

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008093.D
 Acq On : 15 Mar 2019 02:00
 Operator : JC/SP
 Sample : K1839-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20190307

Quant Time: Mar 15 05:33:42 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

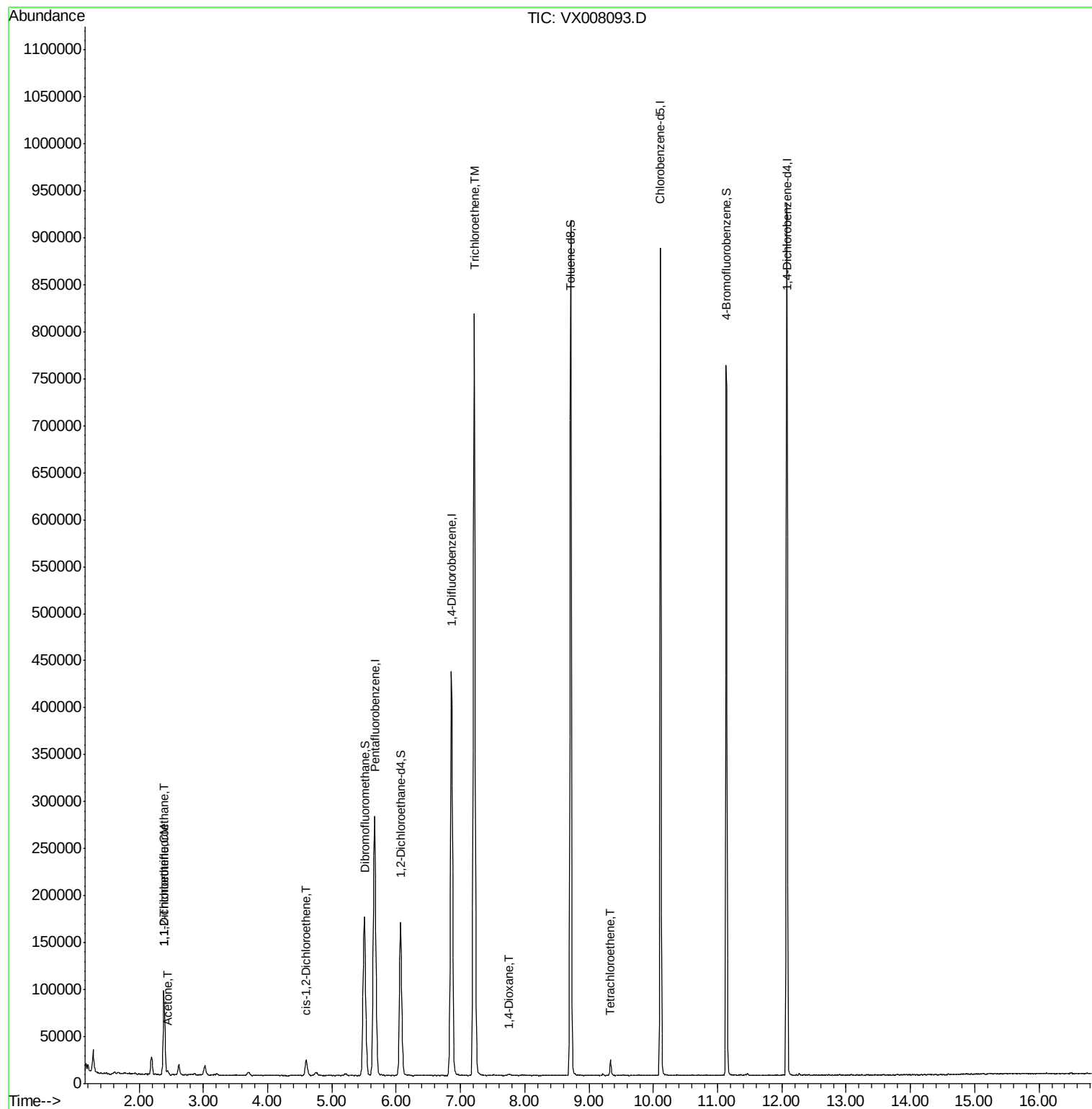
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	430673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149614	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	5.51	113	144134	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	8.71	98	544877	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	199821	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31740	13.254	ug/l	96
12) 1,1-Dichloroethene	2.38	96	6659	2.942	ug/l	86
16) Acetone	2.45	43	3585	2.536	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	10419	3.594	ug/l	88
44) Trichloroethene	7.21	130	340075	103.183	ug/l	99
49) 1,4-Dioxane	7.76	88	1326	18.244	ug/l	96
64) Tetrachloroethene	9.34	164	3557	1.019	ug/l #	88

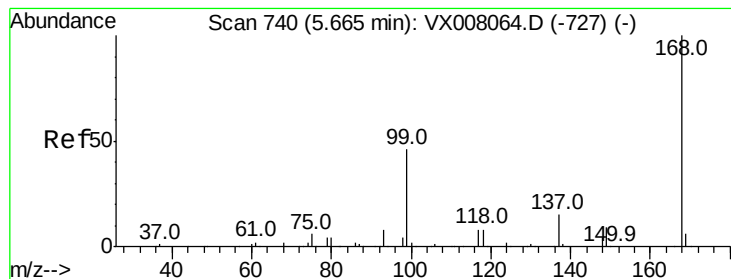
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031419\
Data File : VX008093.D
Acq On : 15 Mar 2019 02:00
Operator : JC/SP
Sample : K1839-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Quant Time: Mar 15 05:33:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
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: VX008093.D

Acq: 15 Mar 2019 02:00

Instrument :

MSVOA_X

ClientSampleId :

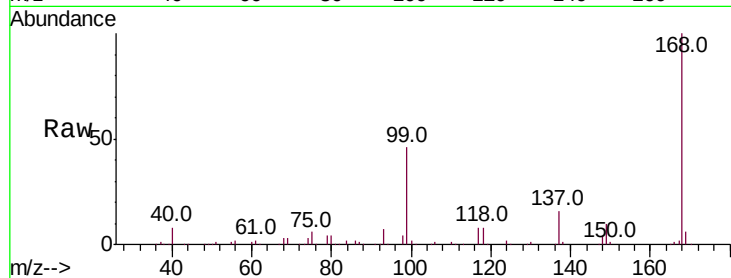
TT101D-20190307

Tot Ion:168 Resp: 296866

Ion Ratio Lower Upper

168 100

99 46.5 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

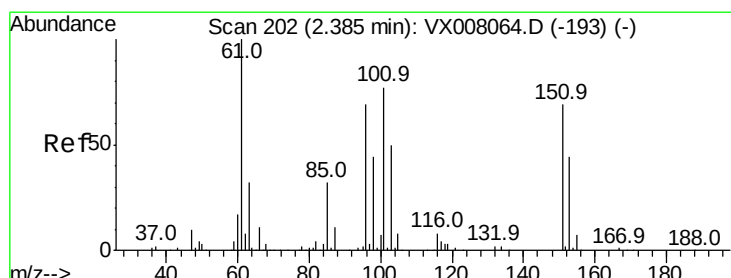
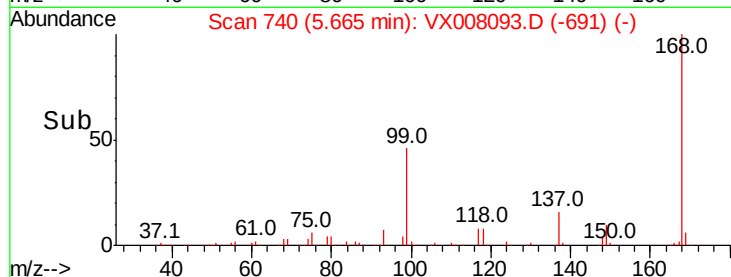
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.254 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008093.D

Acq: 15 Mar 2019 02:00

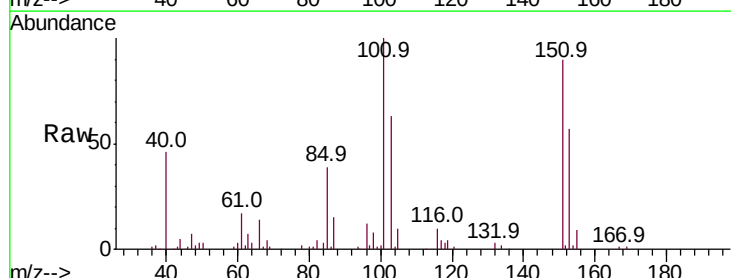
Tgt Ion:101 Resp: 31740

Ion Ratio Lower Upper

101 100

85 40.7 33.8 50.6

151 91.3 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

20000

15000

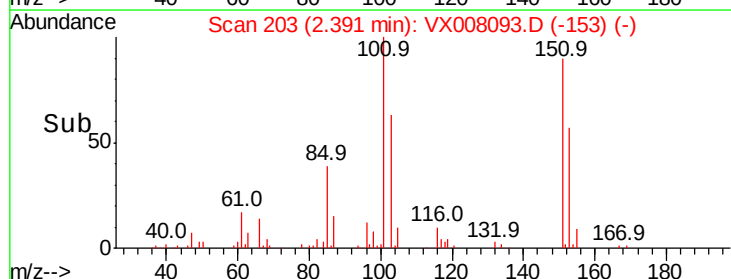
10000

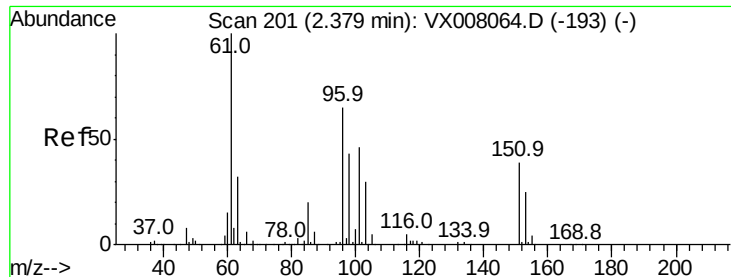
5000

0

Time-->

2.30 2.35 2.40 2.45 2.50

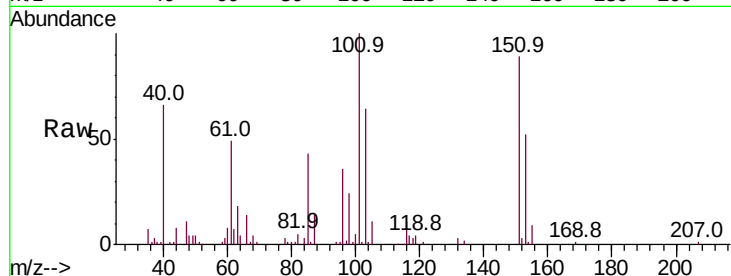




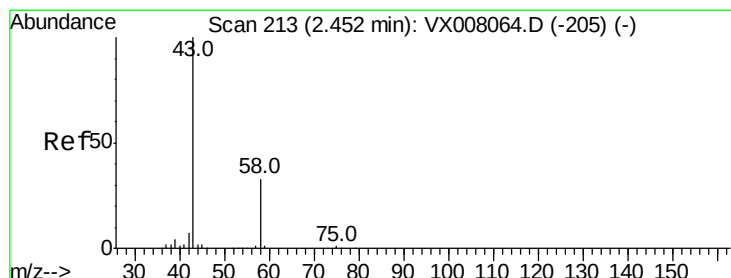
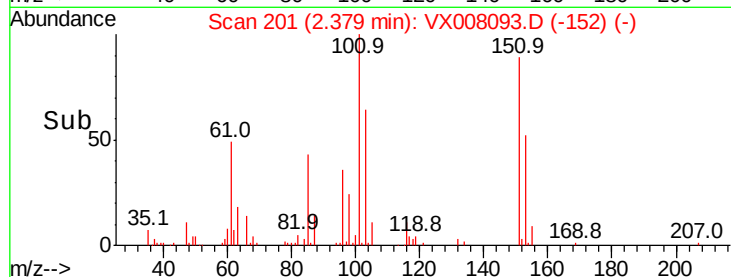
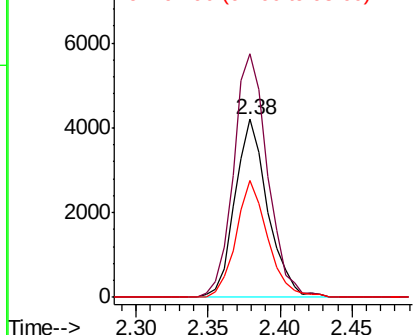
#12
 1,1-Dichloroethene
 Concen: 2.942 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX008093.D
 Acq: 15 Mar 2019 02:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20190307

Tot Ion: 96 Resp: 6659
 Ion Ratio Lower Upper
 96 100
 61 136.6 129.8 194.6
 98 65.4 51.0 76.6

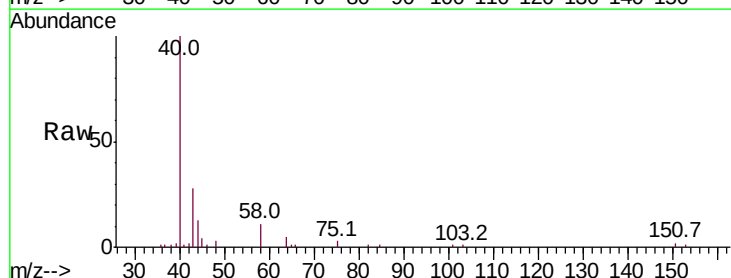


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

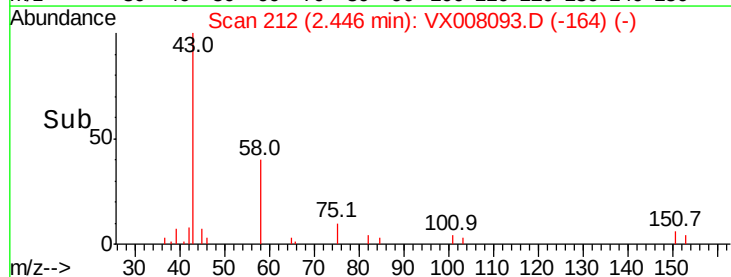
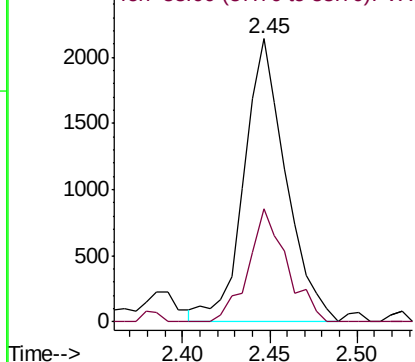


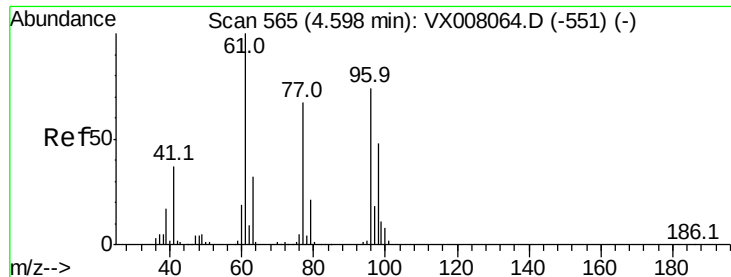
#16
 Acetone
 Concen: 2.536 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: VX008093.D
 Acq: 15 Mar 2019 02:00

Tgt Ion: 43 Resp: 3585
 Ion Ratio Lower Upper
 43 100
 58 40.0 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 3.594 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008093.D

Acq: 15 Mar 2019 02:00

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20190307

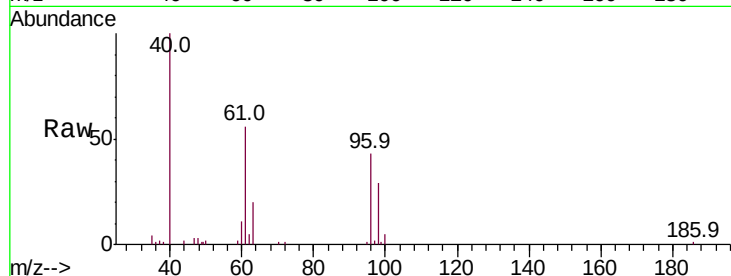
Tot Ion: 96 Resp: 10419

Ion Ratio Lower Upper

96 100

61 124.2 0.0 288.0

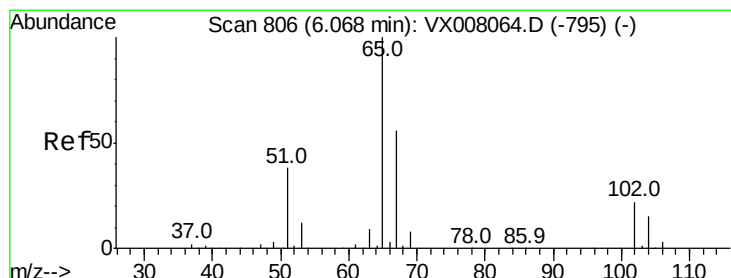
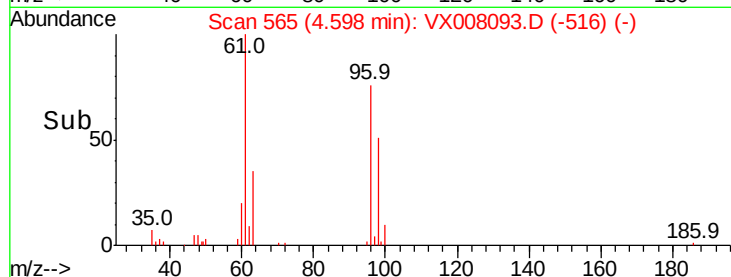
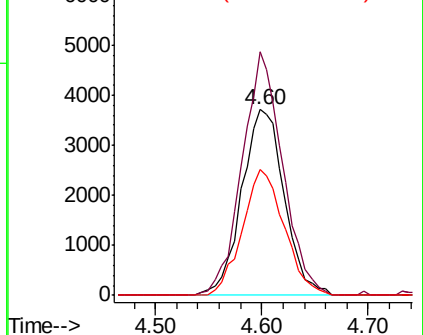
98 66.3 0.0 129.0



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



#33

1,2-Dichloroethane-d4

Concen: 49.961 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008093.D

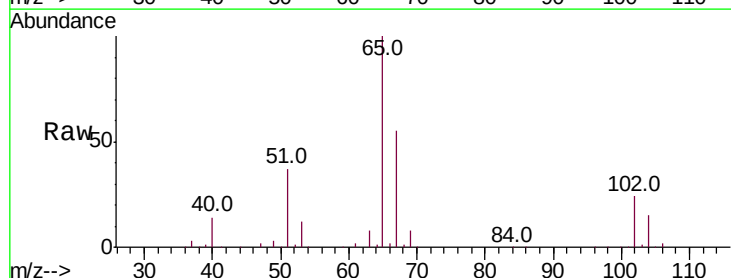
Acq: 15 Mar 2019 02:00

Tgt Ion: 65 Resp: 149614

Ion Ratio Lower Upper

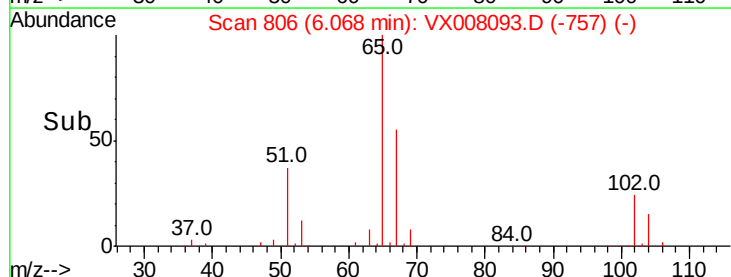
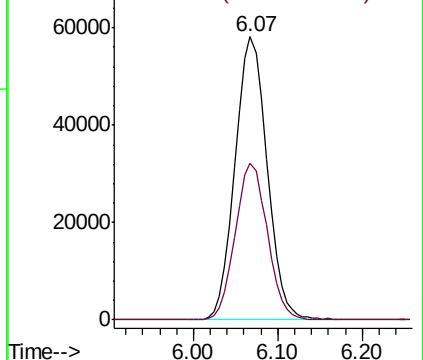
65 100

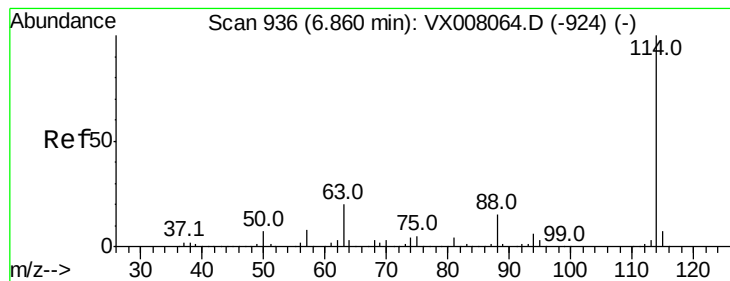
67 55.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008093.D

Acq: 15 Mar 2019 02:00

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20190307

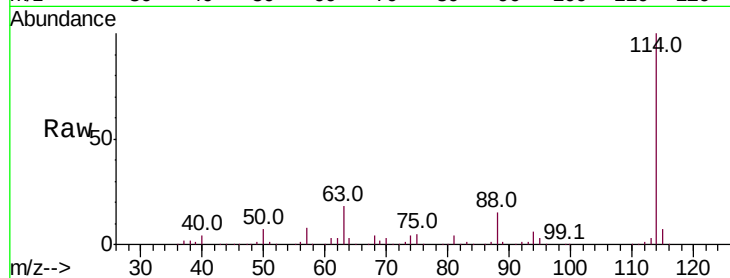
Tot Ion:114 Resp: 453127

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.8

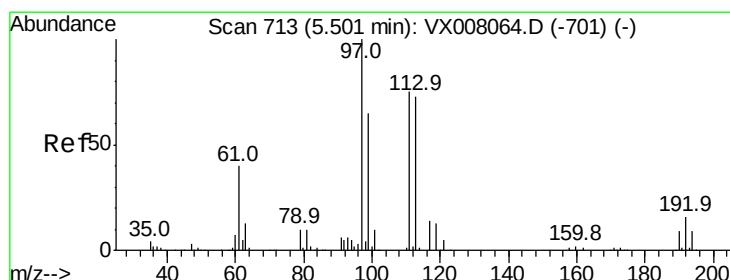
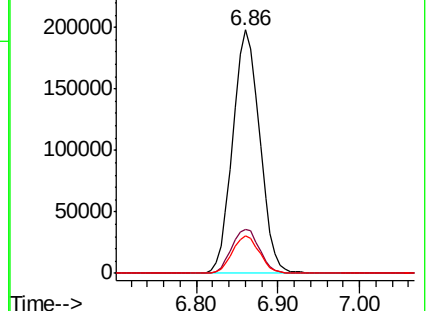
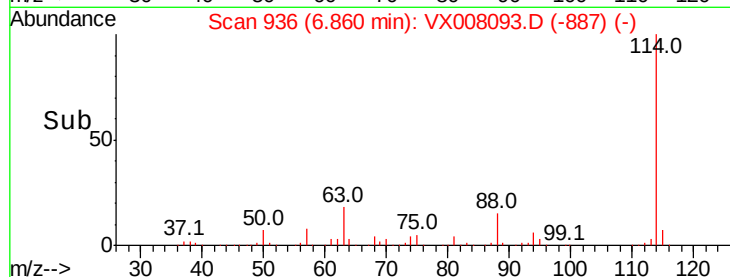
88 15.3 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 50.160 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008093.D

Acq: 15 Mar 2019 02:00

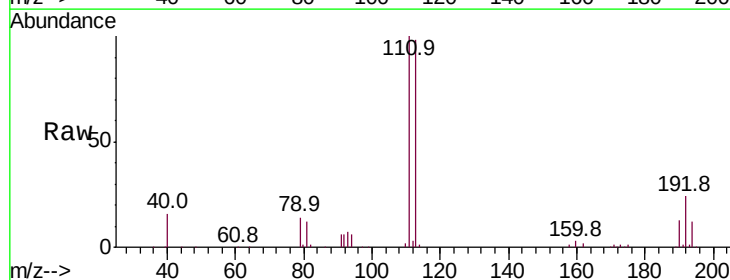
Tgt Ion:113 Resp: 144134

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

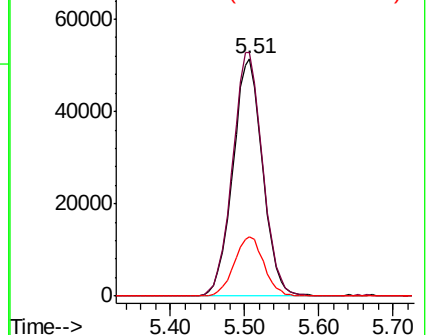
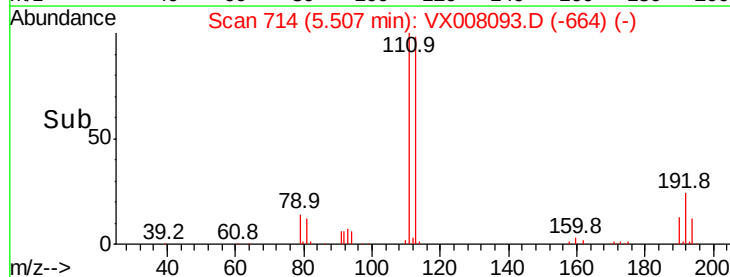
192 25.0 19.4 29.0

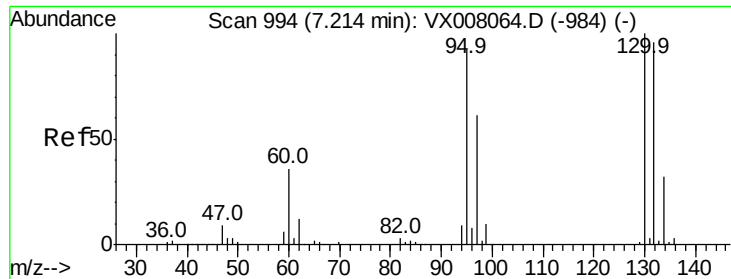


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 103.183 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008093.D

Acq: 15 Mar 2019 02:00

Instrument :

MSVOA_X

ClientSampleId :

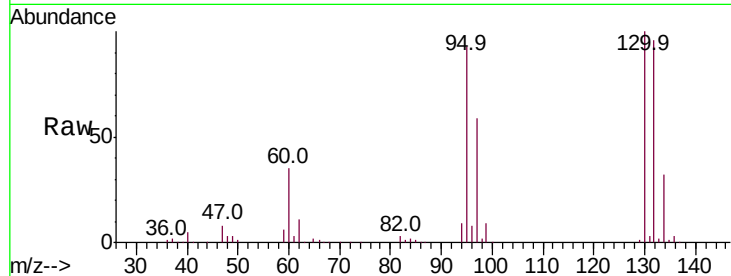
TT101D-20190307

Tot Ion:130 Resp: 340075

Ion Ratio Lower Upper

130 100

95 92.8 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

150000

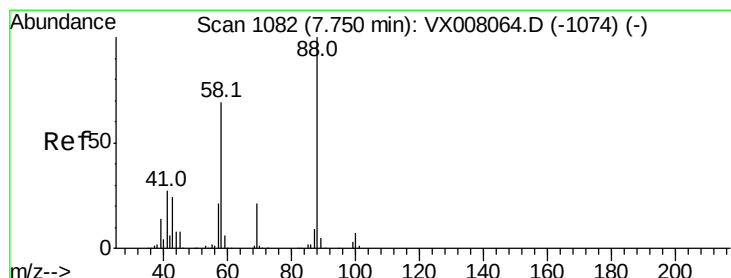
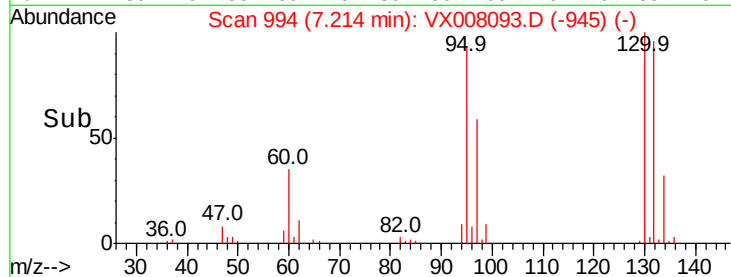
100000

50000

0

Time-->

7.10 7.20 7.30 7.40



#49

1,4-Dioxane

Concen: 18.244 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX008093.D

Acq: 15 Mar 2019 02:00

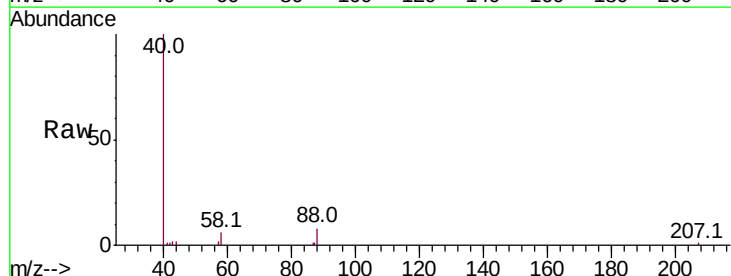
Tgt Ion: 88 Resp: 1326

Ion Ratio Lower Upper

88 100

43 27.5 25.1 37.7

58 69.5 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

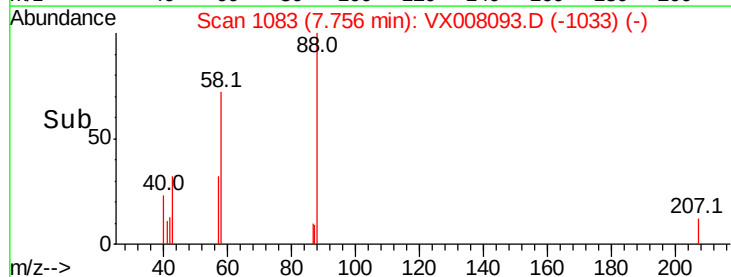
400

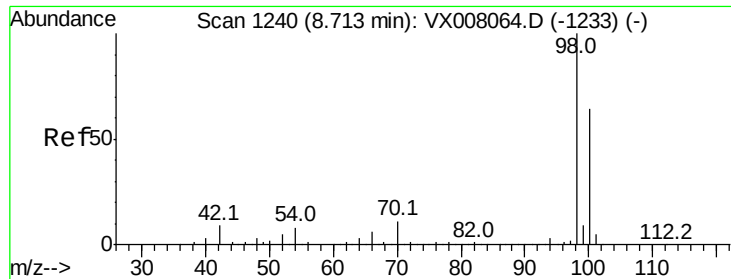
200

0

Time-->

7.70 7.75 7.80

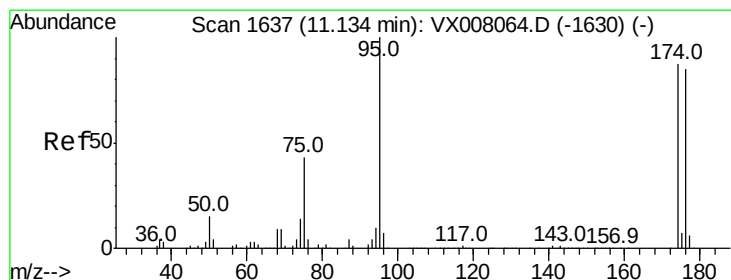
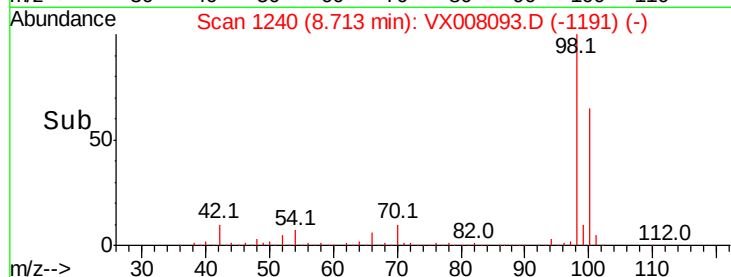
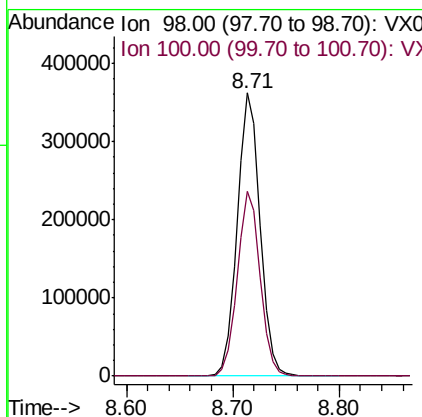
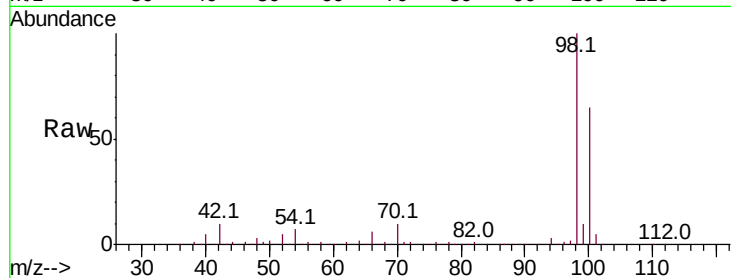




#50
Toluene-d8
Concen: 49.857 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

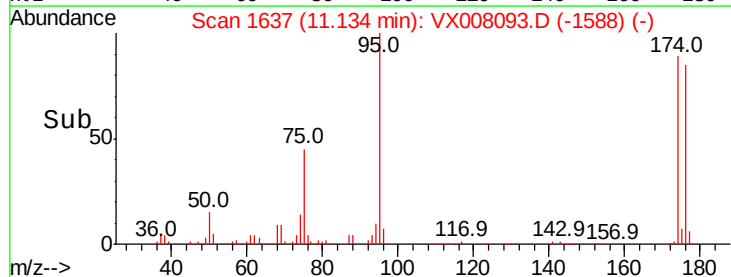
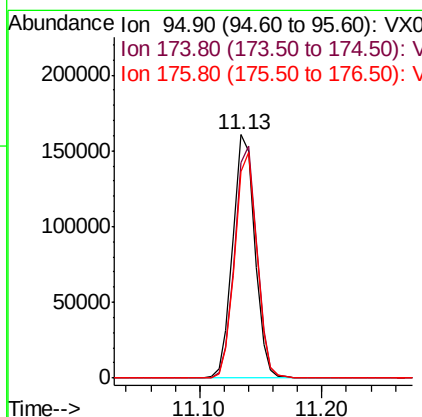
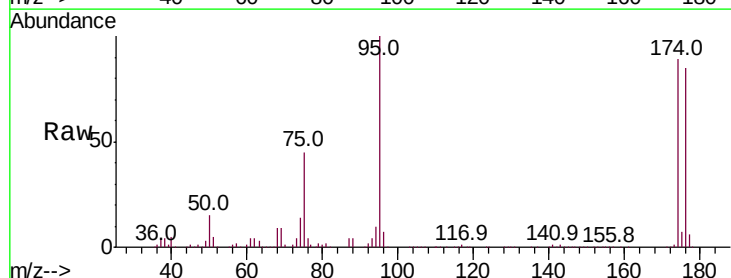
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

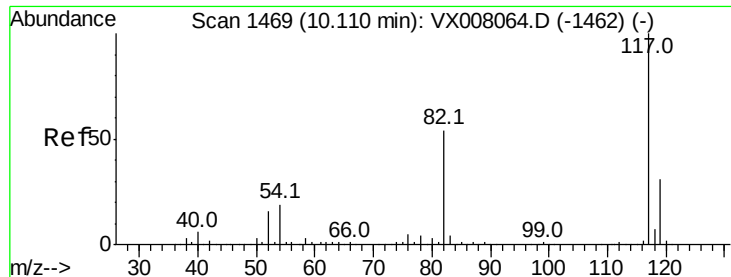
Tot Ion: 98 Resp: 544877
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.039 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 95 Resp: 199821
Ion Ratio Lower Upper
95 100
174 96.0 0.0 182.8
176 92.9 0.0 178.0

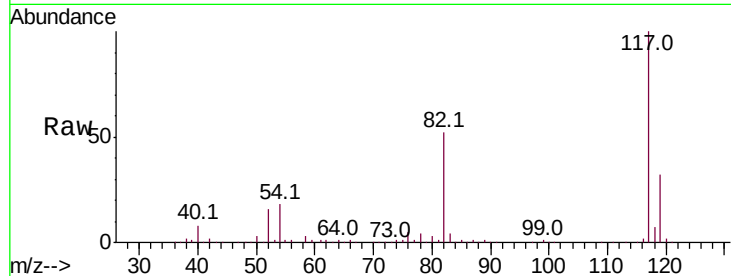




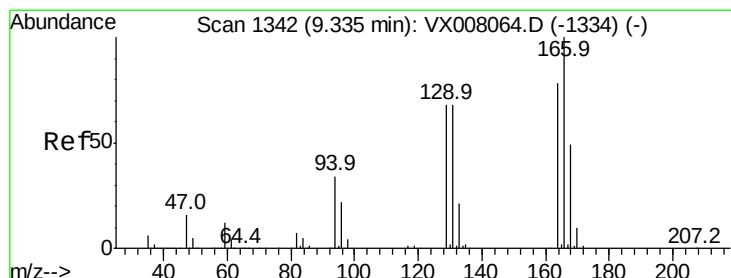
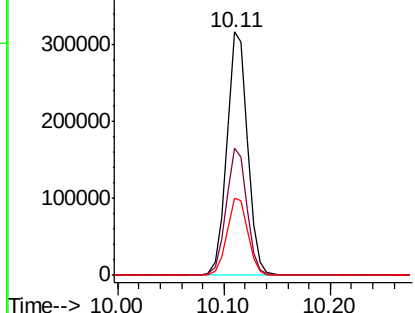
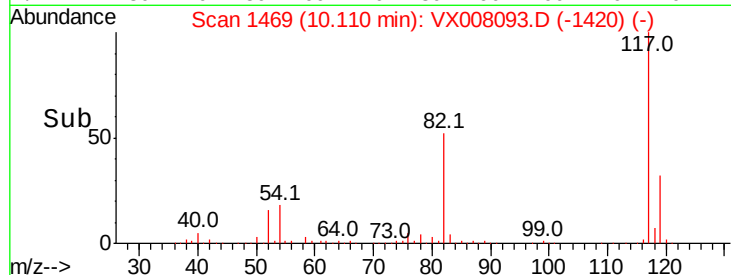
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tot Ion:117 Resp: 430673
Ion Ratio Lower Upper
117 100
82 52.5 44.3 66.5
119 31.8 25.3 37.9

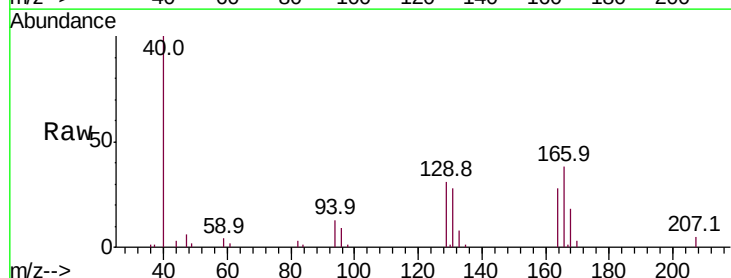


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

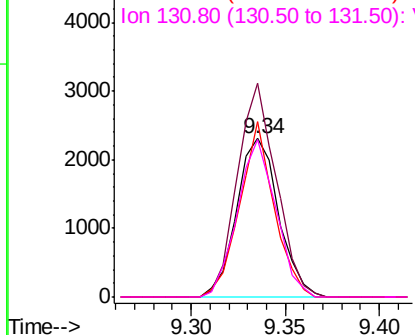
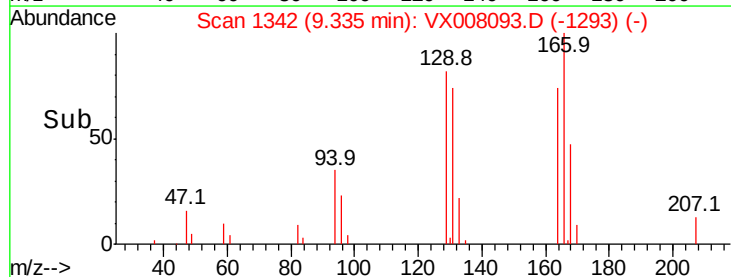


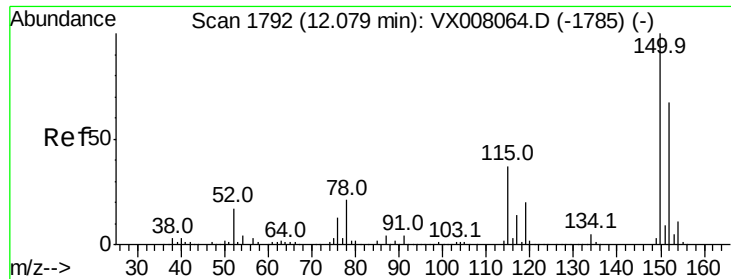
#64
Tetrachloroethene
Concen: 1.019 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion:164 Resp: 3557
Ion Ratio Lower Upper
164 100
166 134.9 103.4 155.0
129 110.7 72.2 108.4#
131 99.2 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

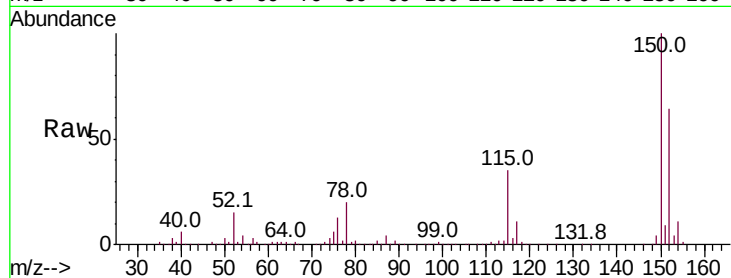




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008093.D
 Acq: 15 Mar 2019 02:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20190307

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	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

