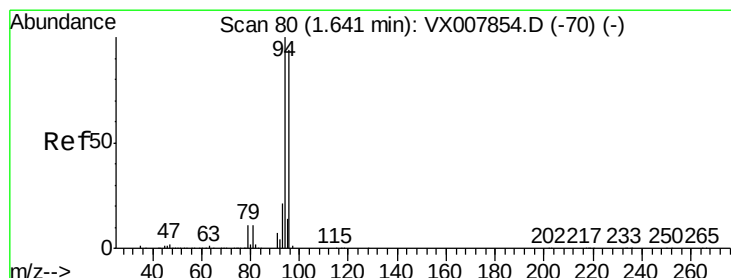
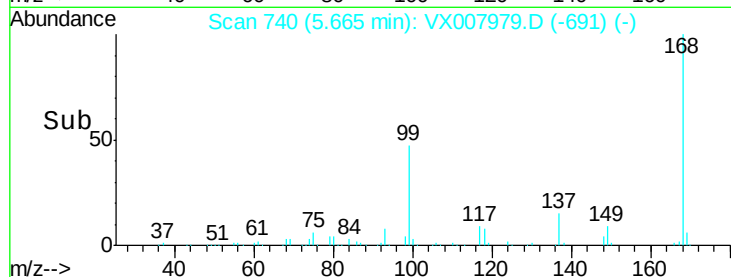
60000

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: VX007979.D

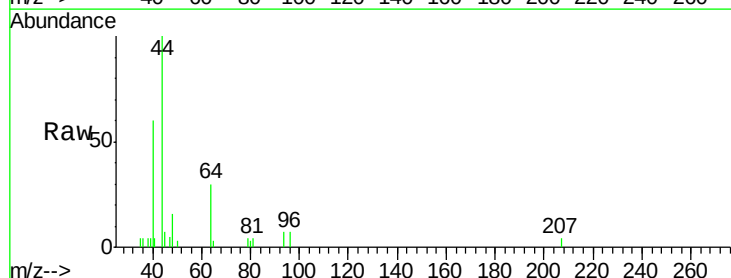
Acq: 11 Mar 2019 19:23

Tgt Ion: 94 Resp: 162

Ion Ratio Lower Upper

94 100

96 111.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

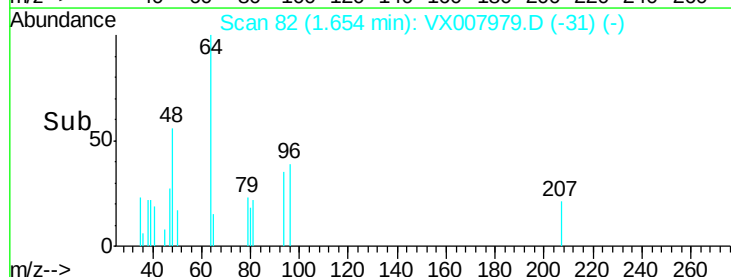
150

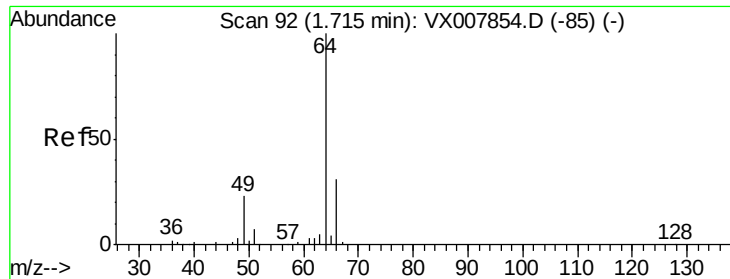
100

50

0

Time--> 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.881 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

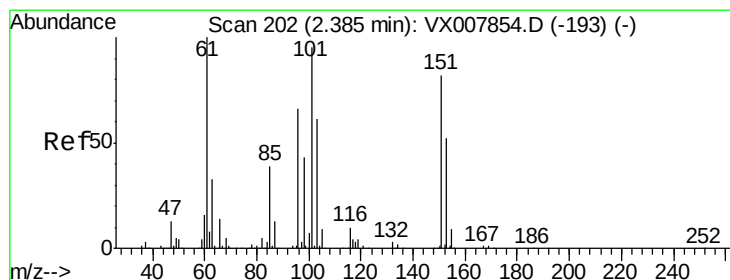
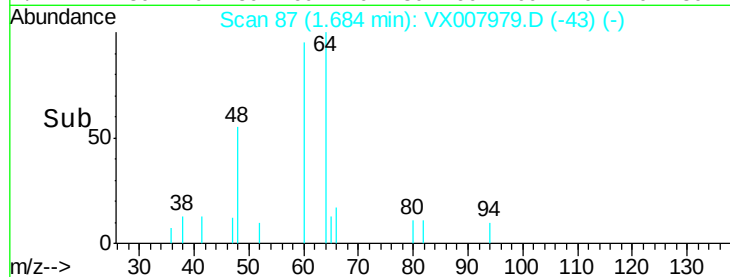
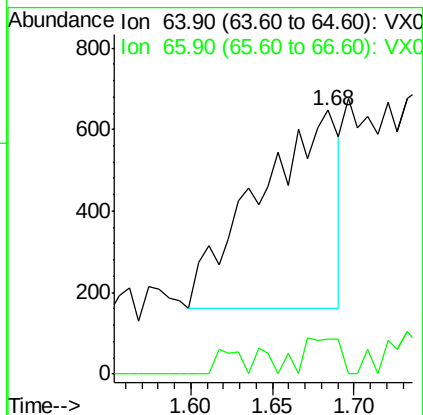
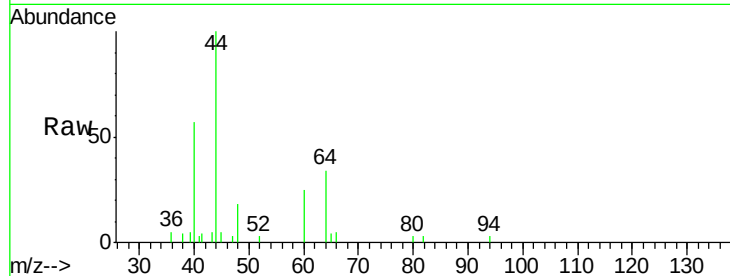
RE122D2-20190308

Tot Ion: 64 Resp: 1644

Ion Ratio Lower Upper

64 100

66 17.9 25.2 37.8#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.190 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

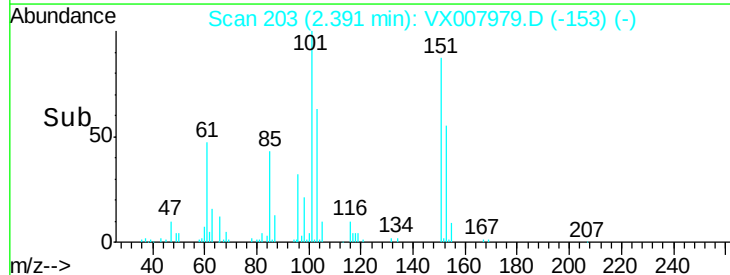
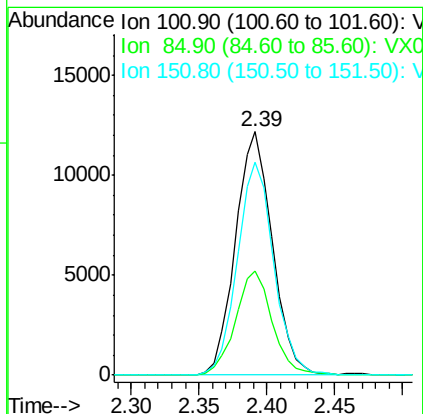
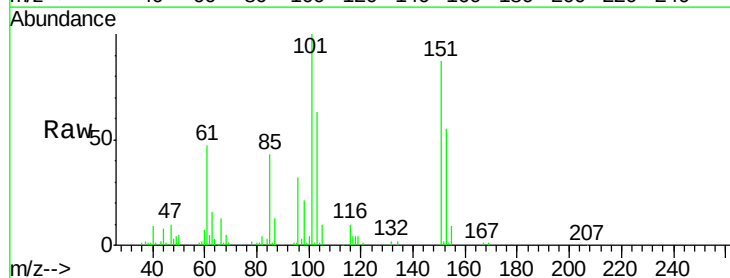
Tgt Ion:101 Resp: 23091

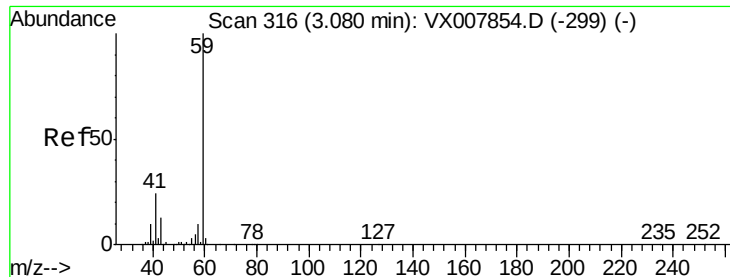
Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

151 86.3 69.1 103.7

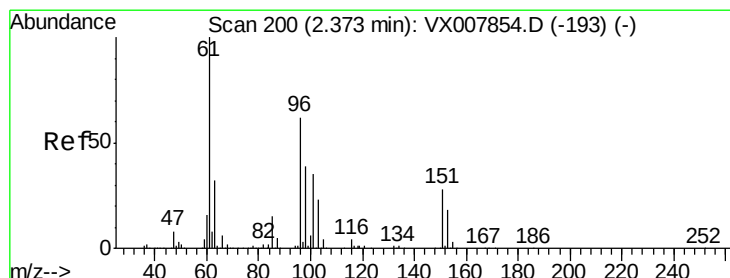
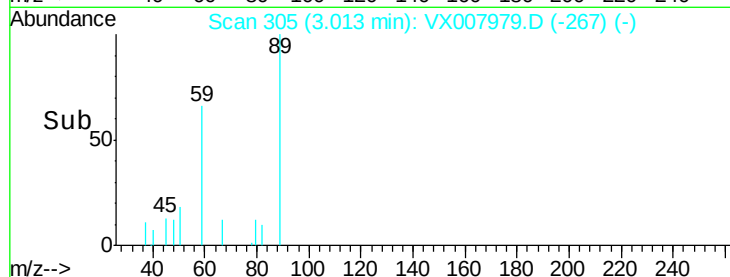
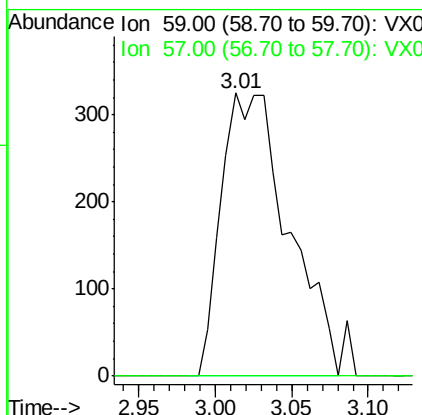
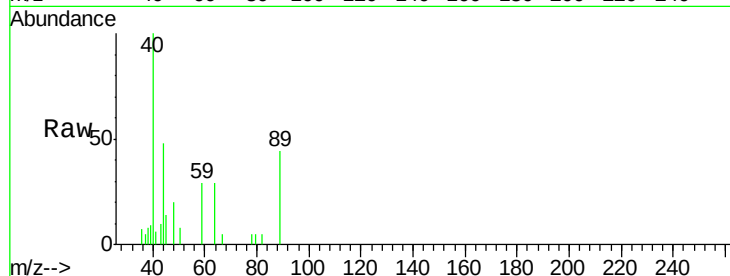




#11
Tert butyl alcohol
Concen: 1.631 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

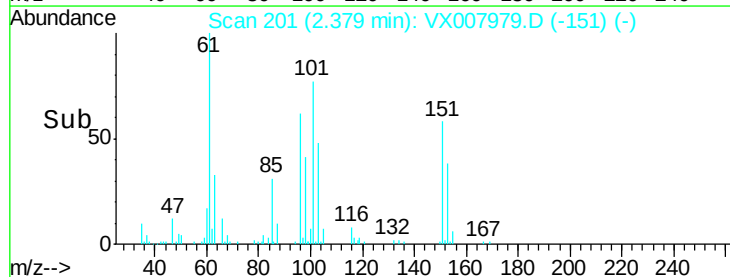
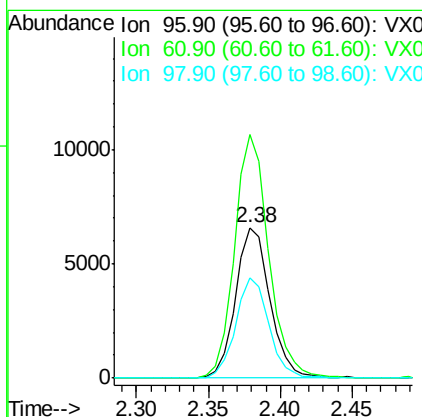
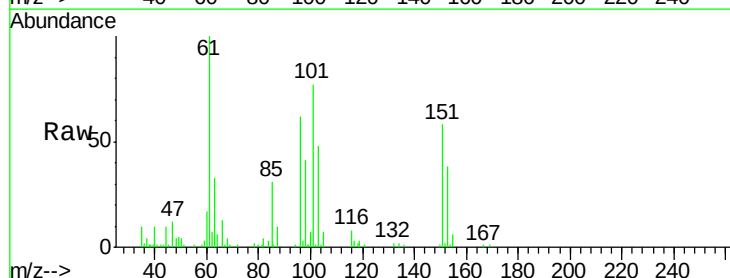
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

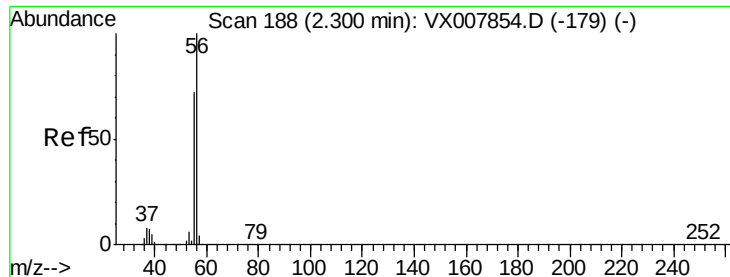
Tot Ion: 59 Resp: 988
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 5.000 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion: 96 Resp: 10921
Ion Ratio Lower Upper
96 100
61 162.0 129.8 194.6
98 66.6 51.0 76.6





#13

Acrolein

Concen: 1.666 ug/l

RT: 2.33 min Scan# 193

Delta R.T. 0.03 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

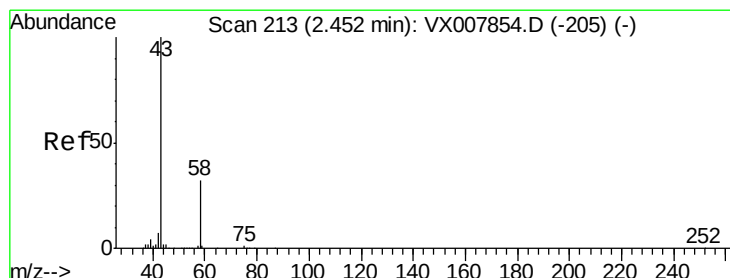
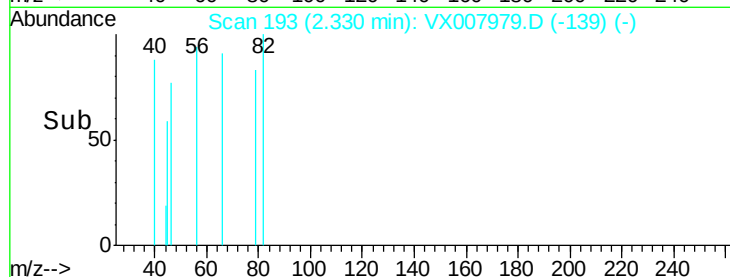
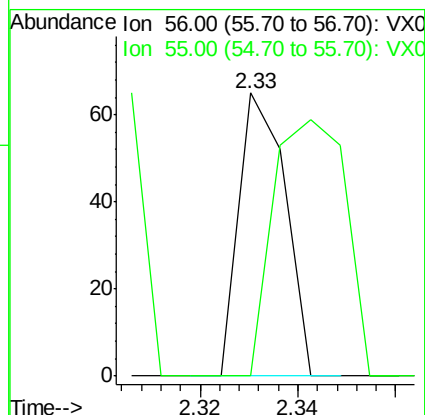
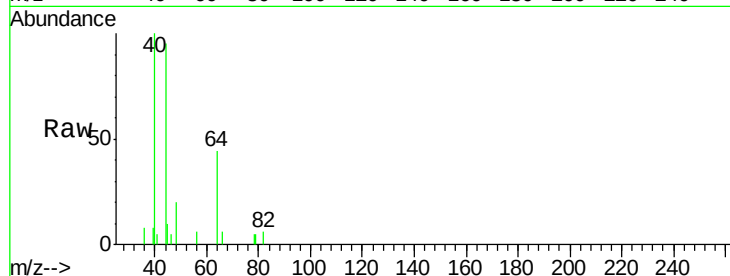
RE122D2-20190308

Tot Ion: 56 Resp: 43

Ion Ratio Lower Upper

56 100

55 139.5 57.8 86.6#



#16

Acetone

Concen: 2.744 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007979.D

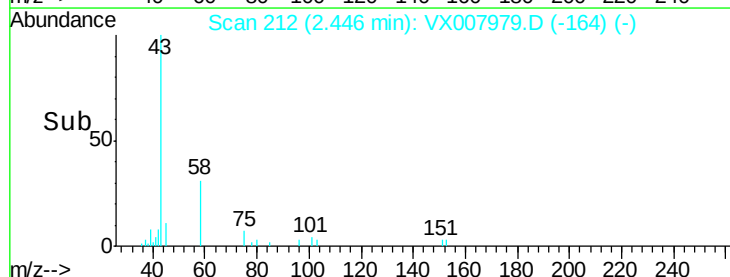
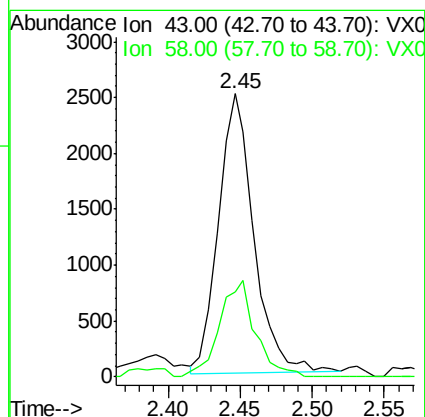
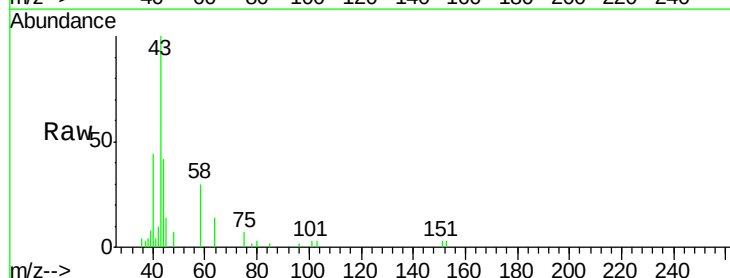
Acq: 11 Mar 2019 19:23

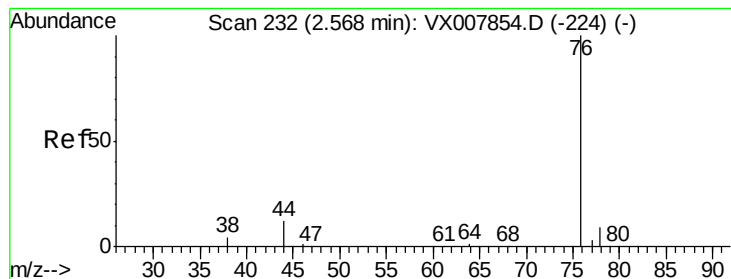
Tgt Ion: 43 Resp: 4301

Ion Ratio Lower Upper

43 100

58 30.8 25.5 38.3





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

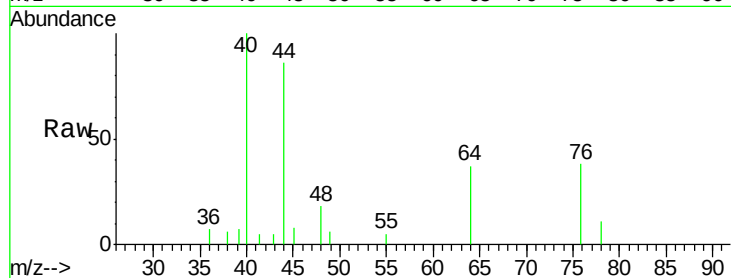
RE122D2-20190308

Tot Ion: 76 Resp: 666

Ion Ratio Lower Upper

76 100

78 15.5 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

400

300

200

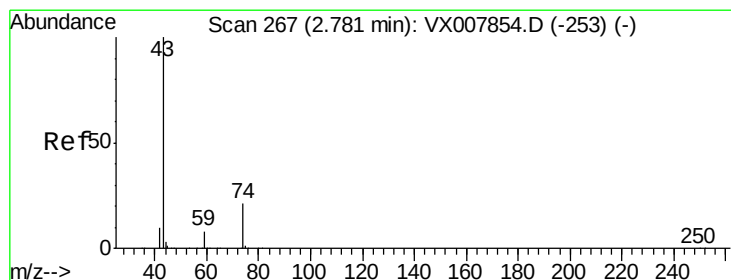
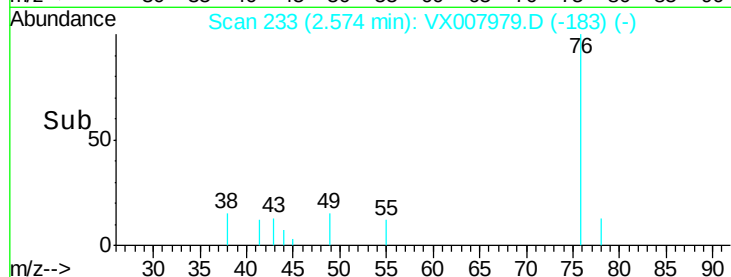
100

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 0.259 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007979.D

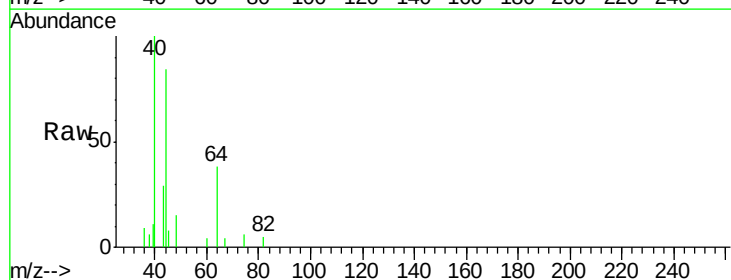
Acq: 11 Mar 2019 19:23

Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

74 13.2 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

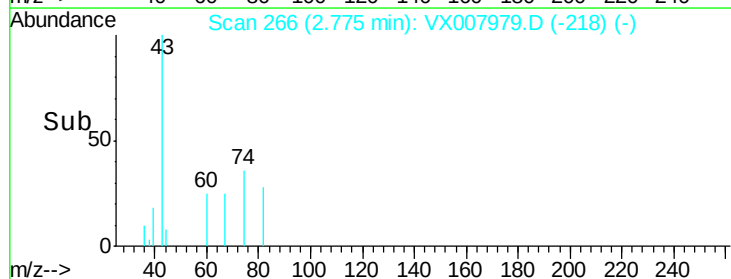
2.70

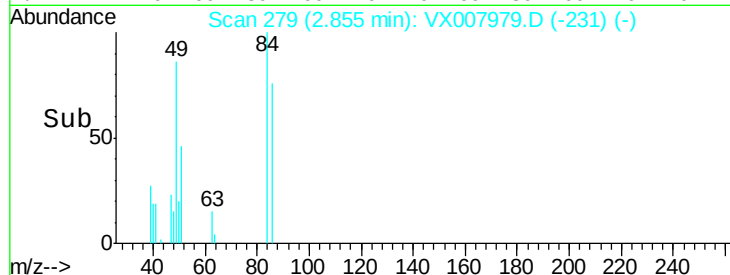
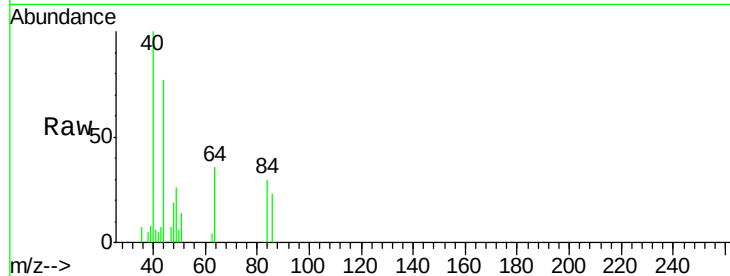
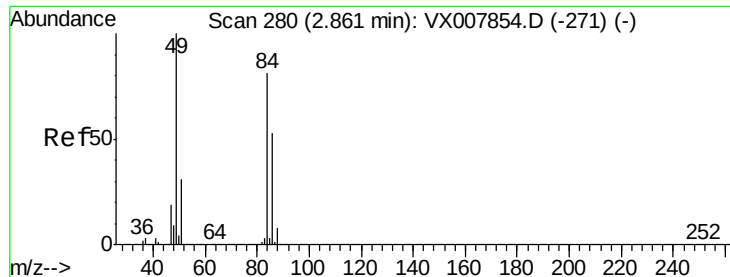
2.75

2.80

2.85

Time-->



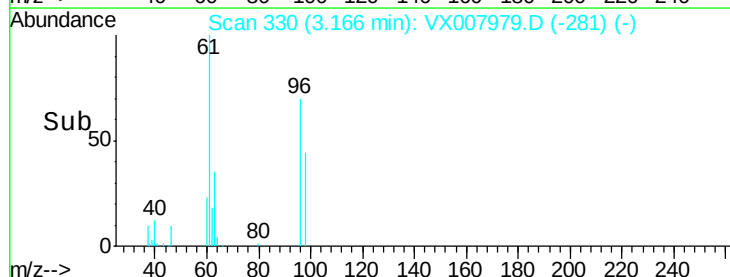
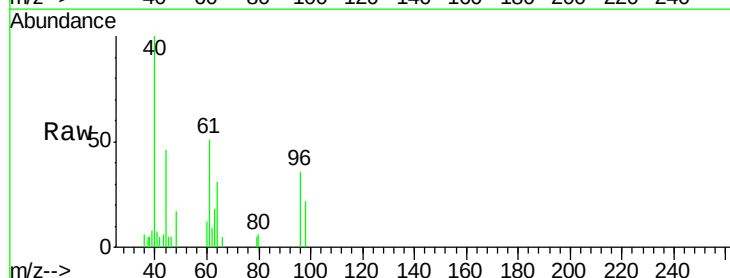
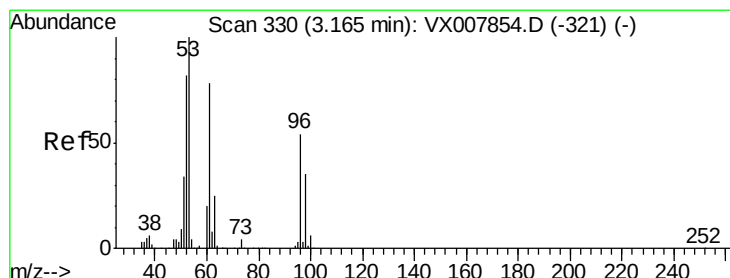
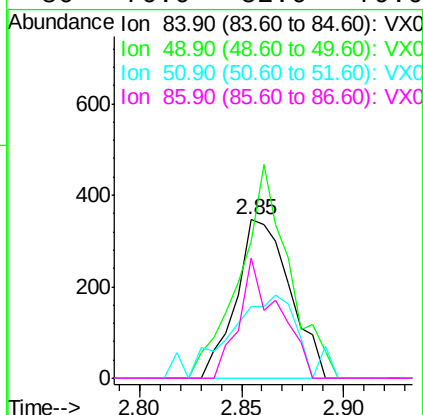


#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

Tot Ion: 84 Resp: 635

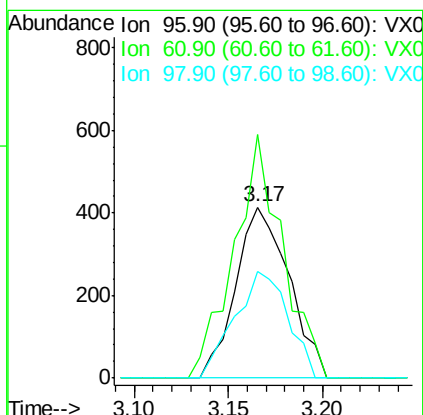
Ion	Ratio	Lower	Upper
84	100		
49	86.4	99.3	148.9#
51	45.7	31.3	46.9
86	76.0	52.6	79.0

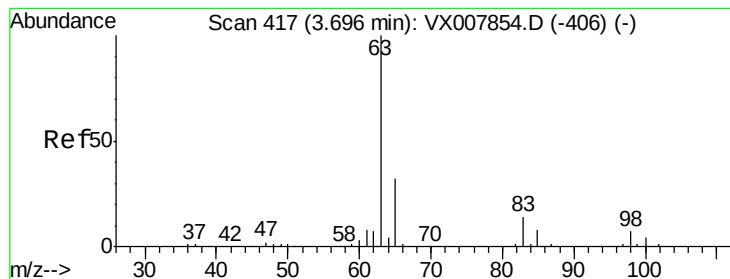


#21
trans-1,2-Dichloroethene
Concen: 0.335 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion: 96 Resp: 806

Ion	Ratio	Lower	Upper
96	100		
61	142.5	114.4	171.6
98	62.3	51.1	76.7





#24

1,1-Dichloroethane

Concen: 0.930 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308

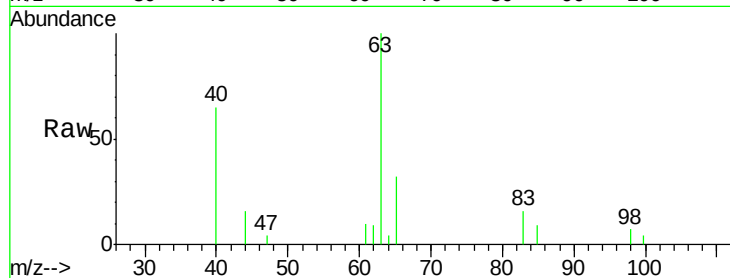
Tot Ion: 63 Resp: 4211

Ion Ratio Lower Upper

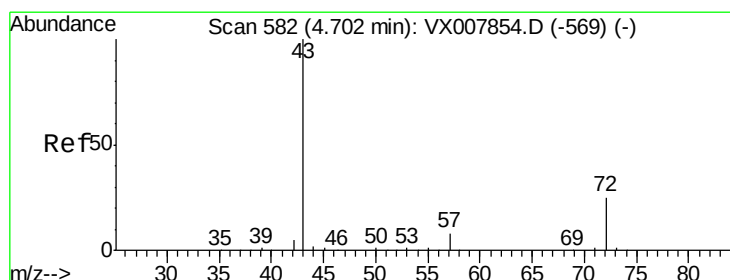
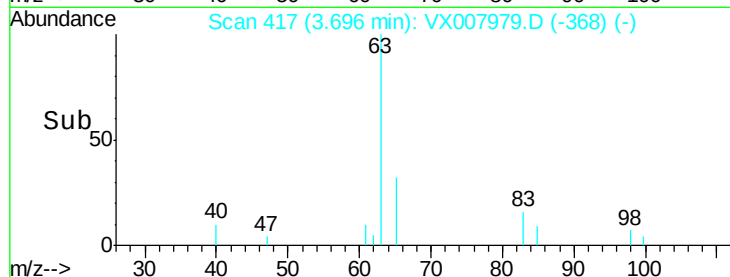
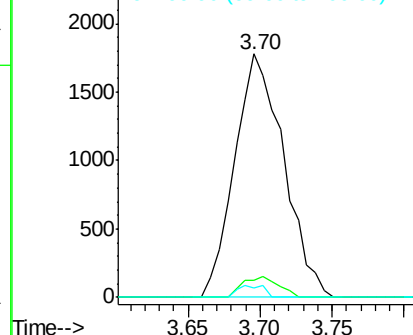
63 100

98 6.9 3.3 9.8

100 3.8 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



#25

2-Butanone

Concen: 0.349 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007979.D

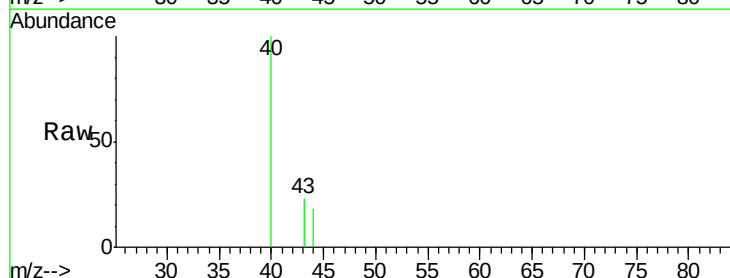
Acq: 11 Mar 2019 19:23

Tgt Ion: 43 Resp: 774

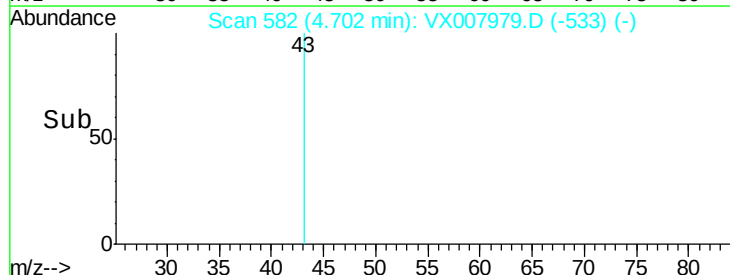
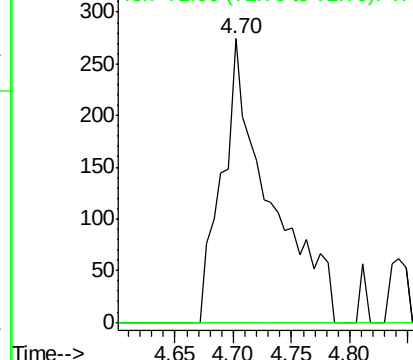
Ion Ratio Lower Upper

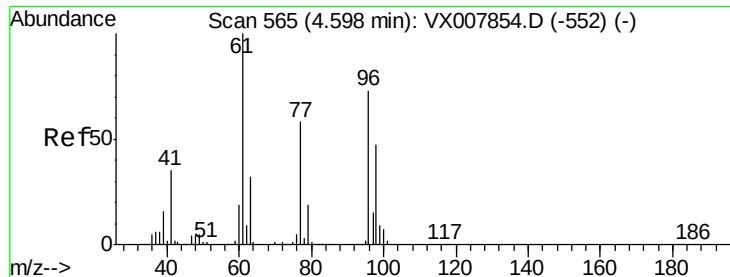
43 100

72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



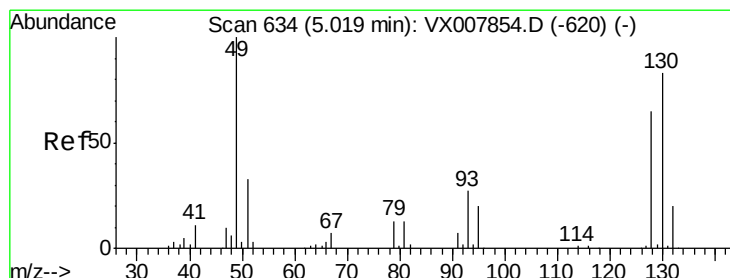
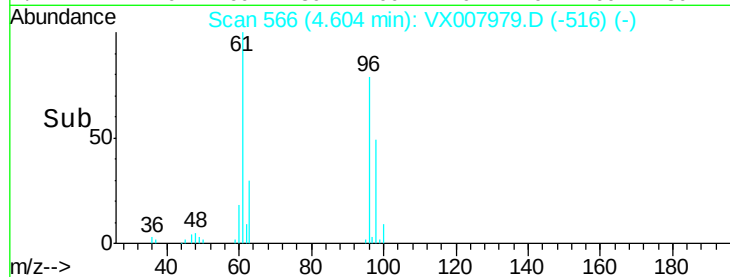
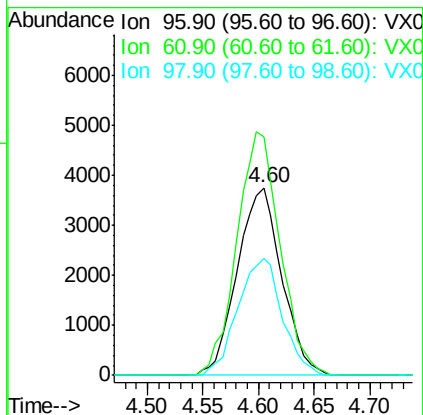
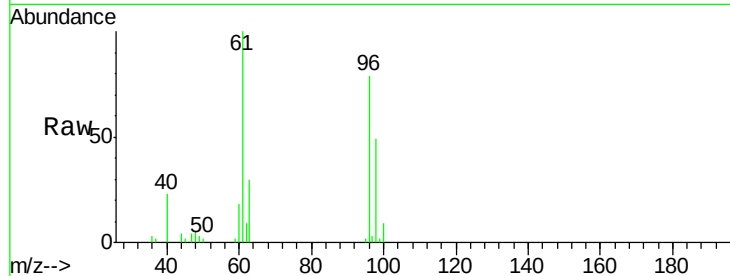


#27

cis-1,2-Dichloroethene
 Concen: 3.783 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

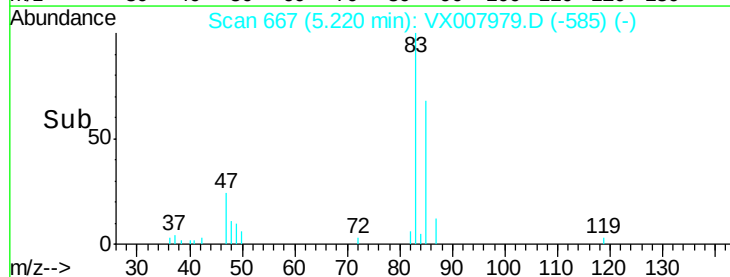
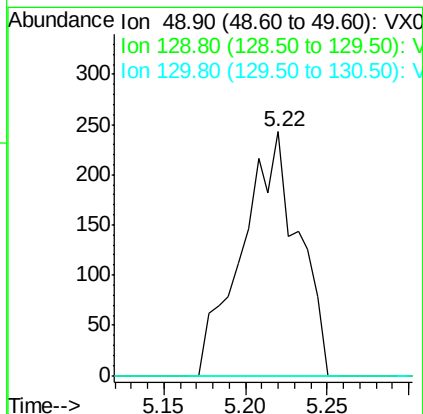
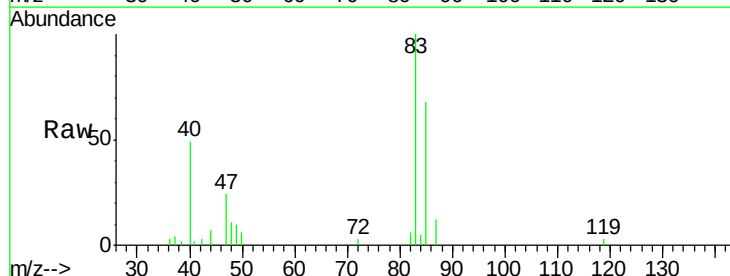
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	288.0
98	62.3	0.0	129.0

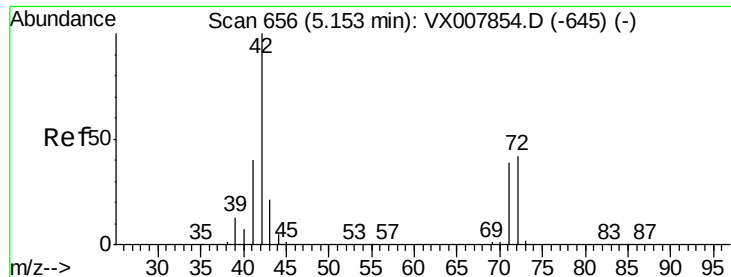


#28

Bromochloromethane
 Concen: 0.276 ug/l
 RT: 5.22 min Scan# 667
 Delta R.T. 0.20 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

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

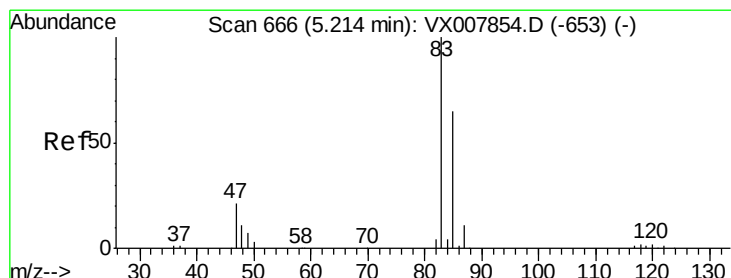
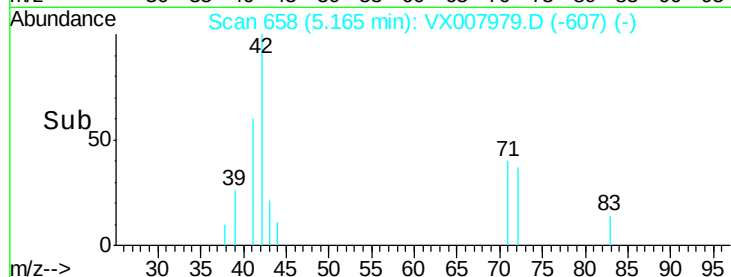
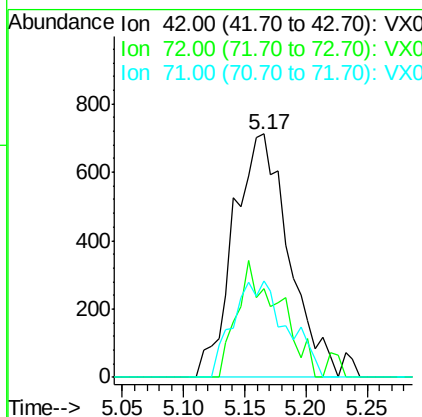
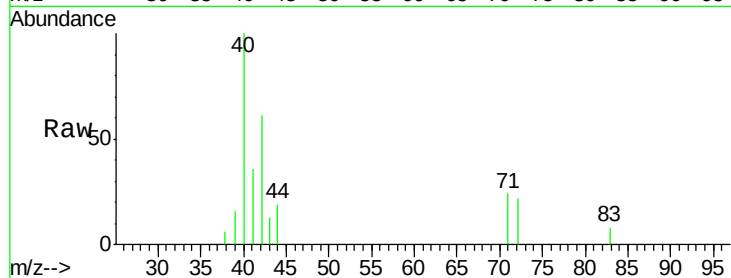




#29
Tetrahydrofuran
Concen: 1.611 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

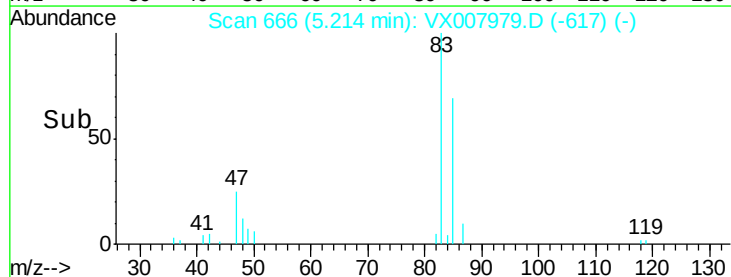
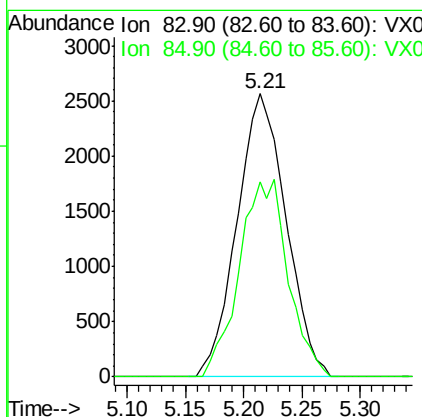
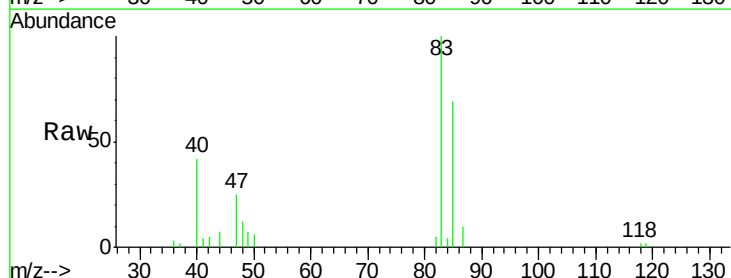
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

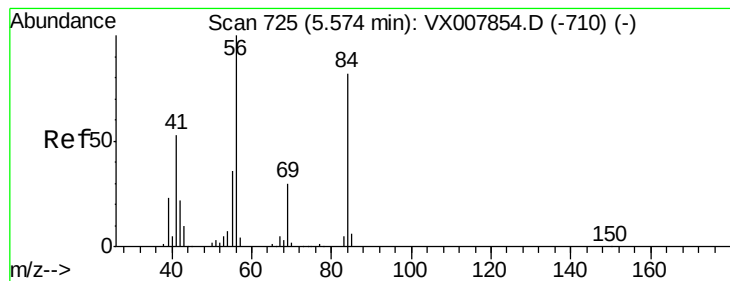
Tot Ion: 42 Resp: 2230
Ion Ratio Lower Upper
42 100
72 36.9 33.8 50.6
71 39.0 31.5 47.3



#30
Chloroform
Concen: 1.751 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion: 83 Resp: 7500
Ion Ratio Lower Upper
83 100
85 68.7 51.8 77.6





#31

Cyclohexane

Concen: 0.944 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308

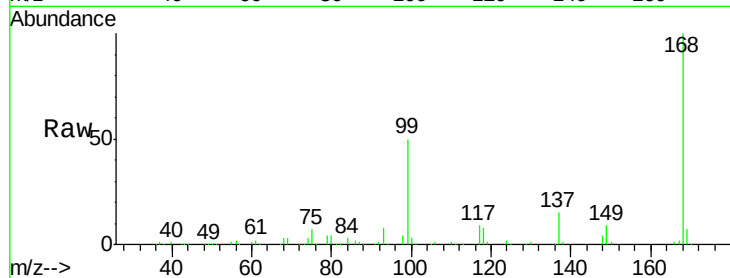
Tot Ion: 56 Resp: 3927

Ion Ratio Lower Upper

56 100

69 198.5 24.0 36.0#

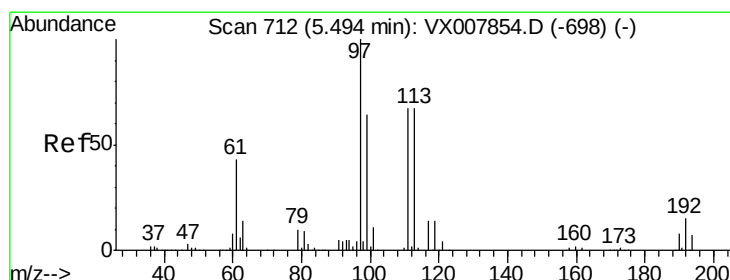
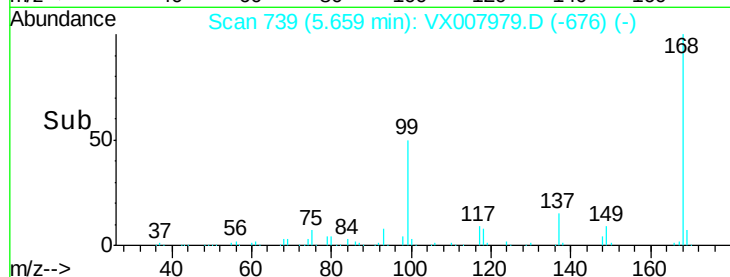
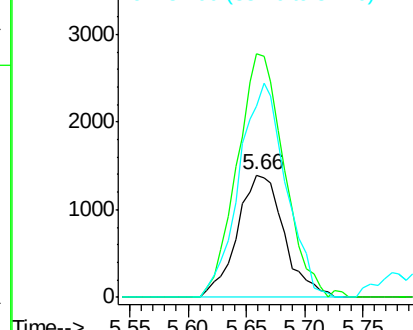
84 155.8 65.3 97.9#



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: 0.291 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

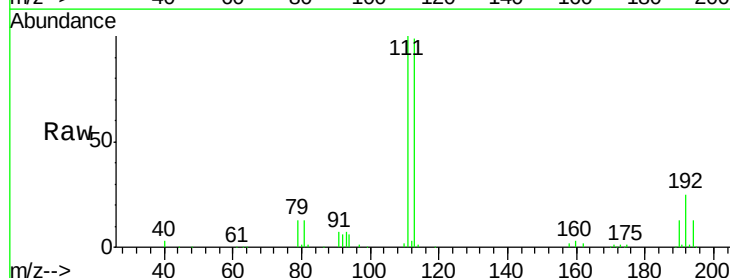
Tgt Ion: 97 Resp: 1034

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

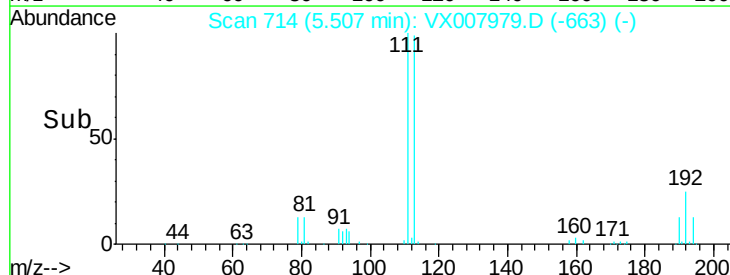
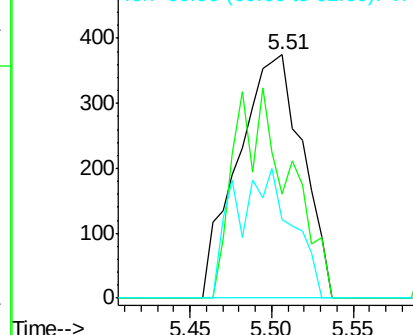
61 33.3 34.9 52.3#

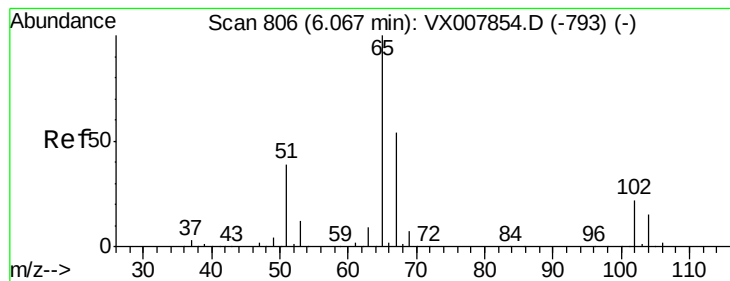


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.356 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

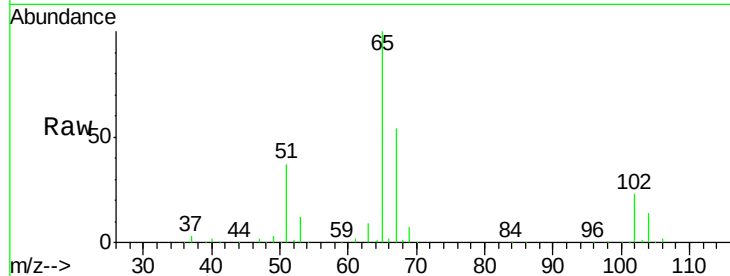
RE122D2-20190308

Tot Ion: 65 Resp: 139082

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

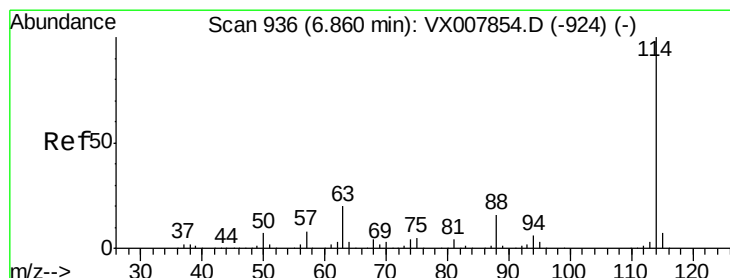
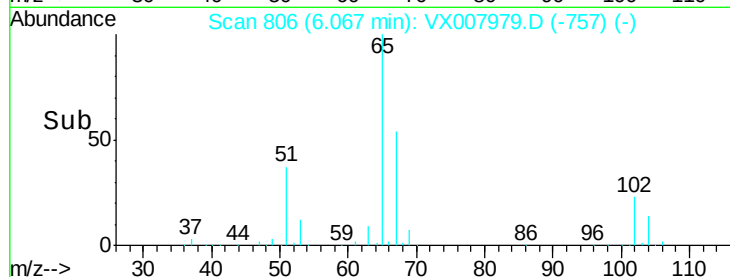
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

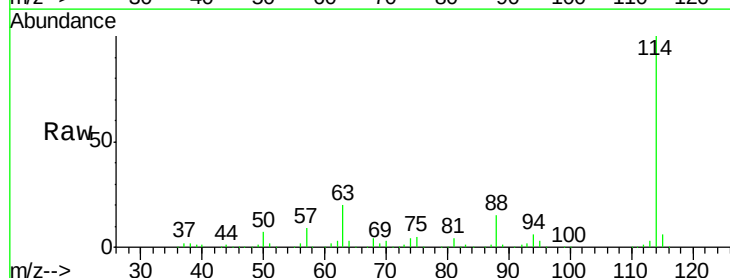
Tgt Ion: 114 Resp: 400202

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

88 15.5 0.0 31.4



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

6.86

200000

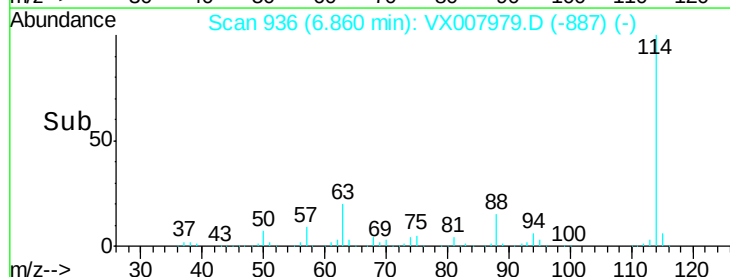
150000

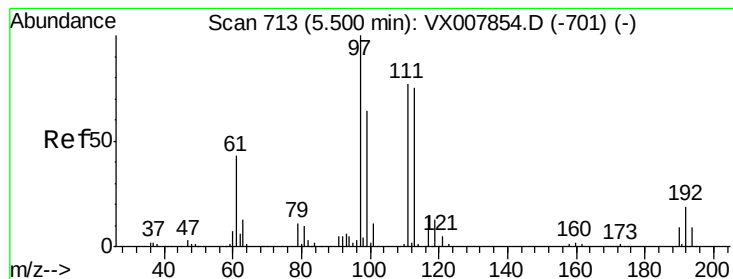
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 50.757 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308

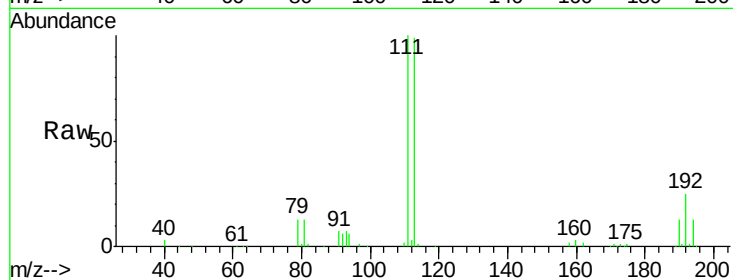
Tot Ion:113 Resp: 129937

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

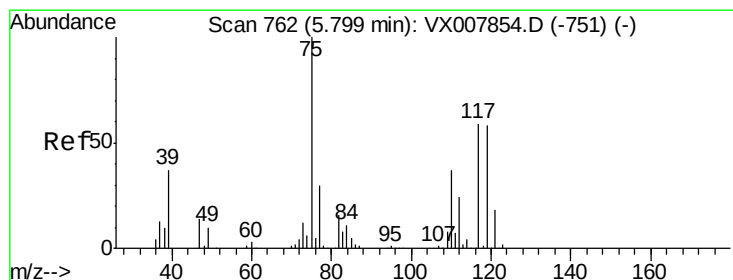
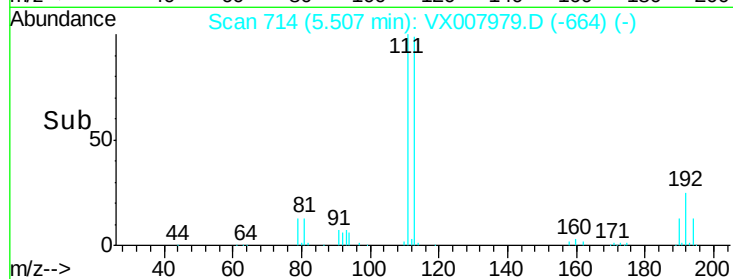
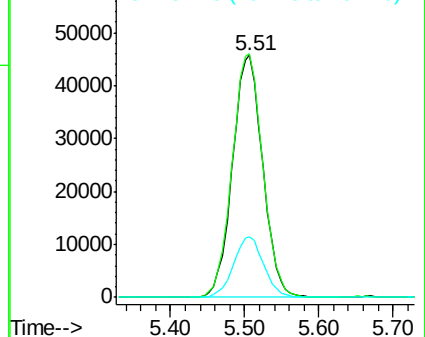
192 24.8 19.4 29.0



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: 4.399 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

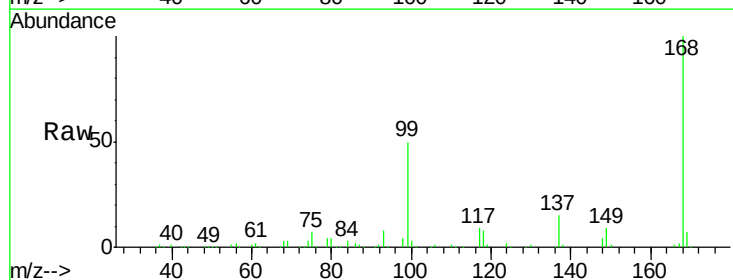
Tgt Ion: 75 Resp: 15941

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.0#

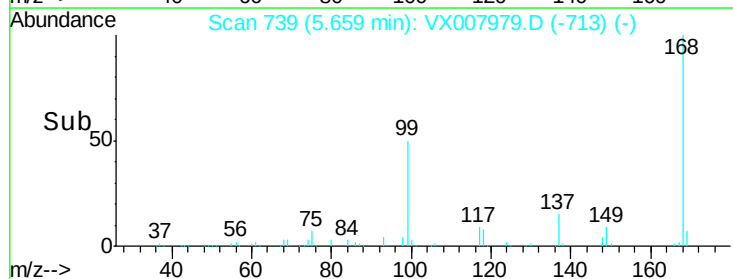
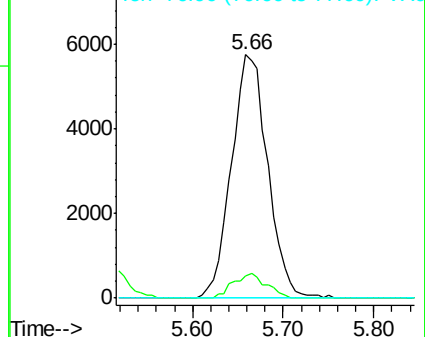
77 0.0 25.0 37.4#

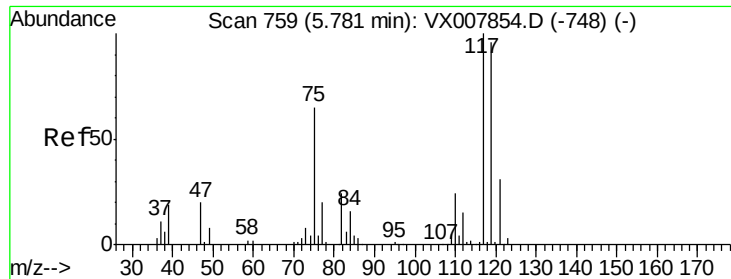


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

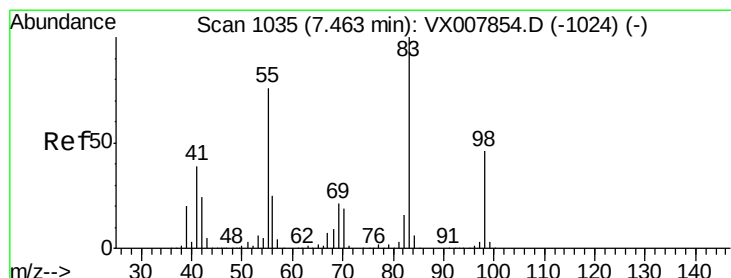
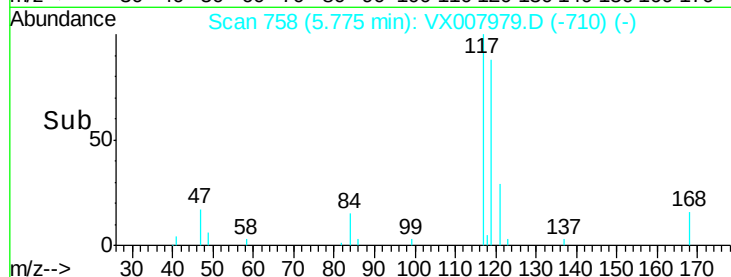
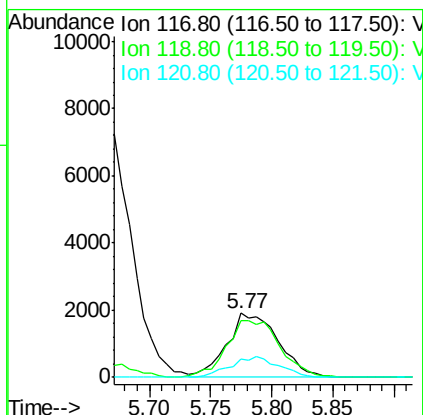
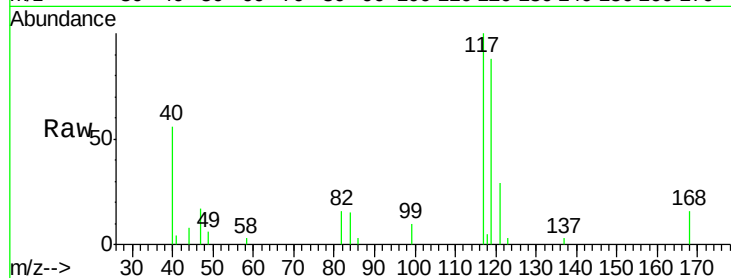




#38
Carbon Tetrachloride
Concen: 1.617 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

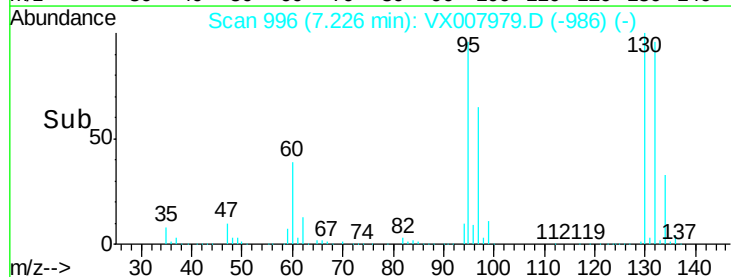
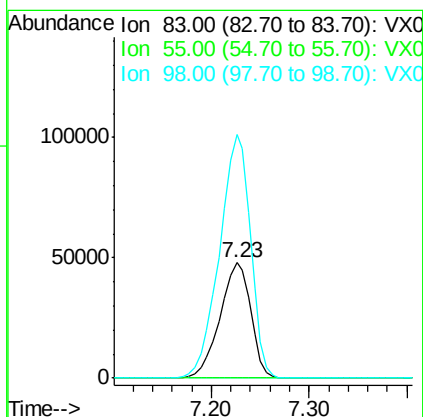
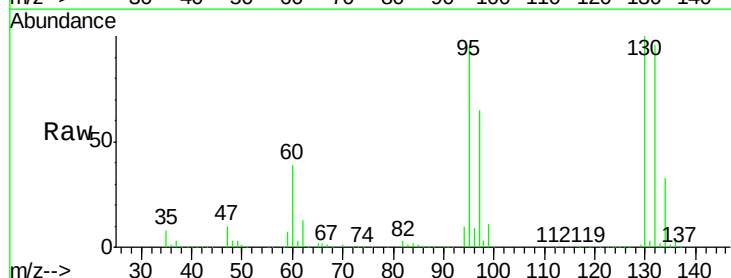
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

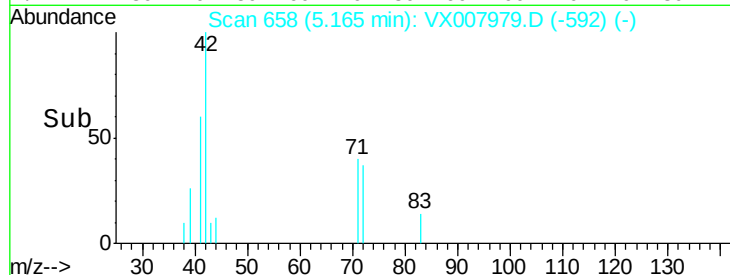
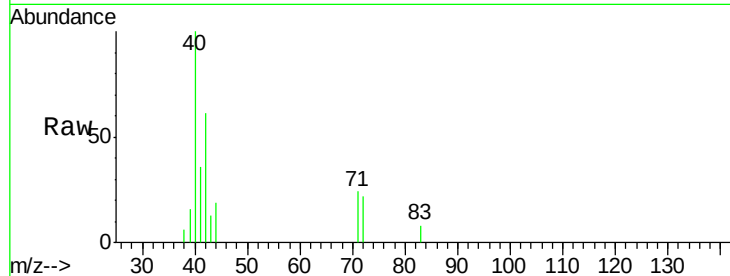
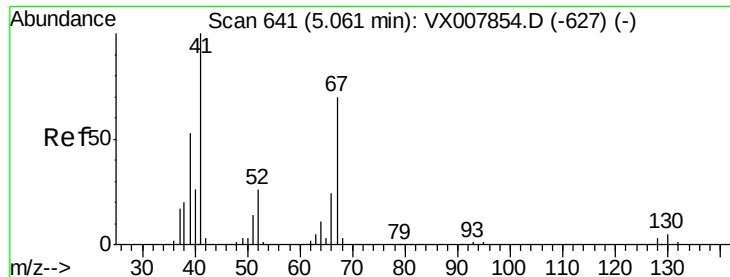
Tot Ion:117 Resp: 5563
Ion Ratio Lower Upper
117 100
119 88.2 76.2 114.2
121 28.7 24.6 36.8



#39
Methylcyclohexane
Concen: 23.700 ug/l
RT: 7.23 min Scan# 996
Delta R.T. -0.24 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion: 83 Resp: 104068
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 210.9 36.5 54.7#

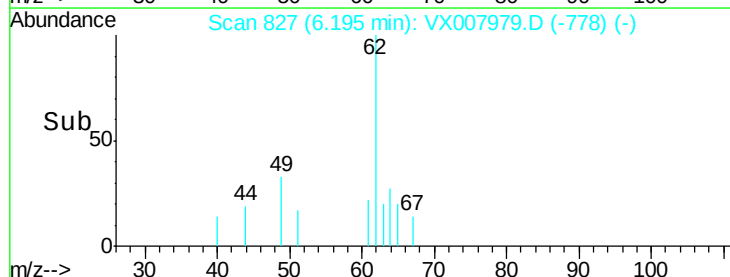
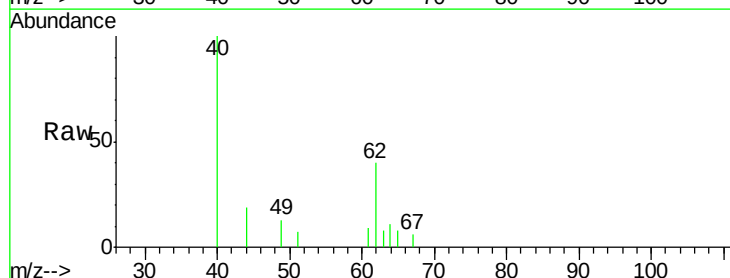
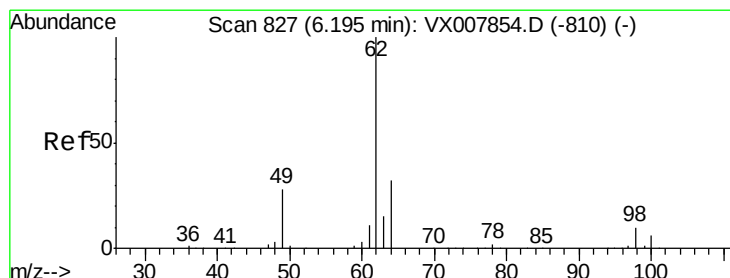
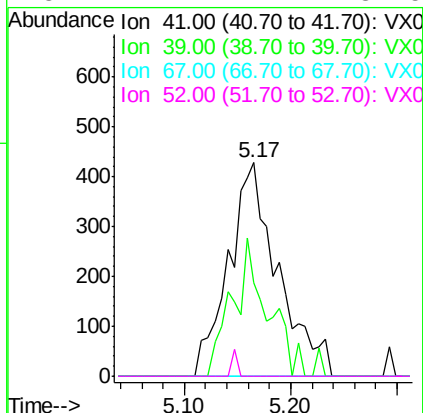




#41
Methacrylonitrile
Concen: 0.589 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

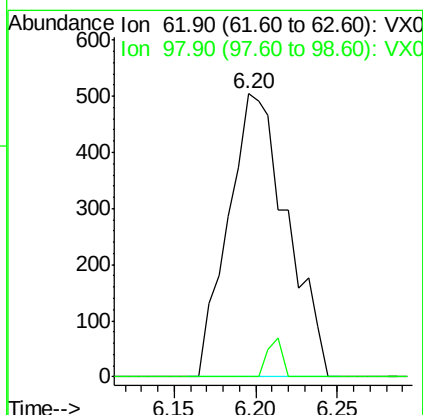
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

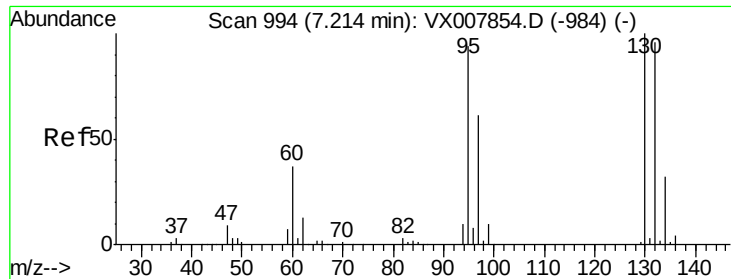
Tot Ion: 41 Resp: 1382
Ion Ratio Lower Upper
41 100
39 46.5 41.6 62.4
67 0.0 55.8 83.6#
52 1.4 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 0.358 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion: 62 Resp: 1262
Ion Ratio Lower Upper
62 100
98 3.5 0.0 20.4





#44

Trichloroethene

Concen: 3101.814 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

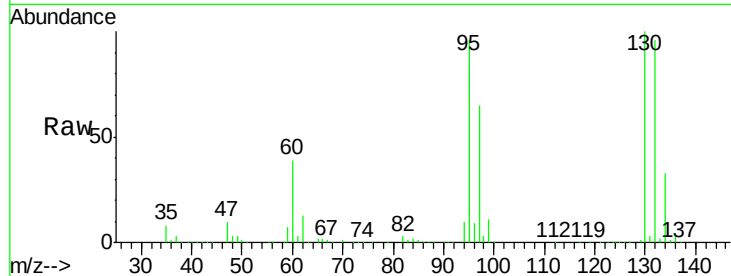
RE122D2-20190308

Tot Ion:130 Resp: 9221686

Ion Ratio Lower Upper

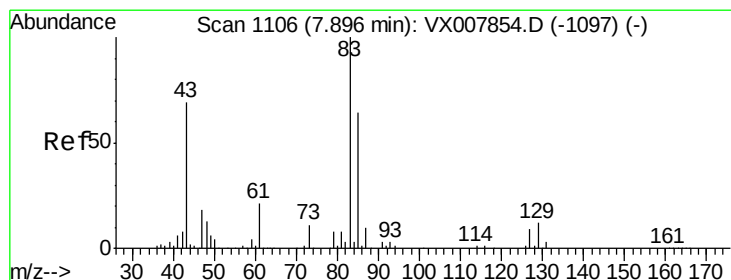
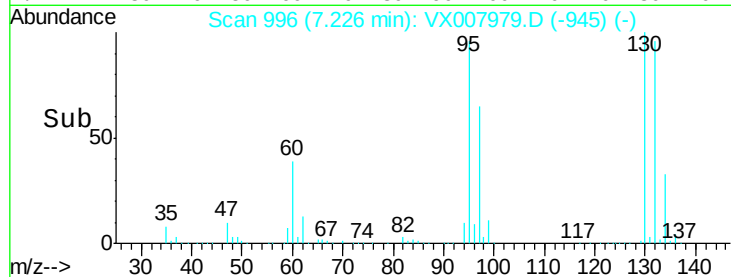
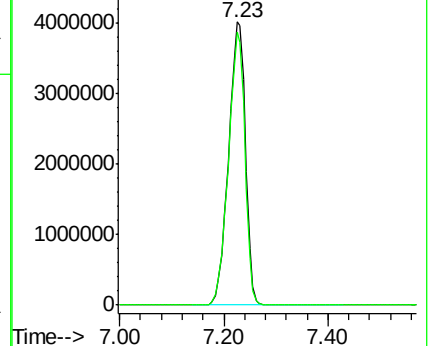
130 100

95 96.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.270 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

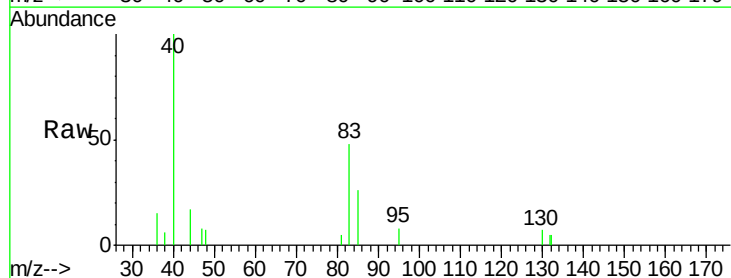
Tgt Ion: 83 Resp: 924

Ion Ratio Lower Upper

83 100

85 54.8 50.9 76.3

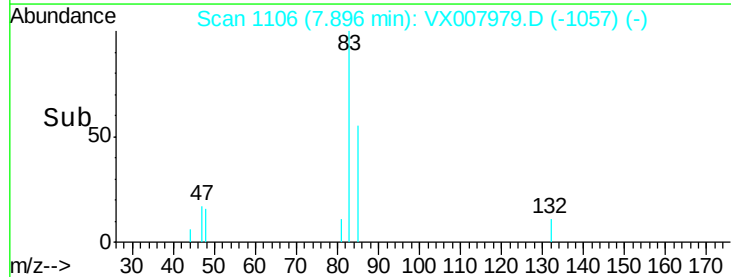
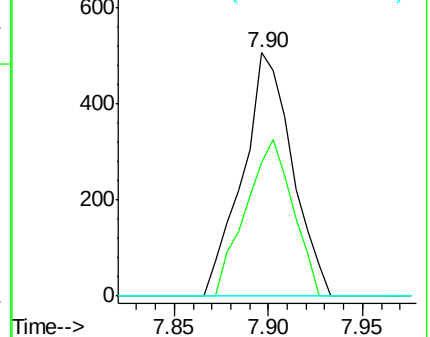
127 0.0 7.4 11.0#

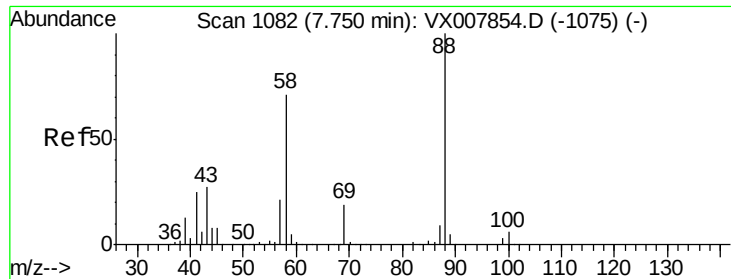


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#49

1,4-Dioxane

Concen: 17.487 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308

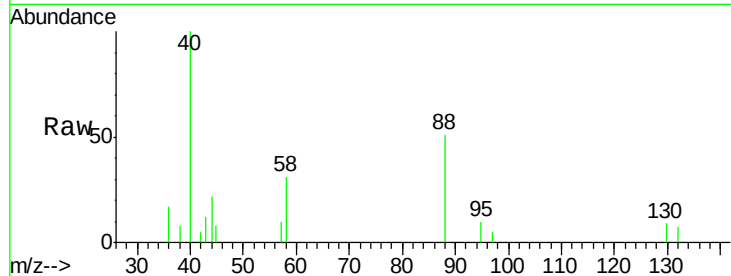
Tot Ion: 88 Resp: 1202

Ion Ratio Lower Upper

88 100

43 29.6 25.1 37.7

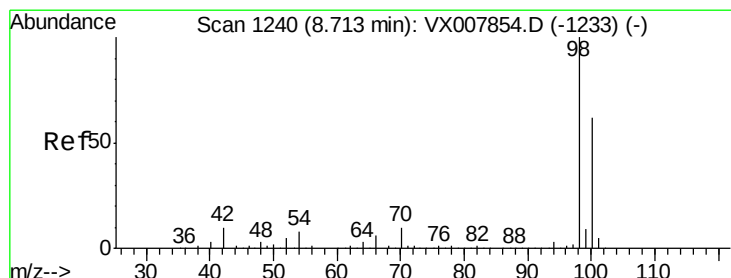
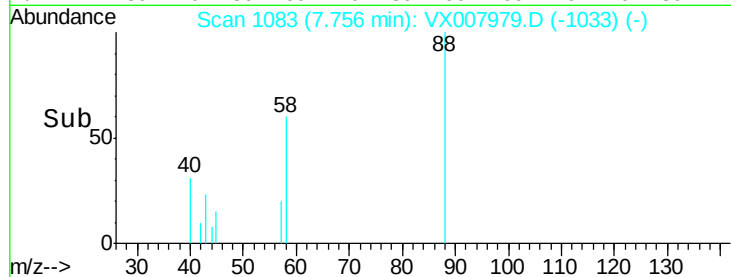
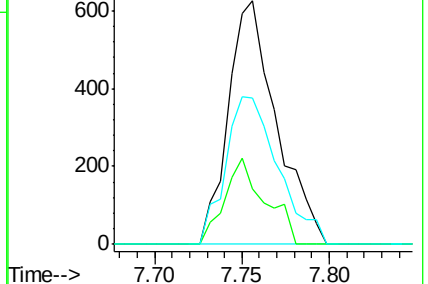
58 66.0 57.8 86.6



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: 51.077 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007979.D

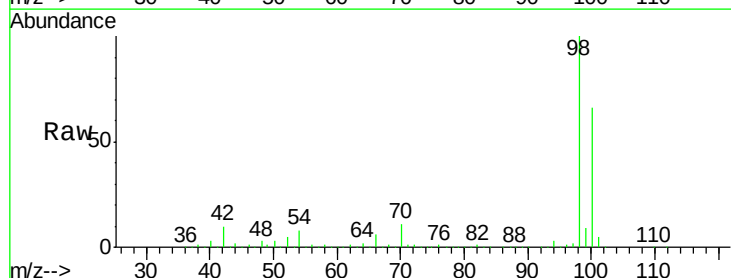
Acq: 11 Mar 2019 19:23

Tgt Ion: 98 Resp: 480201

Ion Ratio Lower Upper

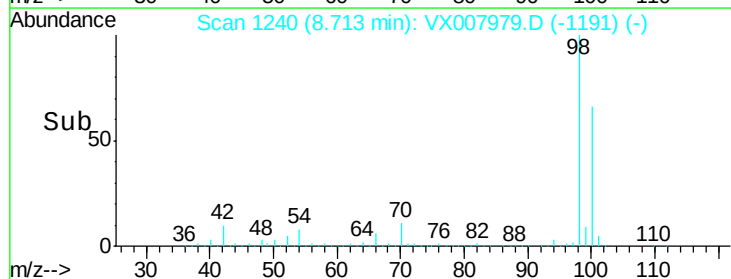
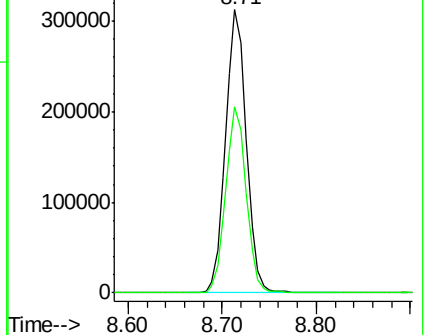
98 100

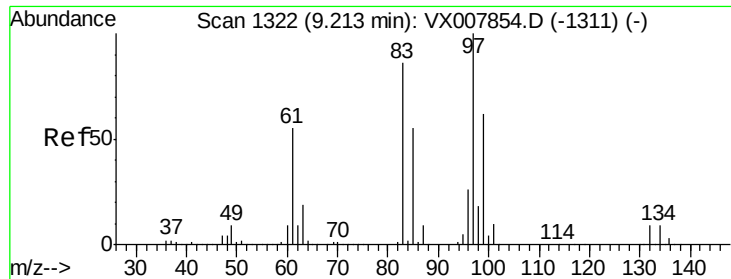
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

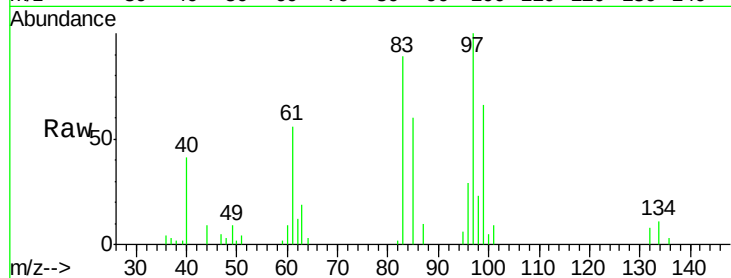




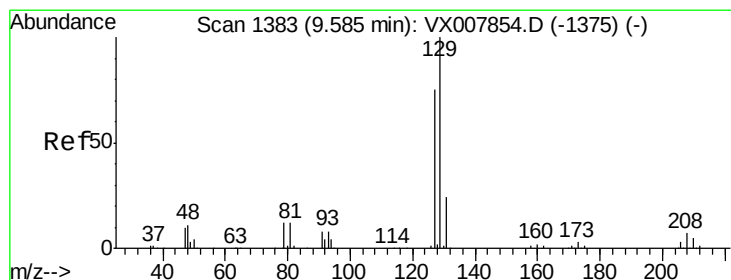
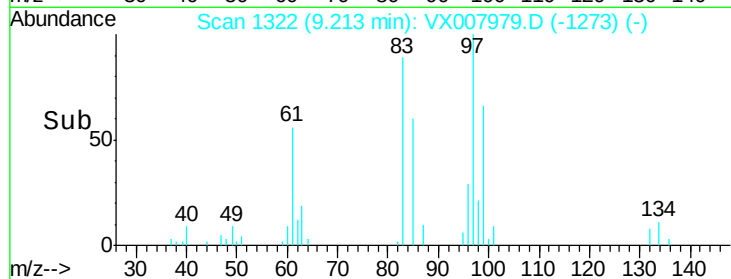
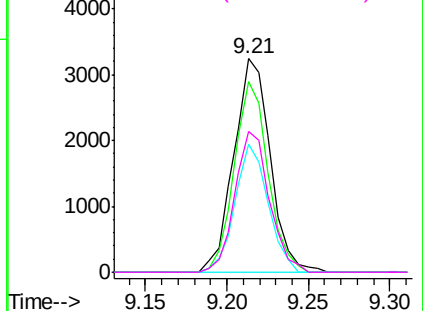
#55
 1,1,2-Trichloroethane
 Concen: 1.893 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308

Tot Ion: 97 Resp: 5047
 Ion Ratio Lower Upper
 97 100
 83 89.4 69.1 103.7
 85 60.0 44.3 66.5
 99 65.8 49.8 74.8

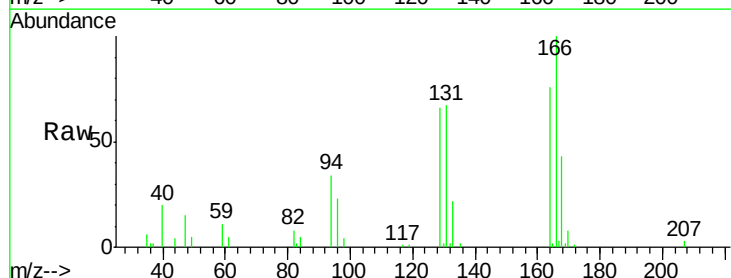


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

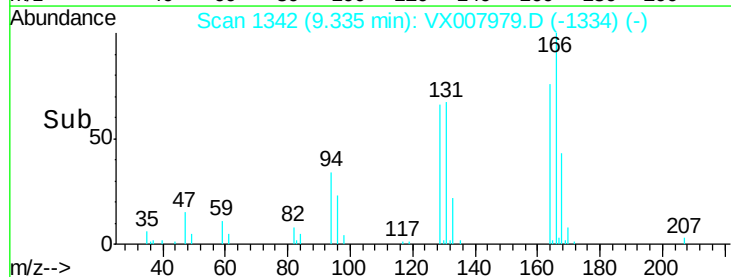
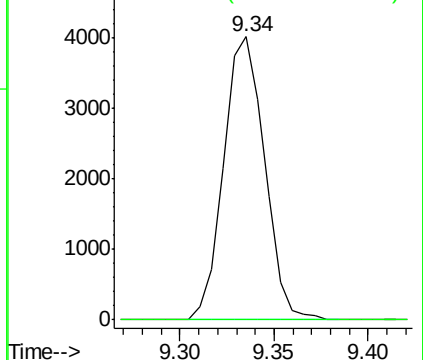


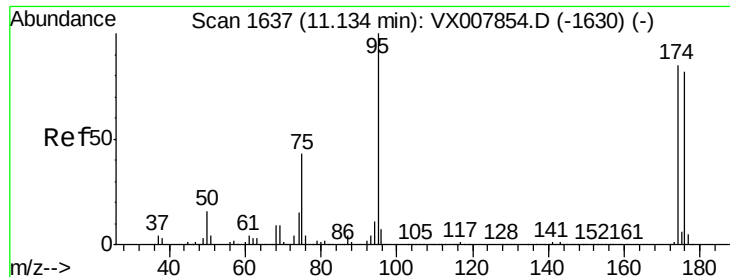
#60
 Dibromochloromethane
 Concen: 2.167 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.25 min
 Lab File: VX007979.D
 Acq: 11 Mar 2019 19:23

Tgt Ion: 129 Resp: 6040
 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: 54.413 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308

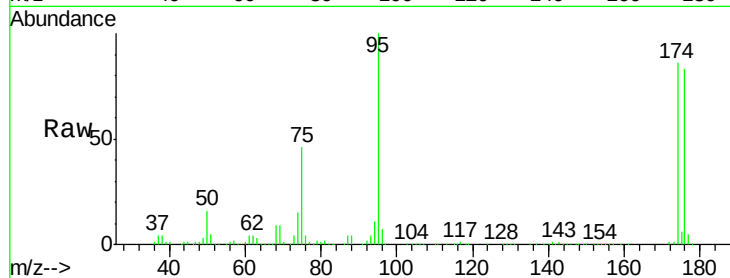
Tot Ion: 95 Resp: 179357

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.8

176 90.9 0.0 178.0

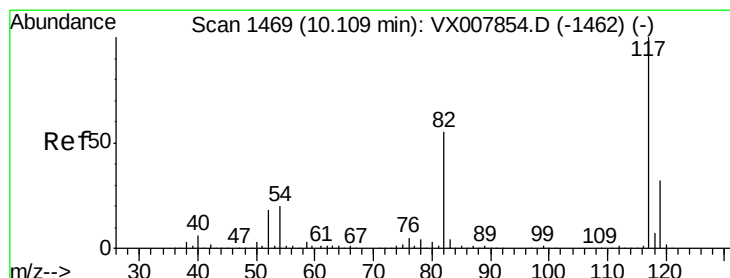
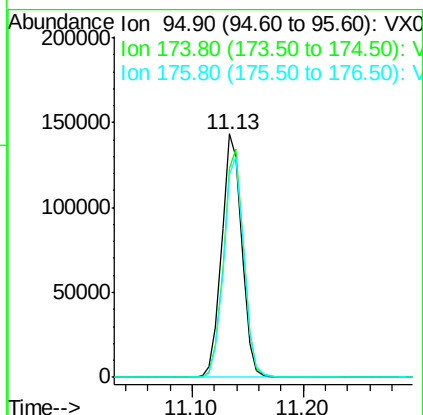
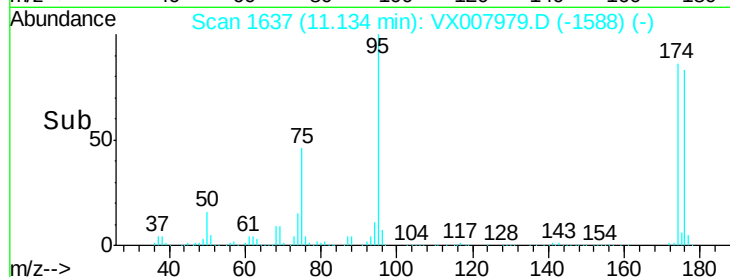


Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

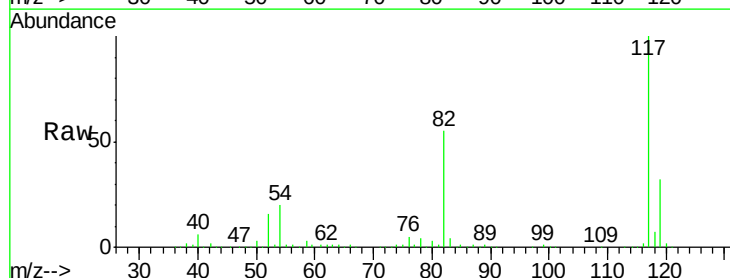
Tgt Ion: 117 Resp: 379763

Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

119 32.2 25.3 37.9

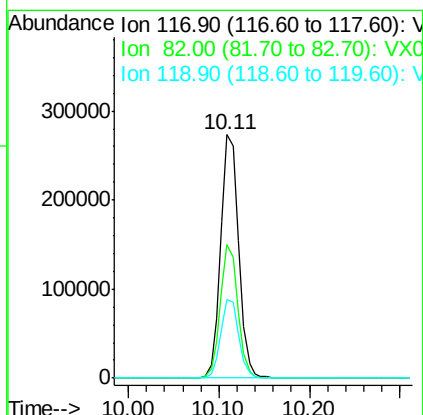
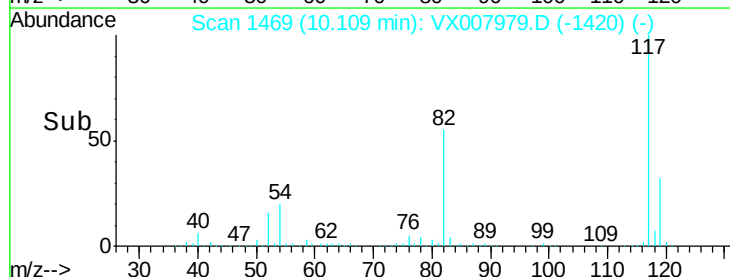


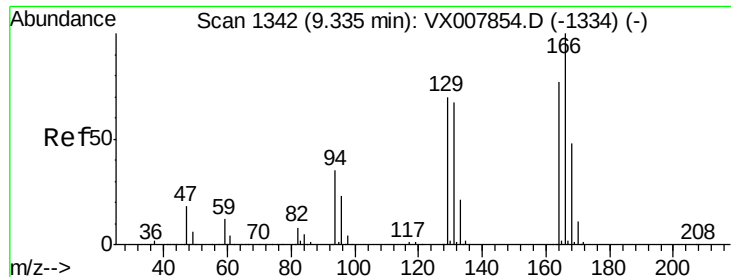
Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

Time-->

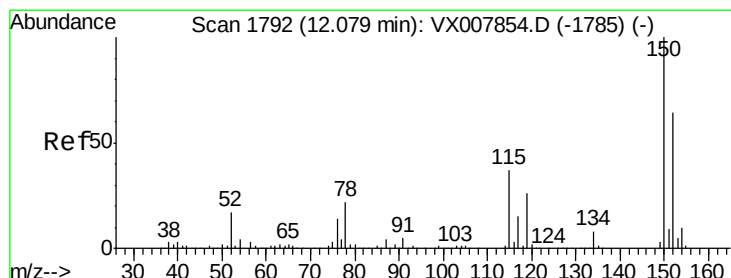
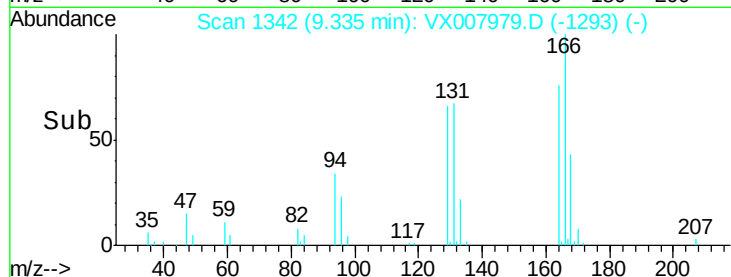
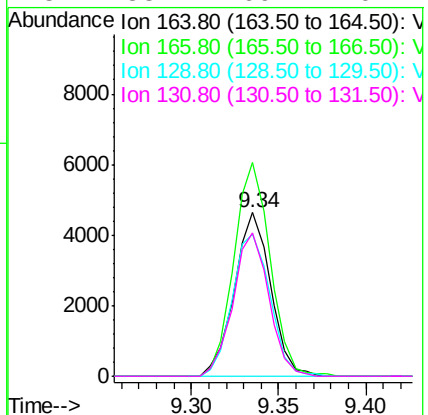
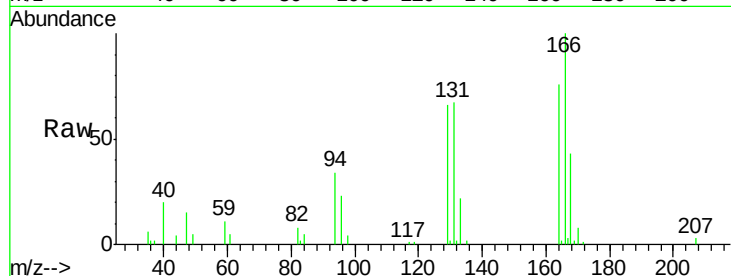




#64
Tetrachloroethene
Concen: 2.125 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

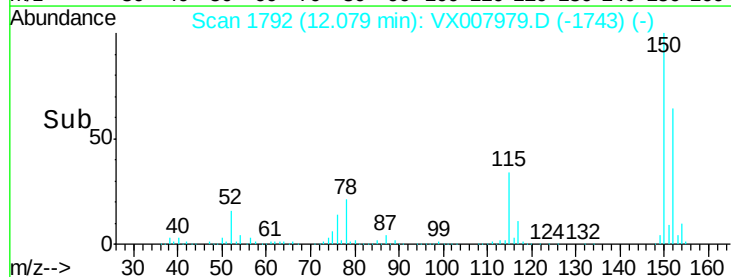
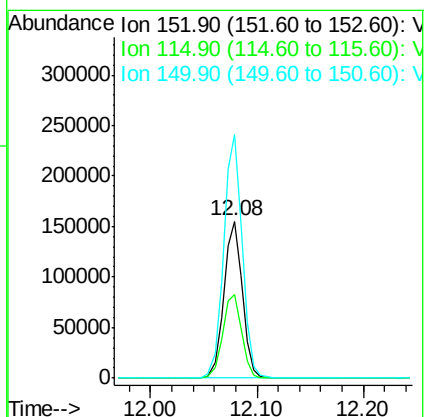
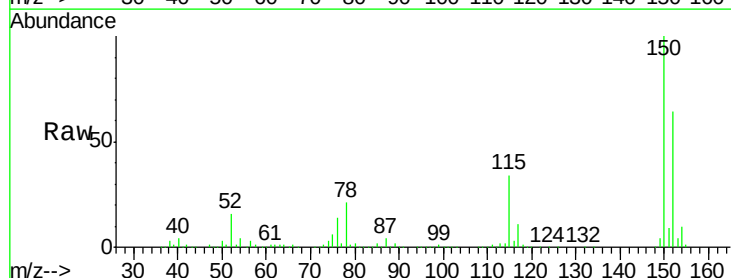
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308

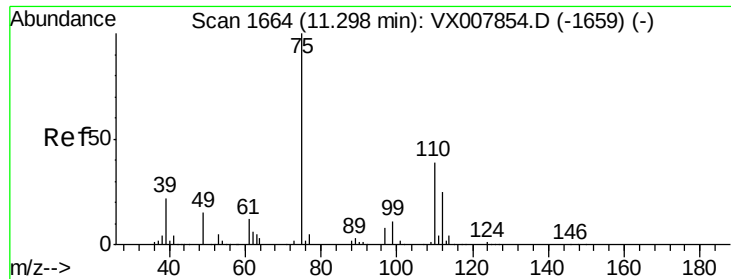
Tot Ion:164 Resp: 6687
Ion Ratio Lower Upper
164 100
166 130.8 103.4 155.0
129 86.9 72.2 108.4
131 88.1 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007979.D
Acq: 11 Mar 2019 19:23

Tgt Ion:152 Resp: 188019
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 155.3 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 20.898 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

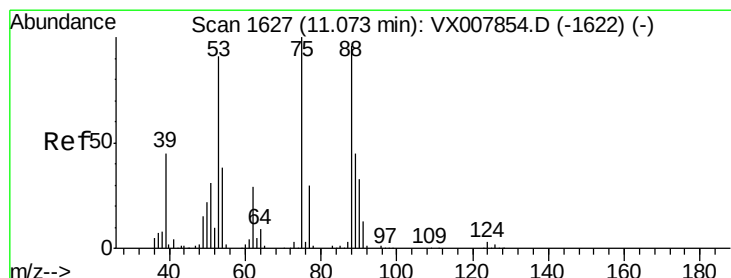
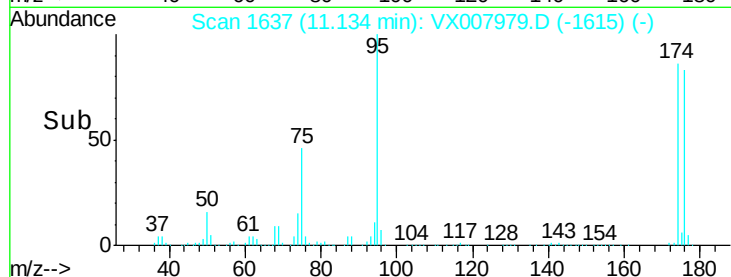
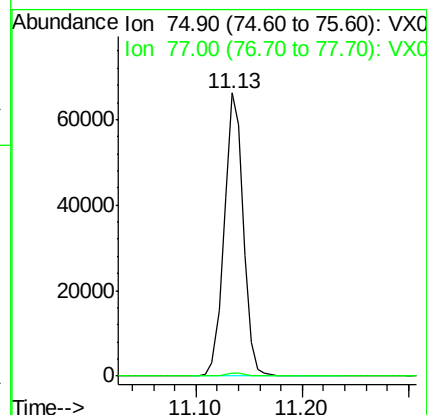
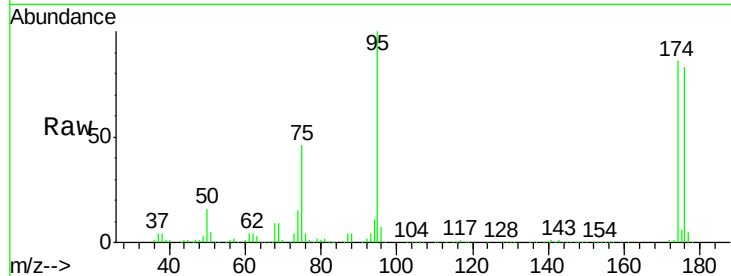
RE122D2-20190308

Tot Ion: 75 Resp: 82450

Ion Ratio Lower Upper

75 100

77 1.3 18.9 56.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.799 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007979.D

Acq: 11 Mar 2019 19:23

Tgt Ion: 75 Resp: 82450

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#

