

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012922.D
 Acq On : 09 Oct 2019 05:05
 Operator : JC/SP
 Sample : K5154-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

Quant Time: Oct 09 06:39:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109320	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	120471	51.80	ug/l	0.00
Spiked Amount						
			Recovery	=	103.60%	
35) Dibromofluoromethane	5.49	113	93134	51.93	ug/l	0.00
Spiked Amount						
			Recovery	=	103.86%	
50) Toluene-d8	8.71	98	365133	52.20	ug/l	0.00
Spiked Amount						
			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.14	95	128709	47.36	ug/l	0.00
Spiked Amount						
			Recovery	=	94.72%	

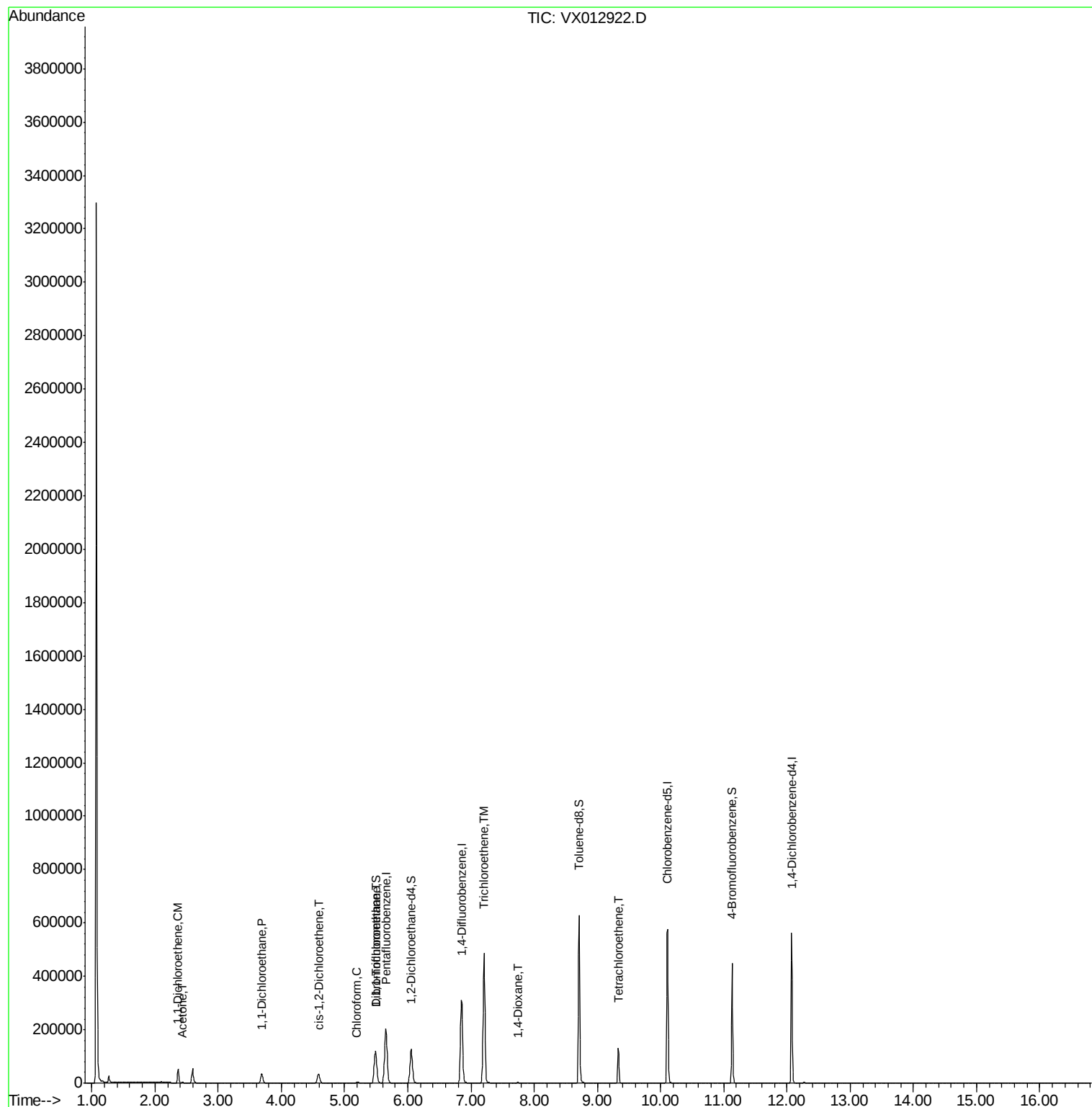
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	17221	9.158	ug/l	97
16) Acetone	2.44	43	3389	2.765	ug/l	95
24) 1,1-Dichloroethane	3.69	63	38189	10.579	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	21898	9.426	ug/l	89
30) Chloroform	5.19	83	3395	0.917	ug/l #	67
32) 1,1,1-Trichloroethane	5.48	97	11689	3.724	ug/l	98
44) Trichloroethene	7.21	130	188967	83.985	ug/l	96
49) 1,4-Dioxane	7.74	88	1650	59.777	ug/l	93
64) Tetrachloroethene	9.33	164	25213	13.536	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100819\
Data File : VX012922.D
Acq On : 09 Oct 2019 05:05
Operator : JC/SP
Sample : K5154-26
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101D

Quant Time: Oct 09 06:39:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA_X

ClientSampleId :

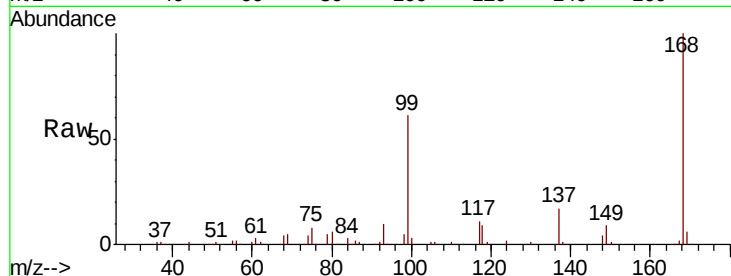
MW-101D

Tot Ion:168 Resp: 186076

Ion Ratio Lower Upper

168 100

99 60.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

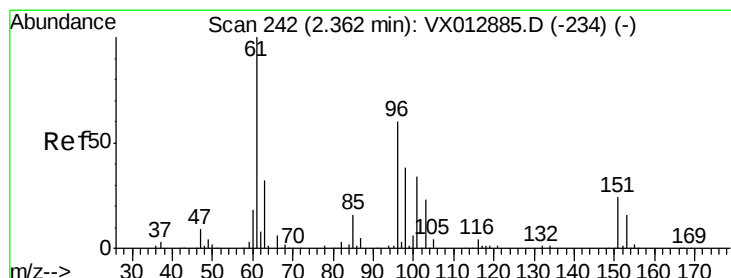
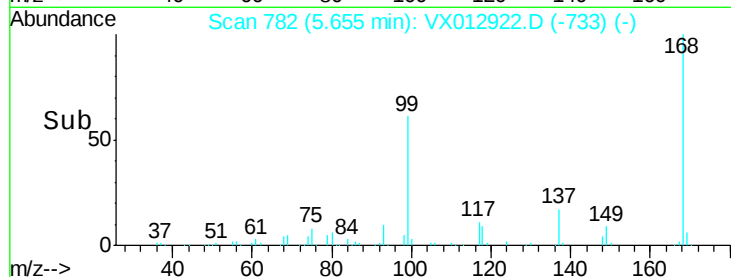
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 9.158 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

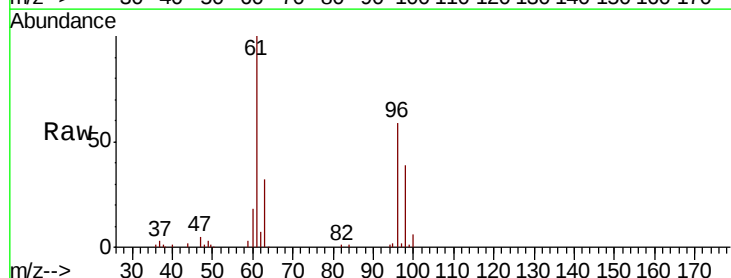
Tgt Ion: 96 Resp: 17221

Ion Ratio Lower Upper

96 100

61 168.6 132.2 198.4

98 65.4 50.5 75.7



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

20000

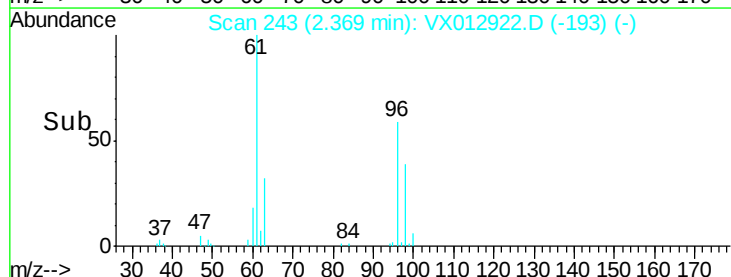
15000

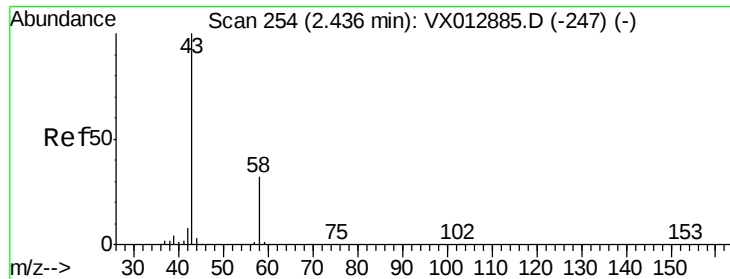
10000

5000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.765 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA_X

ClientSampleId :

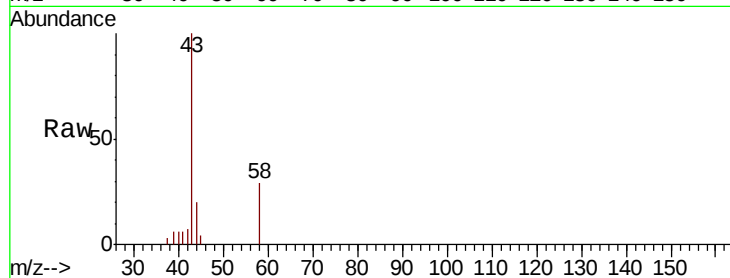
MW-101D

Tot Ion: 43 Resp: 3389

Ion Ratio Lower Upper

43 100

58 29.0 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2000

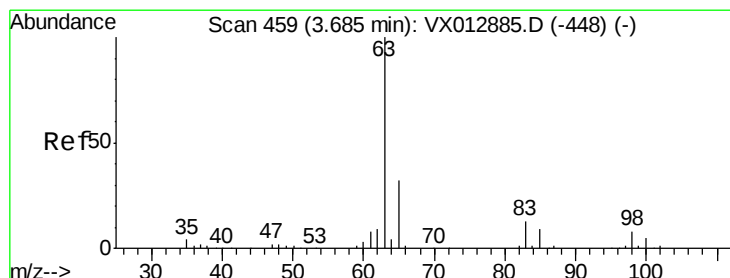
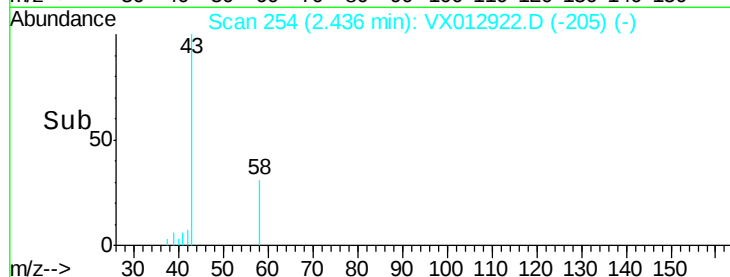
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50



#24

1,1-Dichloroethane

Concen: 10.579 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

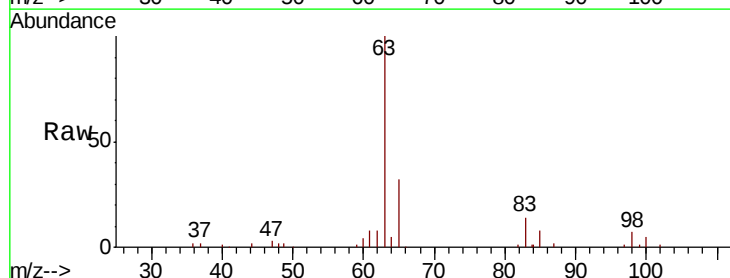
Tgt Ion: 63 Resp: 38189

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 5.4 2.3 6.9



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

3.69

20000

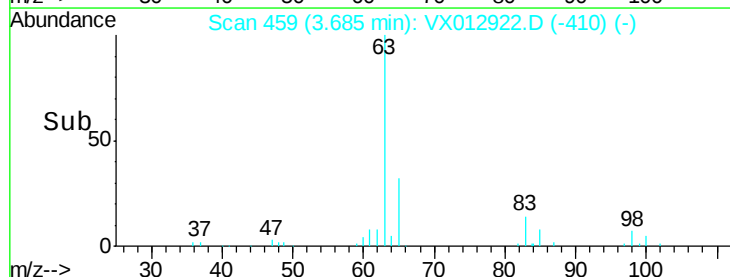
15000

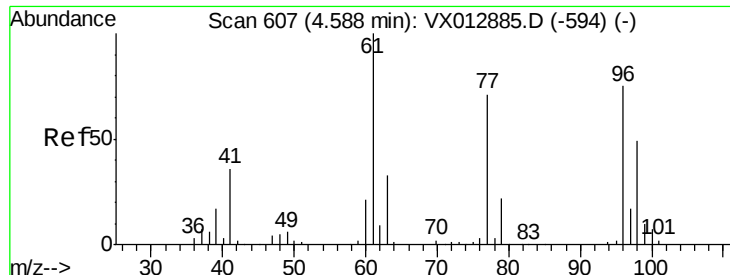
10000

5000

0

Time--> 3.60 3.70 3.80

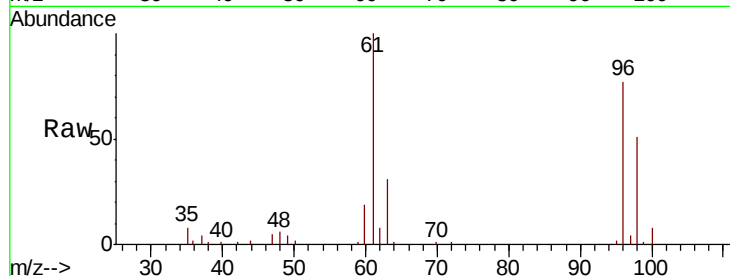




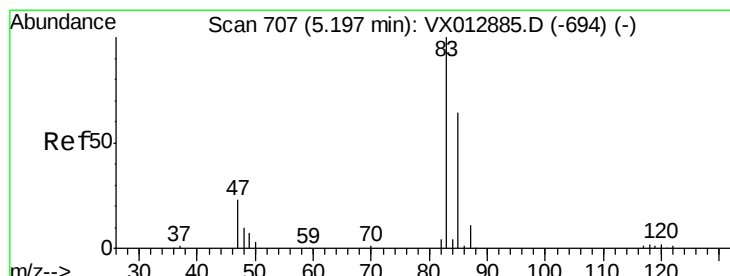
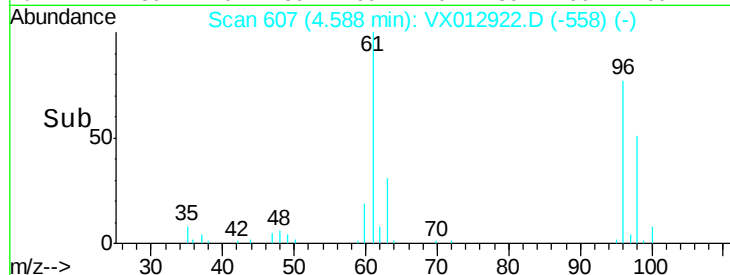
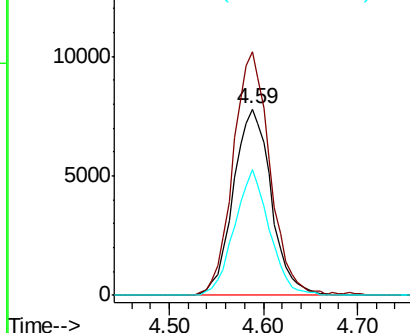
#27
 cis-1,2-Dichloroethene
 Concen: 9.426 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX012922.D
 Acq: 09 Oct 2019 05:05

Instrument :
 MSVOA_X
 ClientSampled :
 MW-101D

Tot Ion: 96 Resp: 21898
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 290.6
 98 62.2 0.0 128.8

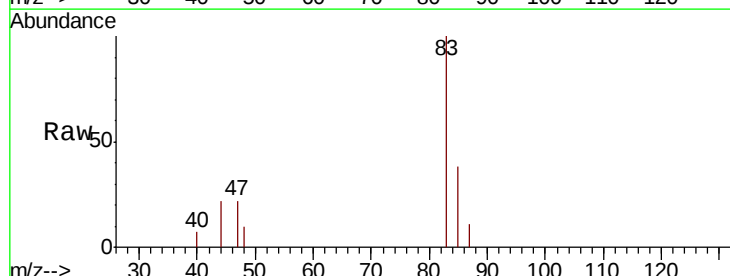


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

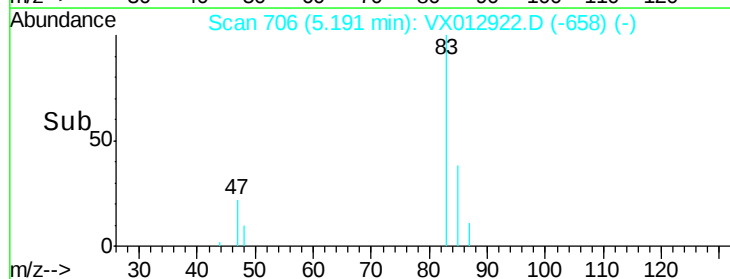
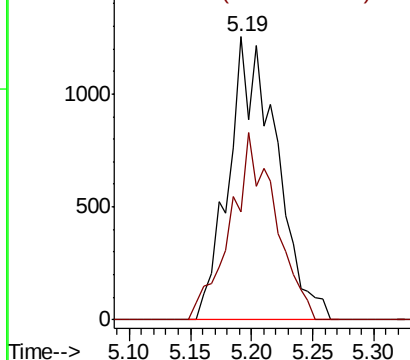


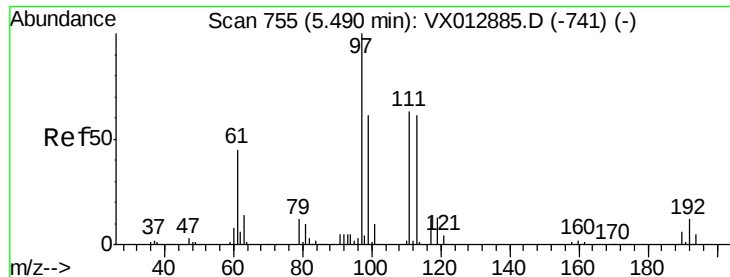
#30
 Chloroform
 Concen: 0.917 ug/l
 RT: 5.19 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VX012922.D
 Acq: 09 Oct 2019 05:05

Tgt Ion: 83 Resp: 3395
 Ion Ratio Lower Upper
 83 100
 85 38.1 51.5 77.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 3.724 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

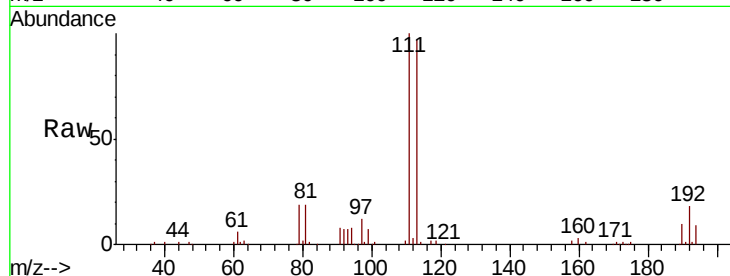
Tot Ion: 97 Resp: 11689

Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

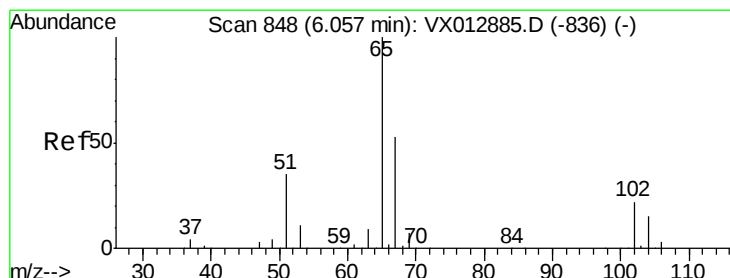
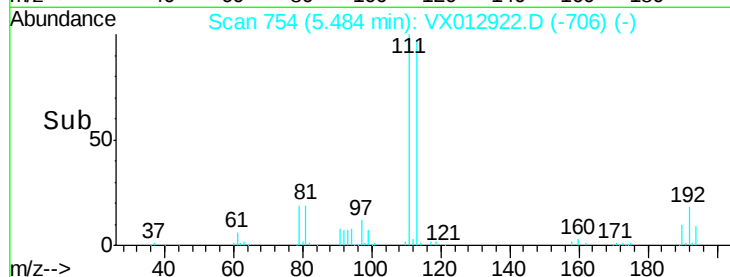
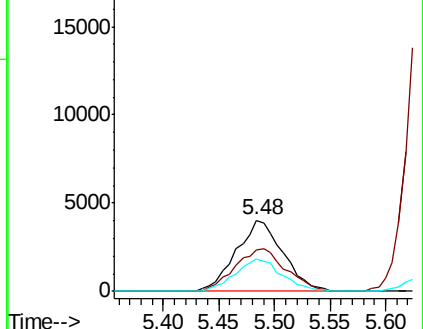
61 45.3 35.0 52.4



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: 51.800 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012922.D

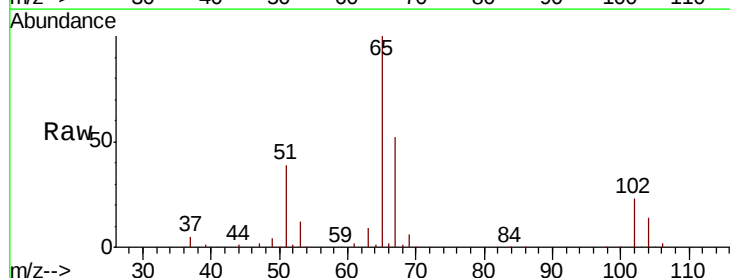
Acq: 09 Oct 2019 05:05

Tgt Ion: 65 Resp: 120471

Ion Ratio Lower Upper

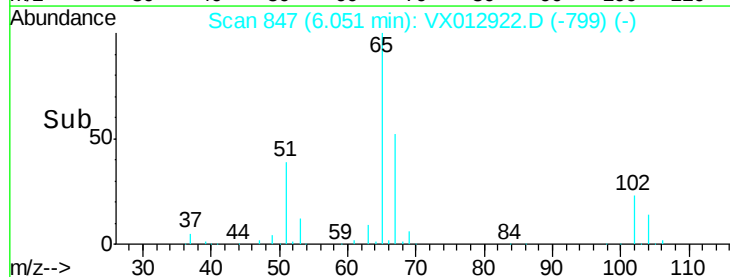
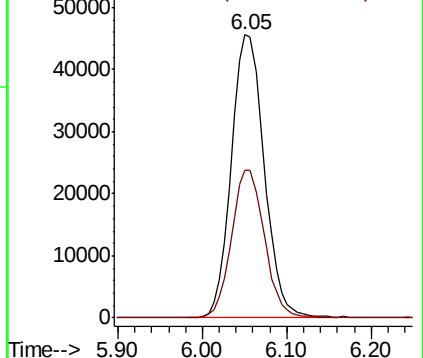
65 100

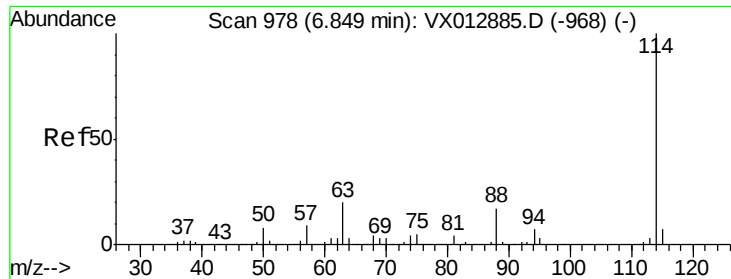
67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

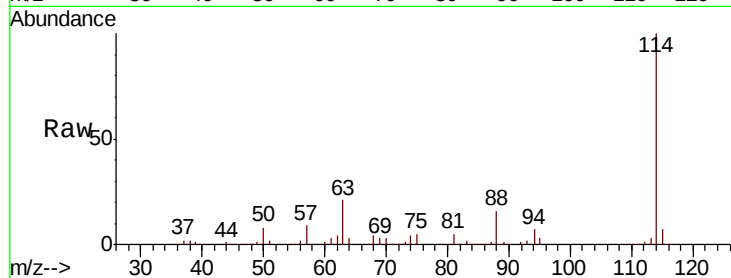




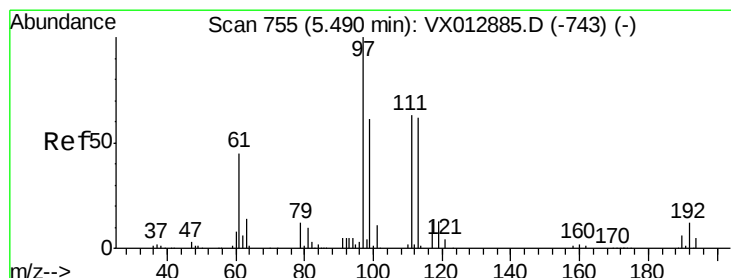
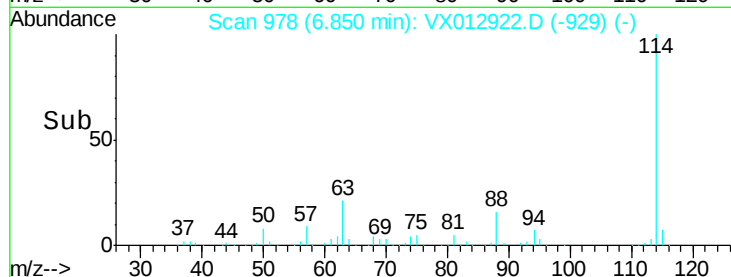
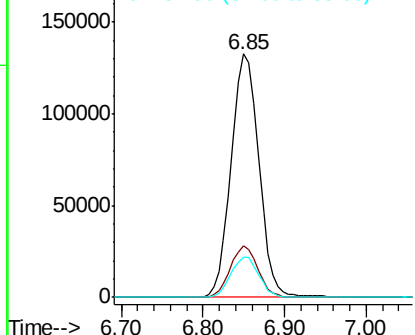
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012922.D
 Acq: 09 Oct 2019 05:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

Tot Ion:114 Resp: 312464
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 16.4 0.0 33.8

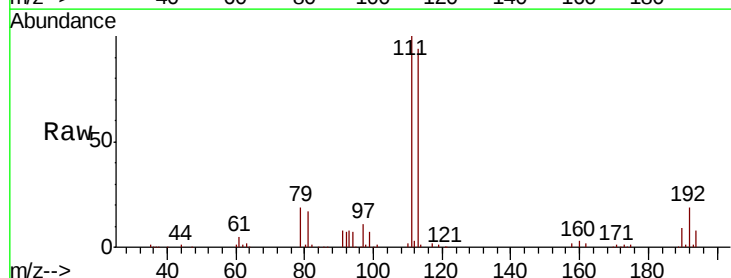


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

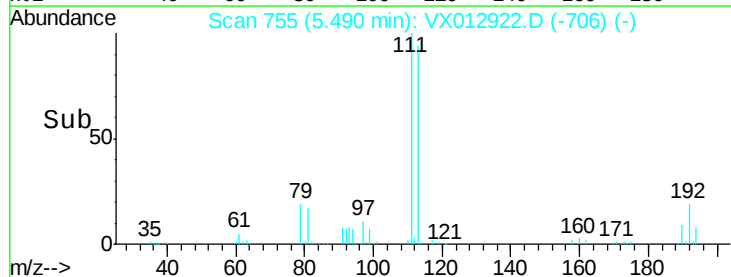
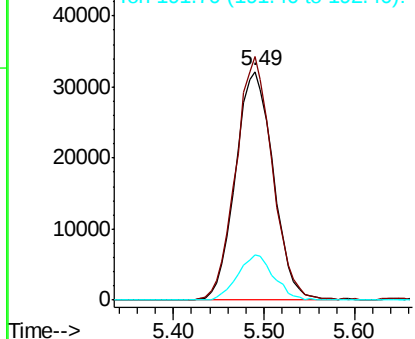


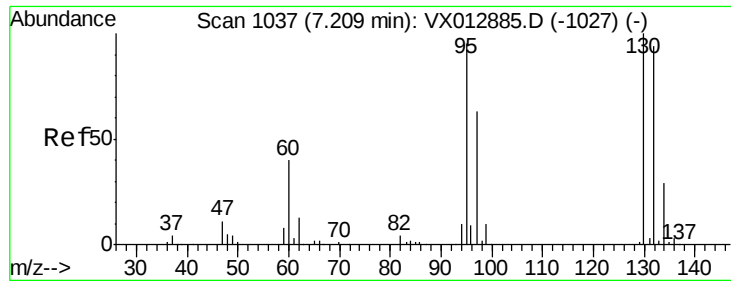
#35
 Dibromofluoromethane
 Concen: 51.932 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012922.D
 Acq: 09 Oct 2019 05:05

Tgt Ion:113 Resp: 93134
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.2 124.8
 192 18.9 15.4 23.2



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: 83.985 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA_X

ClientSampled :

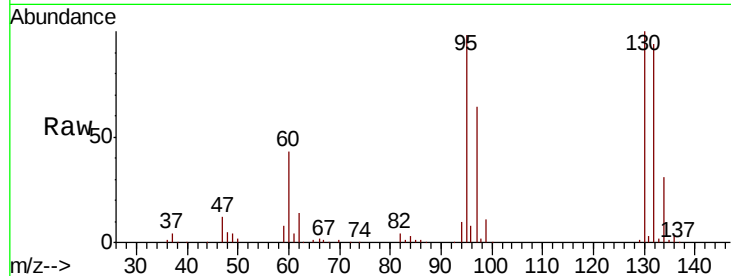
MW-101D

Tot Ion:130 Resp: 188967

Ion Ratio Lower Upper

130 100

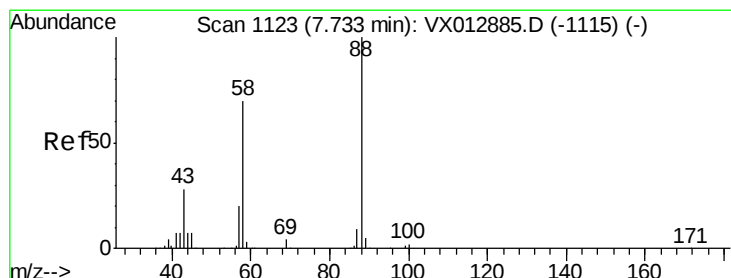
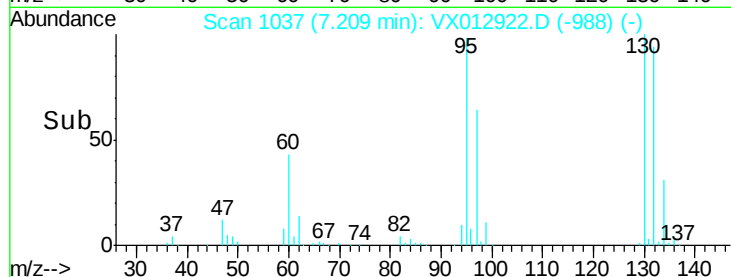
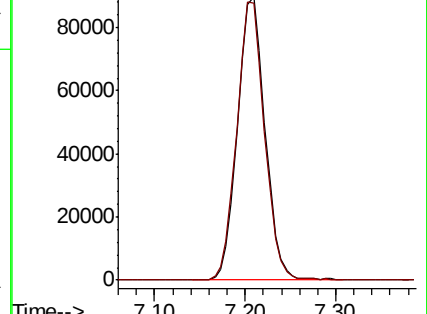
95 98.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21



#49

1,4-Dioxane

Concen: 59.777 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

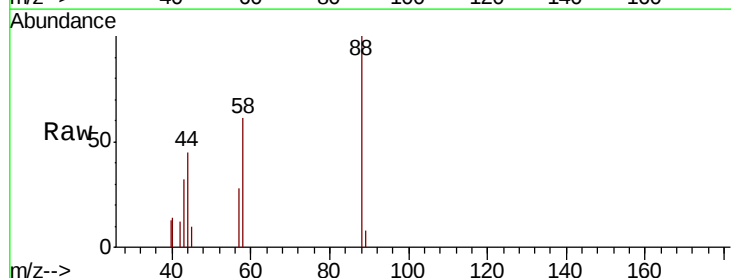
Tgt Ion: 88 Resp: 1650

Ion Ratio Lower Upper

88 100

43 31.8 25.0 37.6

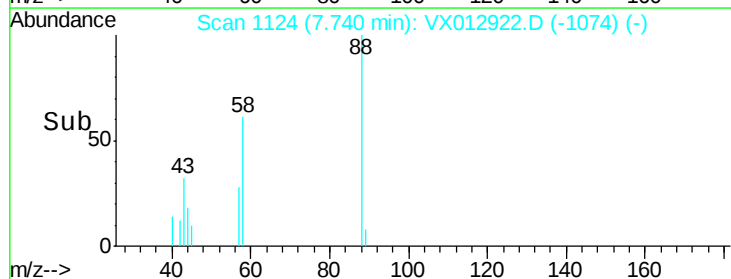
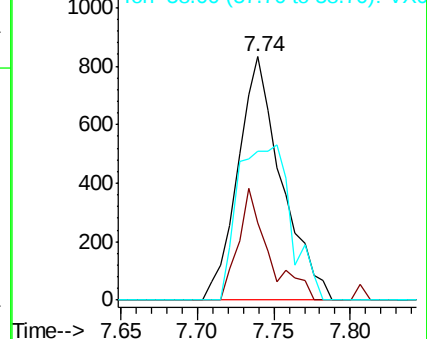
58 77.5 55.4 83.2

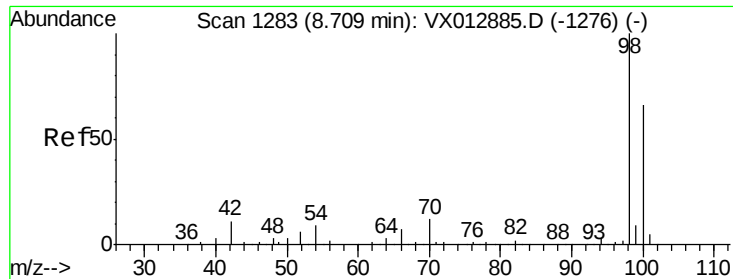


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.202 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

Instrument :

MSVOA_X

ClientSampleId :

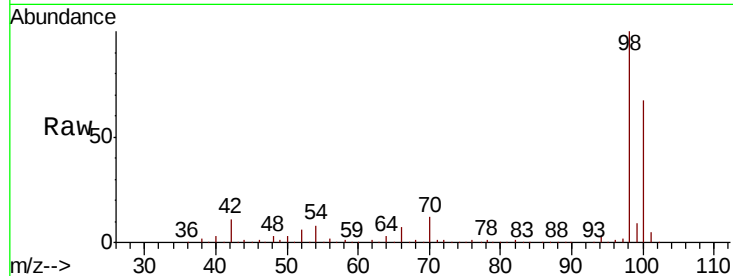
MW-101D

Tot Ion: 98 Resp: 365133

Ion Ratio Lower Upper

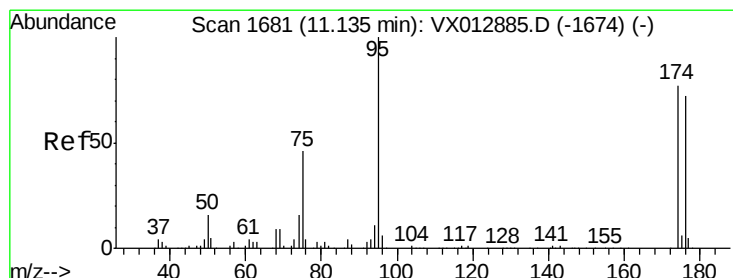
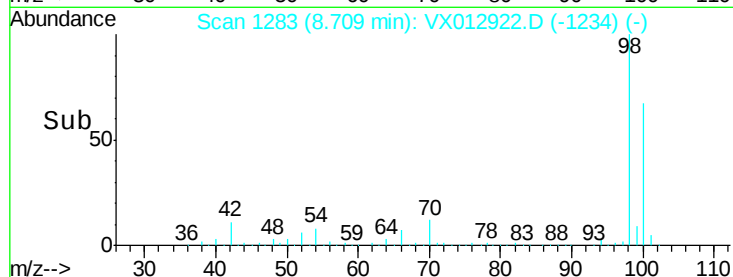
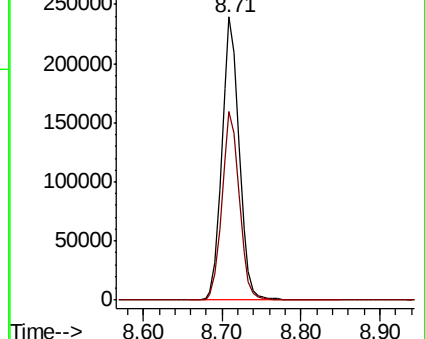
98 100

100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.358 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012922.D

Acq: 09 Oct 2019 05:05

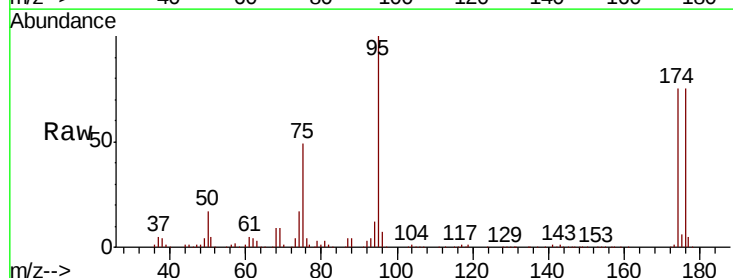
Tgt Ion: 95 Resp: 128709

Ion Ratio Lower Upper

95 100

174 71.4 0.0 143.4

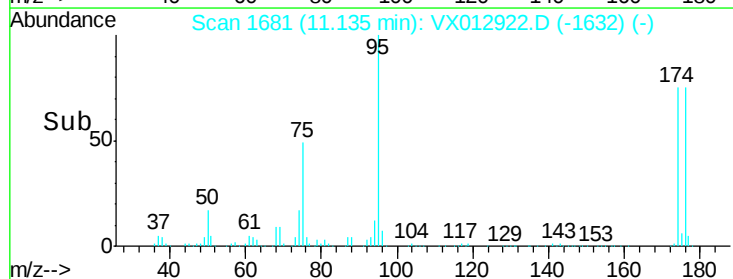
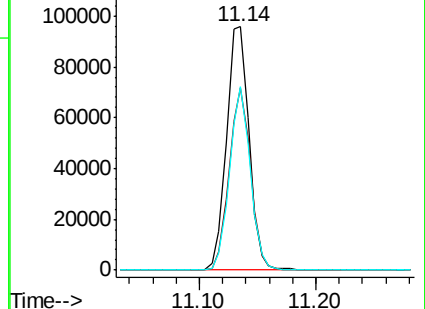
176 69.4 0.0 136.0

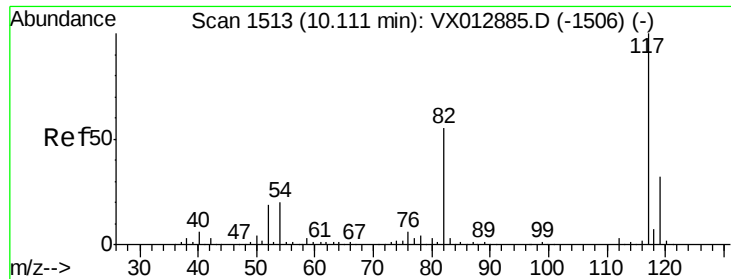


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

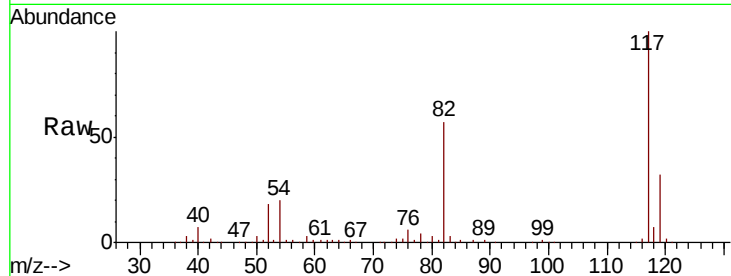




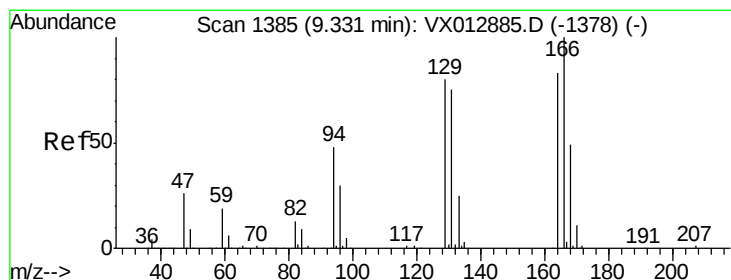
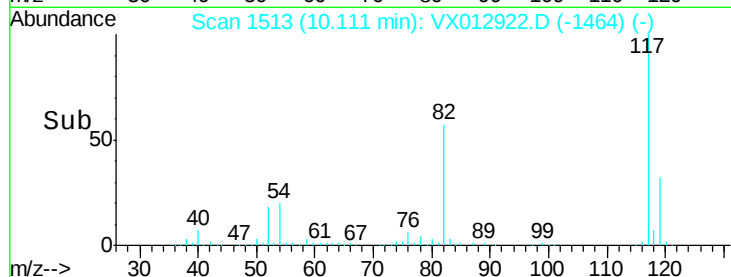
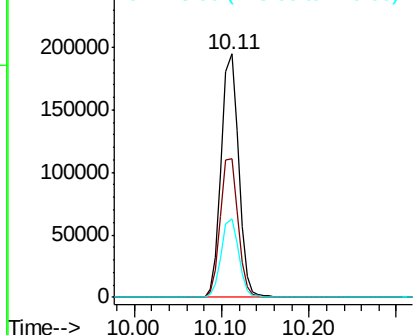
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012922.D
Acq: 09 Oct 2019 05:05

Instrument :
MSVOA_X
ClientSampled :
MW-101D

Tot Ion:117 Resp: 268554
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 32.3 25.8 38.8

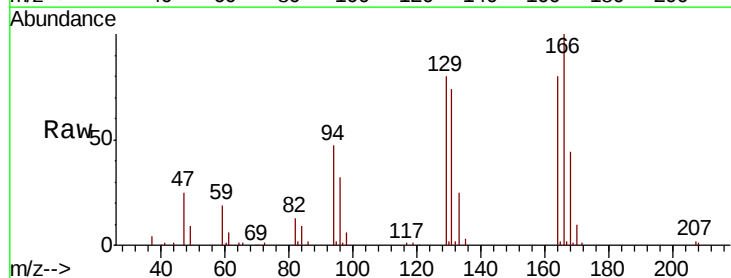


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

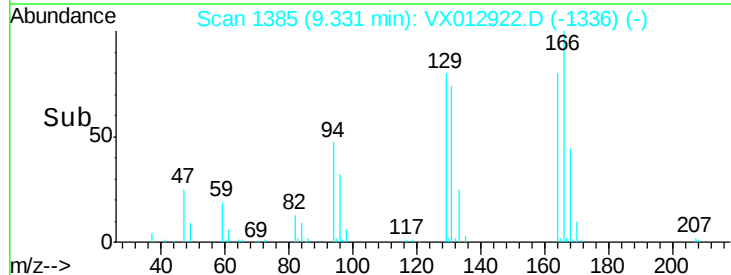
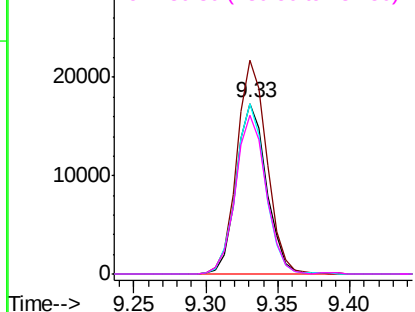


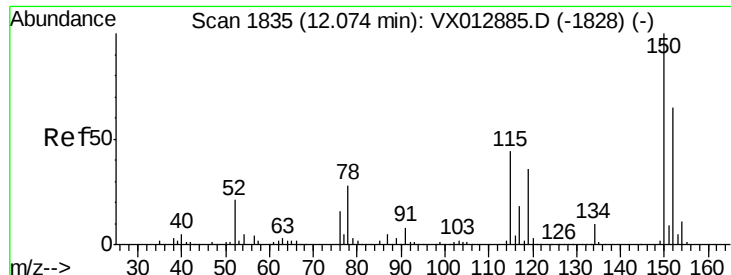
#64
Tetrachloroethene
Concen: 13.536 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012922.D
Acq: 09 Oct 2019 05:05

Tgt Ion:164 Resp: 25213
Ion Ratio Lower Upper
164 100
166 125.4 96.9 145.3
129 99.9 77.9 116.9
131 93.4 72.7 109.1



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

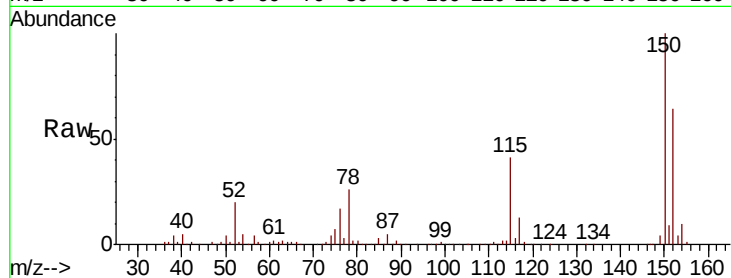




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012922.D
 Acq: 09 Oct 2019 05:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.5	133.5
150	157.1	0.0	353.4



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

