

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008096.D
 Acq On : 15 Mar 2019 03:20
 Operator : JC/SP
 Sample : K1839-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20190307

Quant Time: Mar 15 05:41:11 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	290342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211132	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	148882	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	5.51	113	142392	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	8.71	98	540587	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	198793	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	

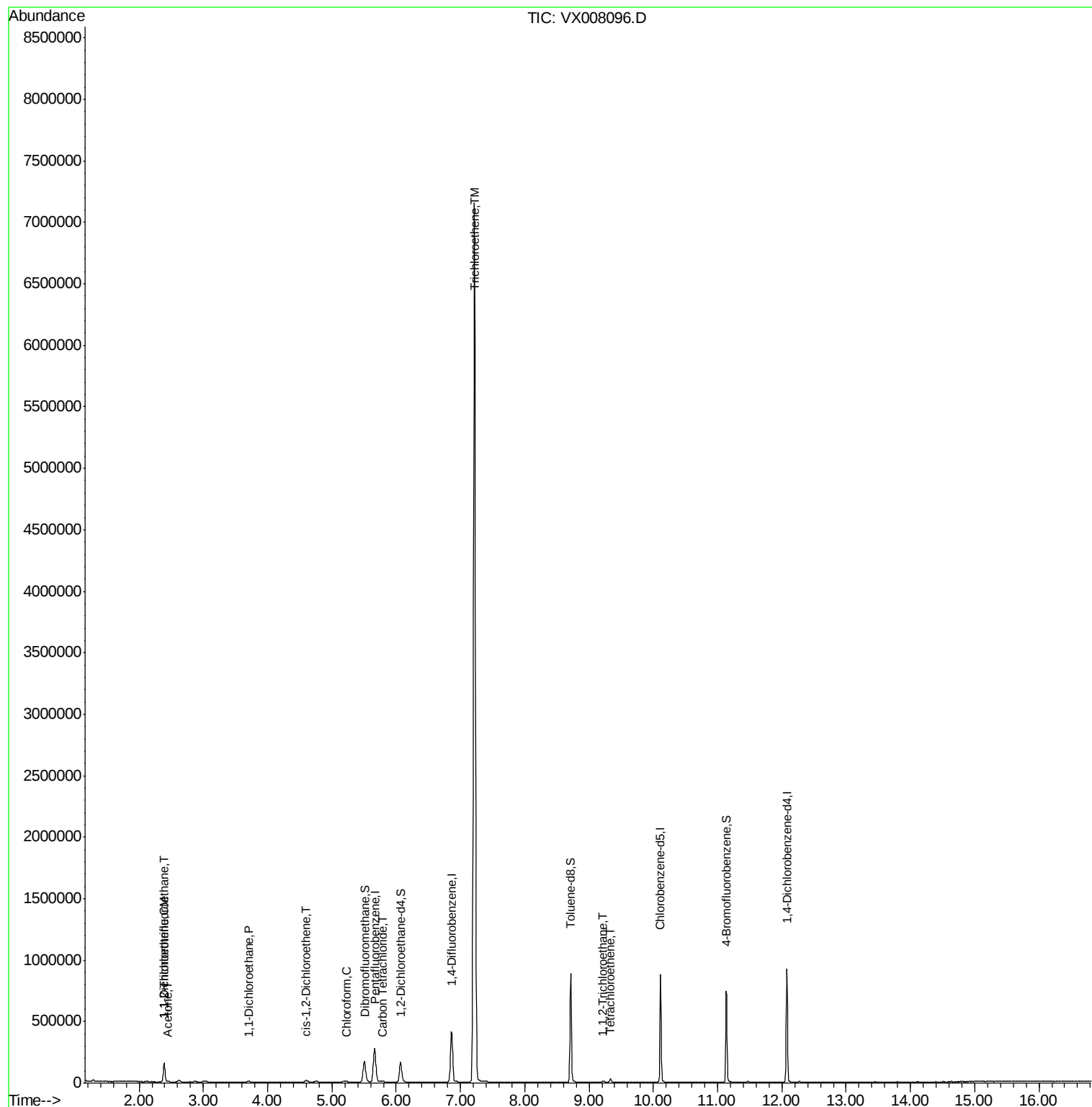
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51760	22.099	ug/l	96
12) 1,1-Dichloroethene	2.38	96	12681	5.728	ug/l	90
16) Acetone	2.45	43	3366	2.434	ug/l	99
24) 1,1-Dichloroethane	3.70	63	5157	1.174	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	7062	2.491	ug/l	87
30) Chloroform	5.21	83	4251	0.955	ug/l	97
38) Carbon Tetrachloride	5.79	117	4525	1.278	ug/l	87
44) Trichloroethene	7.22	130	2996510	921.124	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	2098	0.719	ug/l	89
64) Tetrachloroethene	9.34	164	5662	1.644	ug/l	95

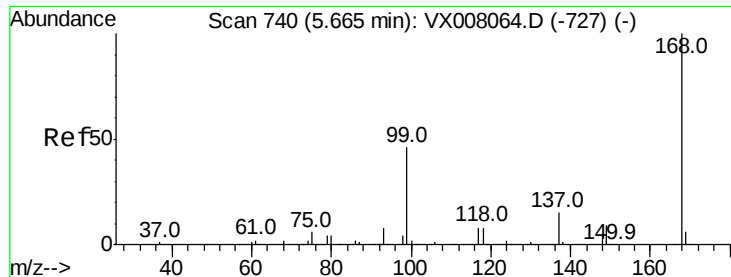
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031419\
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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: VX008096.D

Acq: 15 Mar 2019 03:20

Instrument :

MSVOA_X

ClientSampleId :

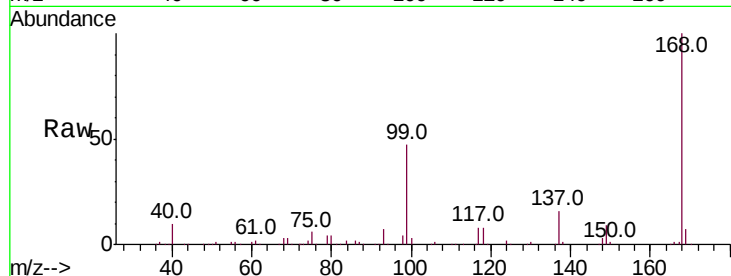
TT101D2-20190307

Tot Ion:168 Resp: 290342

Ion Ratio Lower Upper

168 100

99 46.7 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

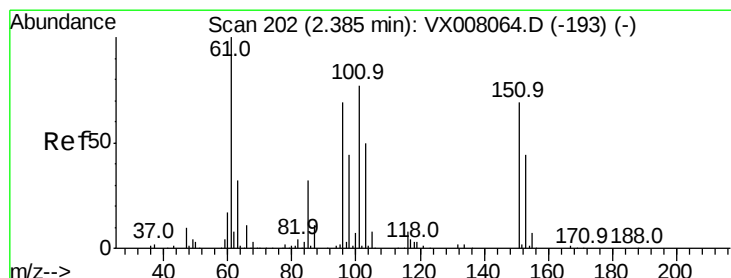
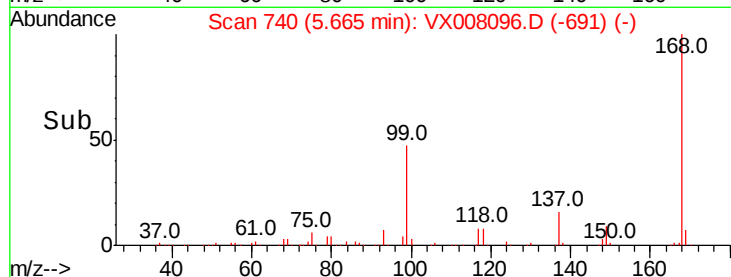
40000

20000

0

Time-->

5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.099 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

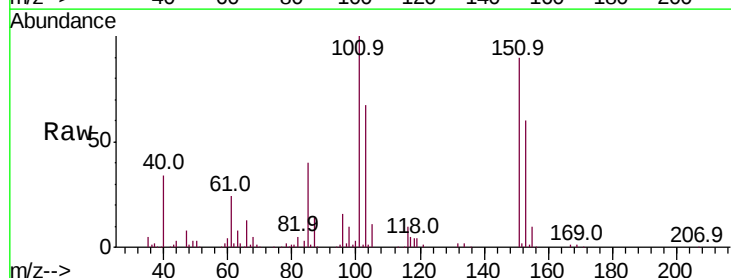
Tgt Ion:101 Resp: 51760

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.6

151 91.8 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

2.39

30000

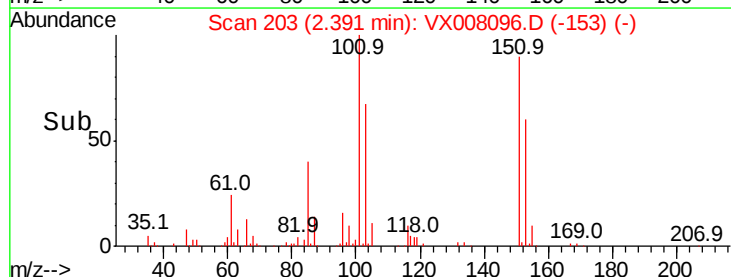
20000

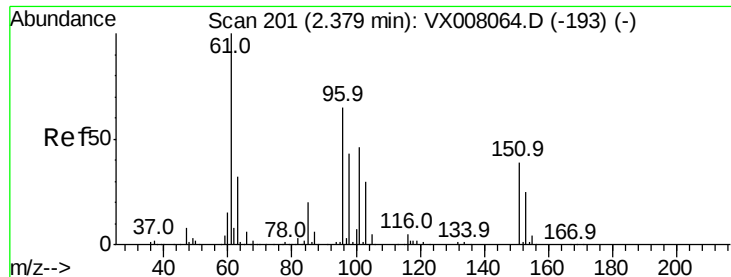
10000

0

Time-->

2.30 2.40 2.50

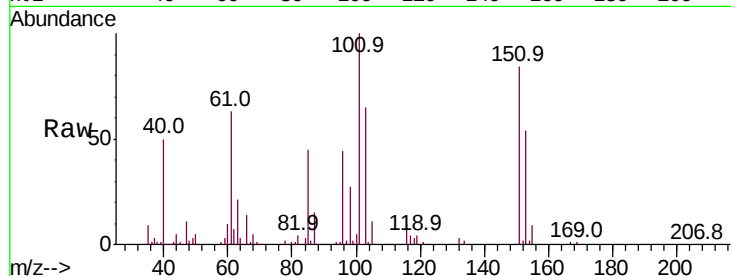




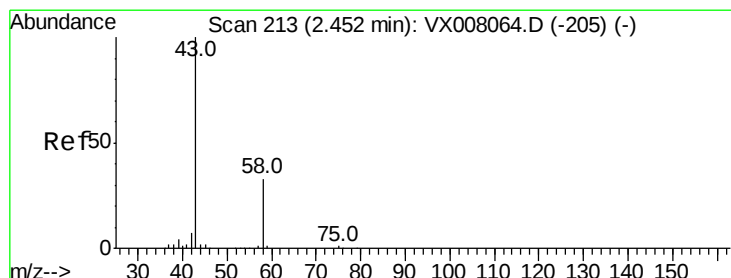
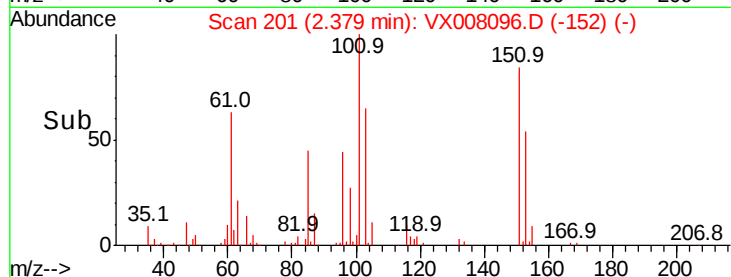
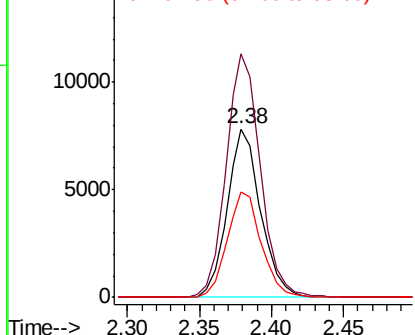
#12
 1,1-Dichloroethene
 Concen: 5.728 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX008096.D
 Acq: 15 Mar 2019 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20190307

Tot Ion: 96 Resp: 12681
 Ion Ratio Lower Upper
 96 100
 61 144.4 129.8 194.6
 98 62.6 51.0 76.6

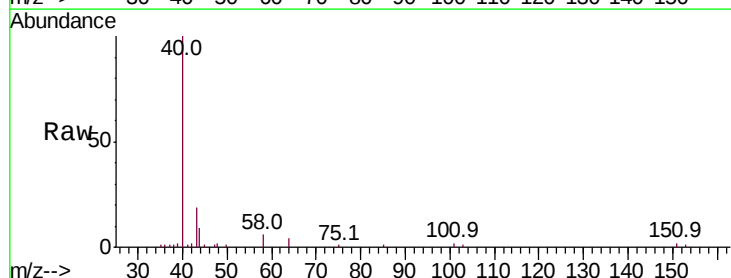


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

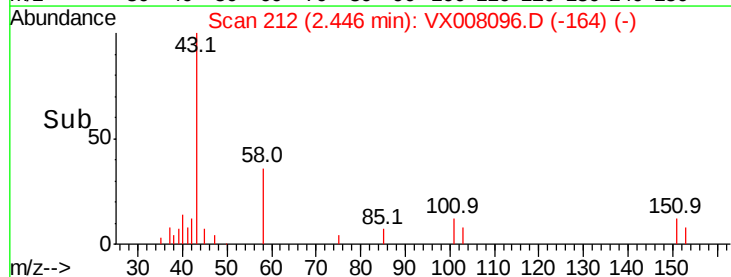
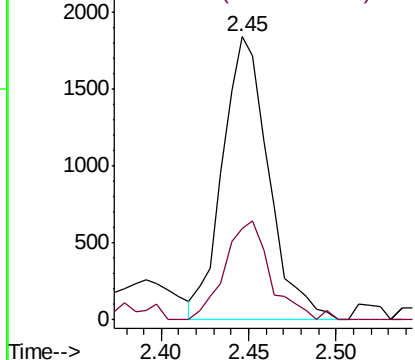


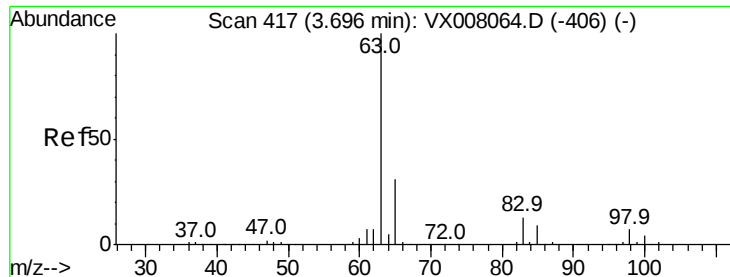
#16
 Acetone
 Concen: 2.434 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: VX008096.D
 Acq: 15 Mar 2019 03:20

Tgt Ion: 43 Resp: 3366
 Ion Ratio Lower Upper
 43 100
 58 32.3 25.5 38.3



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





#24

1,1-Dichloroethane

Concen: 1.174 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20190307

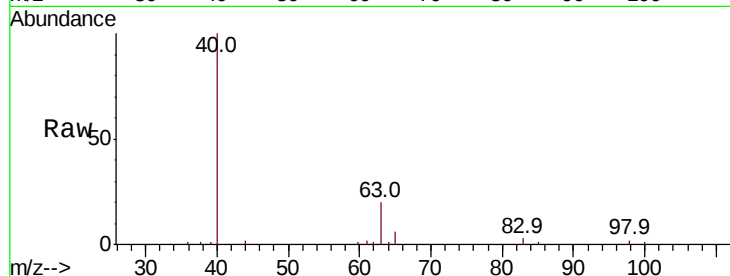
Tot Ion: 63 Resp: 5157

Ion Ratio Lower Upper

63 100

98 8.6 3.3 9.8

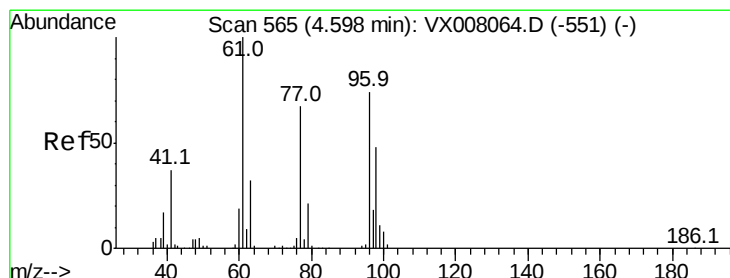
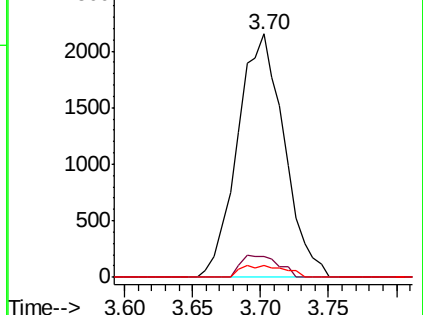
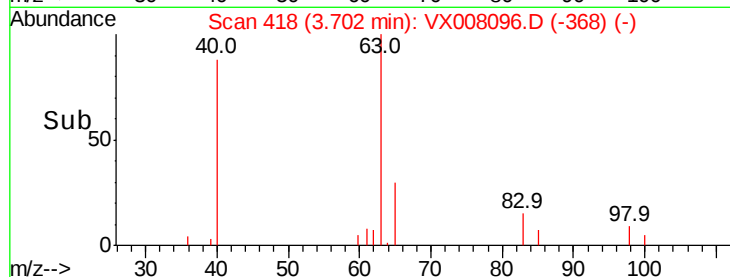
100 4.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.491 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

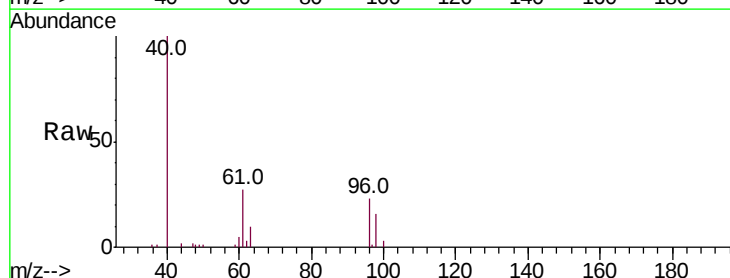
Tgt Ion: 96 Resp: 7062

Ion Ratio Lower Upper

96 100

61 122.1 0.0 288.0

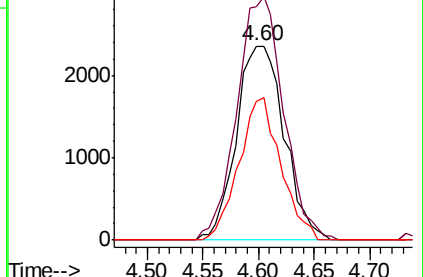
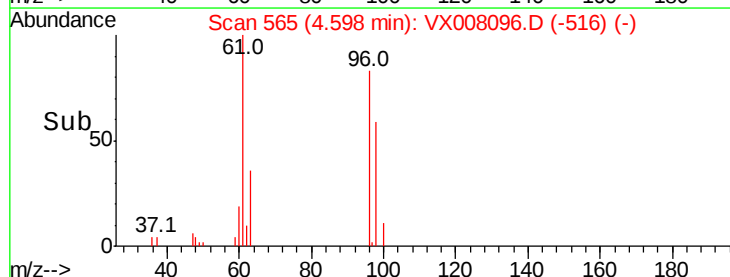
98 63.7 0.0 129.0

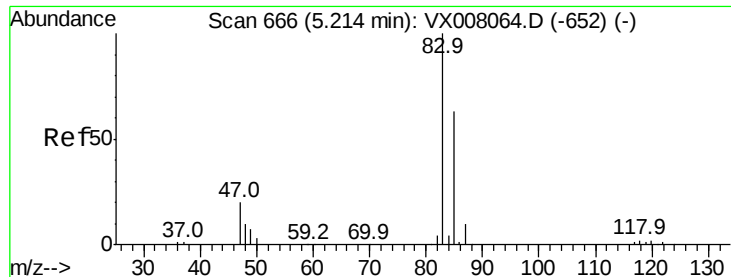


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

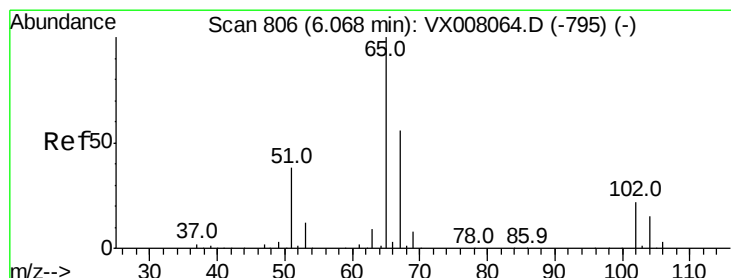
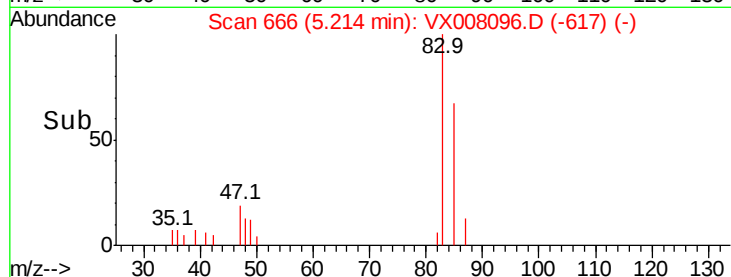
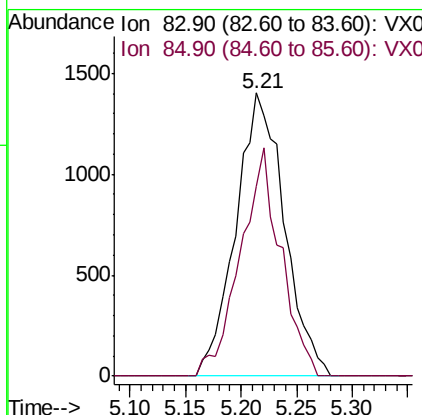
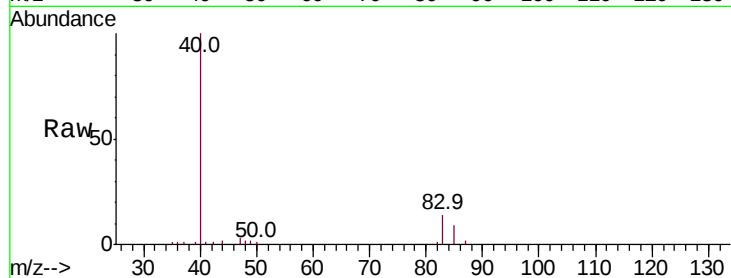




#30
Chloroform
Concen: 0.955 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008096.D
Acq: 15 Mar 2019 03:20

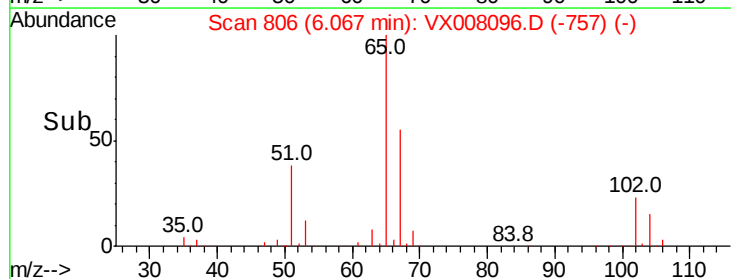
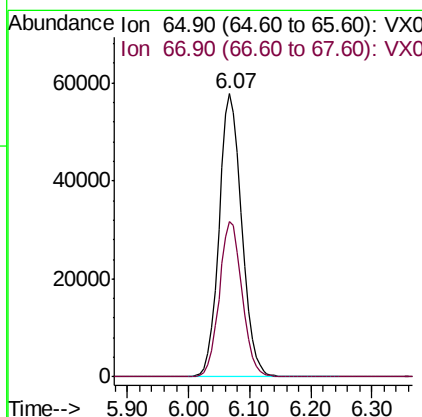
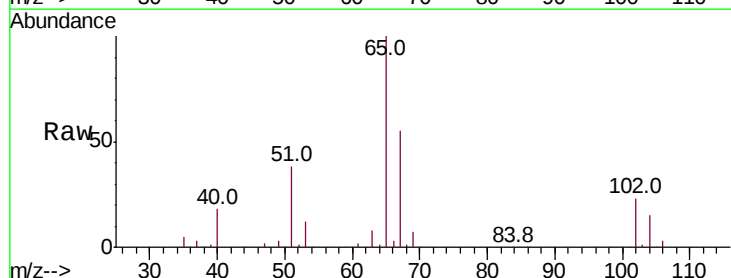
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20190307

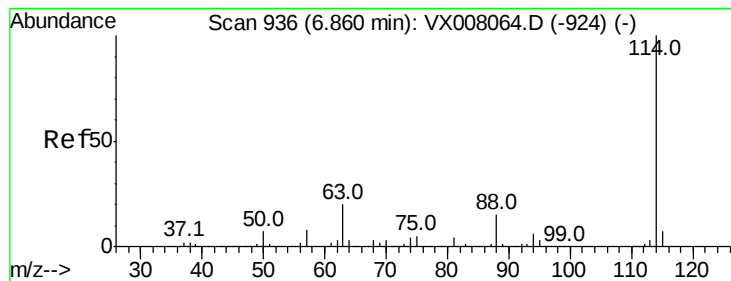
Tot Ion: 83 Resp: 4251
Ion Ratio Lower Upper
83 100
85 67.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 50.834 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008096.D
Acq: 15 Mar 2019 03:20

Tgt Ion: 65 Resp: 148882
Ion Ratio Lower Upper
65 100
67 55.1 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: VX008096.D

Acq: 15 Mar 2019 03:20

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20190307

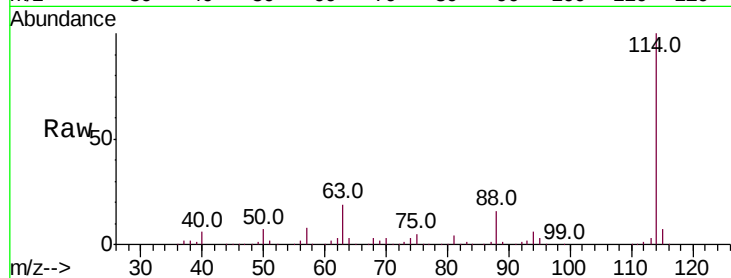
Tot Ion:114 Resp: 447253

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.8

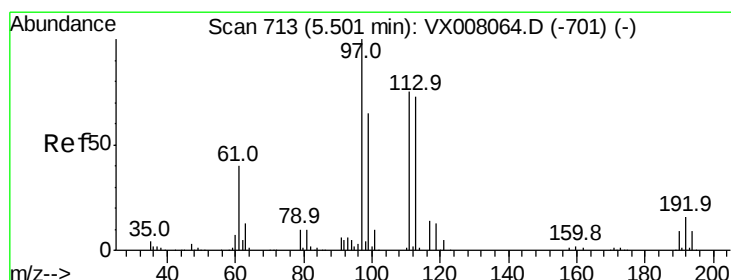
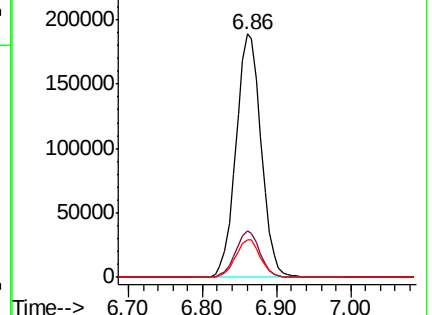
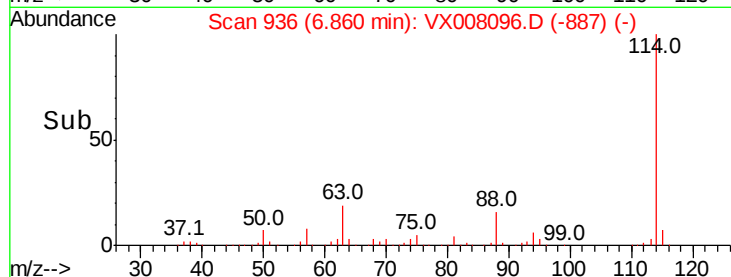
88 15.6 0.0 31.4



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: 50.205 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

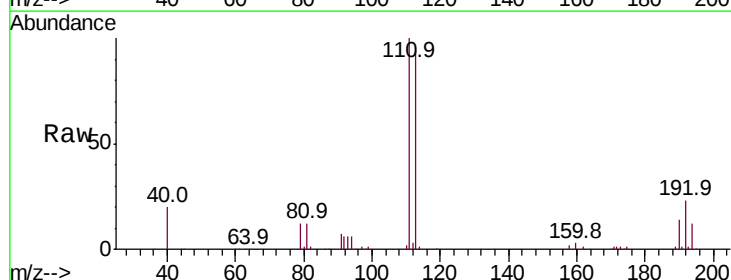
Tgt Ion:113 Resp: 142392

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

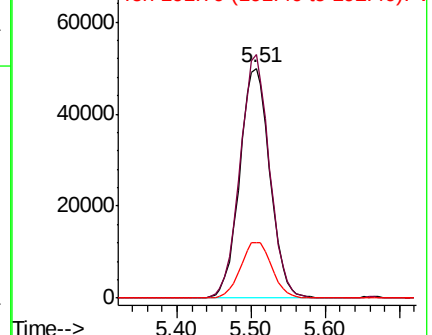
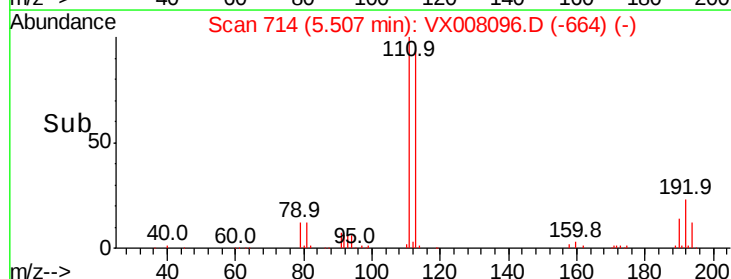
192 25.1 19.4 29.0

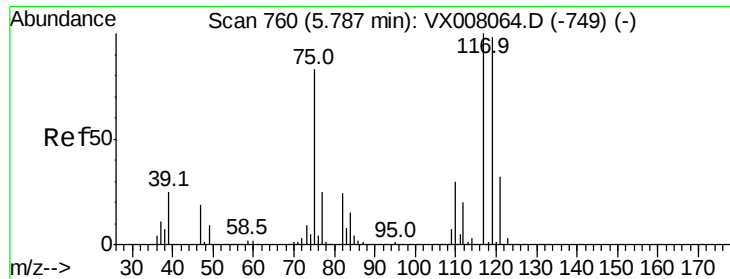


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 1.278 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

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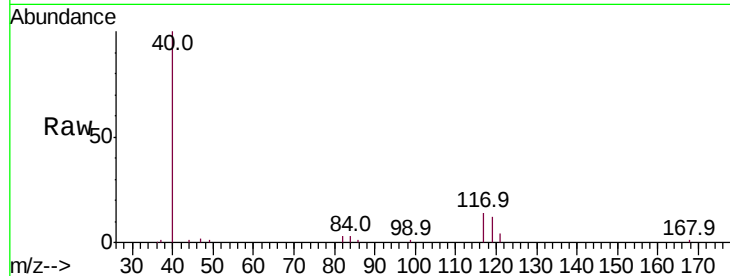
Tot Ion:117 Resp: 4525

Ion Ratio Lower Upper

117 100

119 82.3 76.2 114.2

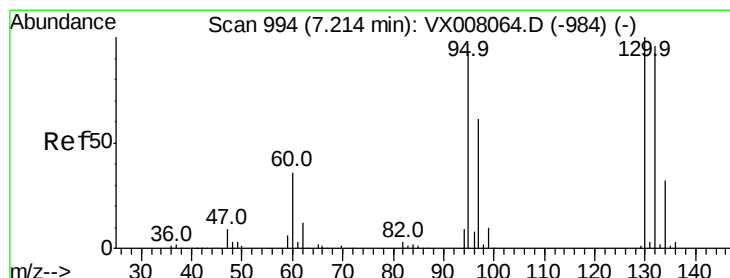
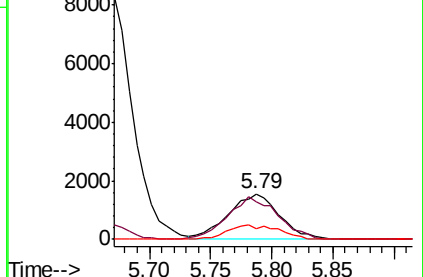
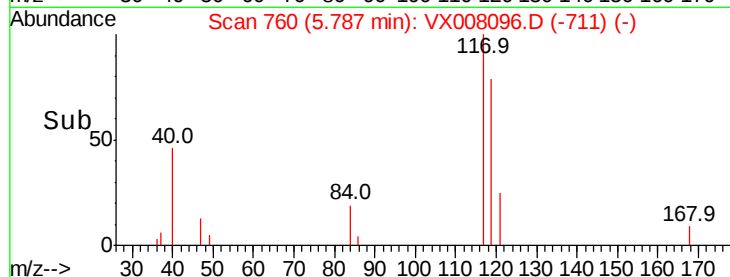
121 24.7 24.6 36.8



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



#44

Trichloroethene

Concen: 921.124 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008096.D

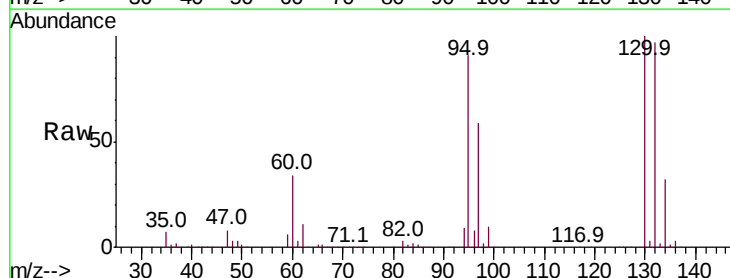
Acq: 15 Mar 2019 03:20

Tgt Ion:130 Resp: 2996510

Ion Ratio Lower Upper

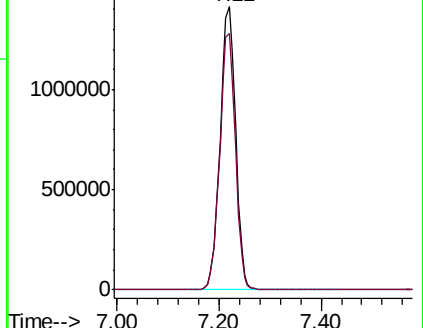
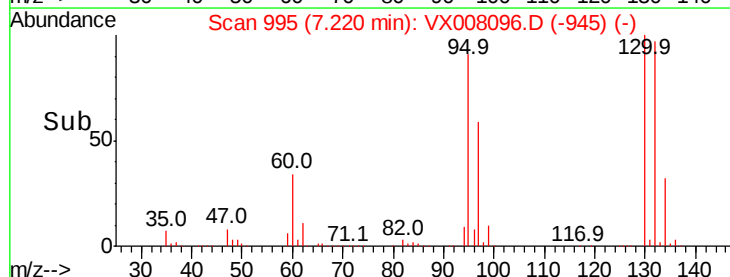
130 100

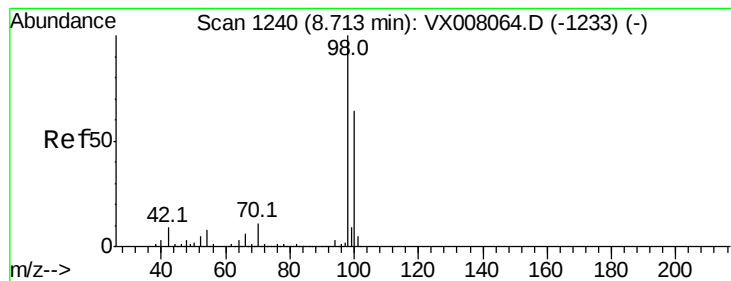
95 90.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.114 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

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ClientSampleId :

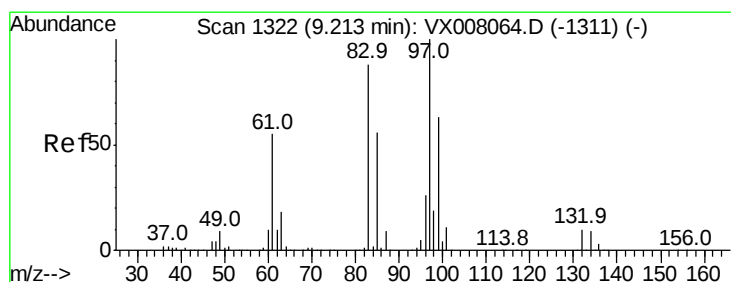
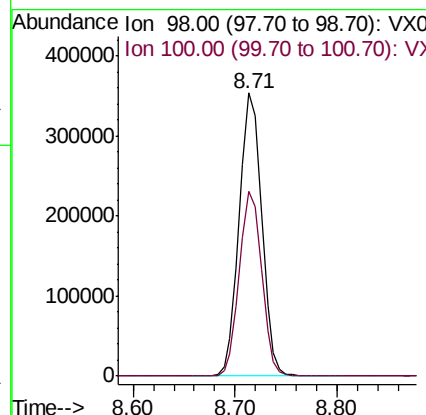
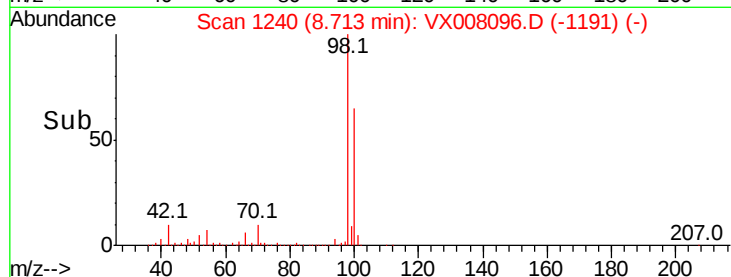
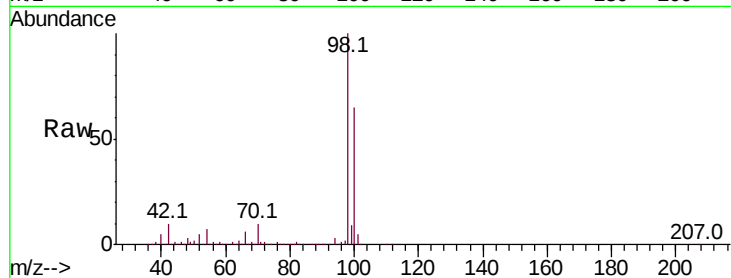
TT101D2-20190307

Tot Ion: 98 Resp: 540587

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



#55

1,1,2-Trichloroethane

Concen: 0.719 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

Tgt Ion: 97 Resp: 2098

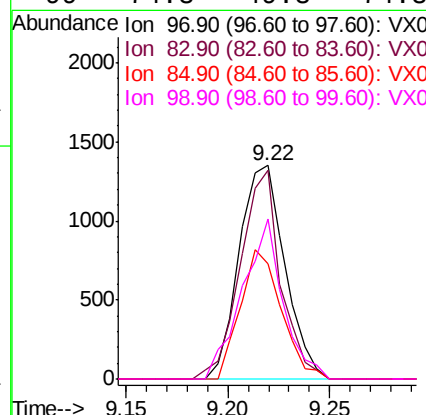
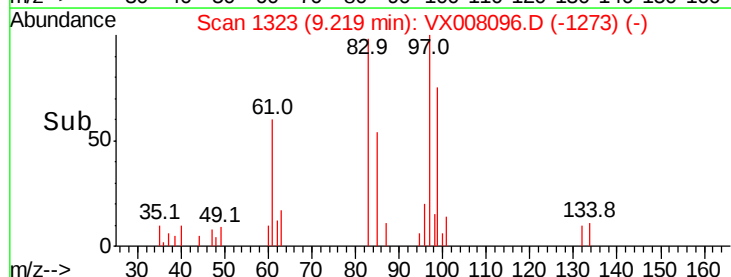
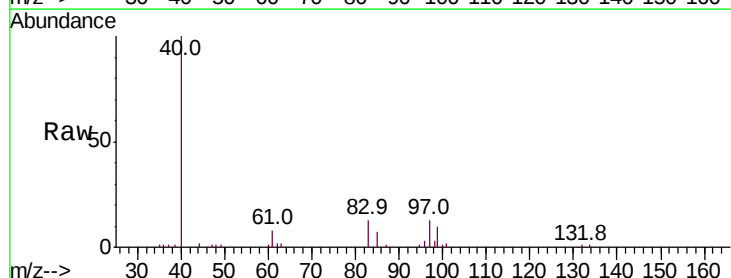
Ion Ratio Lower Upper

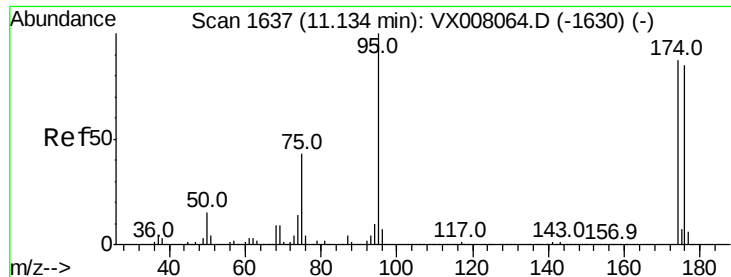
97 100

83 97.9 69.1 103.7

85 54.0 44.3 66.5

99 74.8 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 51.443 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20190307

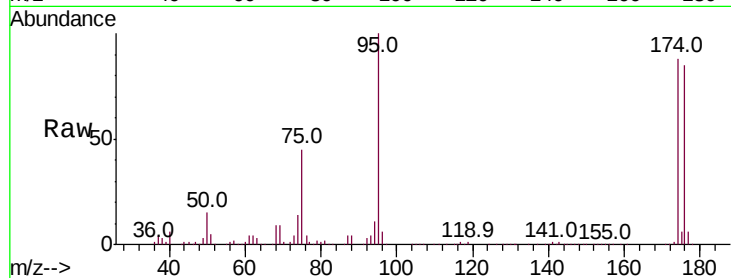
Tot Ion: 95 Resp: 198793

Ion Ratio Lower Upper

95 100

174 95.6 0.0 182.8

176 92.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008064.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008064.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008064.D (-1630) (-)

11.13

150000

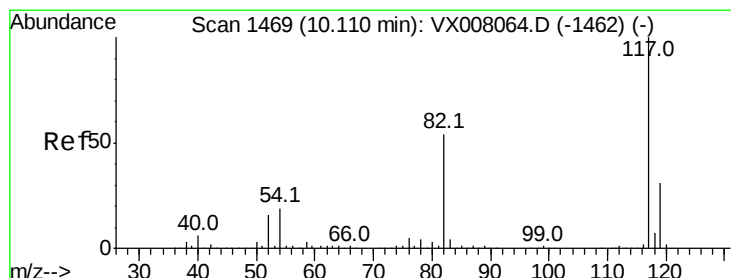
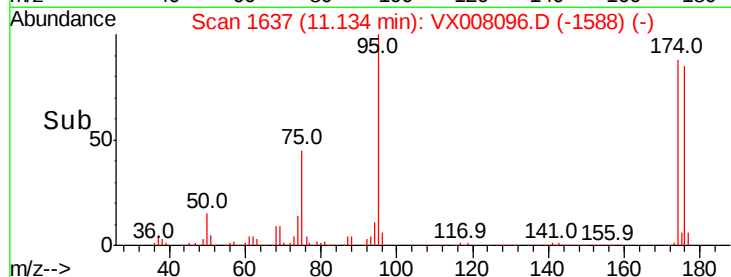
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008096.D

Acq: 15 Mar 2019 03:20

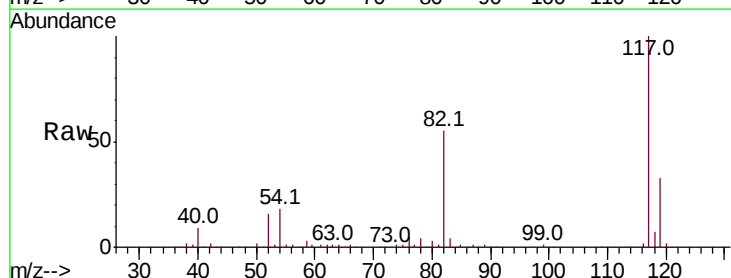
Tgt Ion: 117 Resp: 425075

Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

119 32.9 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX008064.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008064.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008064.D (-1462) (-)

10.11

400000

300000

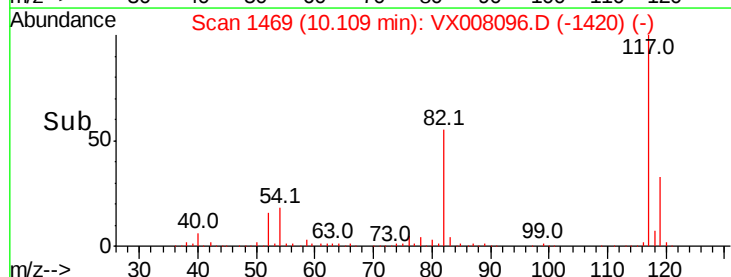
200000

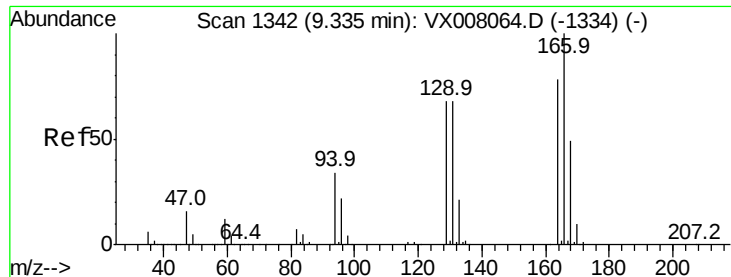
100000

0

10.00 10.10 10.20

Time-->

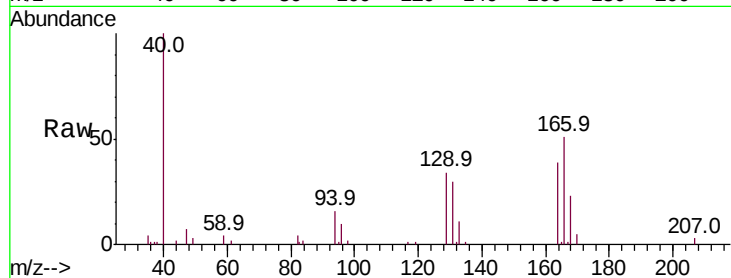




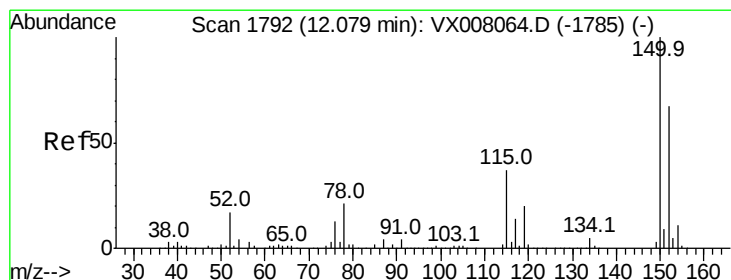
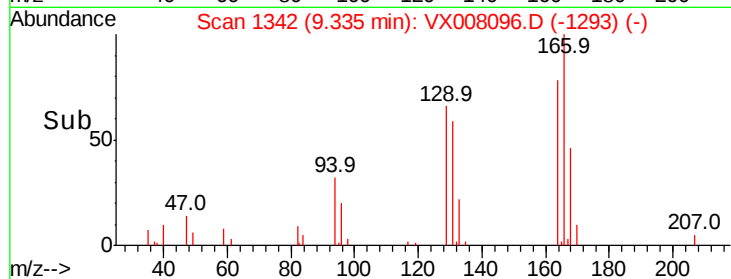
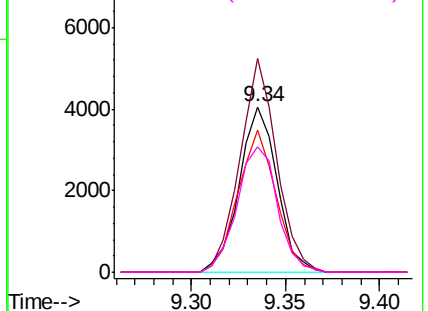
#64
Tetrachloroethene
Concen: 1.644 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008096.D
Acq: 15 Mar 2019 03:20

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20190307

Tot Ion:164 Resp: 5662
Ion Ratio Lower Upper
164 100
166 129.0 103.4 155.0
129 85.7 72.2 108.4
131 76.1 69.4 104.2

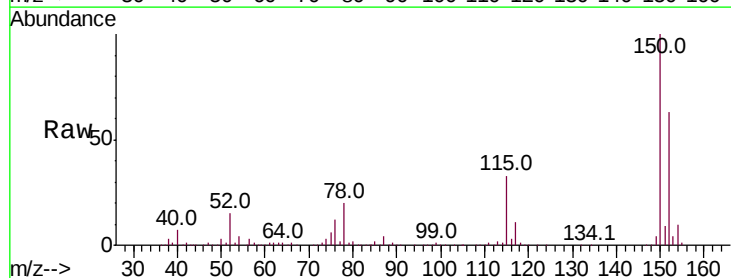


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008096.D
Acq: 15 Mar 2019 03:20

Tgt Ion:152 Resp: 211132
Ion Ratio Lower Upper
152 100
115 53.9 38.6 115.7
150 156.4 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

