

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008094.D
 Acq On : 15 Mar 2019 02:26
 Operator : JC/SP
 Sample : K1839-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20190307

Quant Time: Mar 15 04:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211742	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	150375	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
35) Dibromofluoromethane	5.51	113	145424	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	548073	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	201355	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	

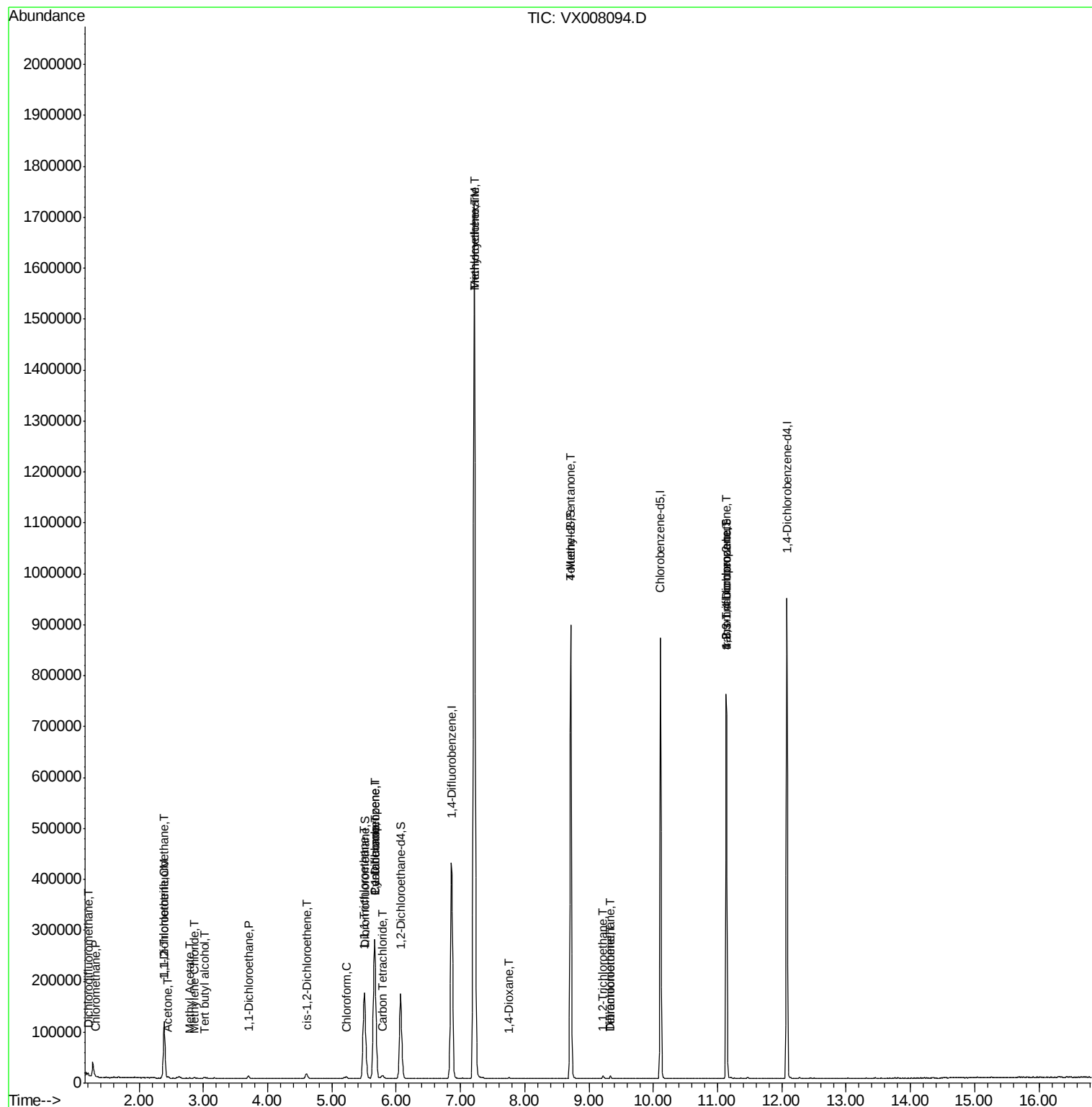
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2397	1.019	ug/l	99
3) Chloromethane	1.33	50	634	0.229	ug/l #	86
5) Bromomethane	1.65	94	176	Below Cal	#	70
6) Chloroethane	1.72	64	506	Below Cal	#	83
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37552	15.840	ug/l	97
11) Tert butyl alcohol	3.02	59	1109	1.936	ug/l #	83
12) 1,1-Dichloroethene	2.38	96	9361	4.178	ug/l	87
16) Acetone	2.45	43	2356	1.683	ug/l	93
18) Methyl Acetate	2.78	43	718	0.237	ug/l #	88
20) Methylene Chloride	2.85	84	638	0.255	ug/l #	76
24) 1,1-Dichloroethane	3.70	63	5053	1.137	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	5744	2.002	ug/l	91
30) Chloroform	5.22	83	3621	0.804	ug/l	96
31) Cyclohexane	5.67	56	4347	1.026	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	1968	0.519	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	17233	4.612	ug/l #	49
38) Carbon Tetrachloride	5.78	117	5093	1.416	ug/l	97
39) Methylcyclohexane	7.21	83	7139	1.495	ug/l #	1
44) Trichloroethene	7.21	130	706159	213.766	ug/l	99
49) 1,4-Dioxane	7.76	88	1306	17.928	ug/l	93
51) 4-Methyl-2-Pentanone	8.71	43	1992	0.467	ug/l #	1
55) 1,1,2-Trichloroethane	9.22	97	1625	0.549	ug/l #	87
60) Dibromochloromethane	9.34	129	845	0.277	ug/l #	11
64) Tetrachloroethene	9.34	164	913	0.263	ug/l #	84
76) 1,2,3-Trichloropropane	11.13	75	90028	24.482	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	90028	69.666	ug/l #	11

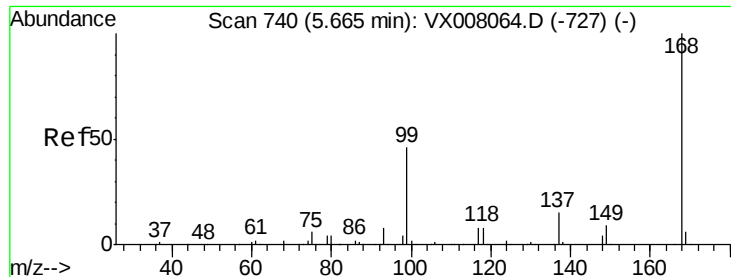
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 03:56:35 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: VX008094.D

Acq: 15 Mar 2019 02:26

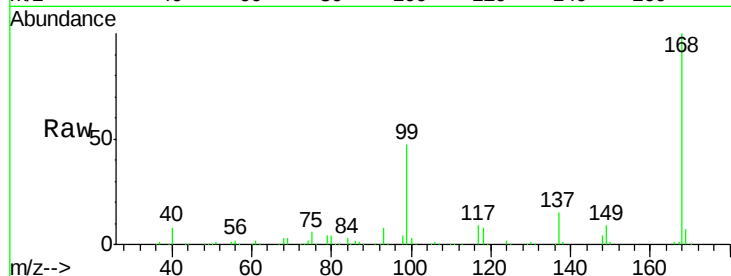
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tot Ion:168 Resp: 293880

Ion Ratio Lower Upper

168 100

99 46.9 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

120000

100000

80000

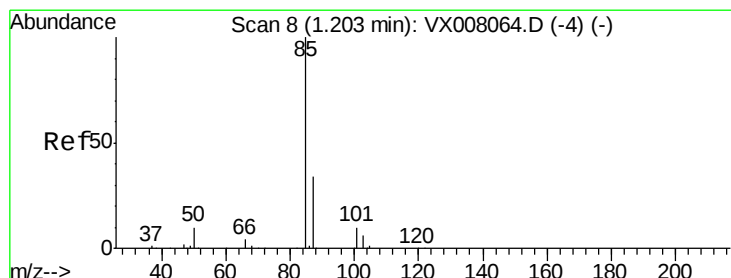
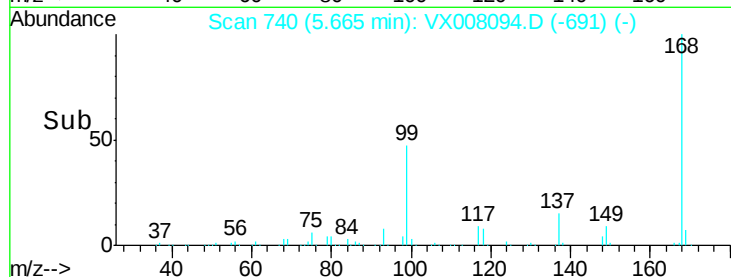
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.019 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008094.D

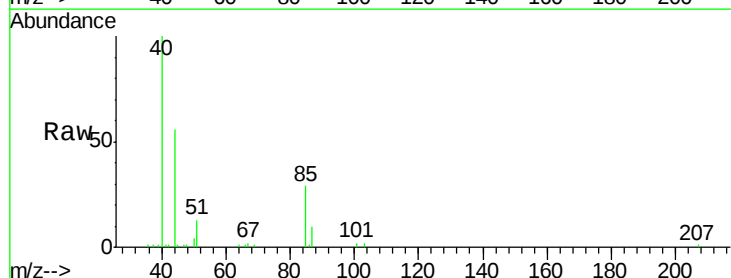
Acq: 15 Mar 2019 02:26

Tgt Ion: 85 Resp: 2397

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

2500

2000

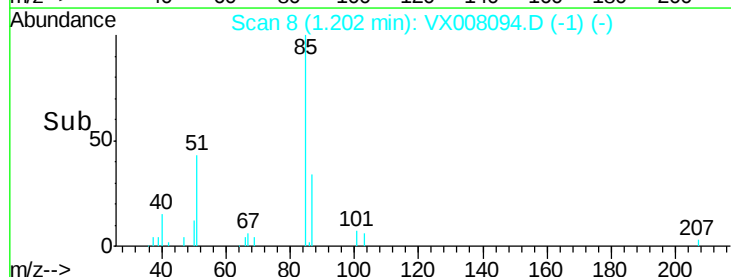
1500

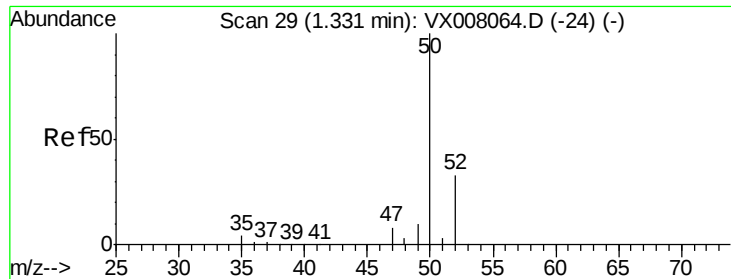
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.229 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

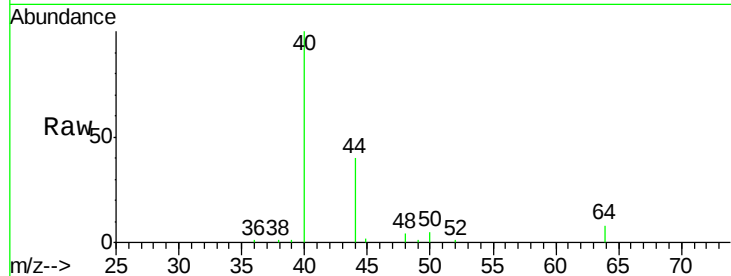
TT101D1-20190307

Tot Ion: 50 Resp: 634

Ion Ratio Lower Upper

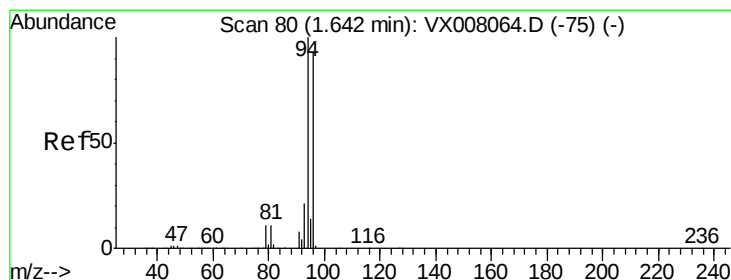
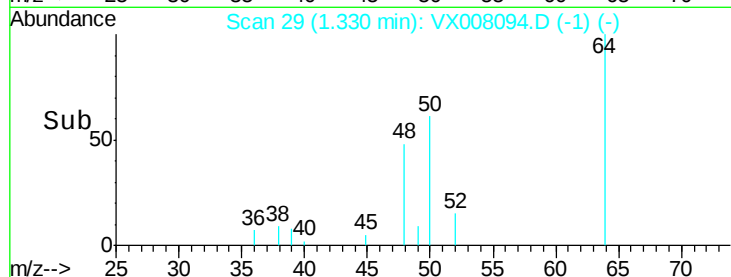
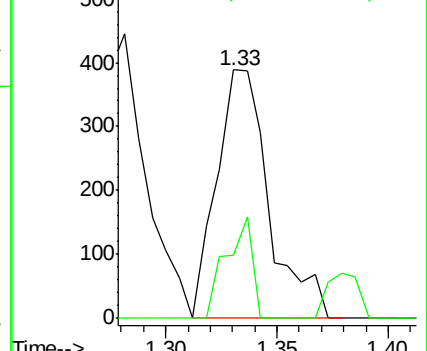
50 100

52 24.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX008094.D

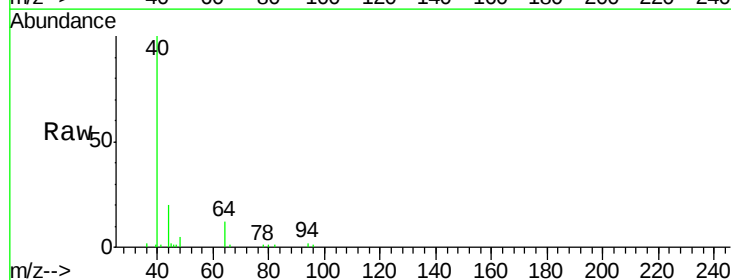
Acq: 15 Mar 2019 02:26

Tgt Ion: 94 Resp: 176

Ion Ratio Lower Upper

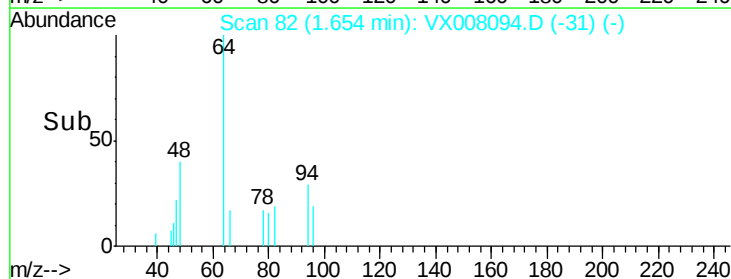
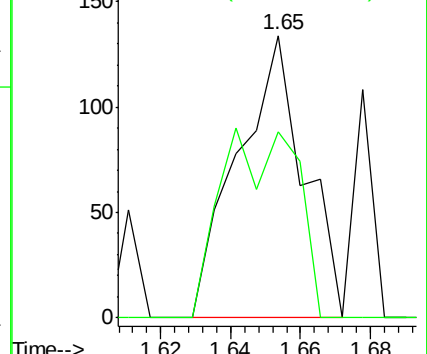
94 100

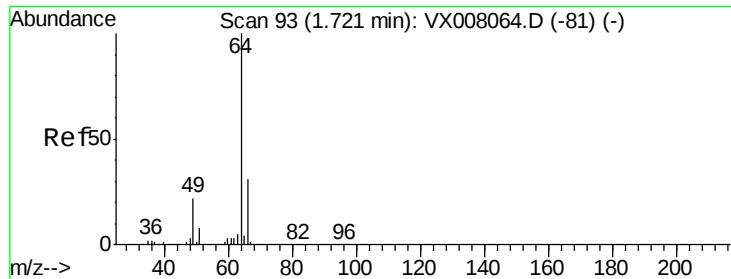
96 65.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

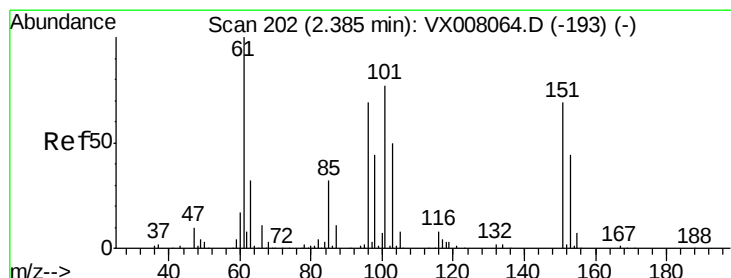
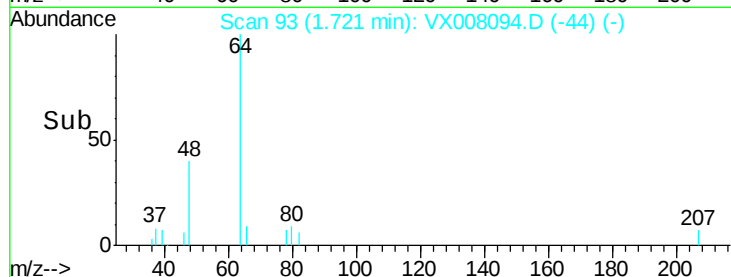
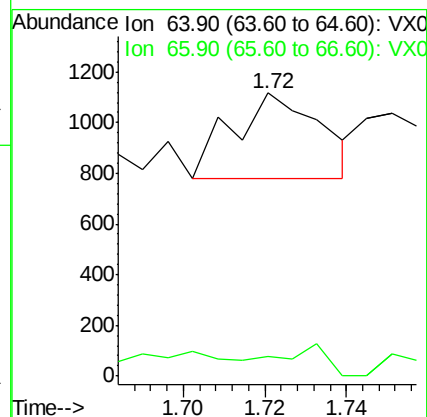
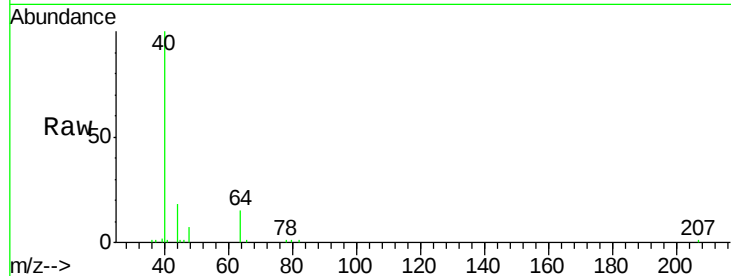
TT101D1-20190307

Tot Ion: 64 Resp: 506

Ion Ratio Lower Upper

64 100

66 22.2 25.2 37.8#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.840 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

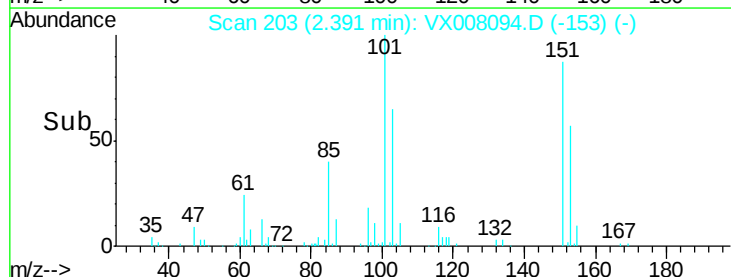
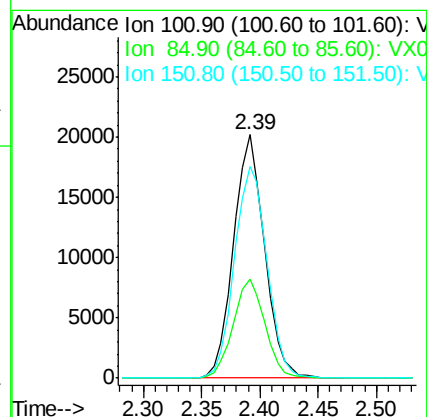
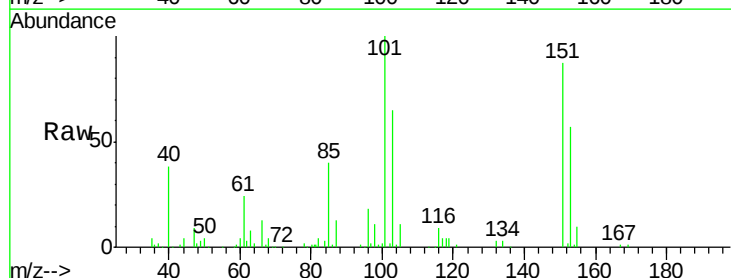
Tgt Ion:101 Resp: 37552

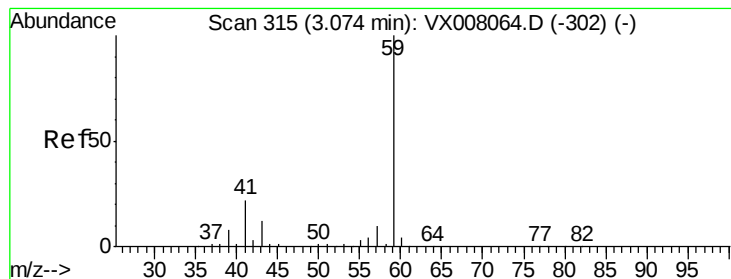
Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.6

151 90.8 69.1 103.7



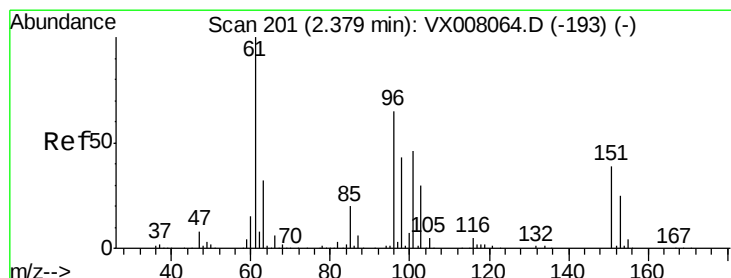
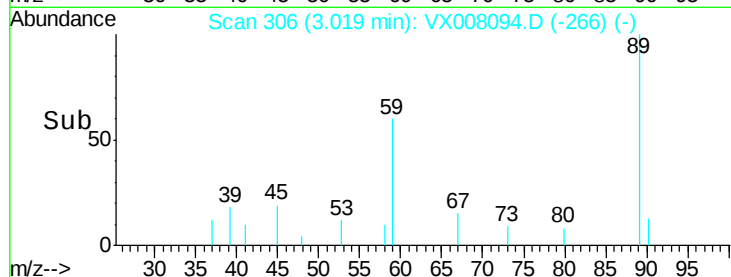
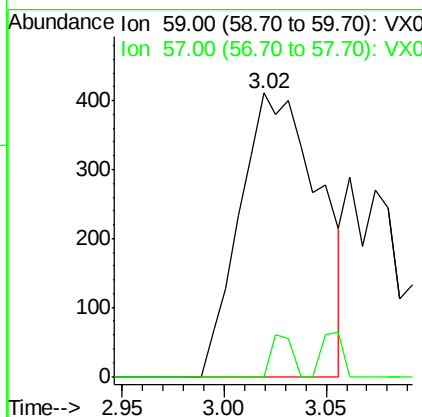
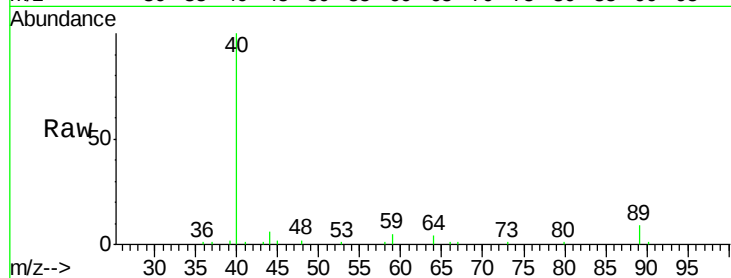


#11

Tert butyl alcohol
 Concen: 1.936 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20190307

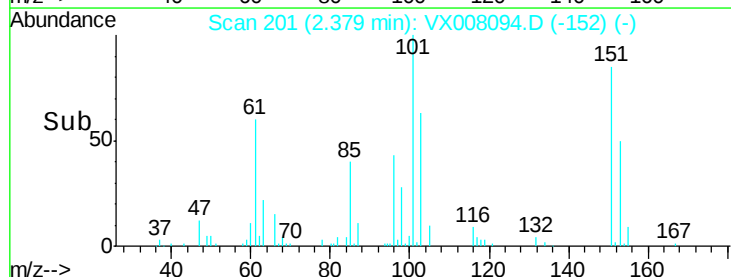
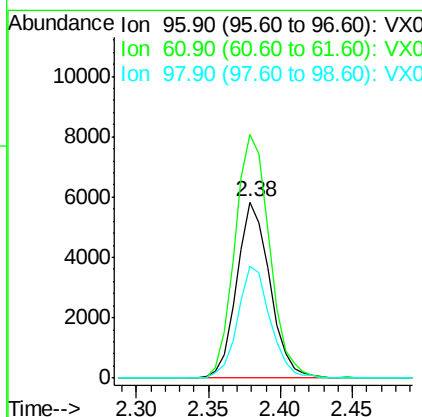
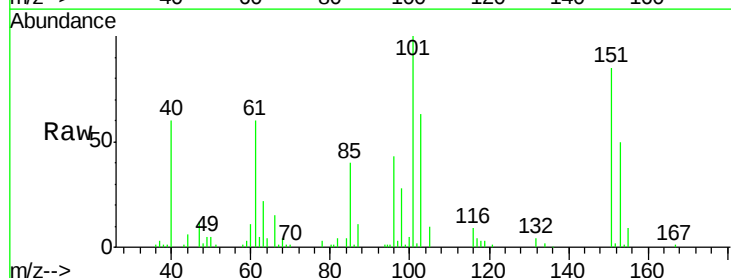
Tot Ion: 59 Resp: 1109
 Ion Ratio Lower Upper
 59 100
 57 3.8 8.2 12.2#

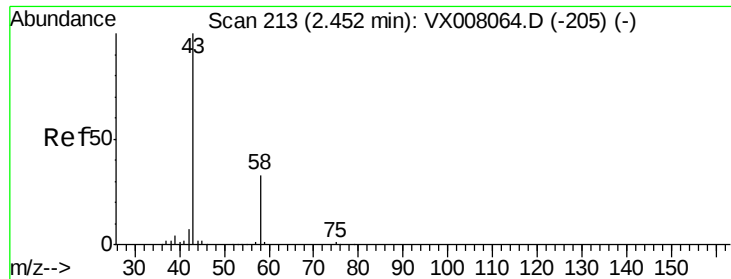


#12

1,1-Dichloroethene
 Concen: 4.178 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

Tgt Ion: 96 Resp: 9361
 Ion Ratio Lower Upper
 96 100
 61 138.5 129.8 194.6
 98 63.6 51.0 76.6





#16

Acetone

Concen: 1.683 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

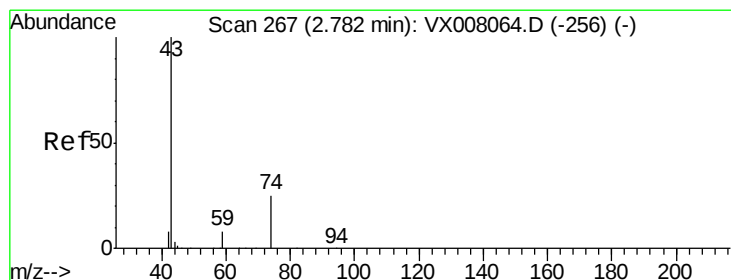
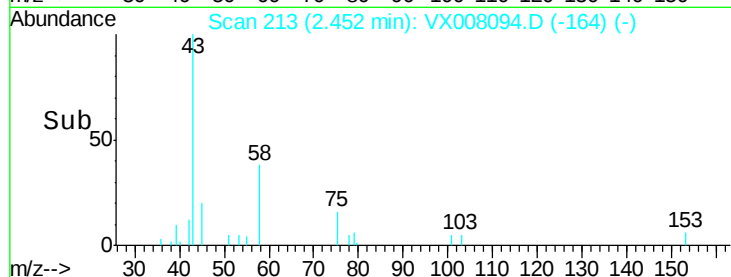
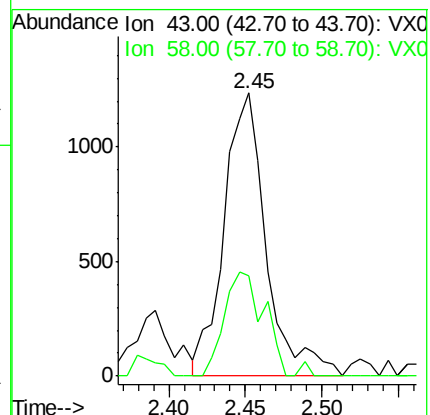
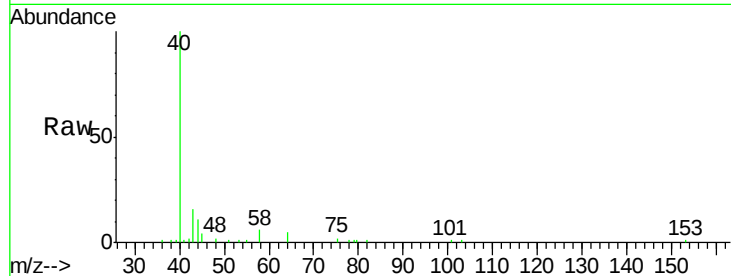
TT101D1-20190307

Tot Ion: 43 Resp: 2356

Ion Ratio Lower Upper

43 100

58 35.6 25.5 38.3



#18

Methyl Acetate

Concen: 0.237 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX008094.D

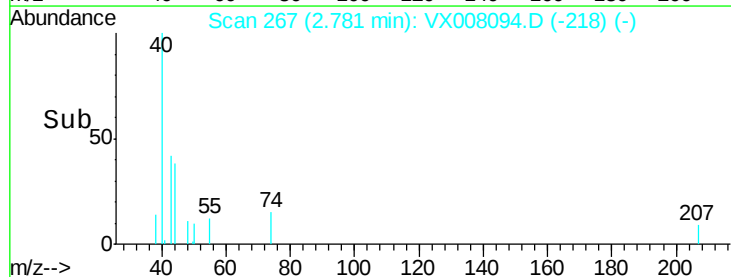
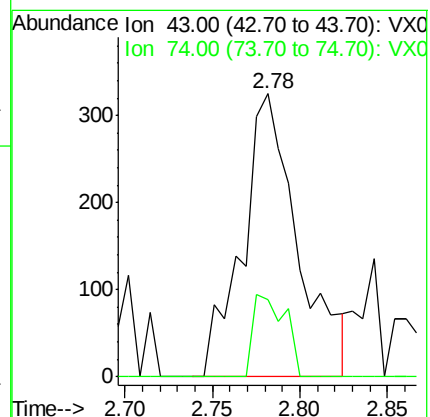
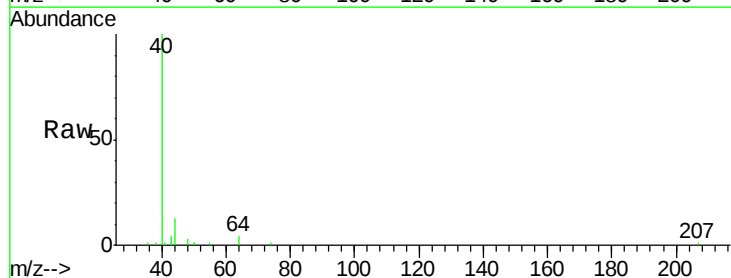
Acq: 15 Mar 2019 02:26

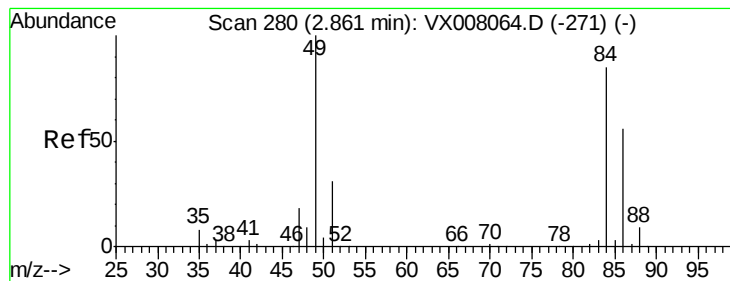
Tgt Ion: 43 Resp: 718

Ion Ratio Lower Upper

43 100

74 16.4 17.8 26.6#





#20

Methylene Chloride

Concen: 0.255 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

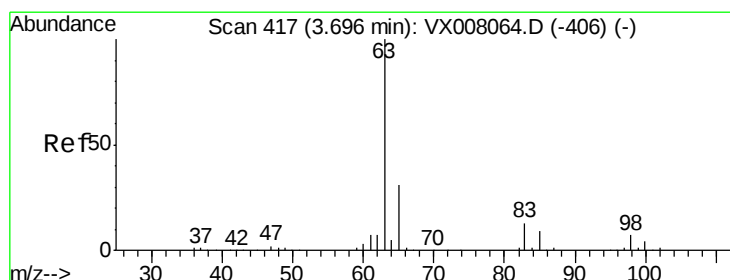
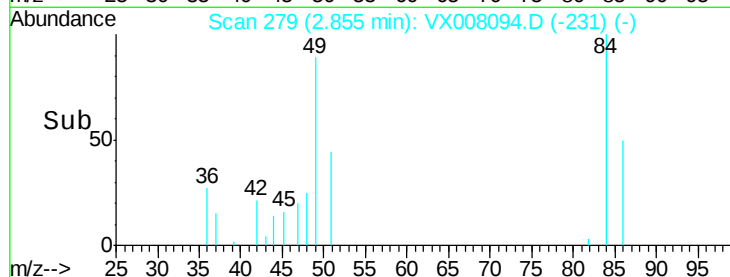
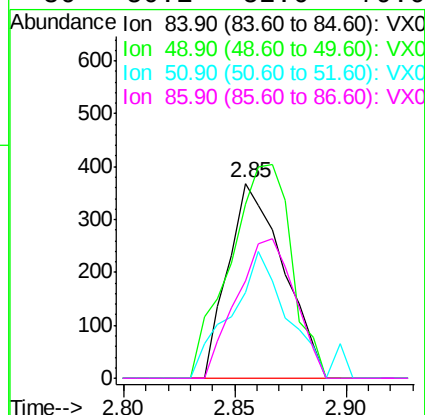
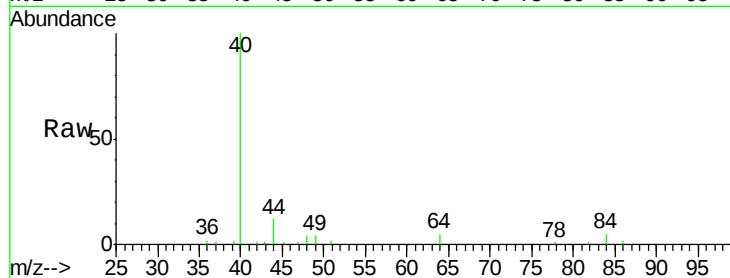
Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tot Ion: 84 Resp: 638

Ion	Ratio	Lower	Upper
84	100		
49	88.9	99.3	148.9#
51	44.2	31.3	46.9
86	50.1	52.6	79.0#



#24

1,1-Dichloroethane

Concen: 1.137 ug/l

RT: 3.70 min Scan# 418

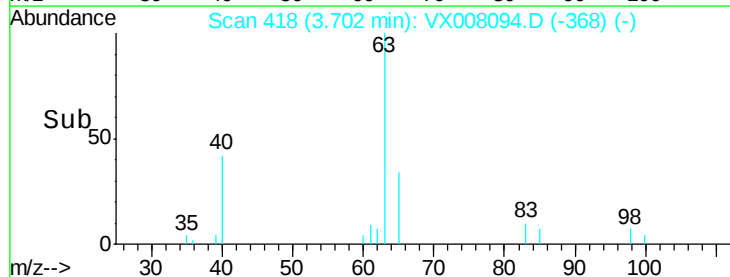
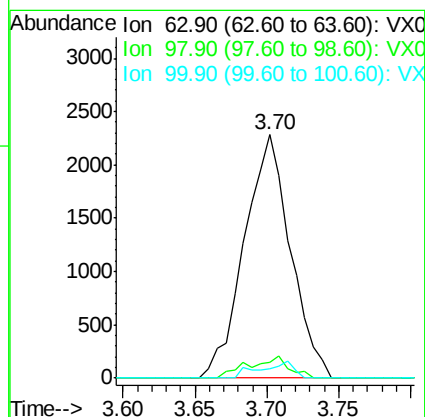
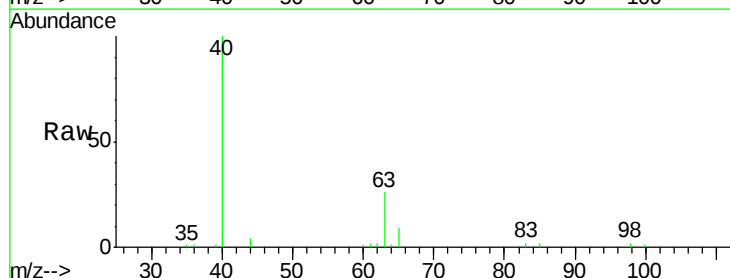
Delta R.T. 0.01 min

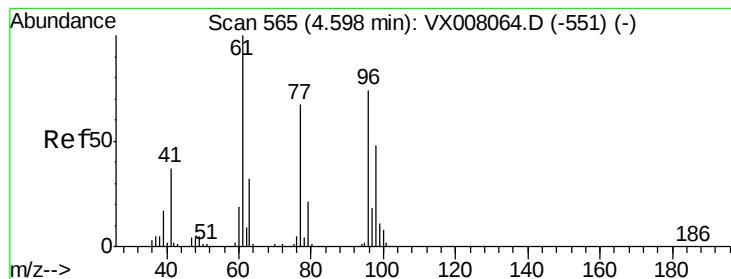
Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Tgt Ion: 63 Resp: 5053

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.8
100	3.9	2.3	6.8





#27

cis-1,2-Dichloroethene

Concen: 2.002 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

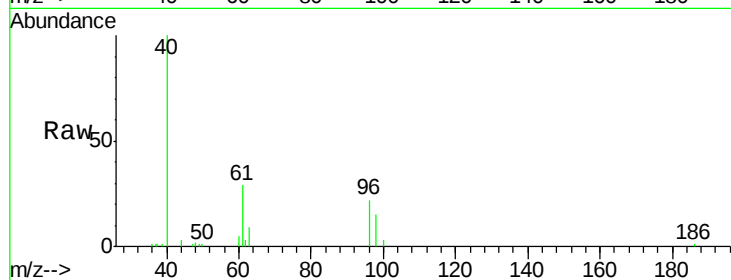
Tot Ion: 96 Resp: 5744

Ion Ratio Lower Upper

96 100

61 130.8 0.0 288.0

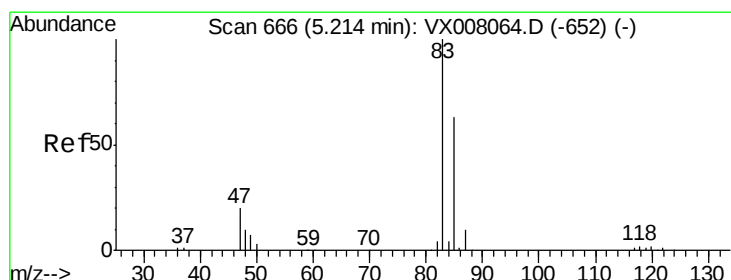
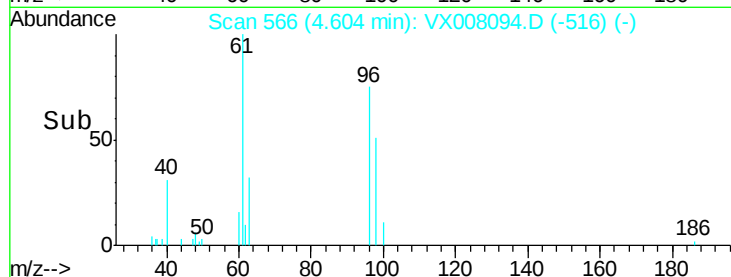
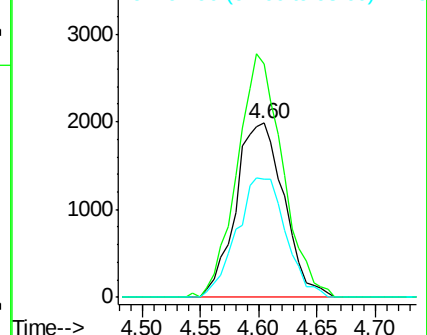
98 69.6 0.0 129.0



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



#30

Chloroform

Concen: 0.804 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX008094.D

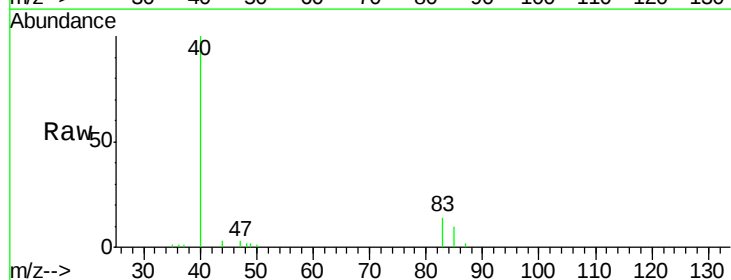
Acq: 15 Mar 2019 02:26

Tgt Ion: 83 Resp: 3621

Ion Ratio Lower Upper

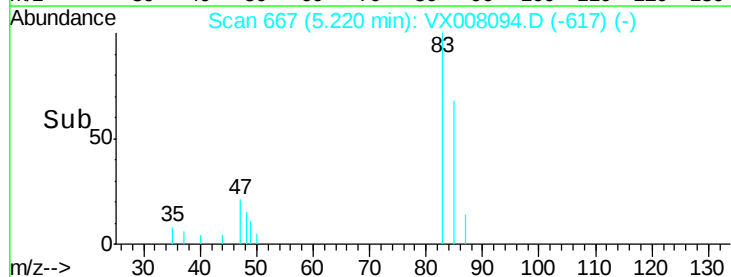
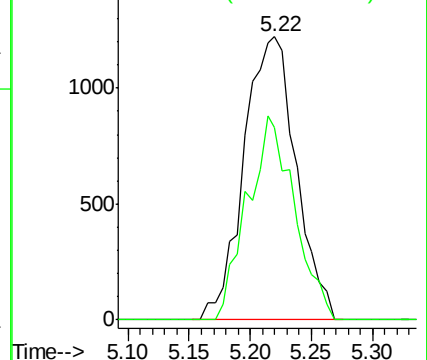
83 100

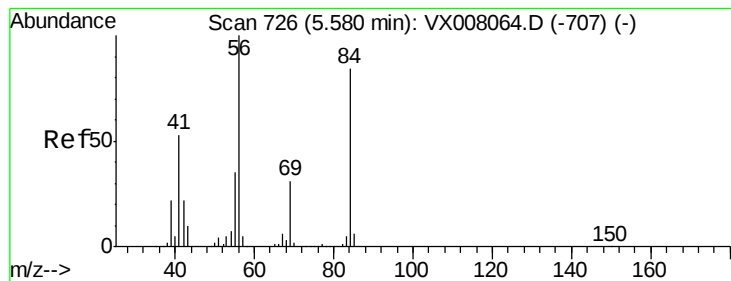
85 68.0 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.026 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

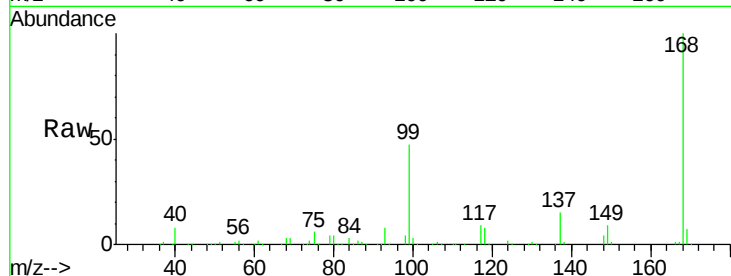
Tot Ion: 56 Resp: 4347

Ion Ratio Lower Upper

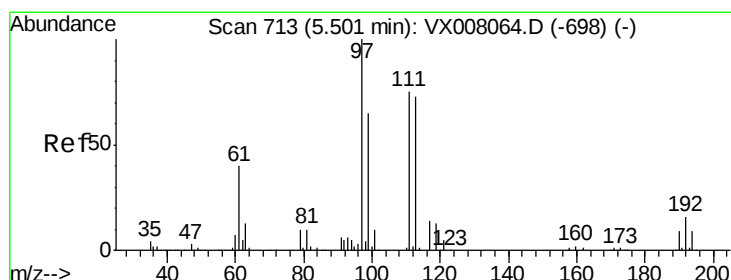
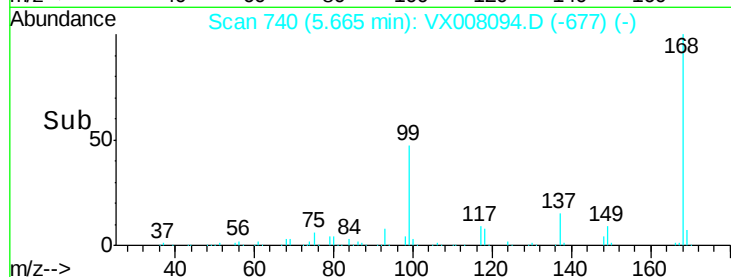
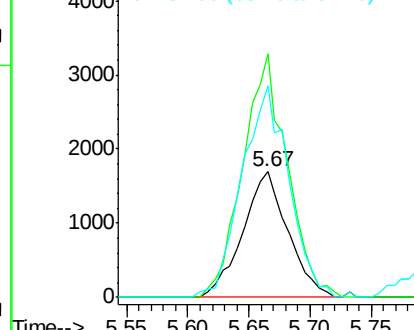
56 100

69 194.0 24.0 36.0#

84 168.3 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: 0.519 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

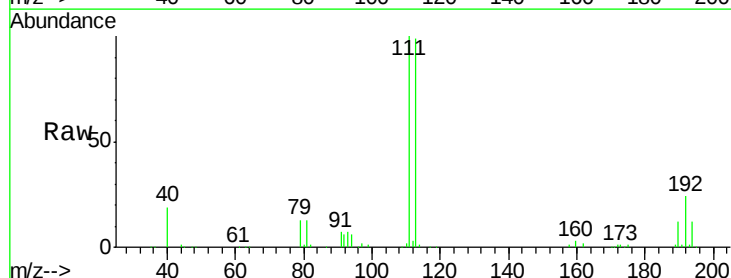
Tgt Ion: 97 Resp: 1968

Ion Ratio Lower Upper

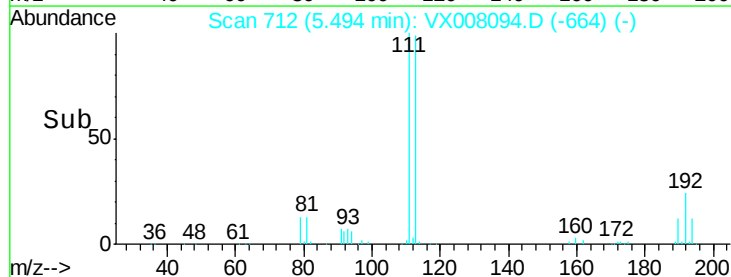
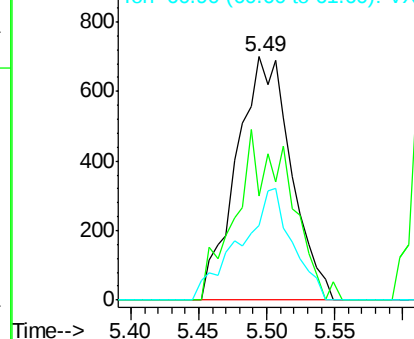
97 100

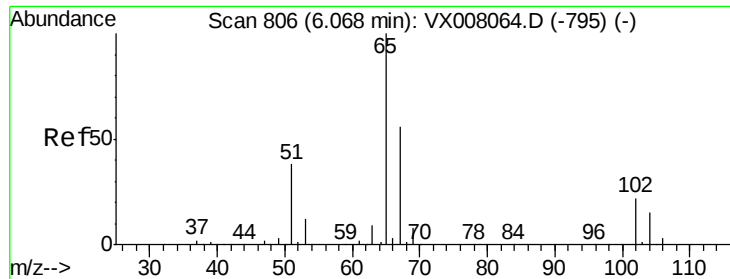
99 0.0 52.2 78.2#

61 43.7 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

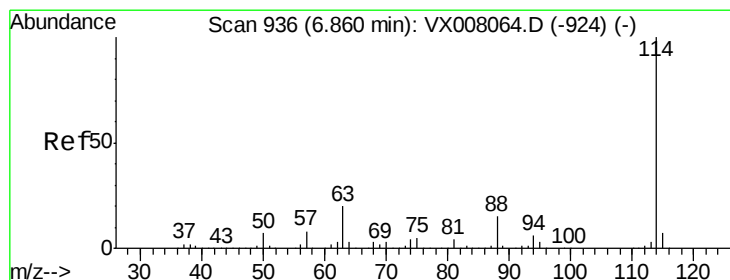
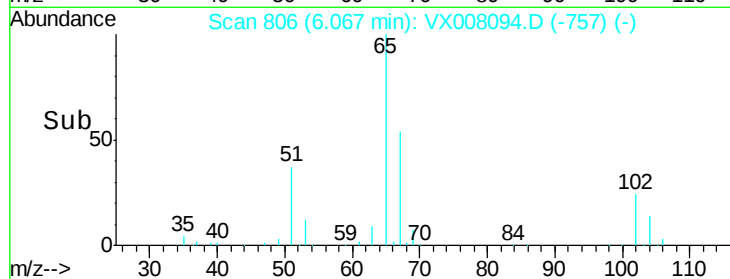
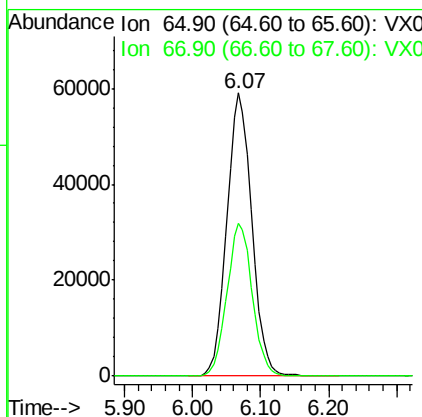
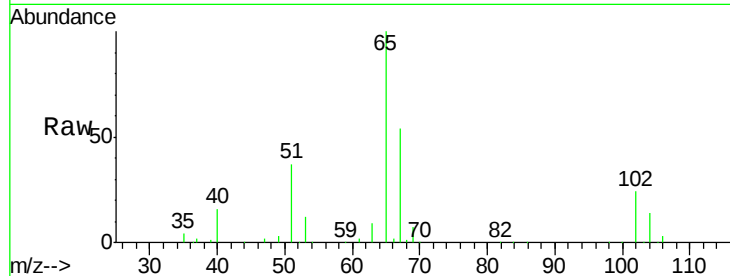




#33
 1,2-Dichloroethane-d4
 Concen: 50.725 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

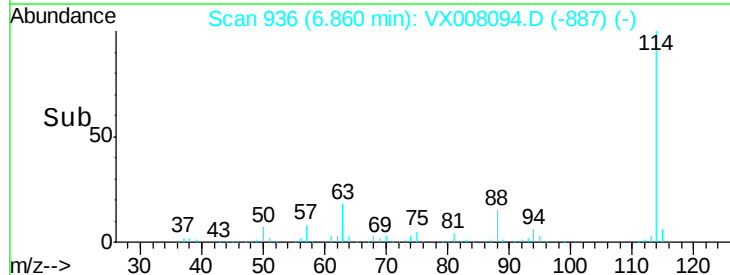
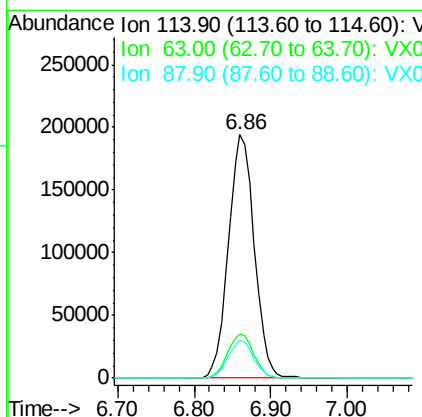
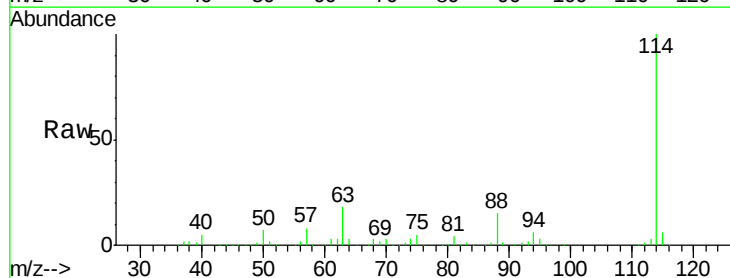
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20190307

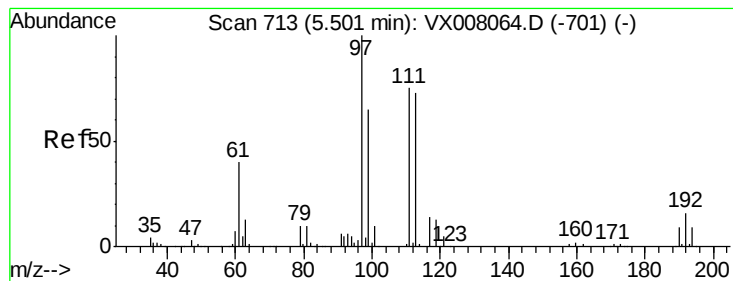
Tot Ion: 65 Resp: 150375
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

Tgt Ion: 114 Resp: 454170
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.493 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

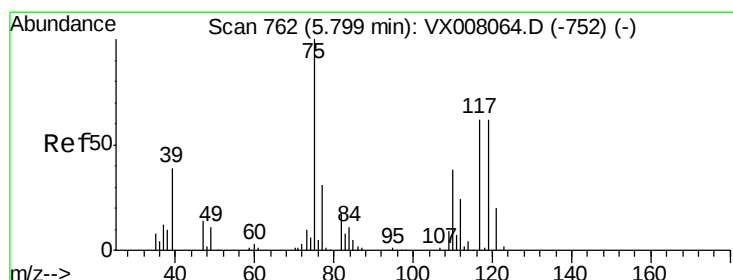
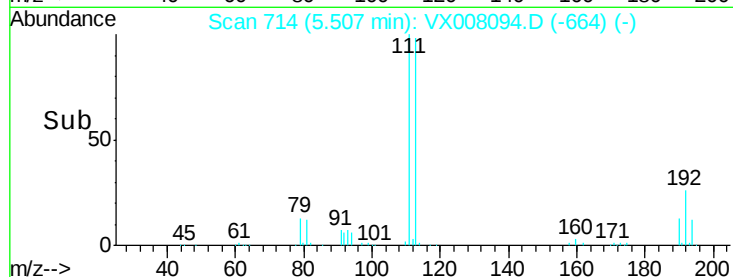
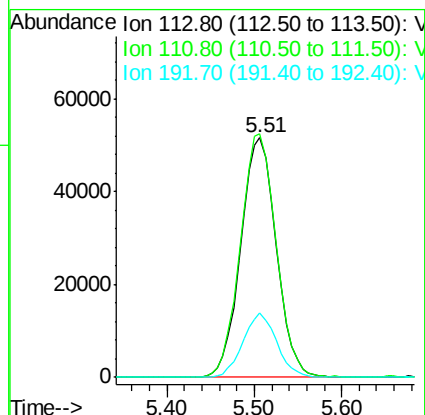
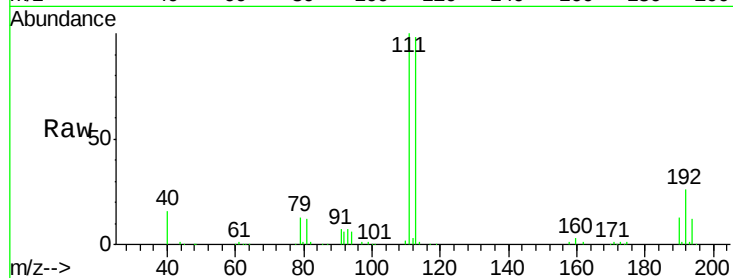
Tot Ion:113 Resp: 145424

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 25.5 19.4 29.0



#36

1,1-Dichloropropene

Concen: 4.612 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

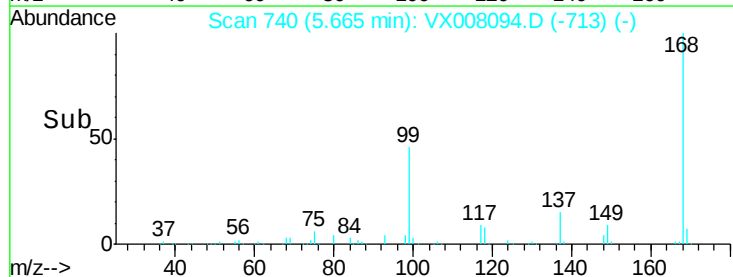
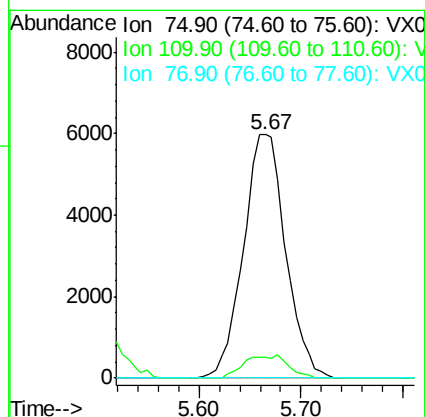
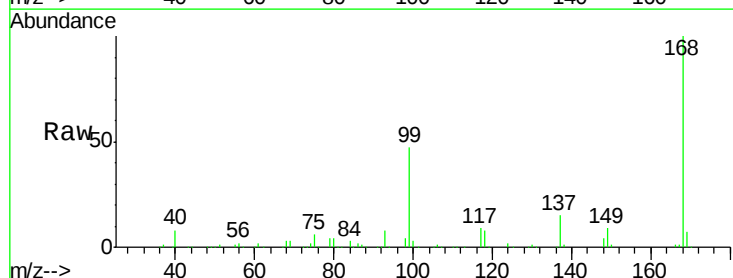
Tgt Ion: 75 Resp: 17233

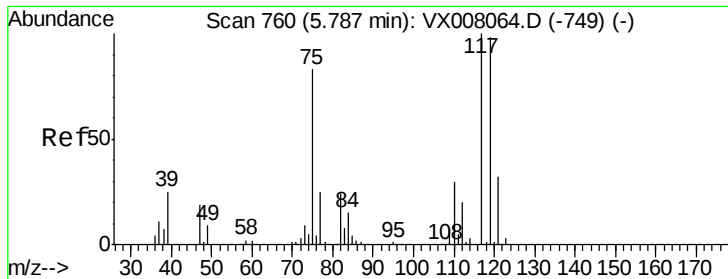
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.0#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 1.416 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

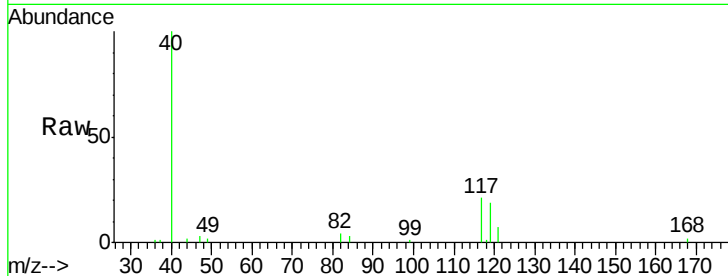
Tot Ion:117 Resp: 5093

Ion Ratio Lower Upper

117 100

119 92.6 76.2 114.2

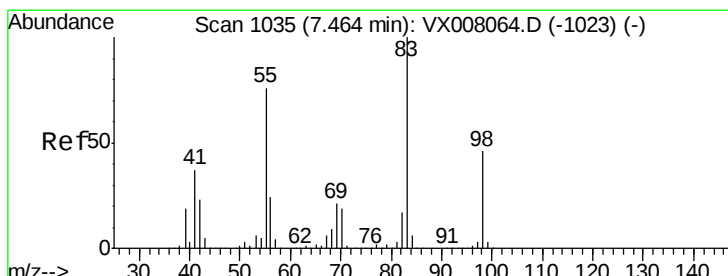
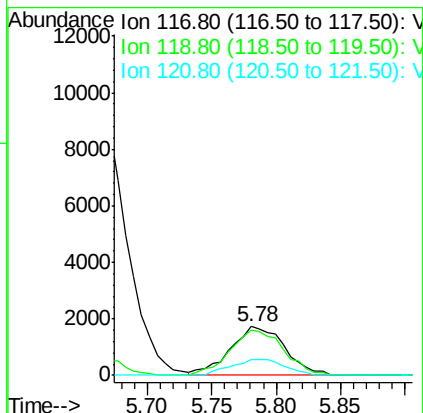
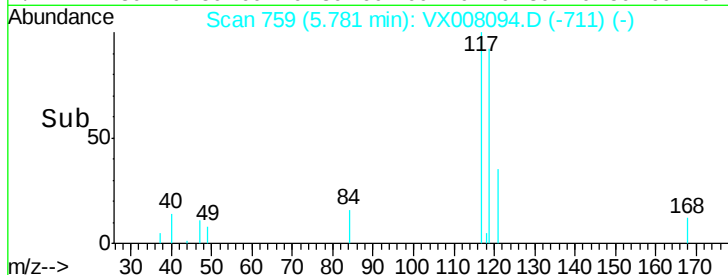
121 32.1 24.6 36.8



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: 1.495 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.25 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

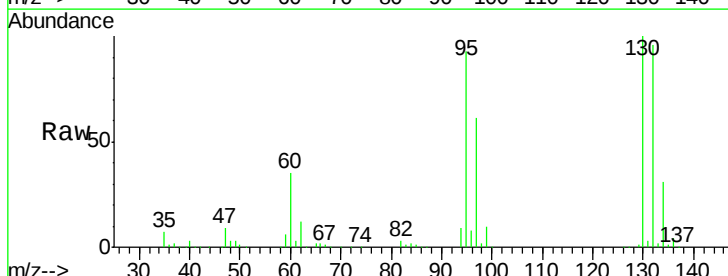
Tgt Ion: 83 Resp: 7139

Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

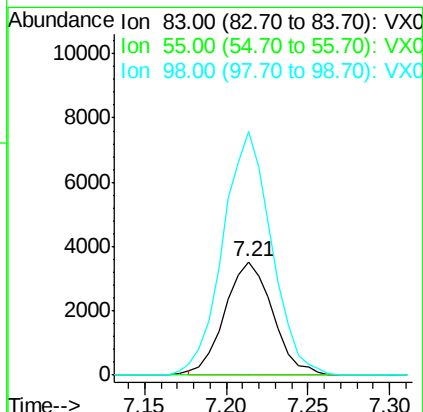
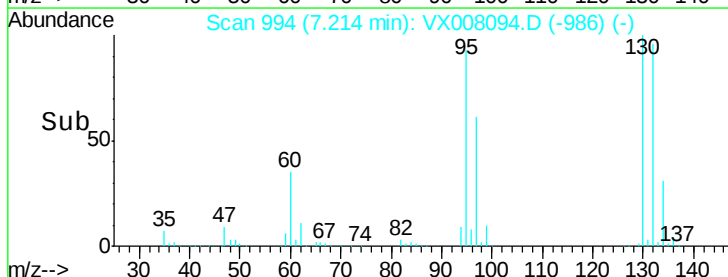
98 215.2 36.5 54.7#

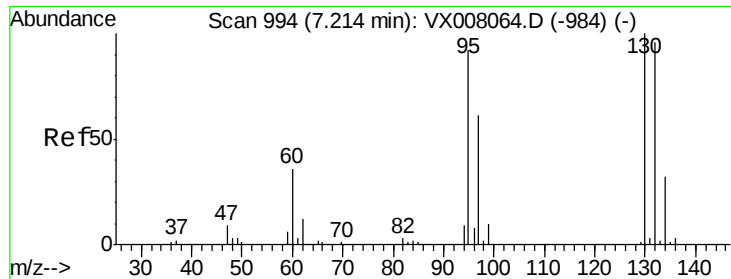


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 213.766 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

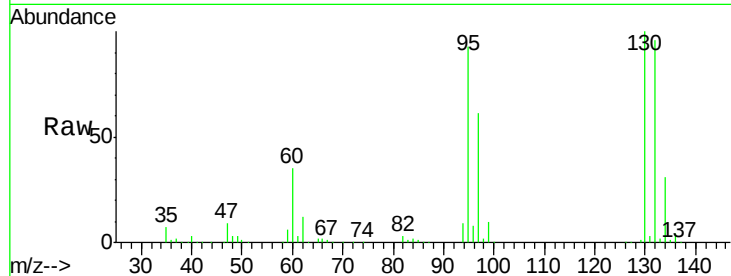
TT101D1-20190307

Tot Ion:130 Resp: 706159

Ion Ratio Lower Upper

130 100

95 93.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

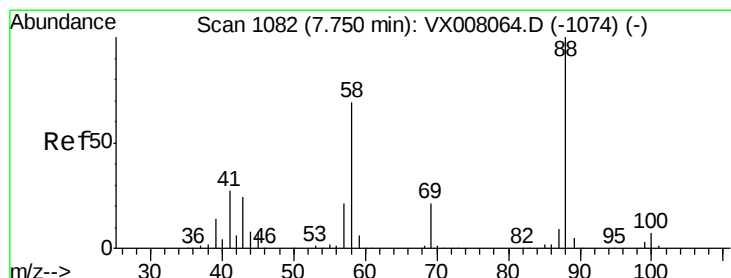
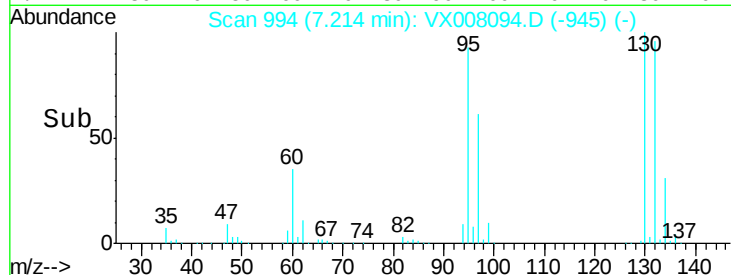
300000

200000

100000

0

Time-->



#49

1,4-Dioxane

Concen: 17.928 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

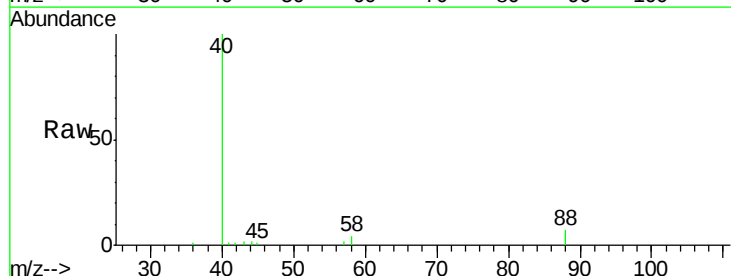
Tgt Ion: 88 Resp: 1306

Ion Ratio Lower Upper

88 100

43 33.7 25.1 37.7

58 65.5 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

800

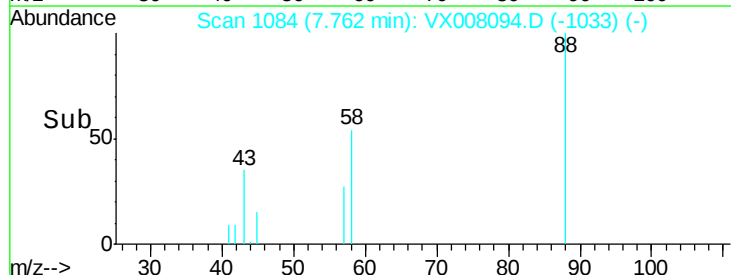
600

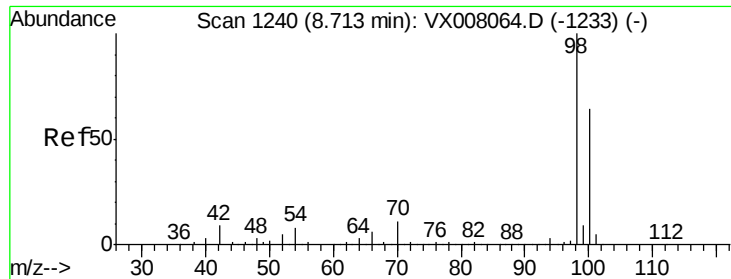
400

200

0

Time-->

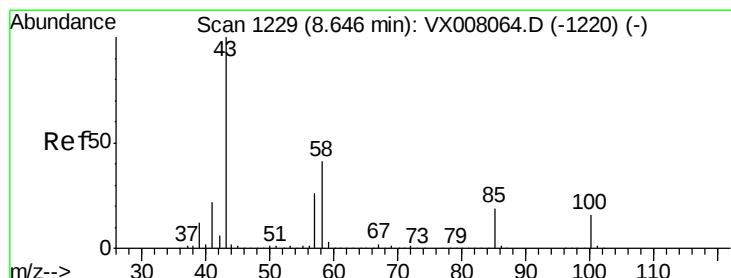
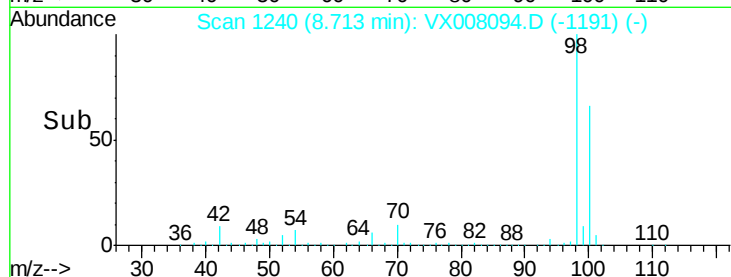
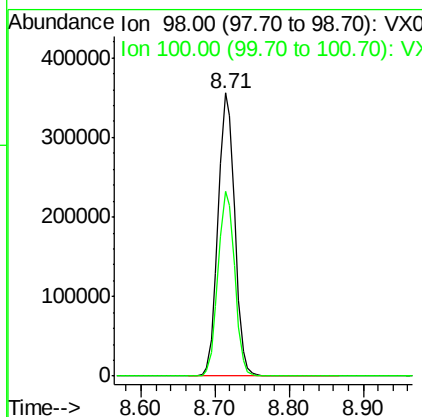
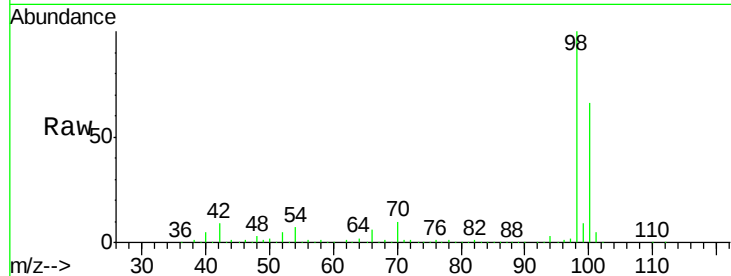




#50
Toluene-d8
Concen: 50.035 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

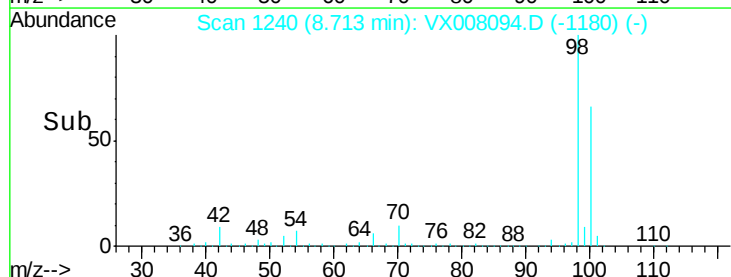
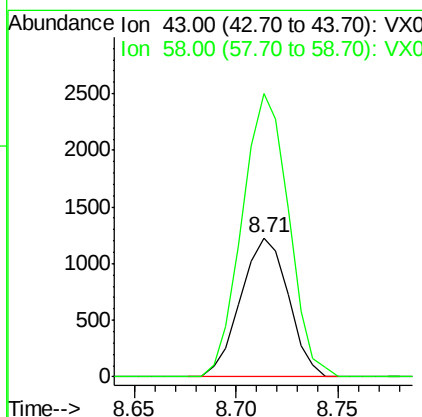
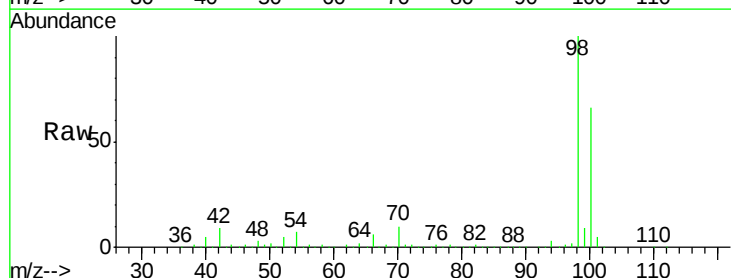
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

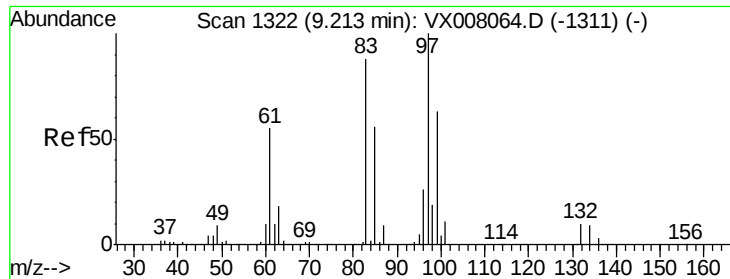
Tot Ion: 98 Resp: 548073
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 199.2 31.3 46.9#





#55

1,1,2-Trichloroethane

Concen: 0.549 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

Tot Ion: 97 Resp: 1625

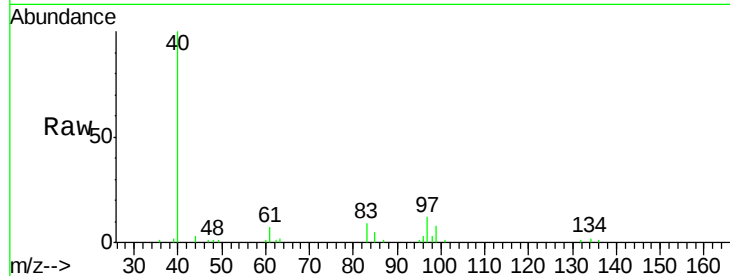
Ion Ratio Lower Upper

97 100

83 73.4 69.1 103.7

85 42.8 44.3 66.5#

99 69.1 49.8 74.8

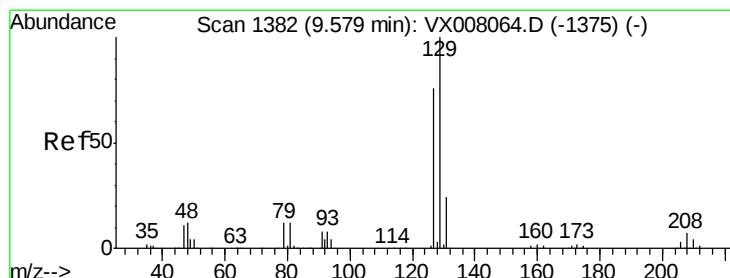
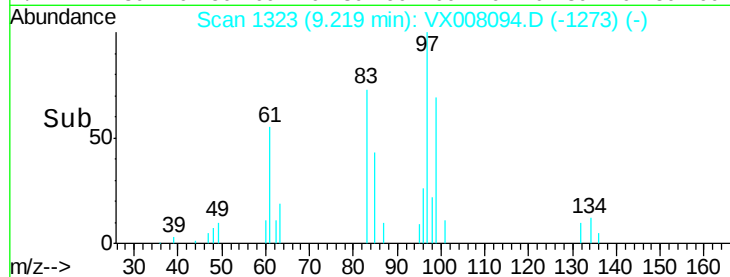
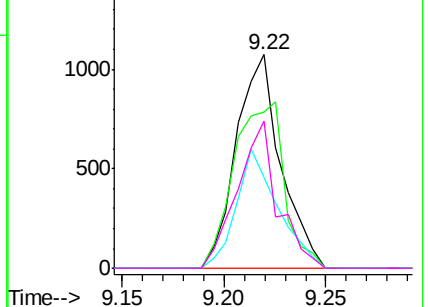


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.277 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX008094.D

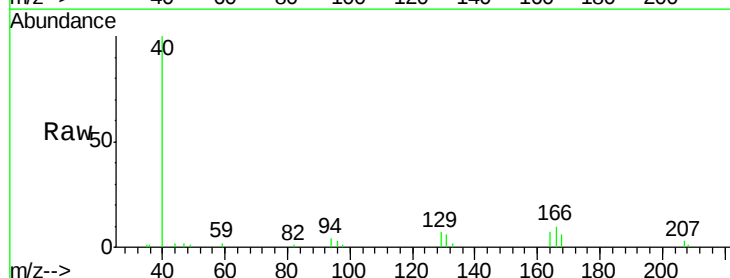
Acq: 15 Mar 2019 02:26

Tgt Ion: 129 Resp: 845

Ion Ratio Lower Upper

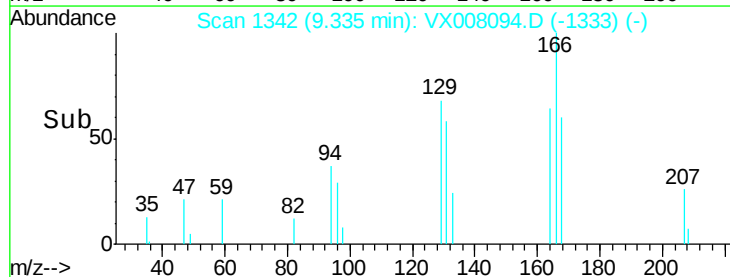
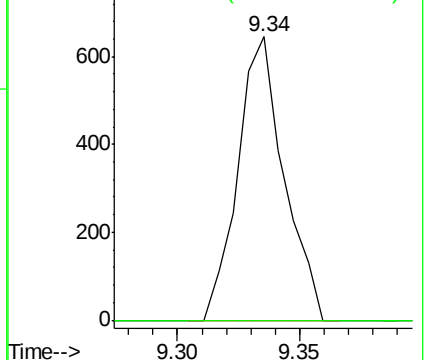
129 100

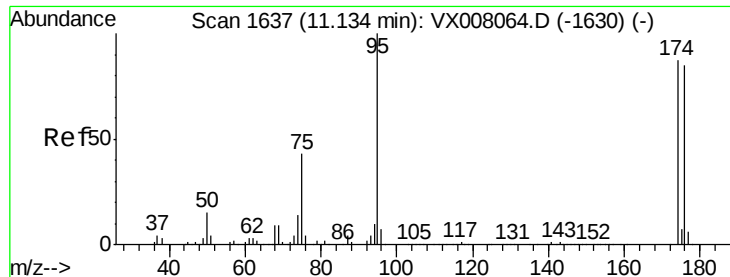
127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 51.313 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

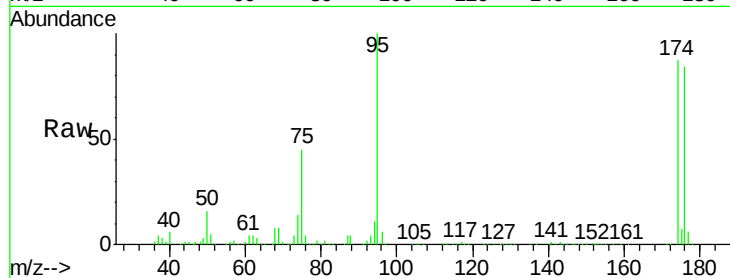
Tot Ion: 95 Resp: 201355

Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.8

176 92.3 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008094.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008094.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008094.D (-1588) (-)

11.13

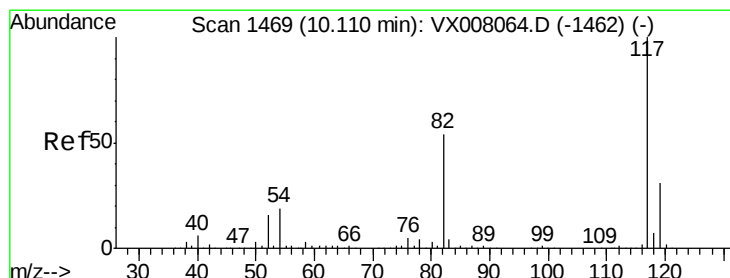
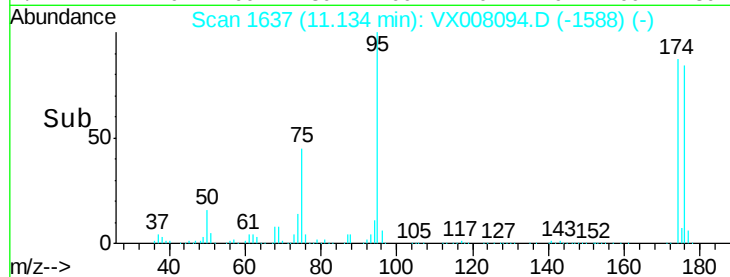
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

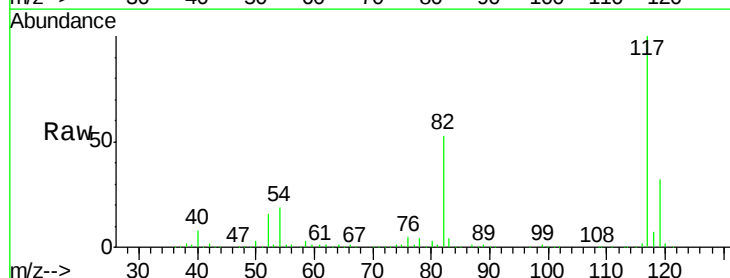
Tgt Ion: 117 Resp: 428096

Ion Ratio Lower Upper

117 100

82 53.0 44.3 66.5

119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX008094.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008094.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008094.D (-1420) (-)

10.11

400000

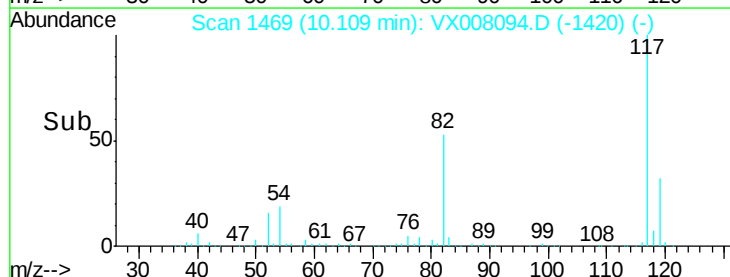
300000

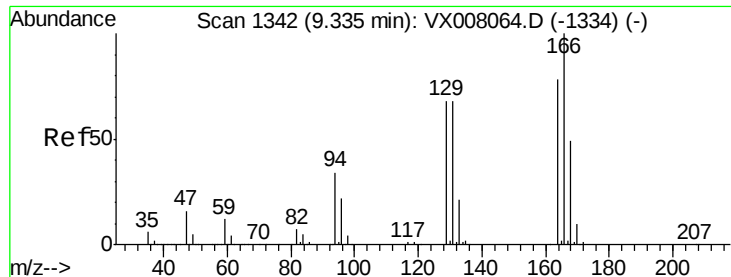
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 0.263 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

Tot Ion:164 Resp: 913

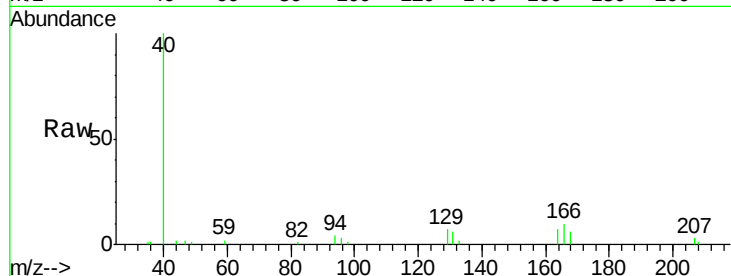
Ion Ratio Lower Upper

164 100

166 156.7 103.4 155.0#

129 105.9 72.2 108.4

131 91.5 69.4 104.2

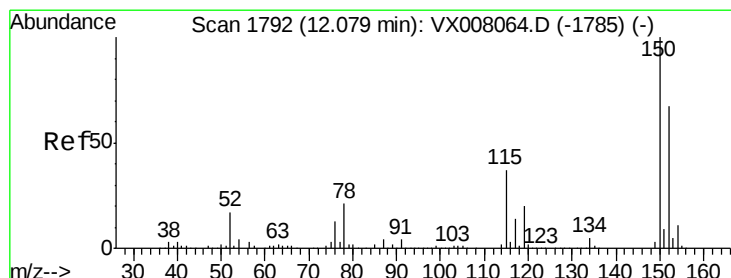
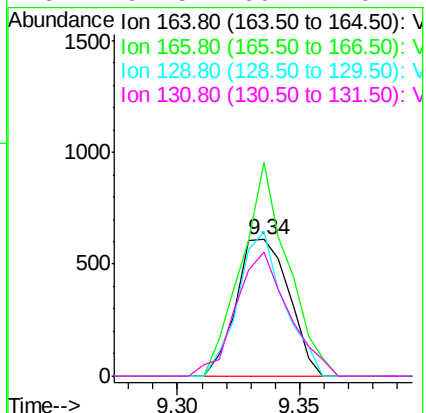
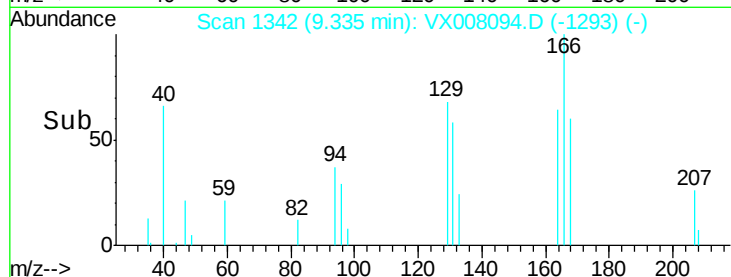


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008094.D

Acq: 15 Mar 2019 02:26

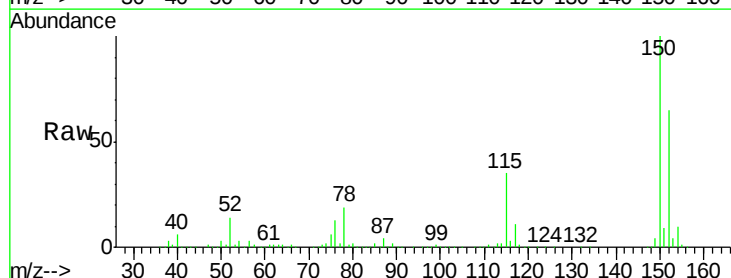
Tgt Ion:152 Resp: 211742

Ion Ratio Lower Upper

152 100

115 54.9 38.6 115.7

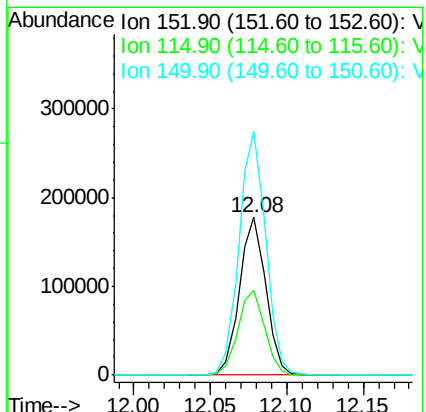
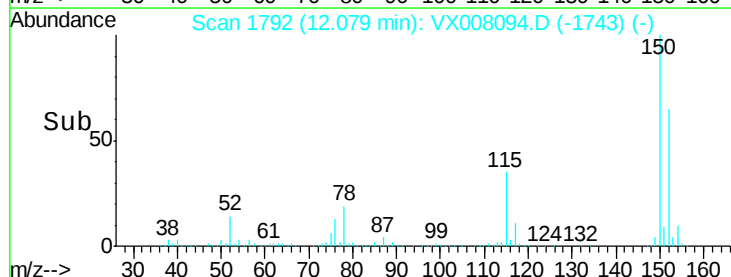
150 156.7 0.0 348.4

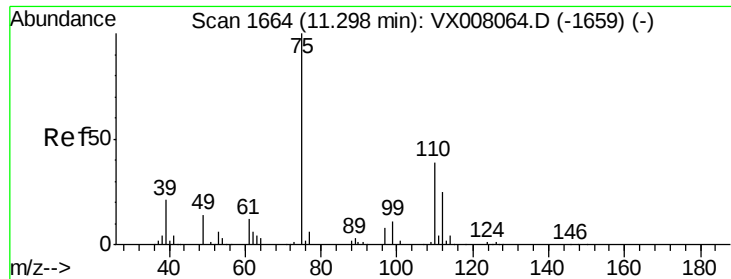


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

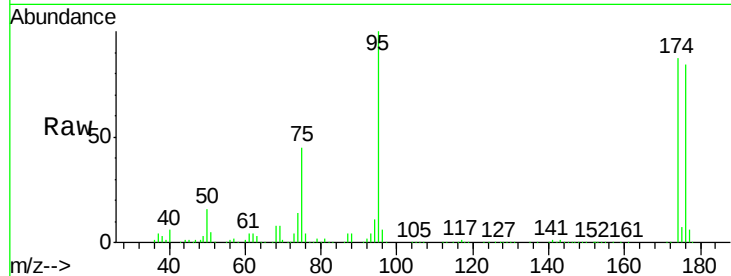
TT101D1-20190307

Tot Ion: 75 Resp: 90028

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

11.13

80000

60000

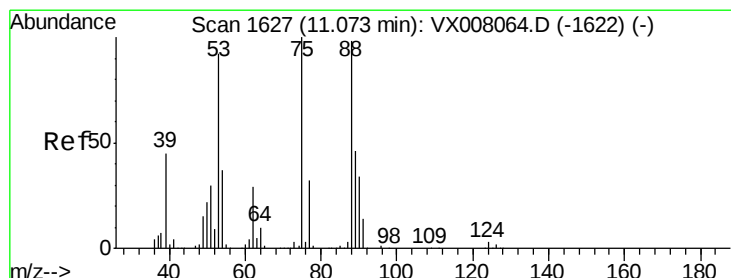
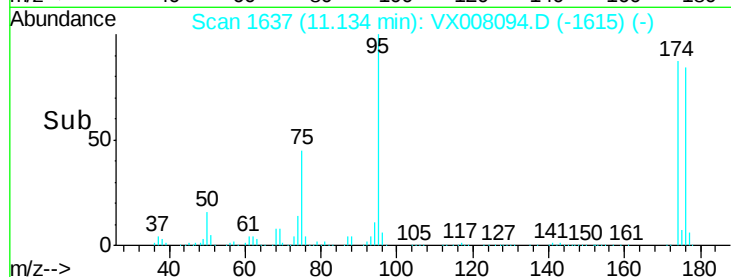
40000

20000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 69.666 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

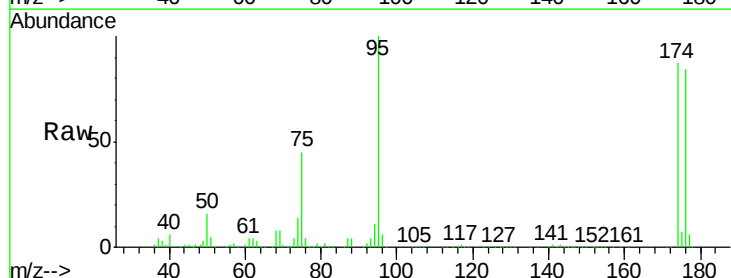
Tgt Ion: 75 Resp: 90028

Ion Ratio Lower Upper

75 100

53 0.0 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

100000

80000

60000

40000

20000

0

Time-->

11.10 11.20

