

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014254.D
 Acq On : 24 Dec 2019 18:45
 Operator : JC/SP
 Sample : K6405-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 998-MW-17A-(15.5)

Quant Time: Dec 25 08:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	556094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	844118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	741493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318309	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	305993	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
35) Dibromofluoromethane	5.49	113	254407	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	8.71	98	993695	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.14	95	329822	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	

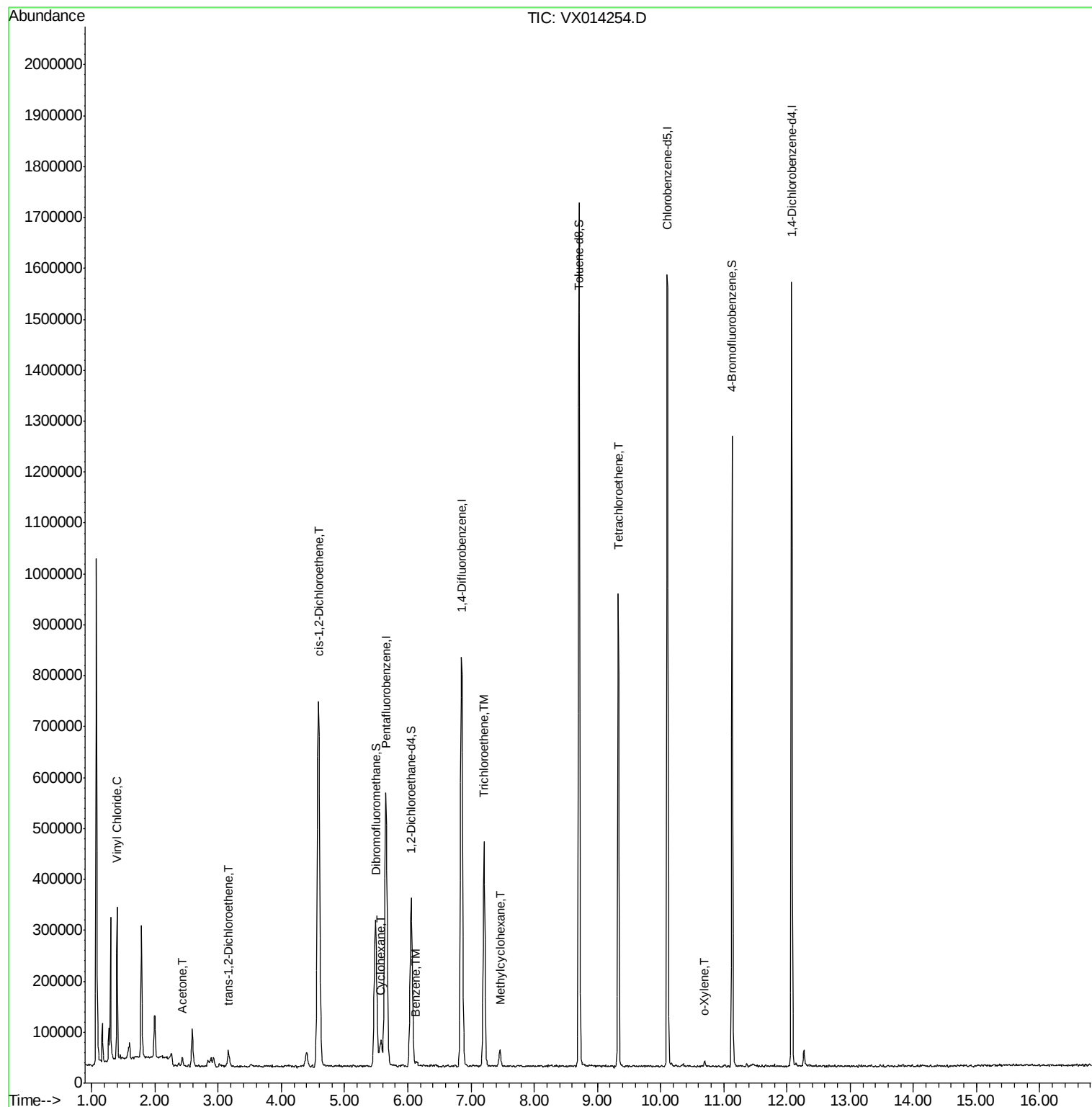
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	16191	2.298	ug/l	97
16) Acetone	2.43	43	20413	4.989	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	11436	1.941	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	463831	69.593	ug/l	89
31) Cyclohexane	5.56	56	36696	3.896	ug/l	98
39) Methylcyclohexane	7.46	83	16060	1.679	ug/l	94
40) Benzene	6.13	78	12150	0.510	ug/l	100
44) Trichloroethene	7.21	130	175315	26.634	ug/l	99
64) Tetrachloroethene	9.33	164	183845	28.020	ug/l	98
69) o-Xylene	10.70	106	3262	0.319	ug/l	90

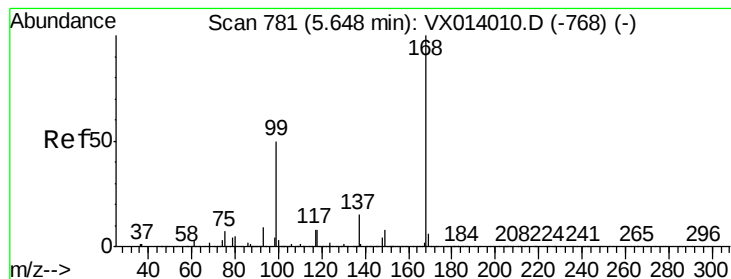
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

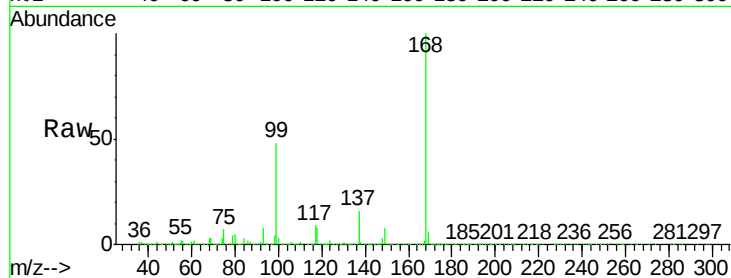
998-MW-17A-(15.5)

Tot Ion:168 Resp: 556094

Ion Ratio Lower Upper

168 100

99 47.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

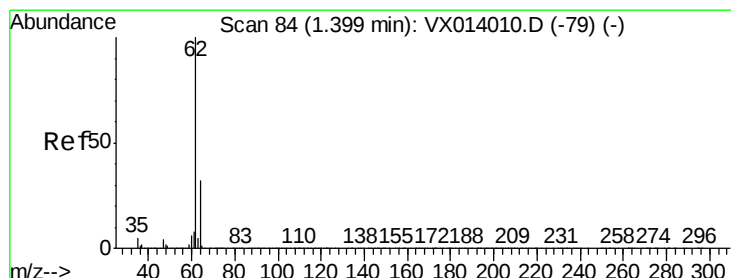
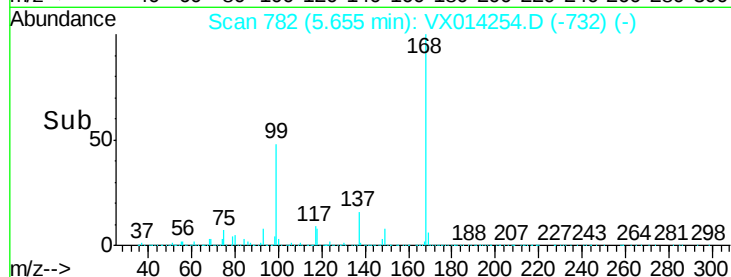
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 2.298 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014254.D

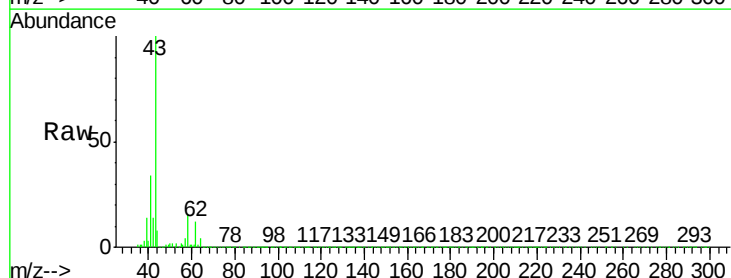
Acq: 24 Dec 2019 18:45

Tgt Ion: 62 Resp: 16191

Ion Ratio Lower Upper

62 100

64 33.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

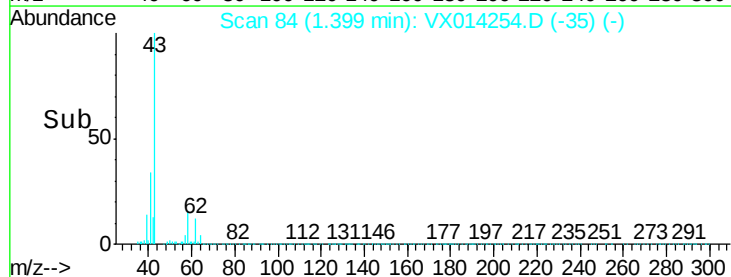
15000

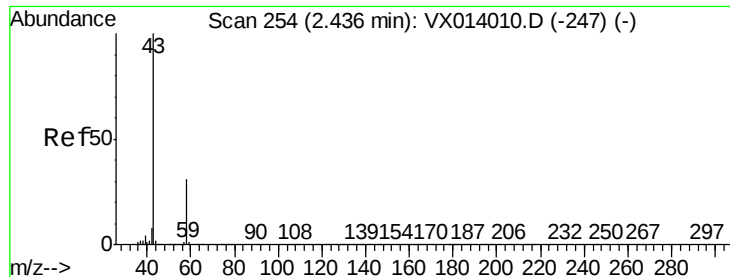
10000

5000

0

Time-->





#16

Acetone

Concen: 4.989 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

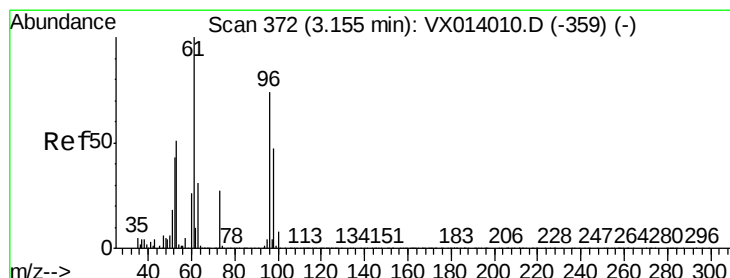
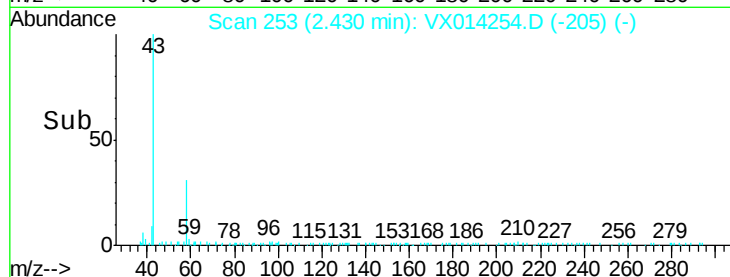
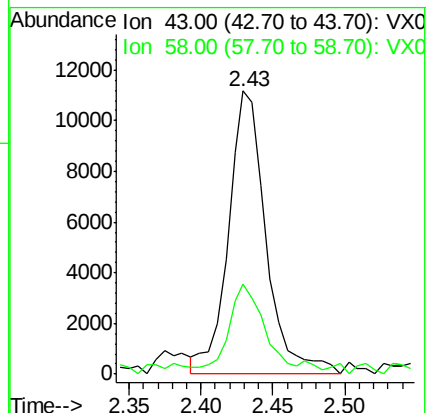
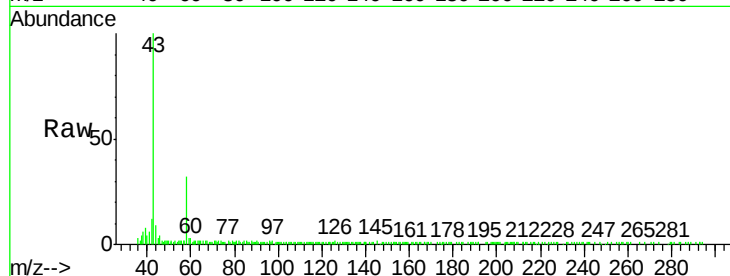
998-MW-17A-(15.5)

Tot Ion: 43 Resp: 20413

Ion Ratio Lower Upper

43 100

58 29.6 24.9 37.3



#21

trans-1,2-Dichloroethene

Concen: 1.941 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

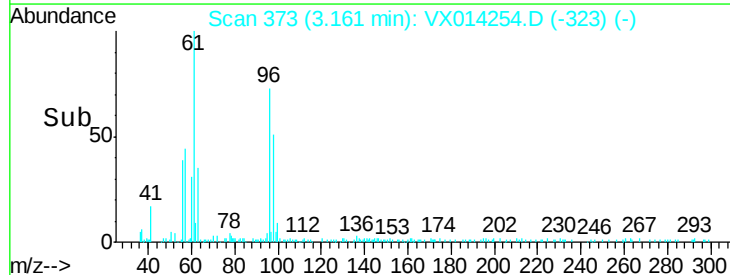
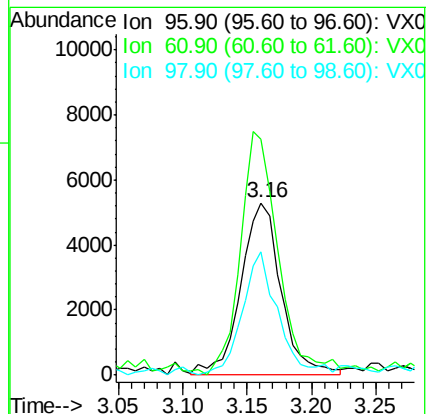
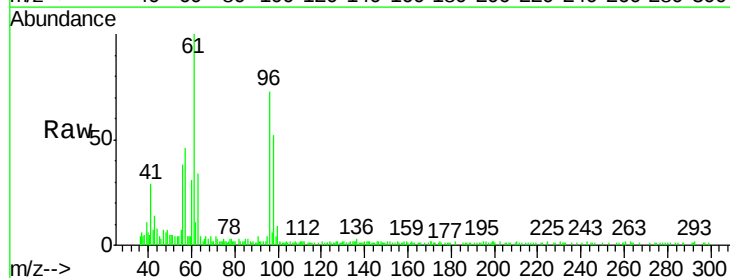
Tgt Ion: 96 Resp: 11436

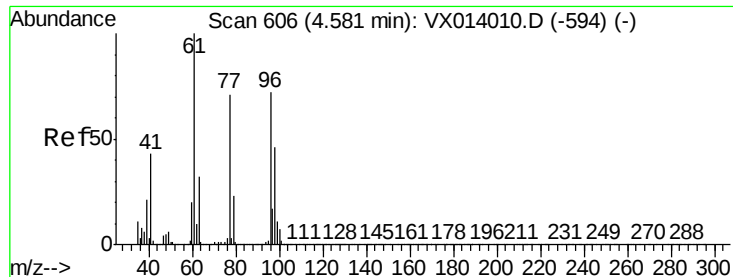
Ion Ratio Lower Upper

96 100

61 134.2 108.3 162.5

98 70.2 50.8 76.2



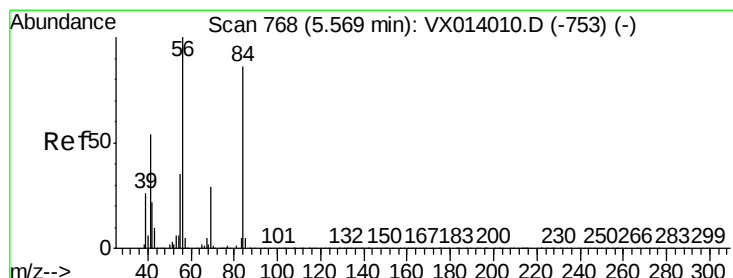
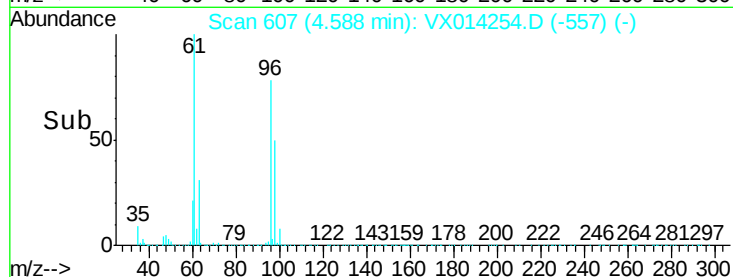
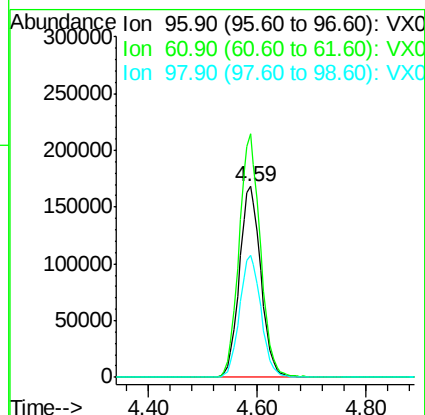
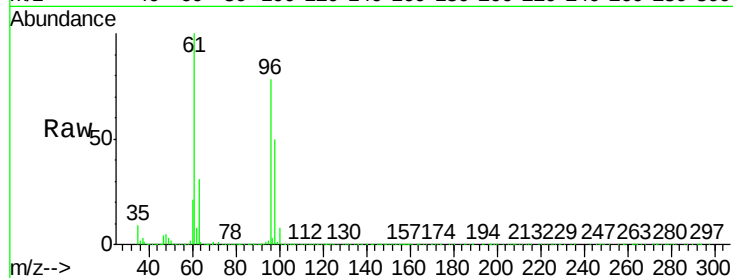


#27

cis-1,2-Dichloroethene
 Concen: 69.593 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX014254.D
 Acq: 24 Dec 2019 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 998-MW-17A-(15.5)

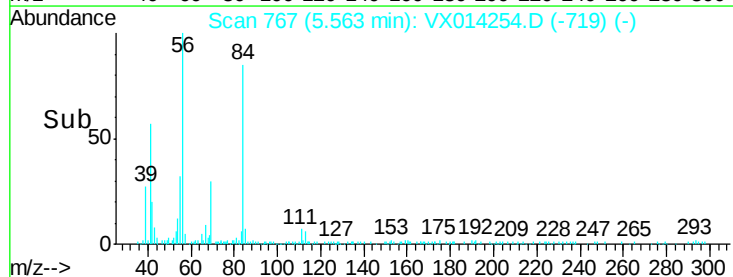
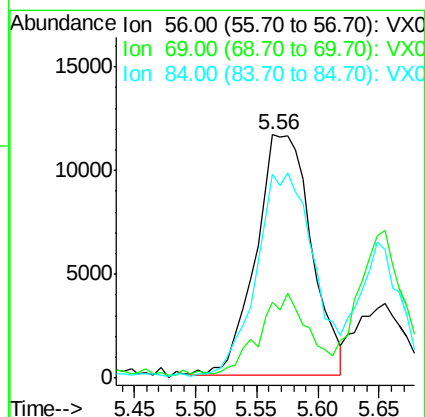
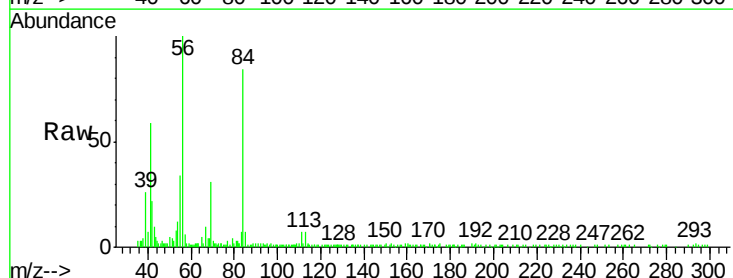
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	288.4
98	63.5	0.0	129.6

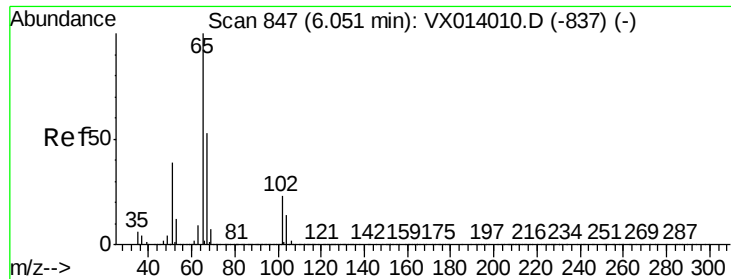


#31

Cyclohexane
 Concen: 3.896 ug/l
 RT: 5.56 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX014254.D
 Acq: 24 Dec 2019 18:45

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.2	34.8
84	83.8	69.2	103.8





#33

1,2-Dichloroethane-d4

Concen: 48.551 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

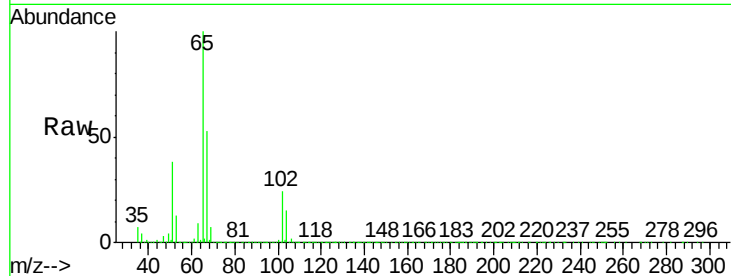
998-MW-17A-(15.5)

Tot Ion: 65 Resp: 305993

Ion Ratio Lower Upper

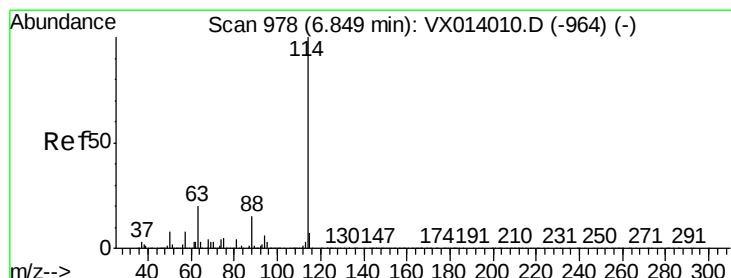
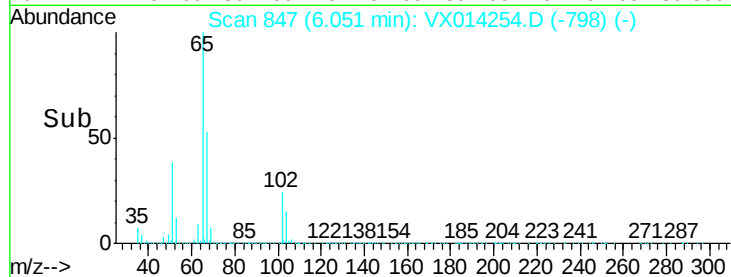
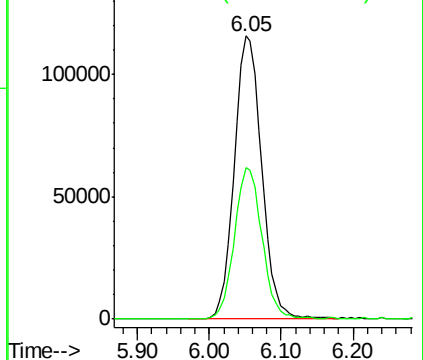
65 100

67 53.1 0.0 106.4



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: VX014254.D

Acq: 24 Dec 2019 18:45

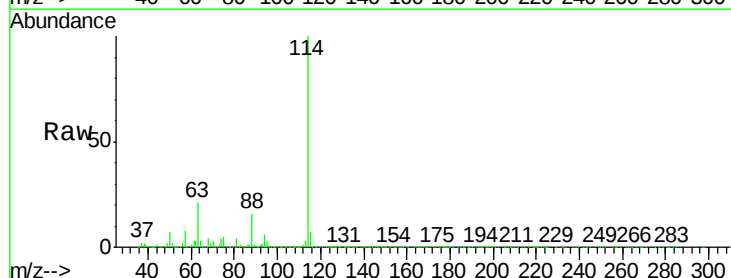
Tgt Ion: 114 Resp: 844118

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

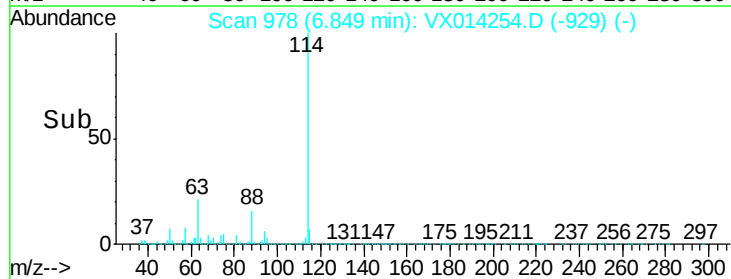
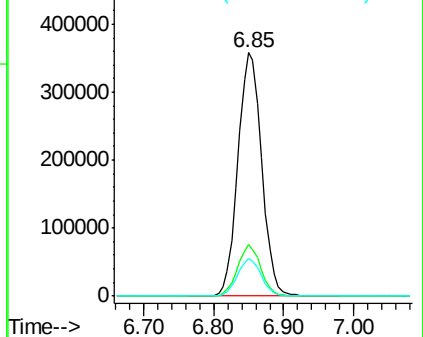
88 15.6 0.0 30.4

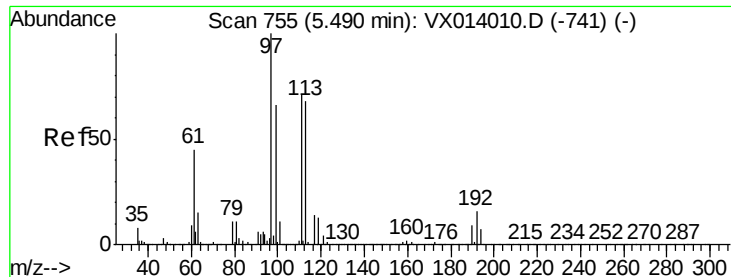


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.579 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

998-MW-17A-(15.5)

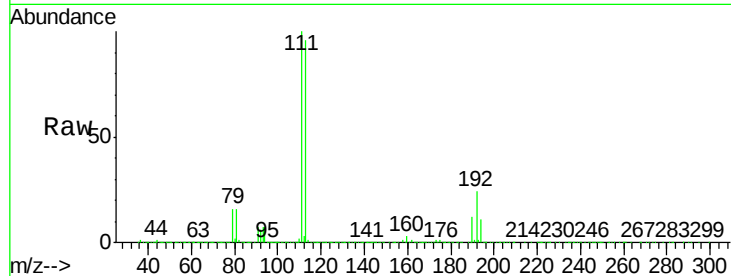
Tot Ion:113 Resp: 254407

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

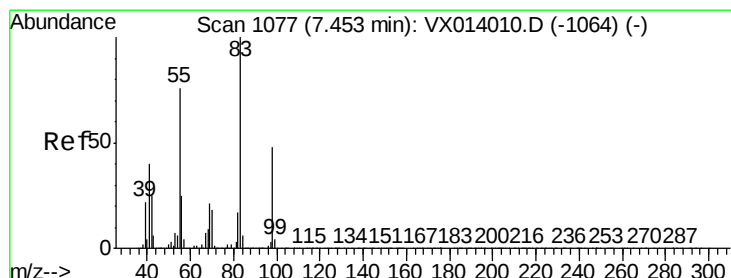
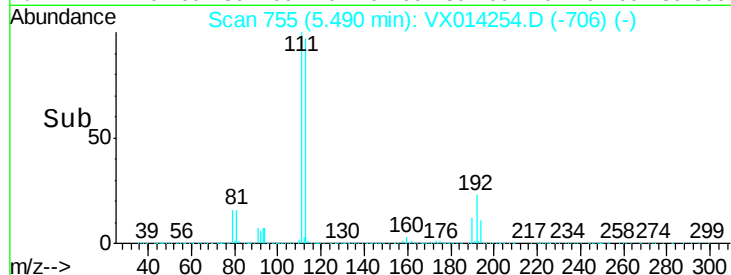
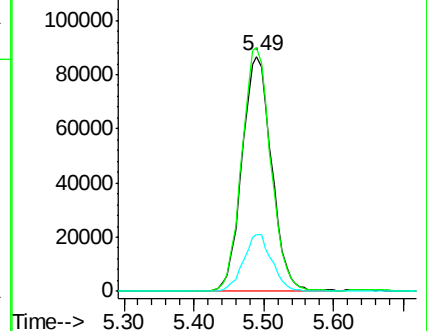
192 23.2 19.3 28.9



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



#39

Methylcyclohexane

Concen: 1.679 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

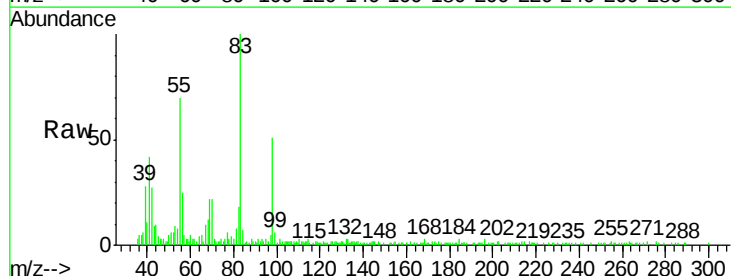
Tgt Ion: 83 Resp: 16060

Ion Ratio Lower Upper

83 100

55 69.7 61.0 91.6

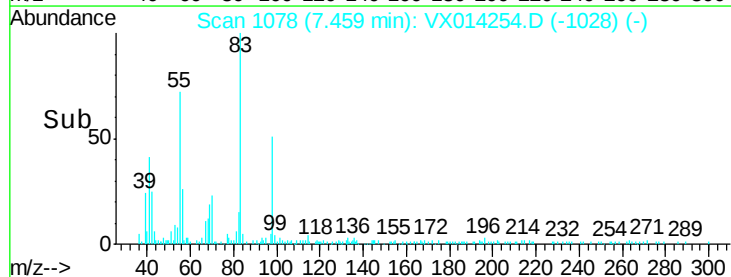
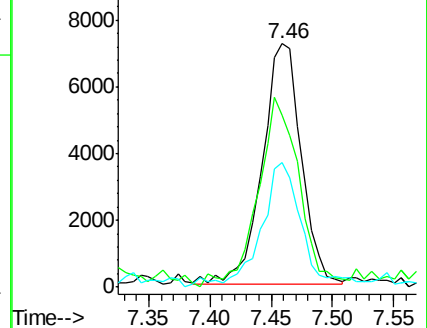
98 50.5 38.6 57.8

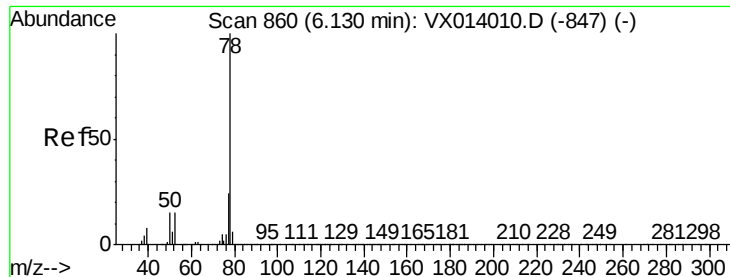


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.510 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

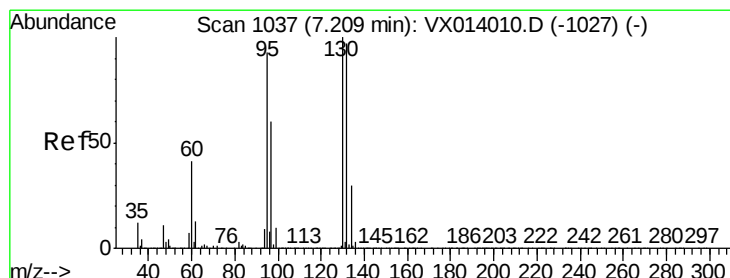
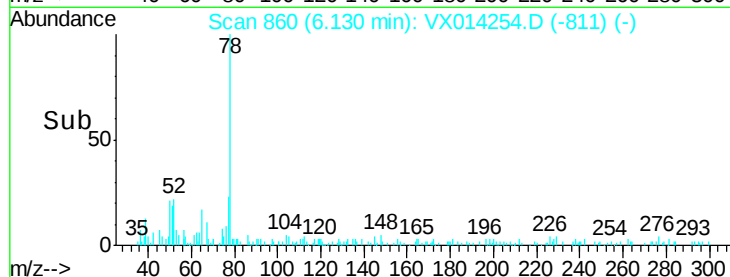
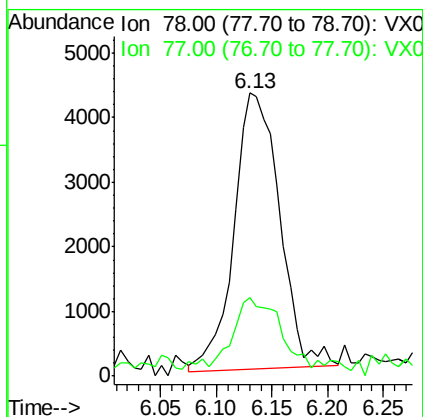
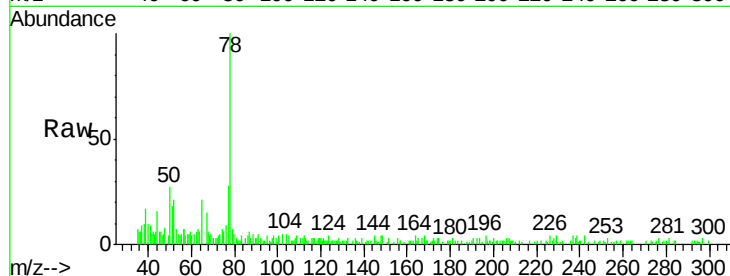
998-MW-17A-(15.5)

Tot Ion: 78 Resp: 12150

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



#44

Trichloroethene

Concen: 26.634 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014254.D

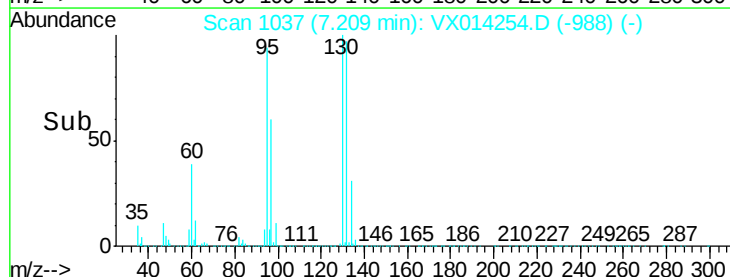
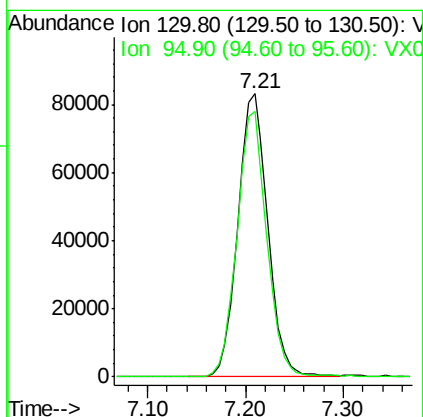
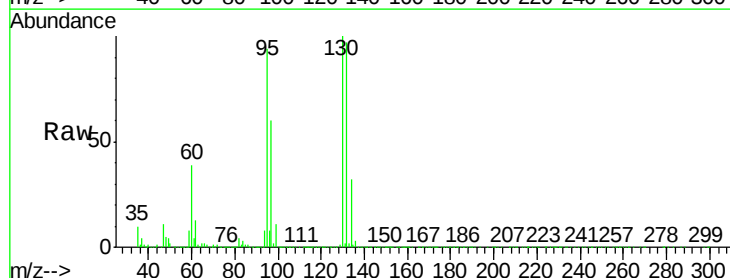
Acq: 24 Dec 2019 18:45

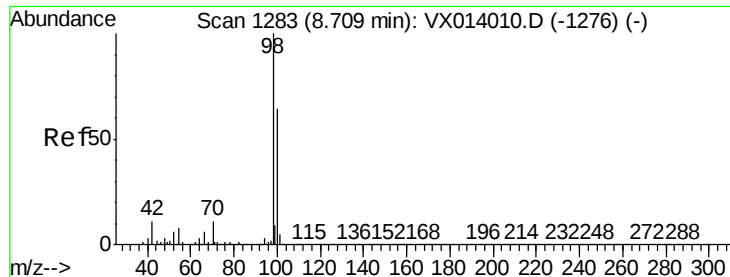
Tgt Ion: 130 Resp: 175315

Ion Ratio Lower Upper

130 100

95 93.9 0.0 185.6





#50

Toluene-d8

Concen: 49.741 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

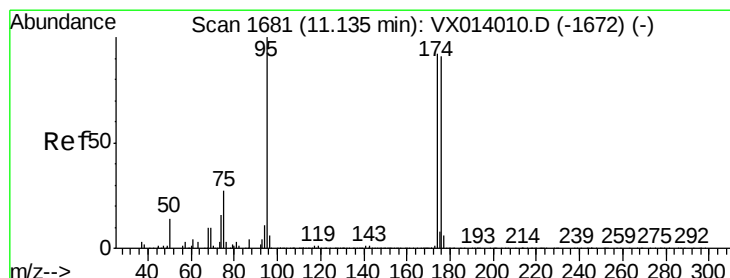
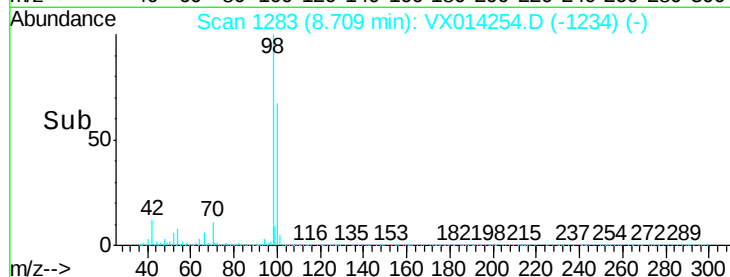
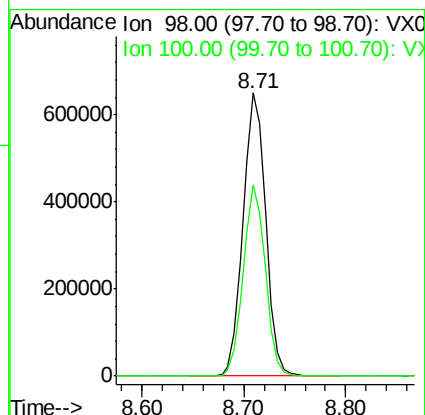
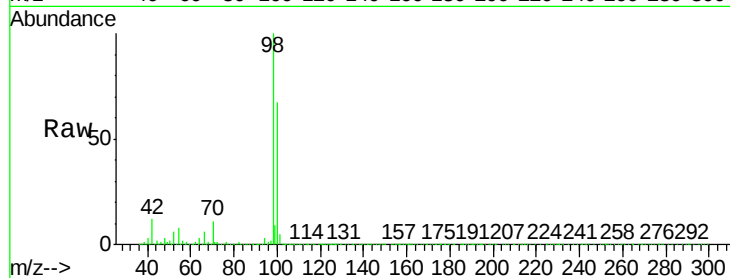
998-MW-17A-(15.5)

Tot Ion: 98 Resp: 993695

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.165 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014254.D

Acq: 24 Dec 2019 18:45

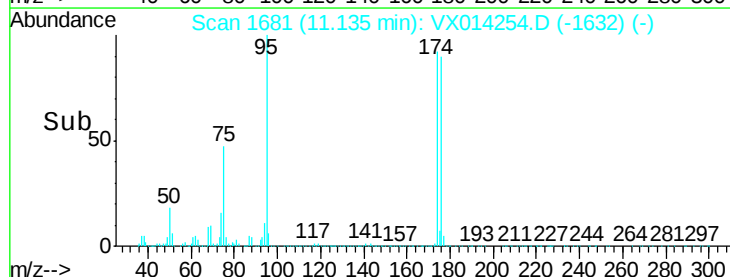
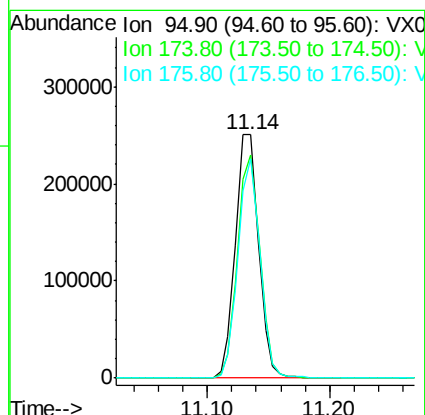
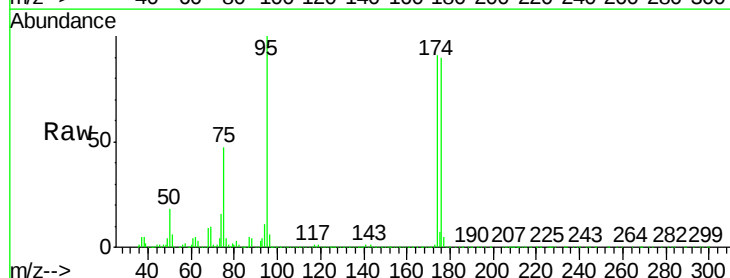
Tgt Ion: 95 Resp: 329822

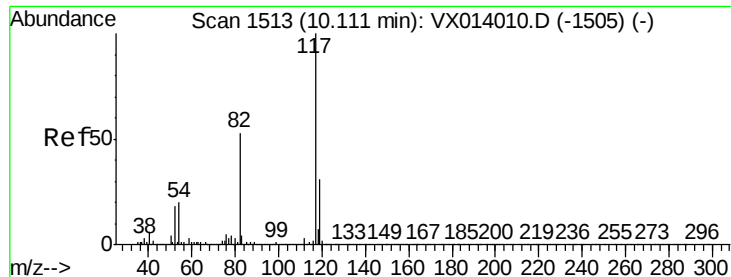
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 85.4 0.0 173.0

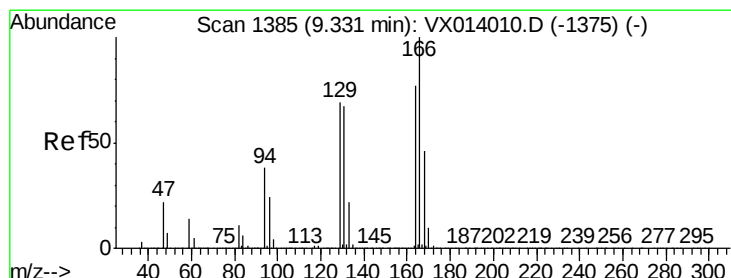
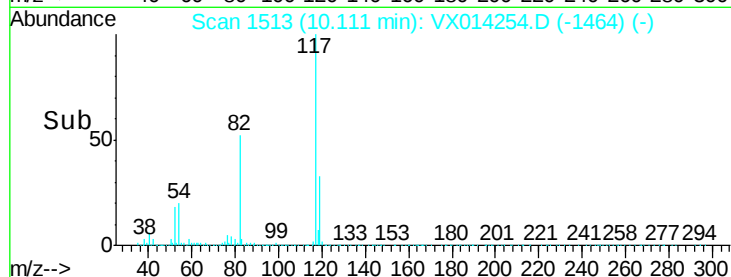
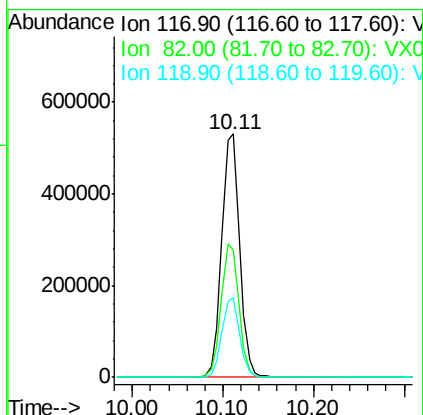
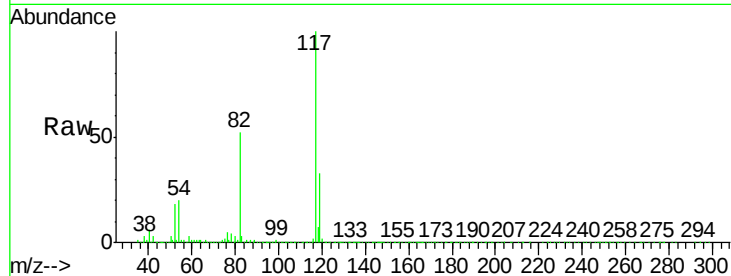




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014254.D
Acq: 24 Dec 2019 18:45

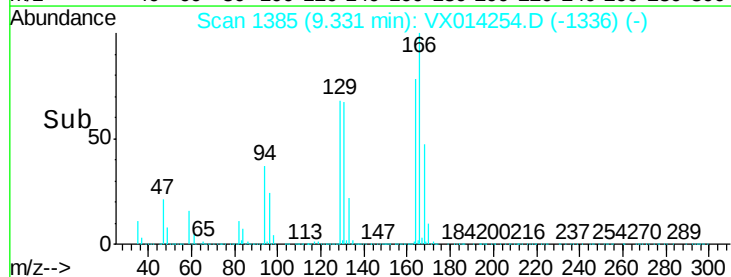
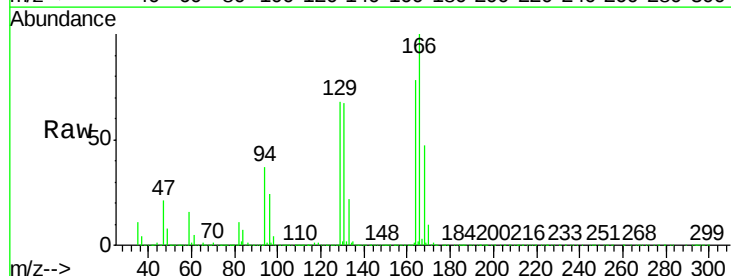
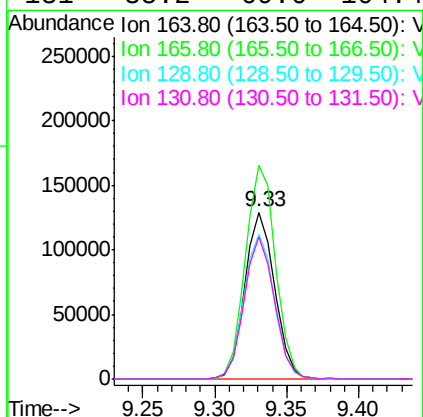
Instrument :
MSVOA_X
ClientSampleId :
998-MW-17A-(15.5)

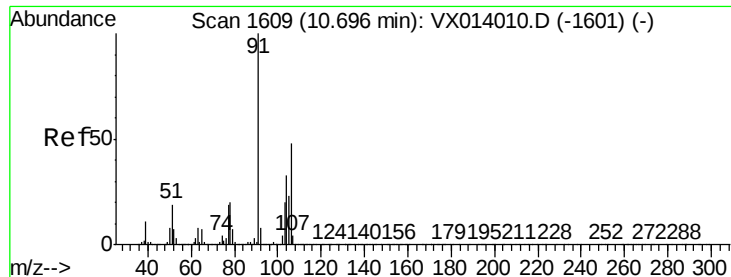
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	32.9	25.1	37.7



#64
Tetrachloroethene
Concen: 28.020 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014254.D
Acq: 24 Dec 2019 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	104.0	156.0
129	86.8	72.2	108.4
131	85.2	69.6	104.4

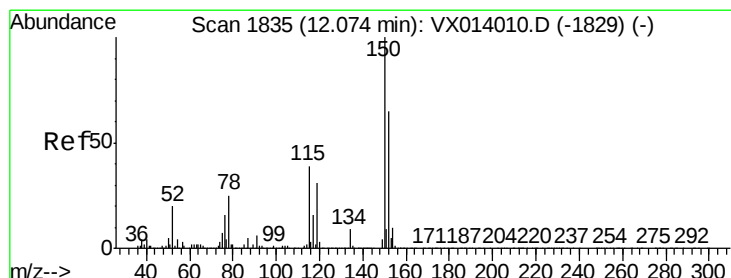
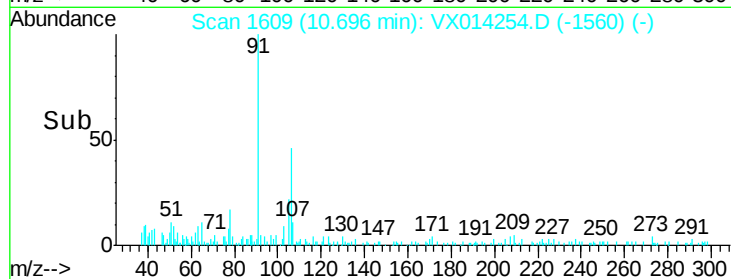
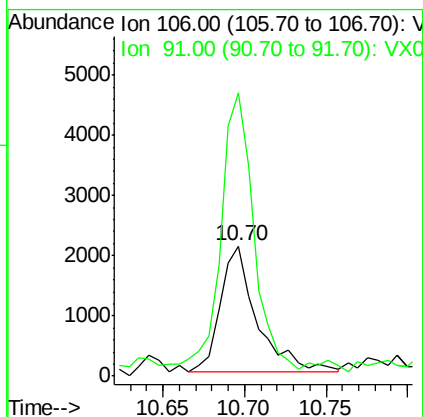
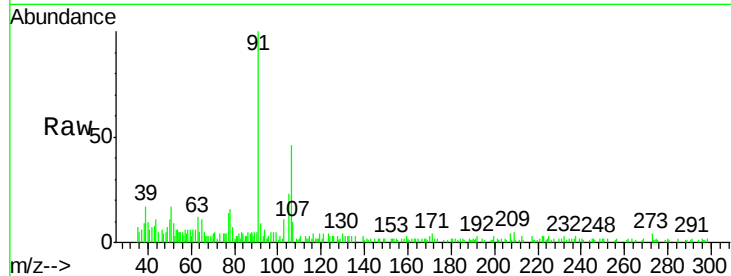




#69
o-Xylene
Concen: 0.319 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014254.D
Acq: 24 Dec 2019 18:45

Instrument :
MSVOA_X
ClientSampleId :
998-MW-17A-(15.5)

Tot Ion:106 Resp: 3262
Ion Ratio Lower Upper
106 100
91 192.9 104.2 312.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014254.D
Acq: 24 Dec 2019 18:45

Tgt Ion:152 Resp: 318309
Ion Ratio Lower Upper
152 100
115 55.8 38.3 114.9
150 158.6 0.0 345.4

