

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009378.D
 Acq On : 07 May 2019 15:44
 Operator : JC/SP
 Sample : K2721-01 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506

Manual Integrations
 APPROVED

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 5/8/2019 10:10:45 AM

Quant Time: May 08 02:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119350	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	5.50	113	90710	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	368535	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	121927	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
65) Chlorobenzene	10.13	112	9164	1.766	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1639	0.455	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	4607m	1.269	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	25570	6.972	ug/l	99

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

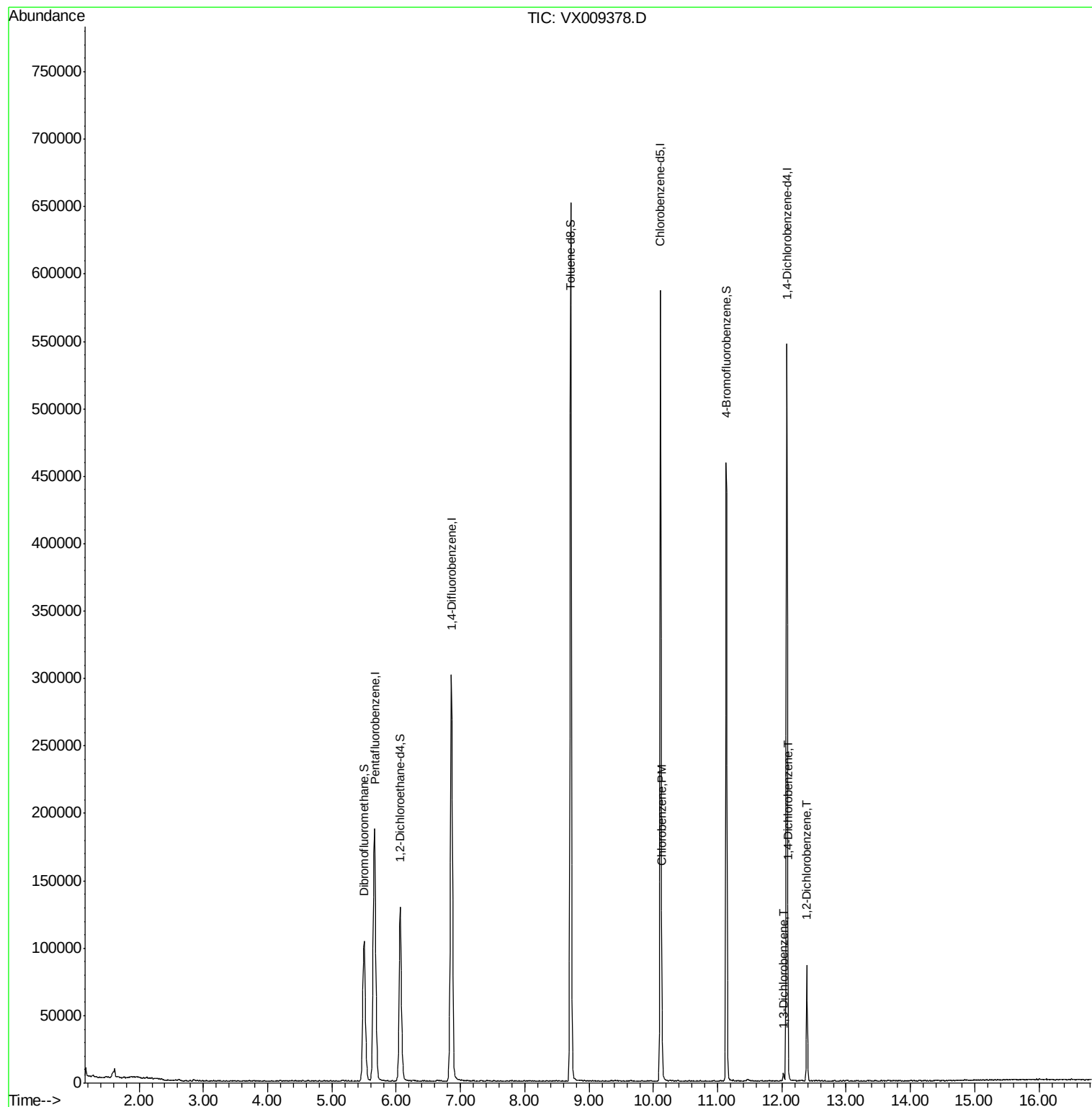
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050719\
Data File : VX009378.D
Acq On : 07 May 2019 15:44
Operator : JC/SP
Sample : K2721-01 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

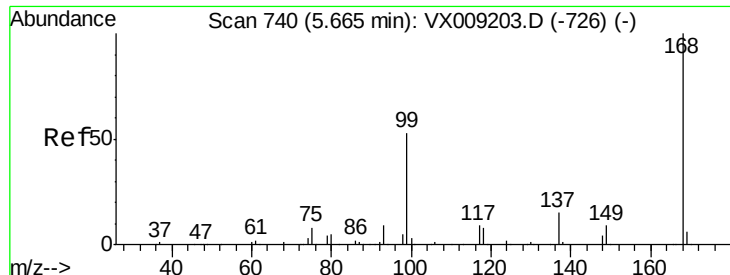
Instrument :
MSVOA_X
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5/8/2019 10:10:45 AM

Quant Time: May 08 02:37:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue May 07 08:24:47 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: VX009378.D

Acq: 07 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506

Tot Ion:168 Resp: 185135

Ion Ratio Lower Upper

168 100

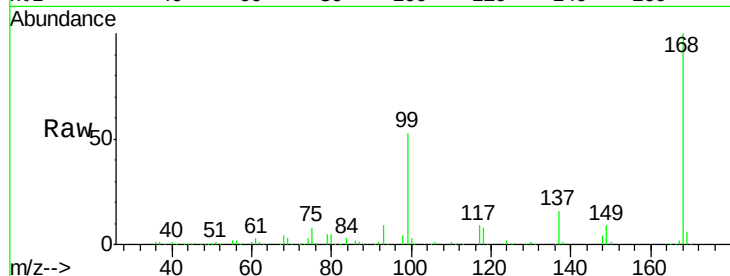
99 52.9 42.3 63.5

Manual Integrations

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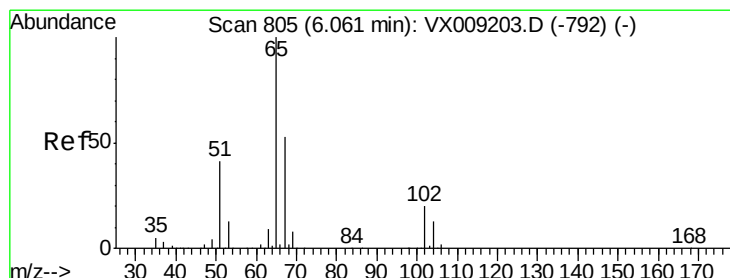
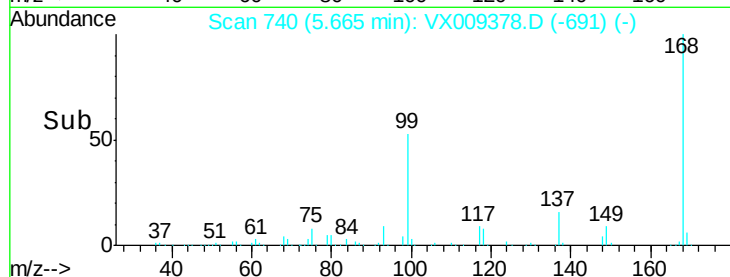
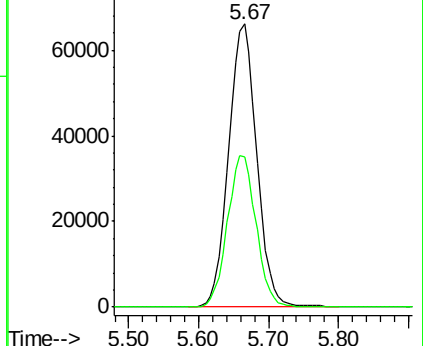
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.224 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009378.D

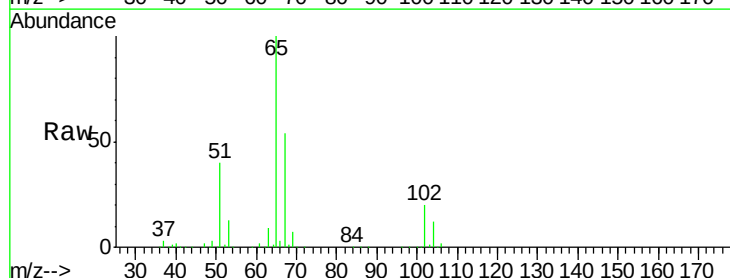
Acq: 07 May 2019 15:44

Tgt Ion: 65 Resp: 119350

Ion Ratio Lower Upper

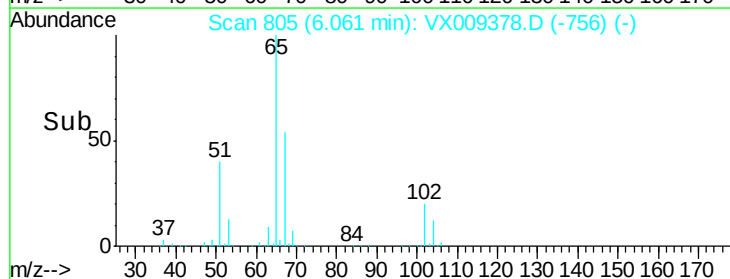
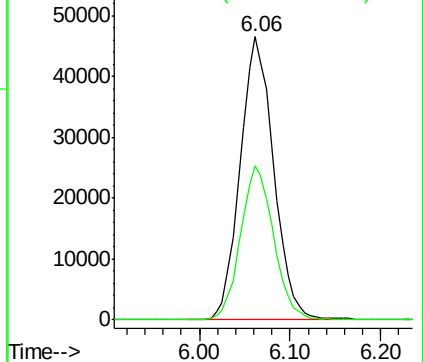
65 100

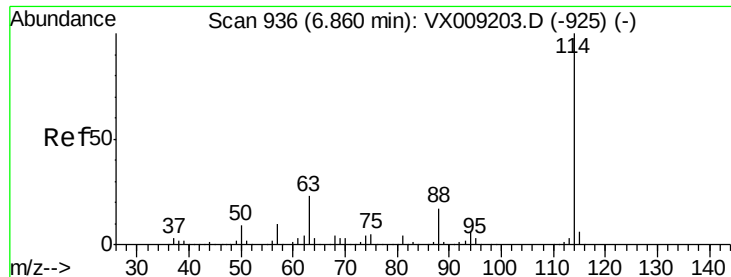
67 53.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





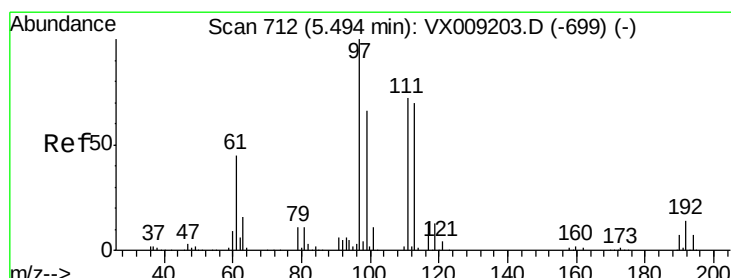
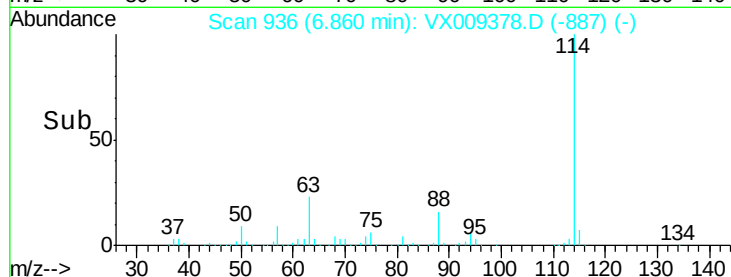
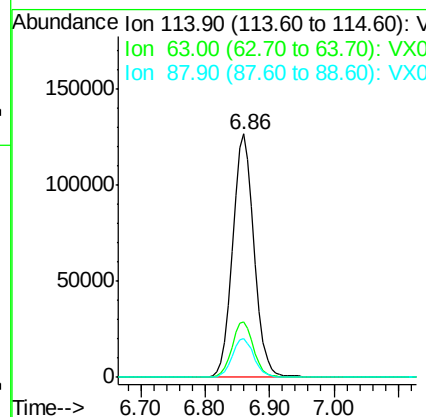
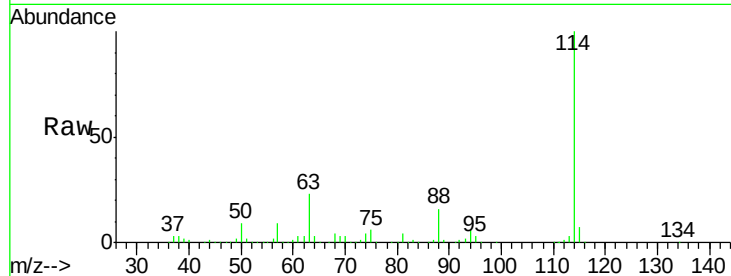
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009378.D
 Acq: 07 May 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.2	0.0	33.2

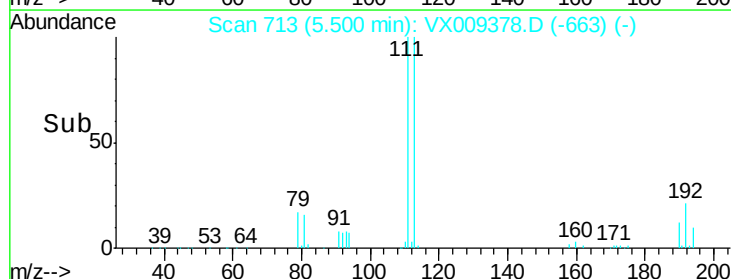
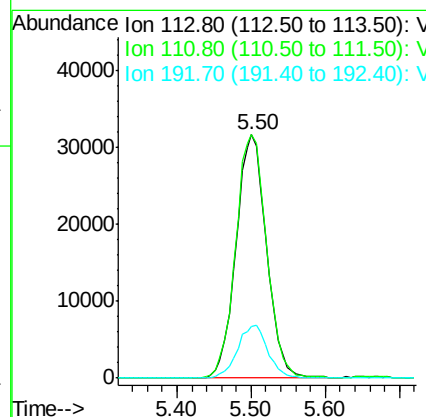
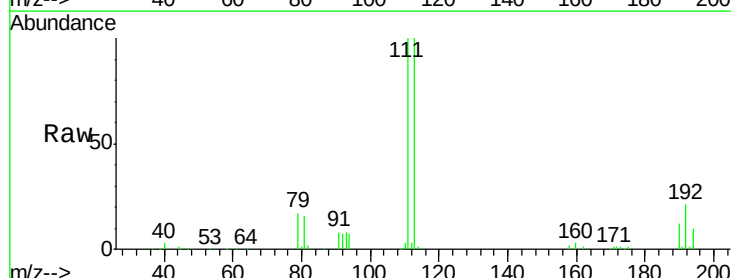
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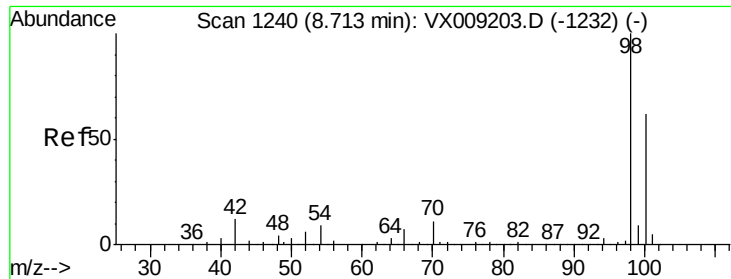
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#35
 Dibromofluoromethane
 Concen: 48.696 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009378.D
 Acq: 07 May 2019 15:44

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.5	82.8	124.2
192	21.6	17.0	25.6





#50

Toluene-d8

Concen: 49.004 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009378.D

Acq: 07 May 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506

Tot Ion: 98 Resp: 368535

Ion Ratio Lower Upper

98 100

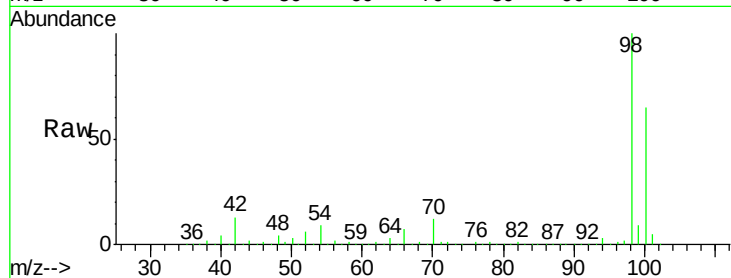
100 64.9 51.2 76.8

Manual Integrations

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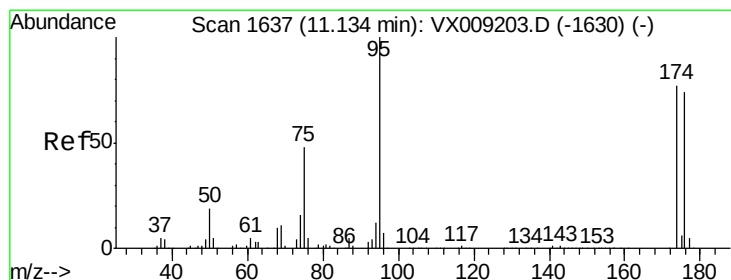
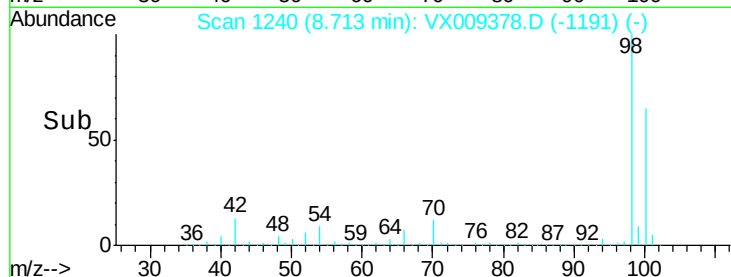
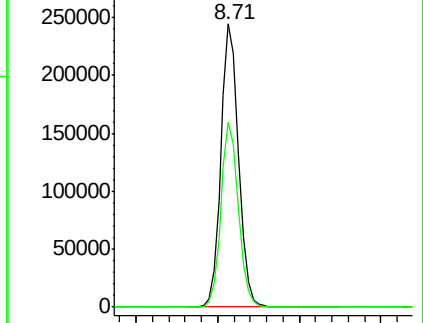
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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.618 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009378.D

Acq: 07 May 2019 15:44

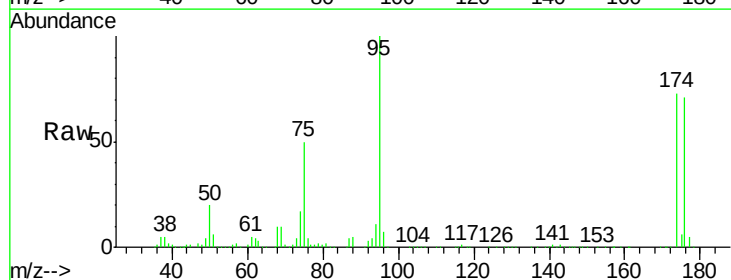
Tgt Ion: 95 Resp: 121927

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

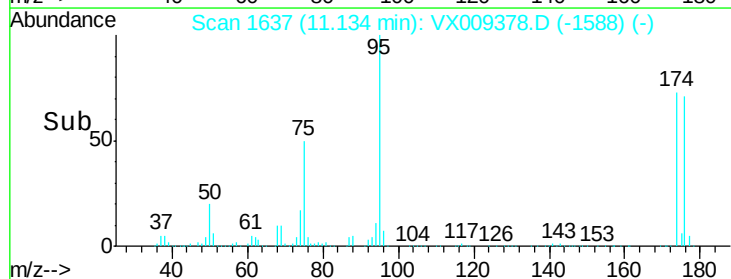
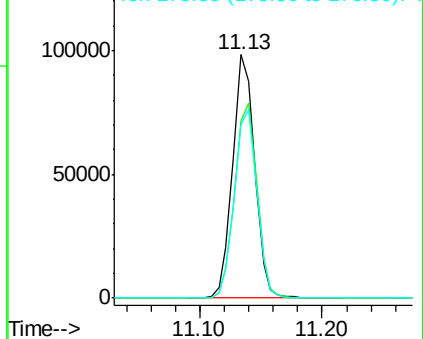
176 79.2 0.0 159.2

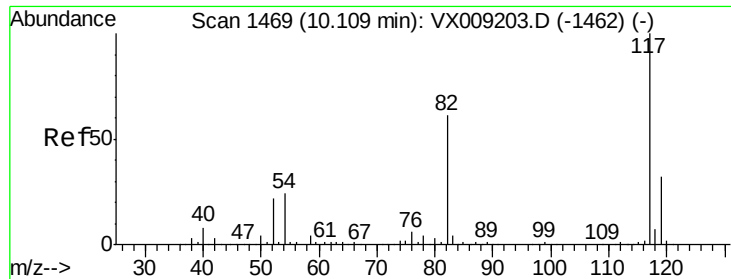


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





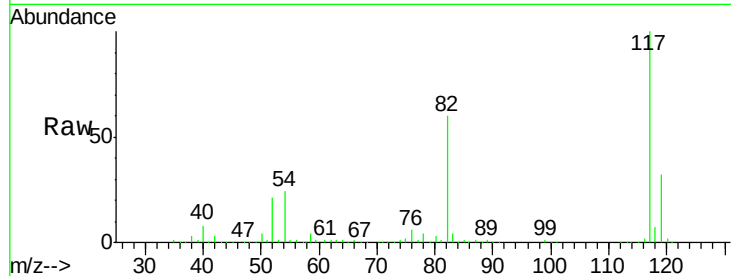
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009378.D
Acq: 07 May 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506

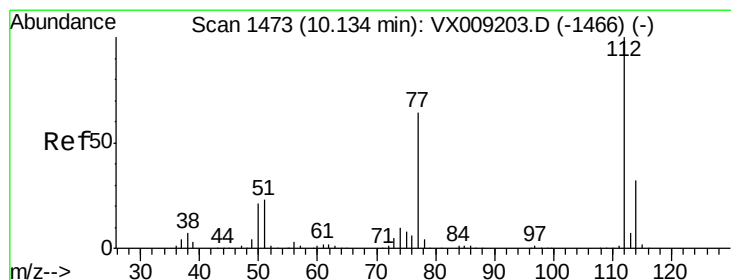
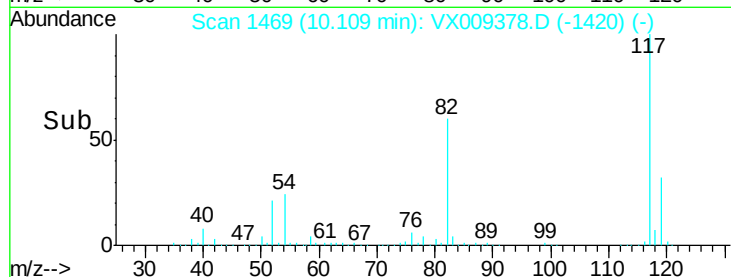
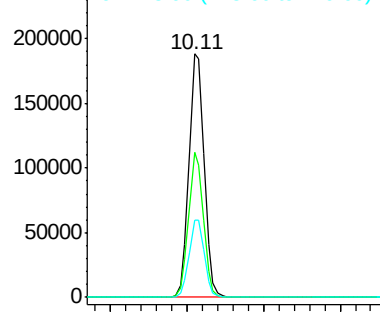
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.8	73.2
119	31.5	25.8	38.6

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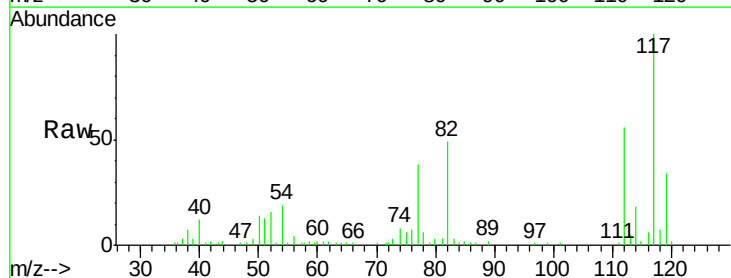


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

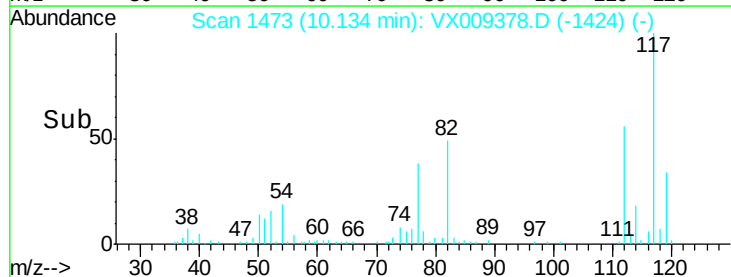
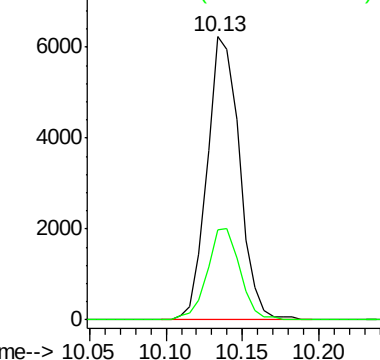


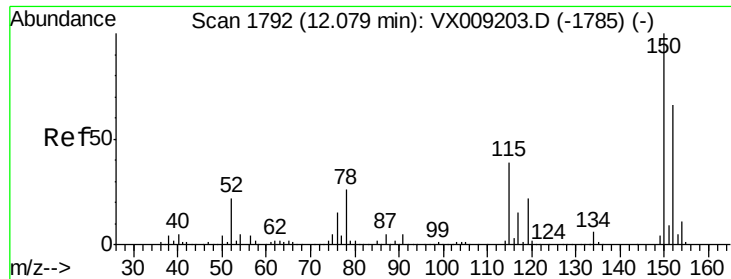
#65
Chlorobenzene
Concen: 1.766 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009378.D
Acq: 07 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.5	38.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





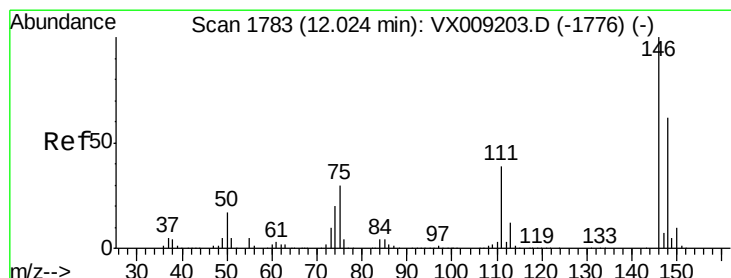
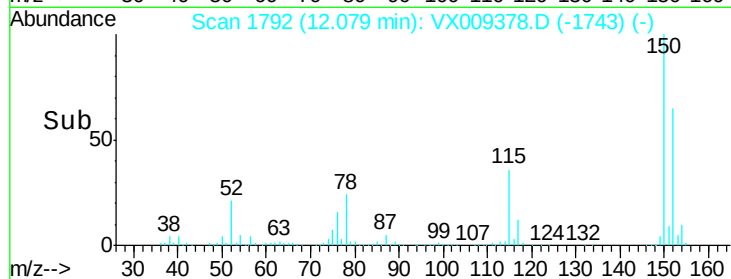
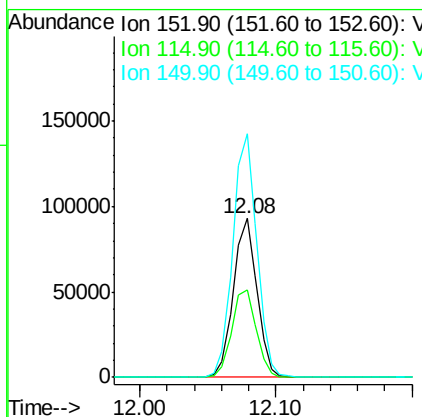
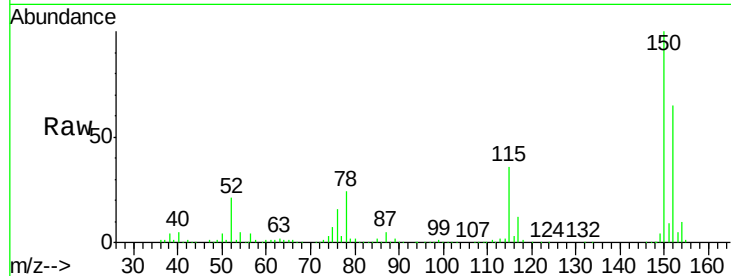
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009378.D
 Acq: 07 May 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506

Tot Ion	Ratio	Resp	Lower	Upper
152	100	111903		
115	57.7	41.2	123.6	
150	155.8	0.0	346.4	

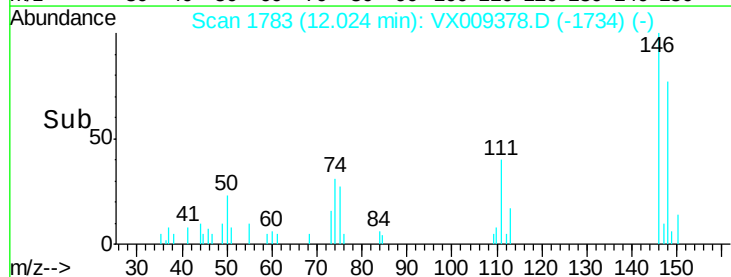
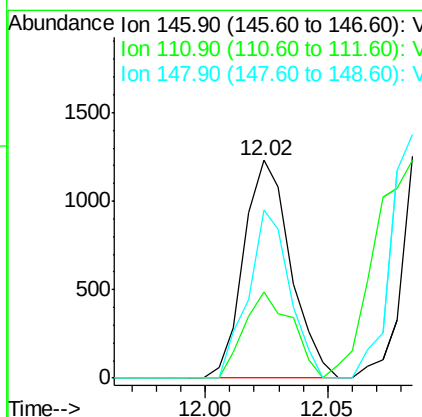
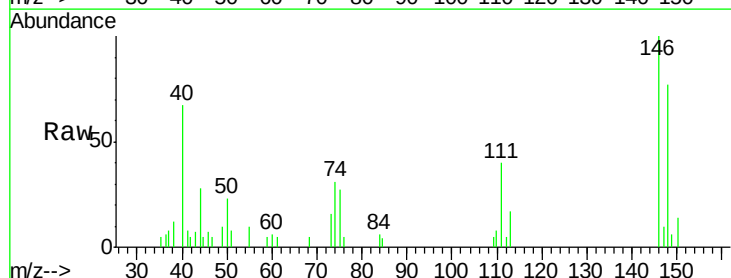
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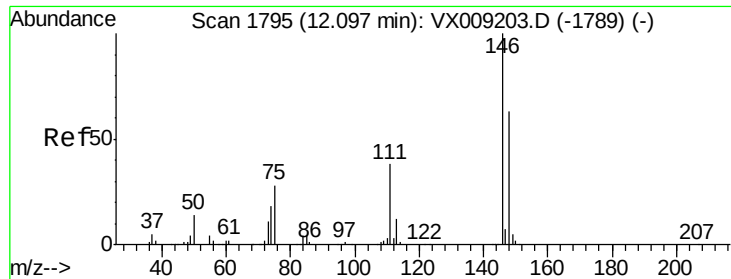
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#87
 1,3-Dichlorobenzene
 Concen: 0.455 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009378.D
 Acq: 07 May 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1639		
111	40.3	20.0	59.9	
148	68.3	31.8	95.3	





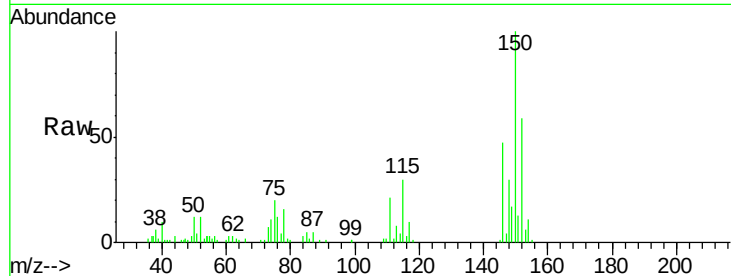
#88
 1,4-Dichlorobenzene
 Concen: 1.269 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009378.D
 Acq: 07 May 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506

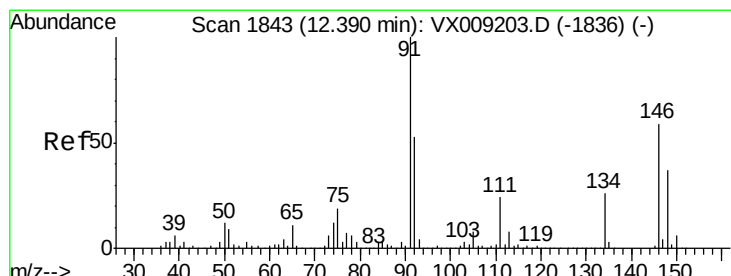
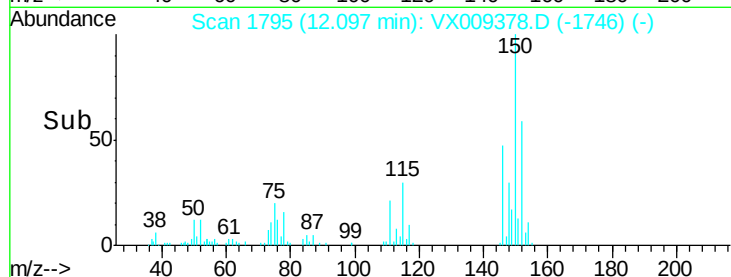
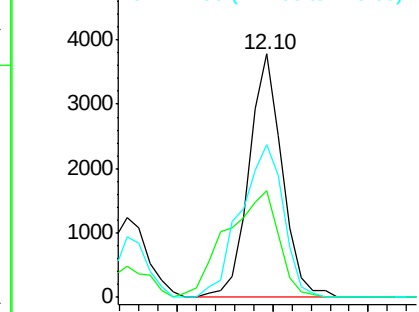
Tot Ion	Ratio	Lower	Upper
146	100		
111	14.3	19.6	58.8#
148	24.3	31.8	95.3#

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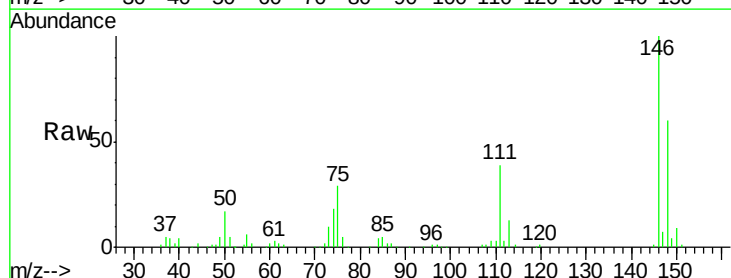


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#91
 1,2-Dichlorobenzene
 Concen: 6.972 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009378.D
 Acq: 07 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.4
148	64.4	31.9	95.9



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

