

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009758.D
 Acq On : 21 May 2019 19:18
 Operator : JC/SP
 Sample : K2973-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0151

Quant Time: May 22 08:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94136	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115258	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	83299	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	8.71	98	339464	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	108606	43.65	ug/l	0.00
Spiked Amount			Recovery	=	87.30%	

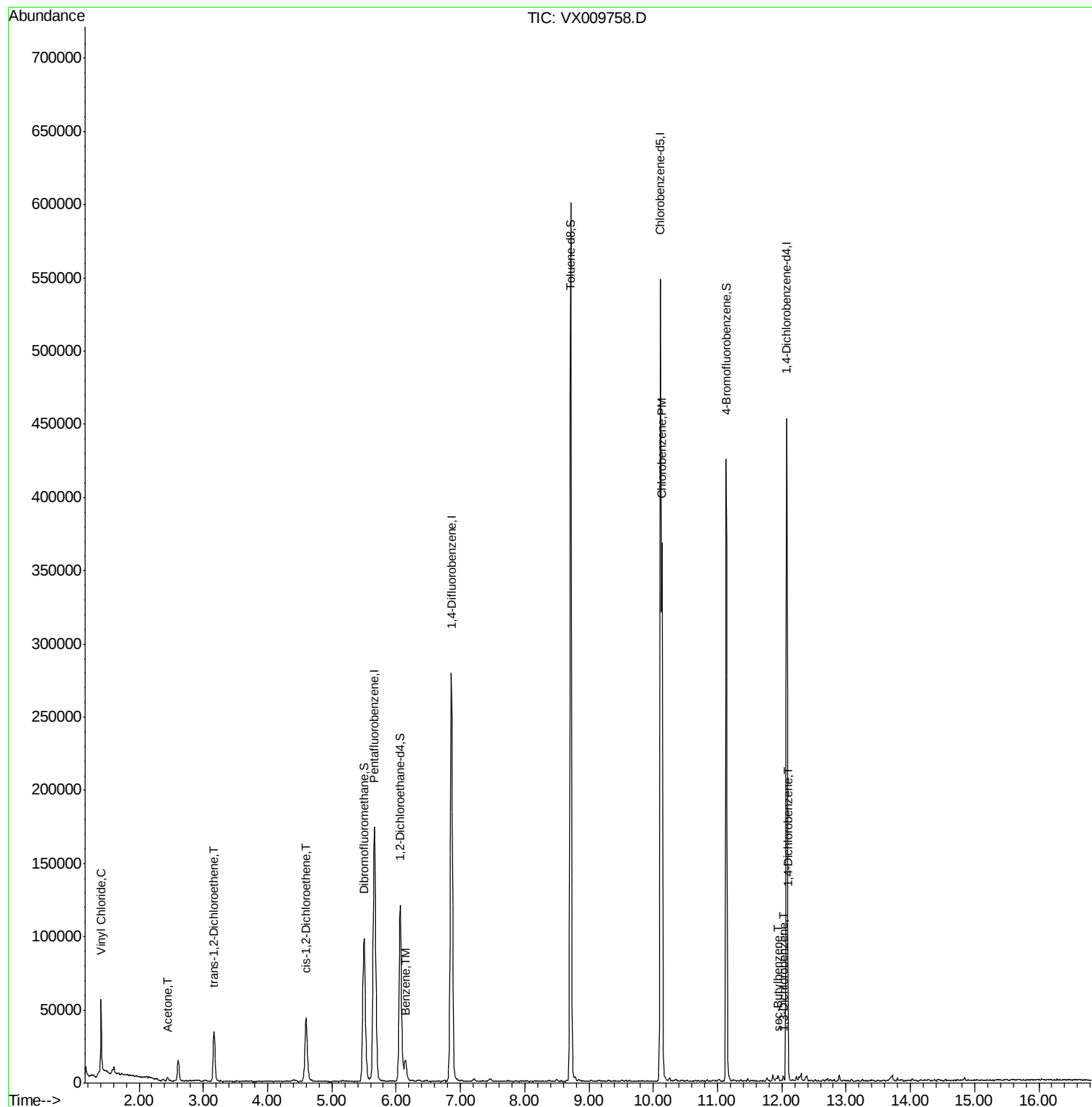
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	34222	16.533	ug/l	97
16) Acetone	2.45	43	2722	2.201	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	13443	7.830	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	26051	12.712	ug/l	92
40) Benzene	6.15	78	16700	2.152	ug/l	98
65) Chlorobenzene	10.13	112	142893	30.607	ug/l	99
85) sec-Butylbenzene	11.94	105	1688	0.254	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	957	0.316	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	6072	1.988	ug/l	86

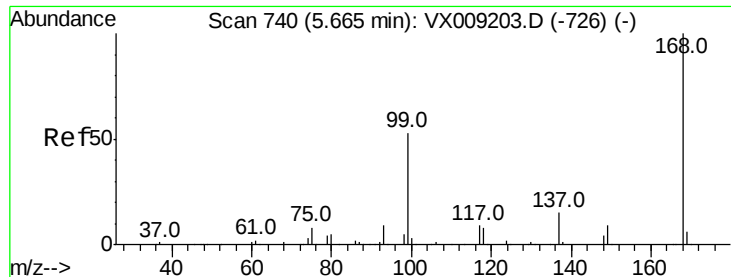
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009758.D

Acq: 21 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

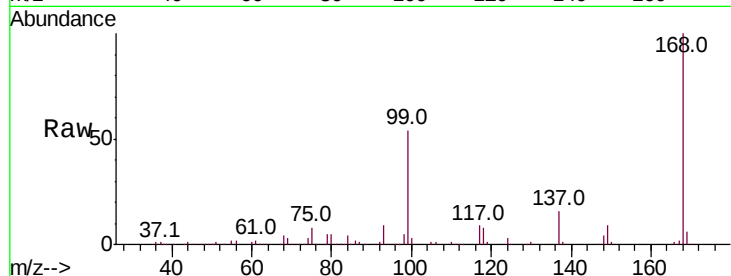
S36-0151

Tot Ion:168 Resp: 168725

Ion Ratio Lower Upper

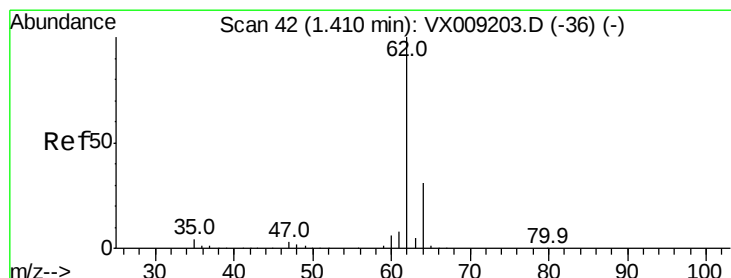
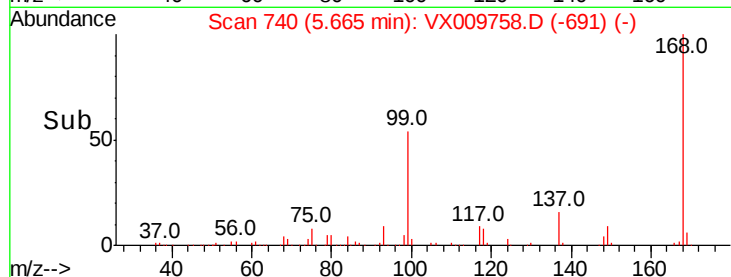
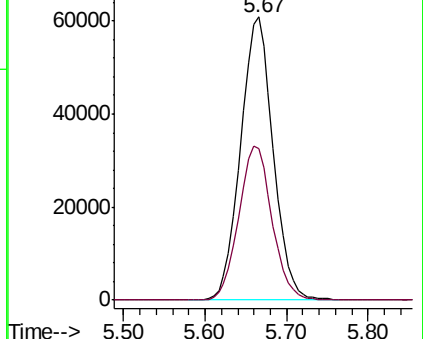
168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 16.533 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009758.D

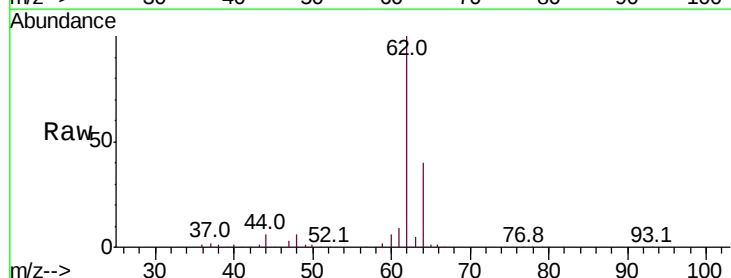
Acq: 21 May 2019 19:18

Tgt Ion: 62 Resp: 34222

Ion Ratio Lower Upper

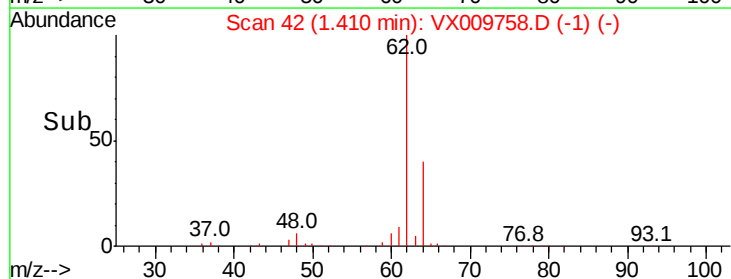
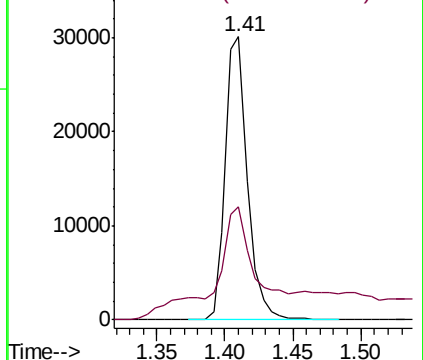
62 100

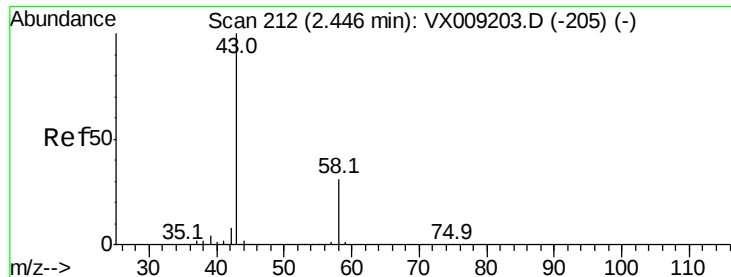
64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.201 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

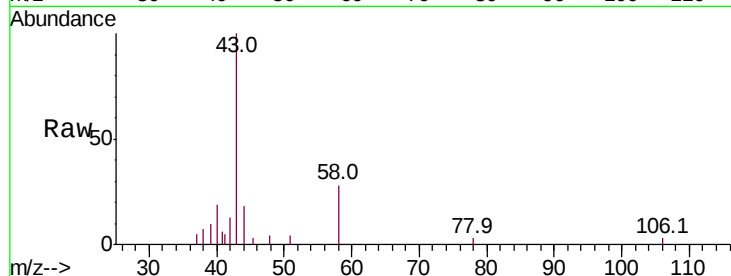
S36-0151

Tot Ion: 43 Resp: 2722

Ion Ratio Lower Upper

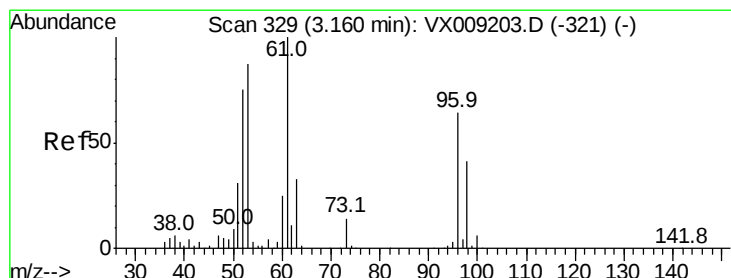
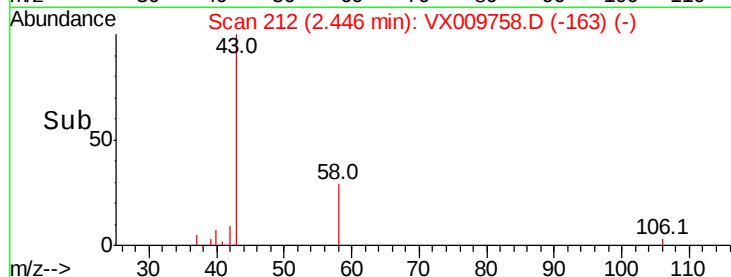
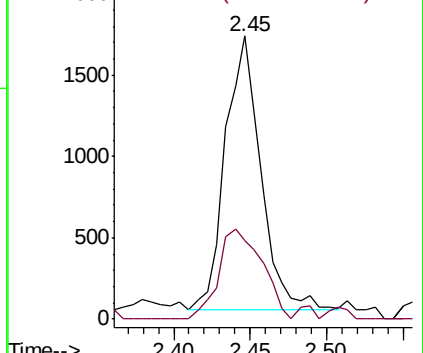
43 100

58 28.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 7.830 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

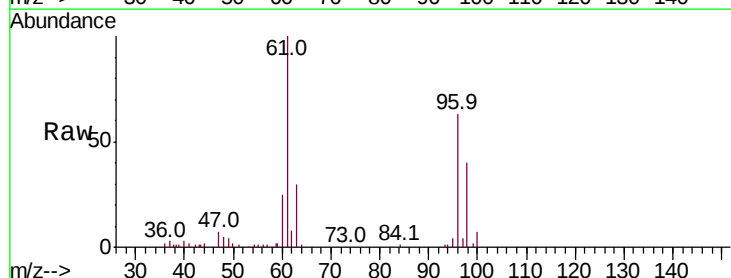
Tgt Ion: 96 Resp: 13443

Ion Ratio Lower Upper

96 100

61 158.5 124.5 186.7

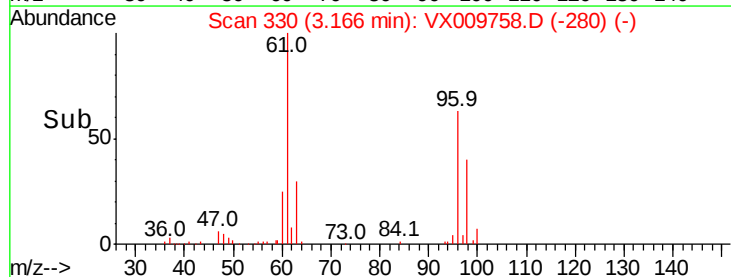
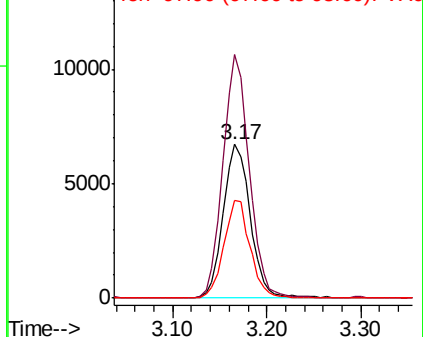
98 63.5 50.4 75.6

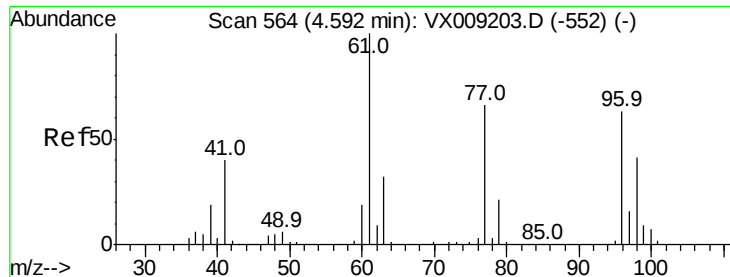


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



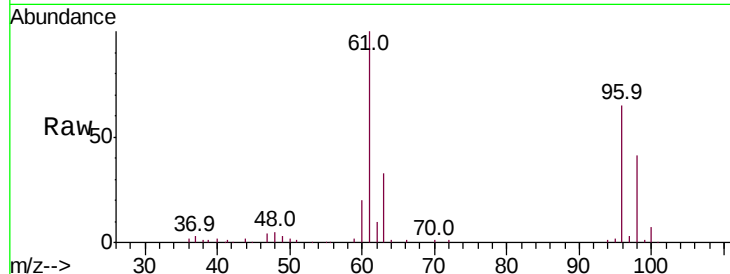


#27

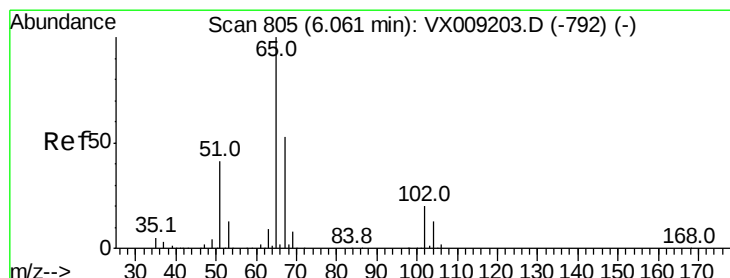
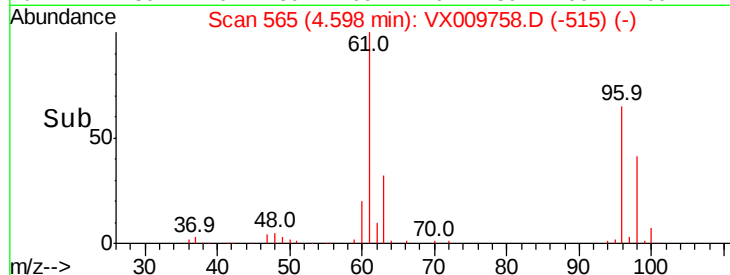
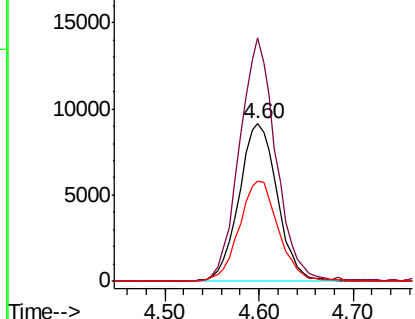
cis-1,2-Dichloroethene
 Concen: 12.712 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009758.D
 Acq: 21 May 2019 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0151

Tot Ion	96	Resp	26051
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	324.0
98	64.7	0.0	130.4



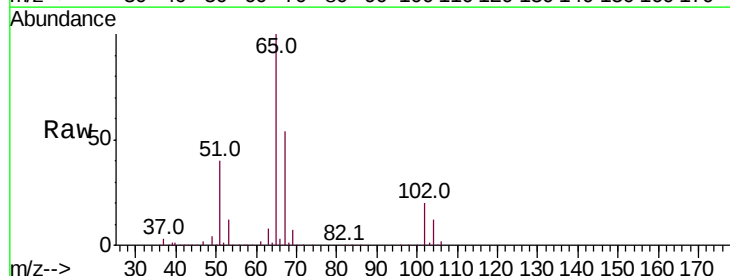
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



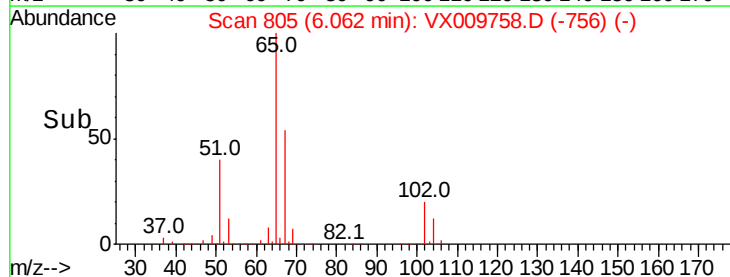
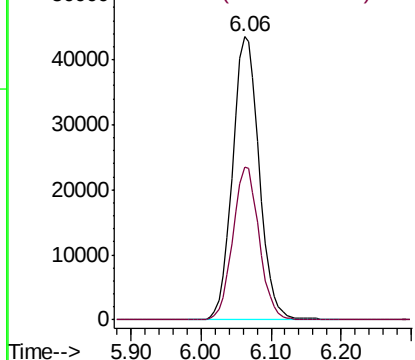
#33

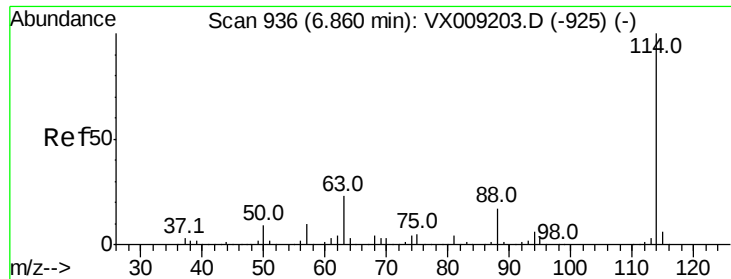
1,2-Dichloroethane-d4
 Concen: 50.040 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009758.D
 Acq: 21 May 2019 19:18

Tgt Ion	65	Resp	115258
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

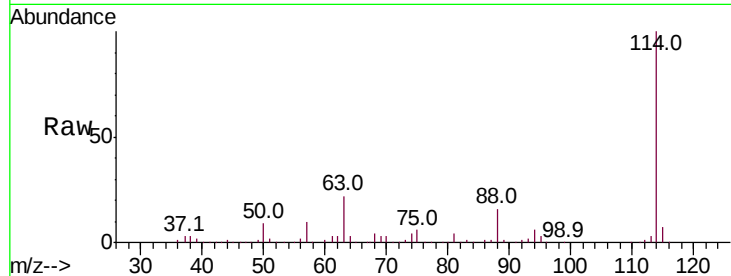




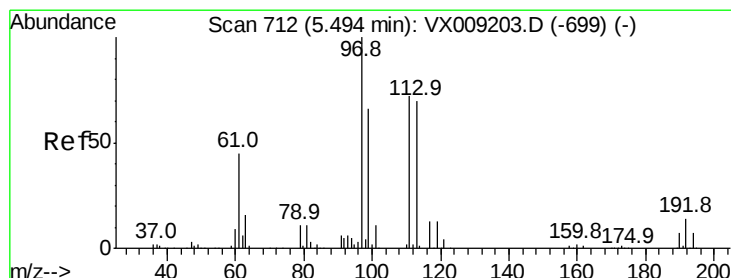
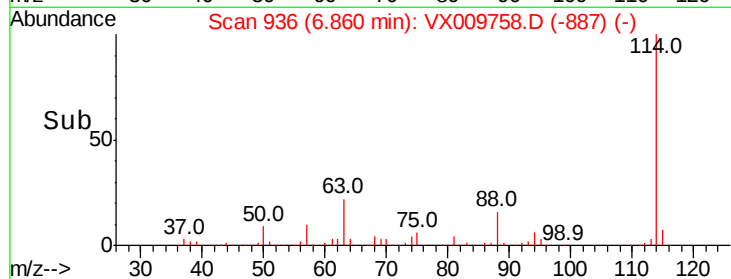
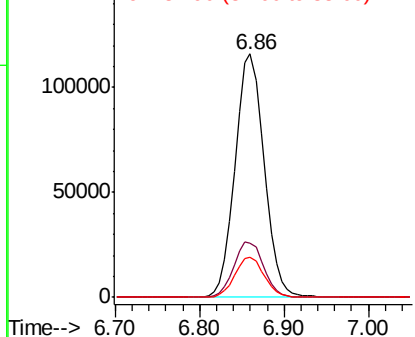
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009758.D
 Acq: 21 May 2019 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0151

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.6
88	16.4	0.0	33.2

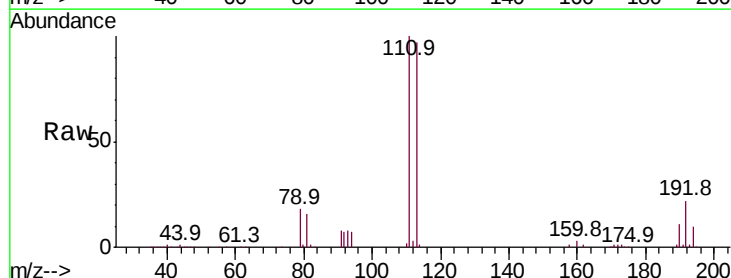


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

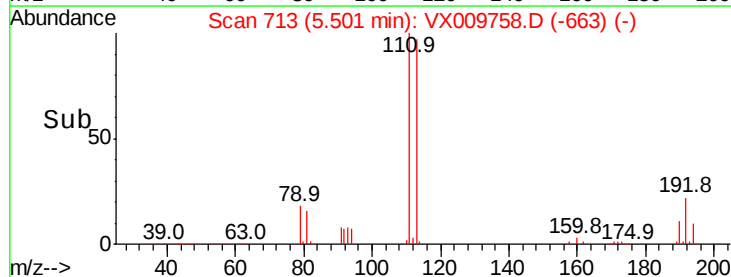
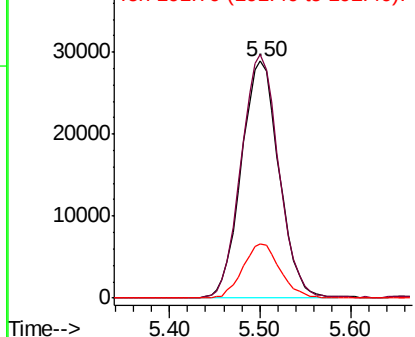


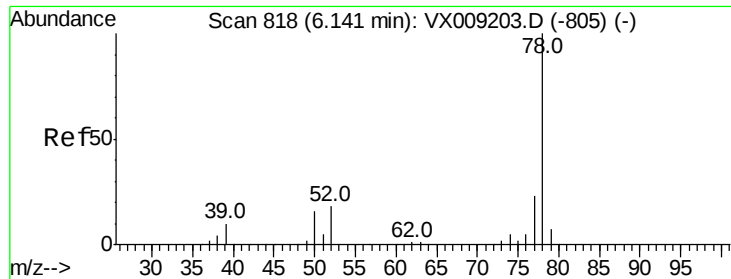
#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009758.D
 Acq: 21 May 2019 19:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	22.5	17.0	25.6



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





#40

Benzene

Concen: 2.152 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

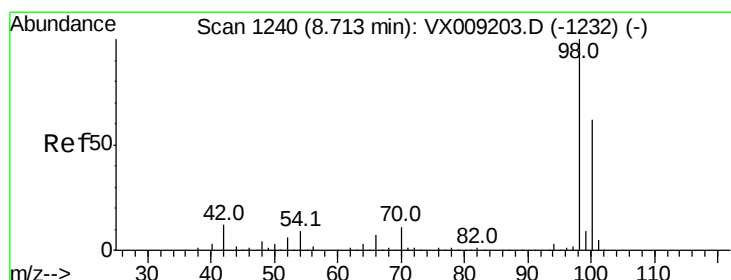
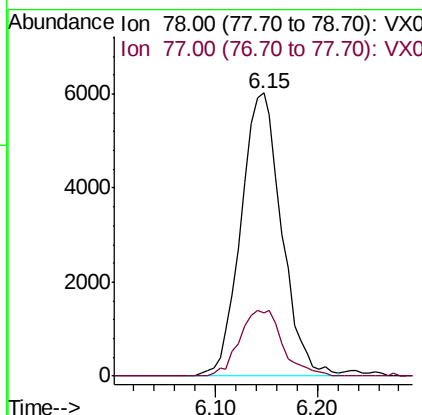
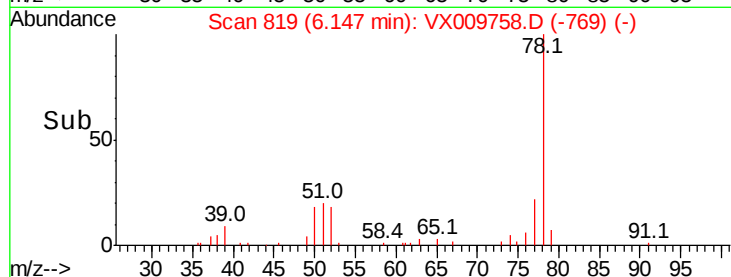
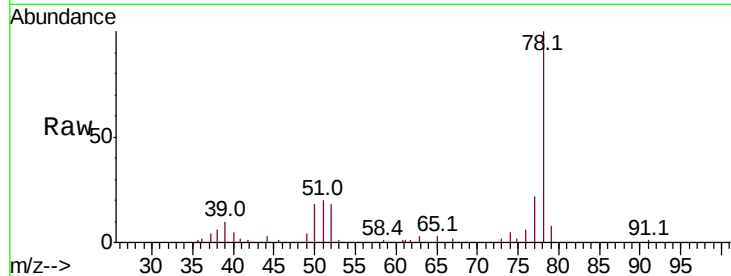
S36-0151

Tot Ion: 78 Resp: 16700

Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2



#50

Toluene-d8

Concen: 49.572 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009758.D

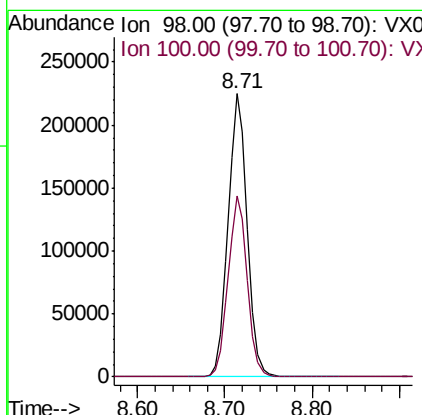
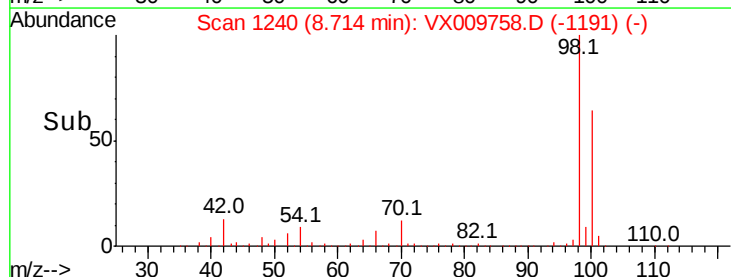
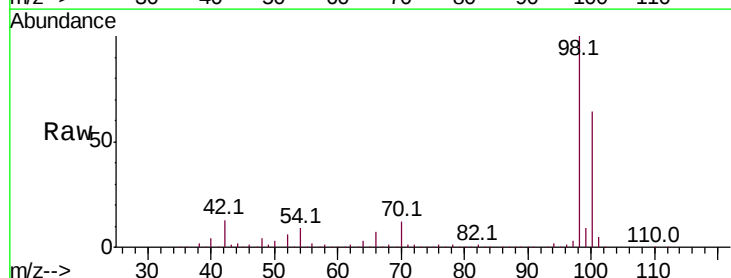
Acq: 21 May 2019 19:18

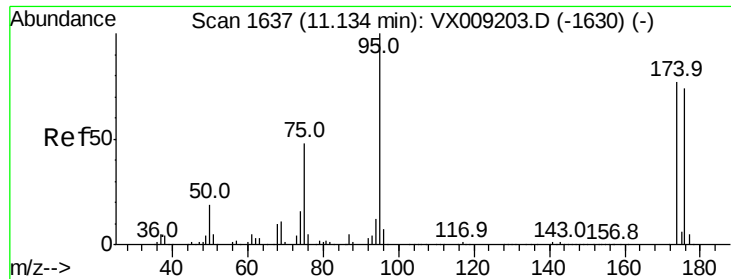
Tgt Ion: 98 Resp: 339464

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.647 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

S36-0151

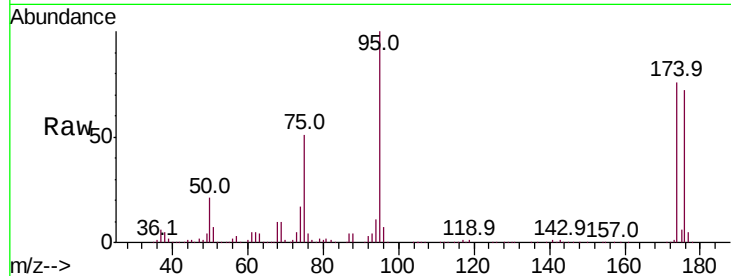
Tot Ion: 95 Resp: 108606

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

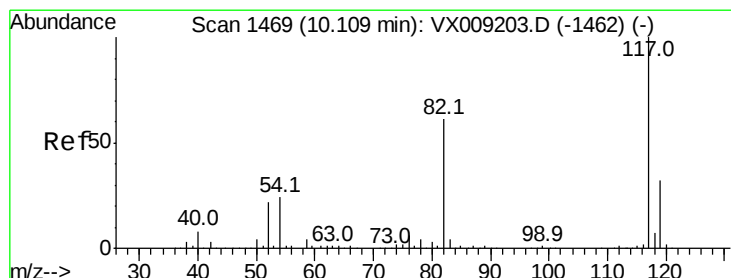
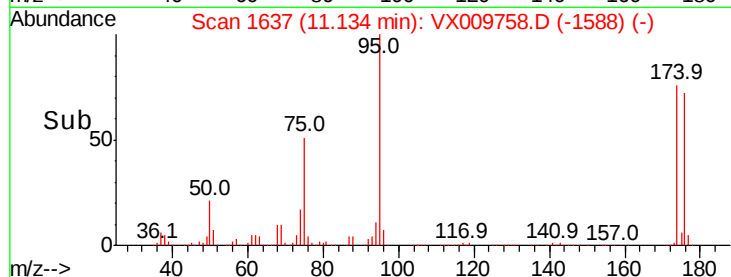
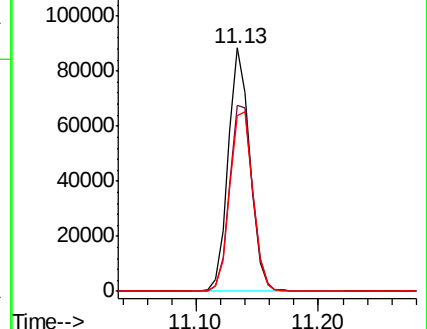
176 78.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009203.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009203.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009203.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

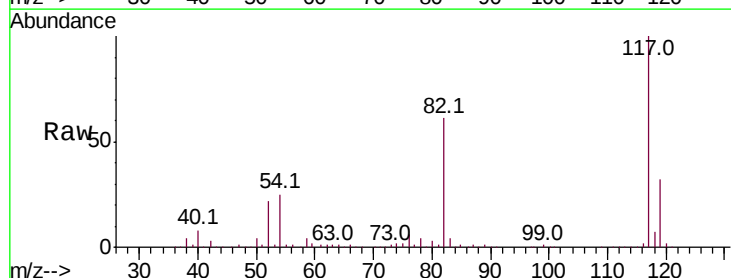
Tgt Ion: 117 Resp: 233382

Ion Ratio Lower Upper

117 100

82 60.9 48.8 73.2

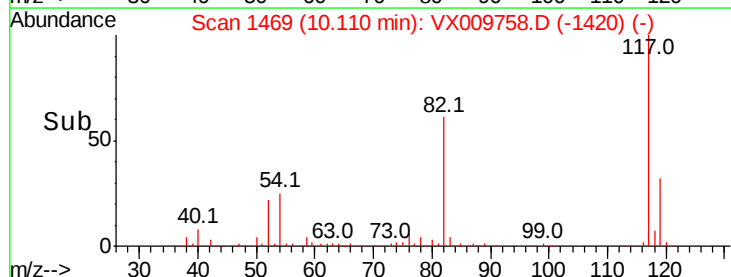
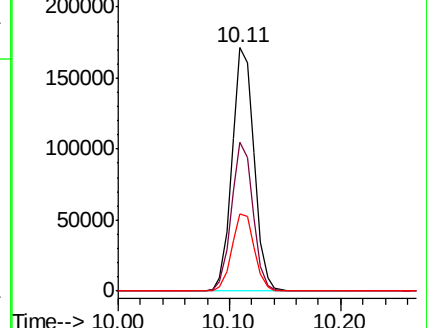
119 31.6 25.8 38.6

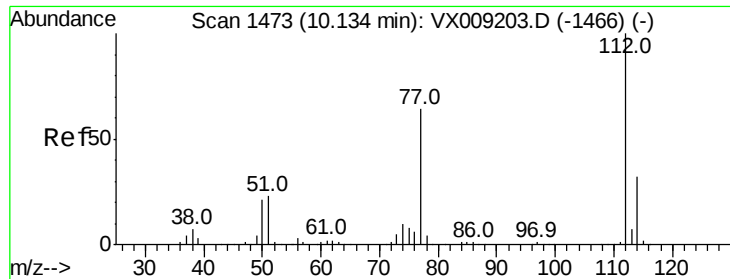


Abundance Ion 116.90 (116.60 to 117.60): VX009203.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX009203.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX009203.D (-1462) (-)

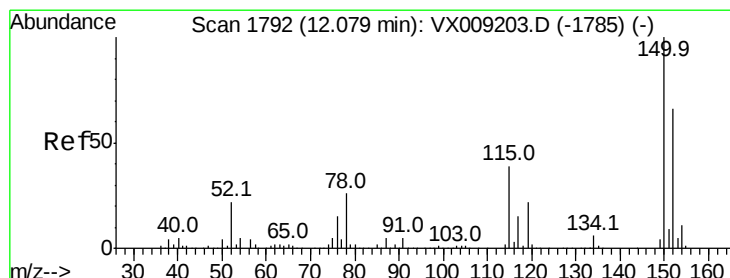
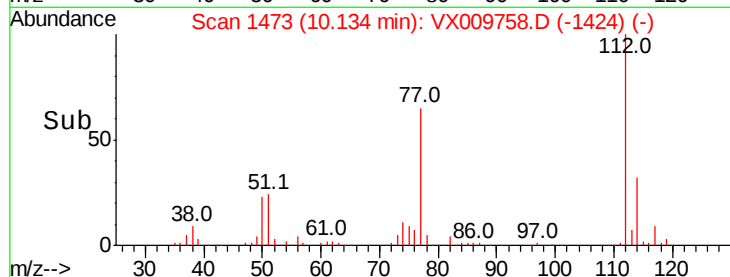
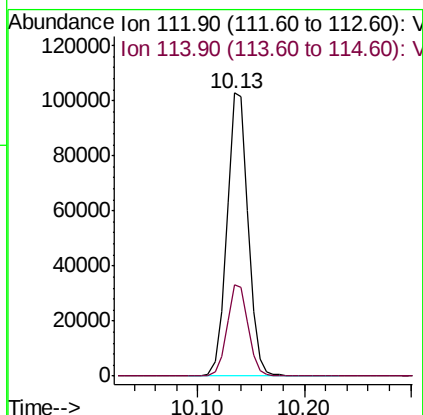
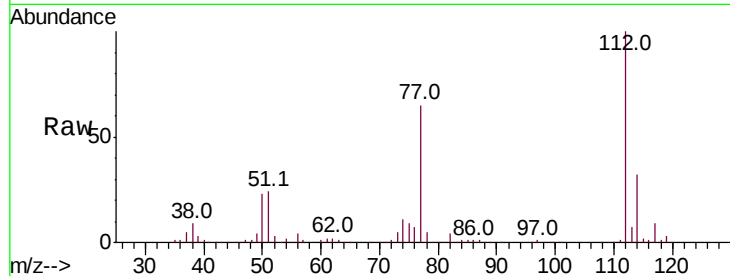




#65
Chlorobenzene
Concen: 30.607 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009758.D
Acq: 21 May 2019 19:18

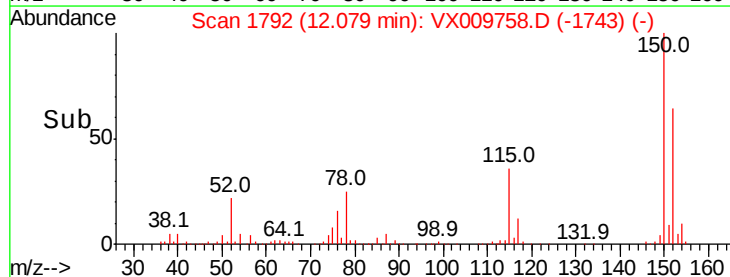
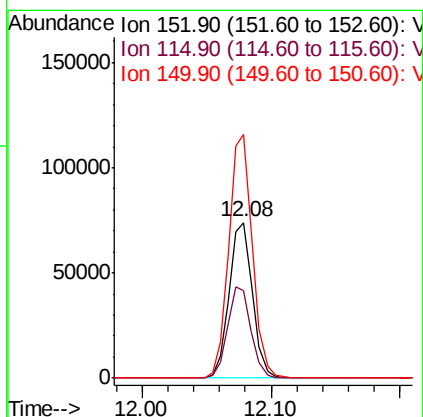
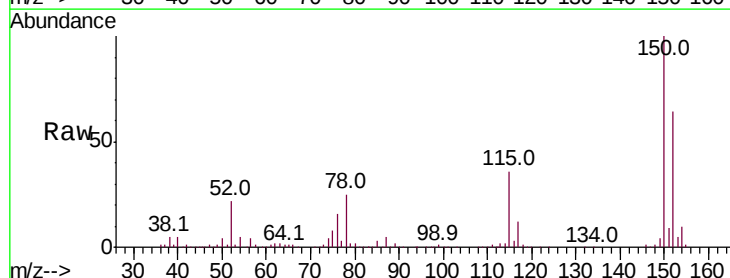
Instrument :
MSVOA_X
ClientSampled :
S36-0151

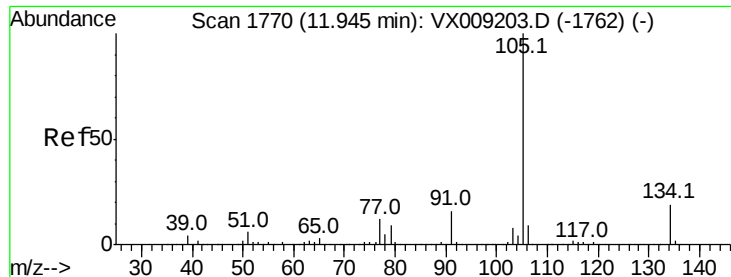
Tot Ion:112 Resp: 142893
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009758.D
Acq: 21 May 2019 19:18

Tgt Ion:152 Resp: 94136
Ion Ratio Lower Upper
152 100
115 58.9 41.2 123.6
150 157.2 0.0 346.4





#85

sec-Butylbenzene

Concen: 0.254 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

Instrument :

MSVOA_X

ClientSampled :

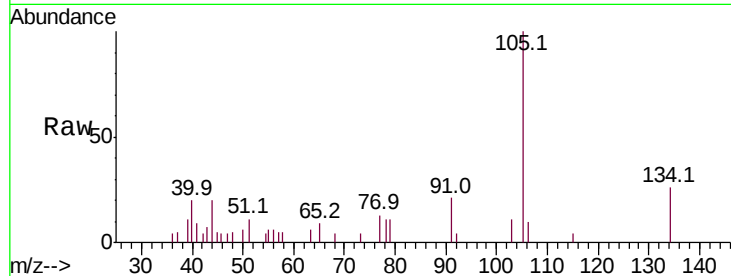
S36-0151

Tot Ion:105 Resp: 1688

Ion Ratio Lower Upper

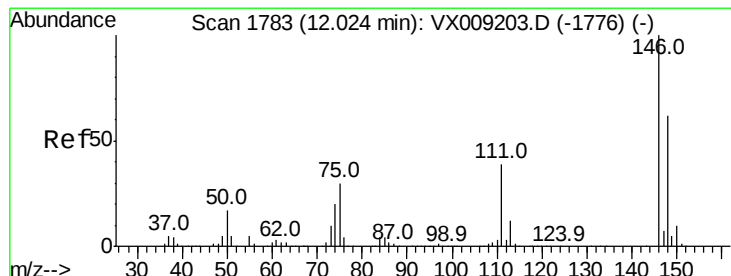
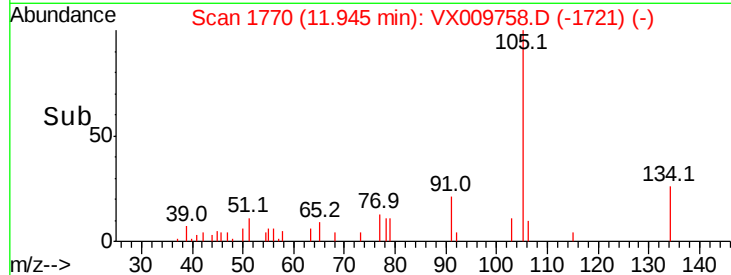
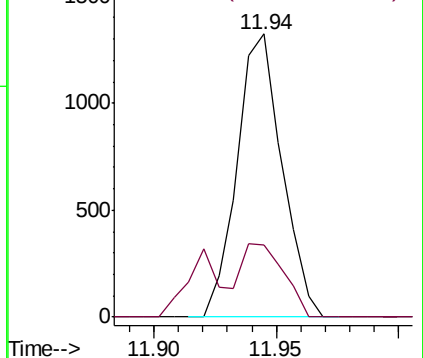
105 100

134 23.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.316 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

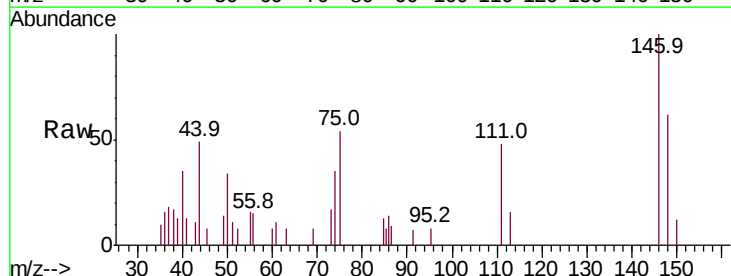
Tgt Ion:146 Resp: 957

Ion Ratio Lower Upper

146 100

111 44.2 20.0 59.9

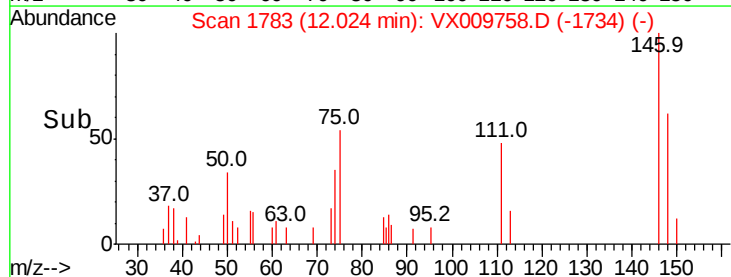
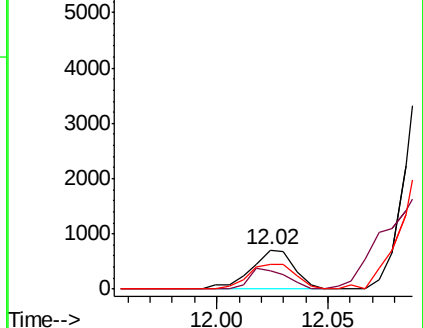
148 70.2 31.8 95.3

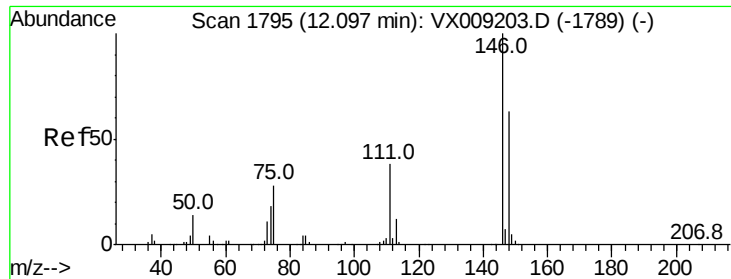


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.988 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009758.D

Acq: 21 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

S36-0151

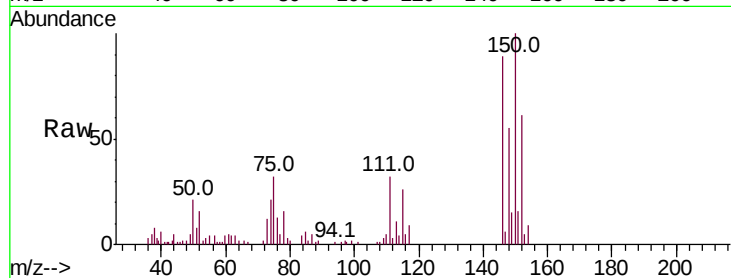
Tot Ion:146 Resp: 6072

Ion Ratio Lower Upper

146 100

111 57.0 19.6 58.8

148 66.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

