

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010719.D
 Acq On : 09 Jul 2019 01:09
 Operator : JC/SP
 Sample : K3691-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-190704

Manual Integrations
 APPROVED

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 7/9/2019 11:23:48 AM

Quant Time: Jul 09 07:34:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116656	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	5.50	113	110785	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	8.71	98	429467	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	145993	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
4) Vinyl Chloride	1.41	62	32196	15.640	ug/l	99
11) Tert butyl alcohol	3.02	59	48588	85.302	ug/l #	82
16) Acetone	2.44	43	1294	1.186	ug/l	94
24) 1,1-Dichloroethane	3.70	63	8075	2.339	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	1320	0.528	ug/l	65
40) Benzene	6.15	78	14670	1.654	ug/l	92
65) Chlorobenzene	10.13	112	699094	104.726	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	3330	0.643	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	7681m	1.458	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	9331	1.814	ug/l	98

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

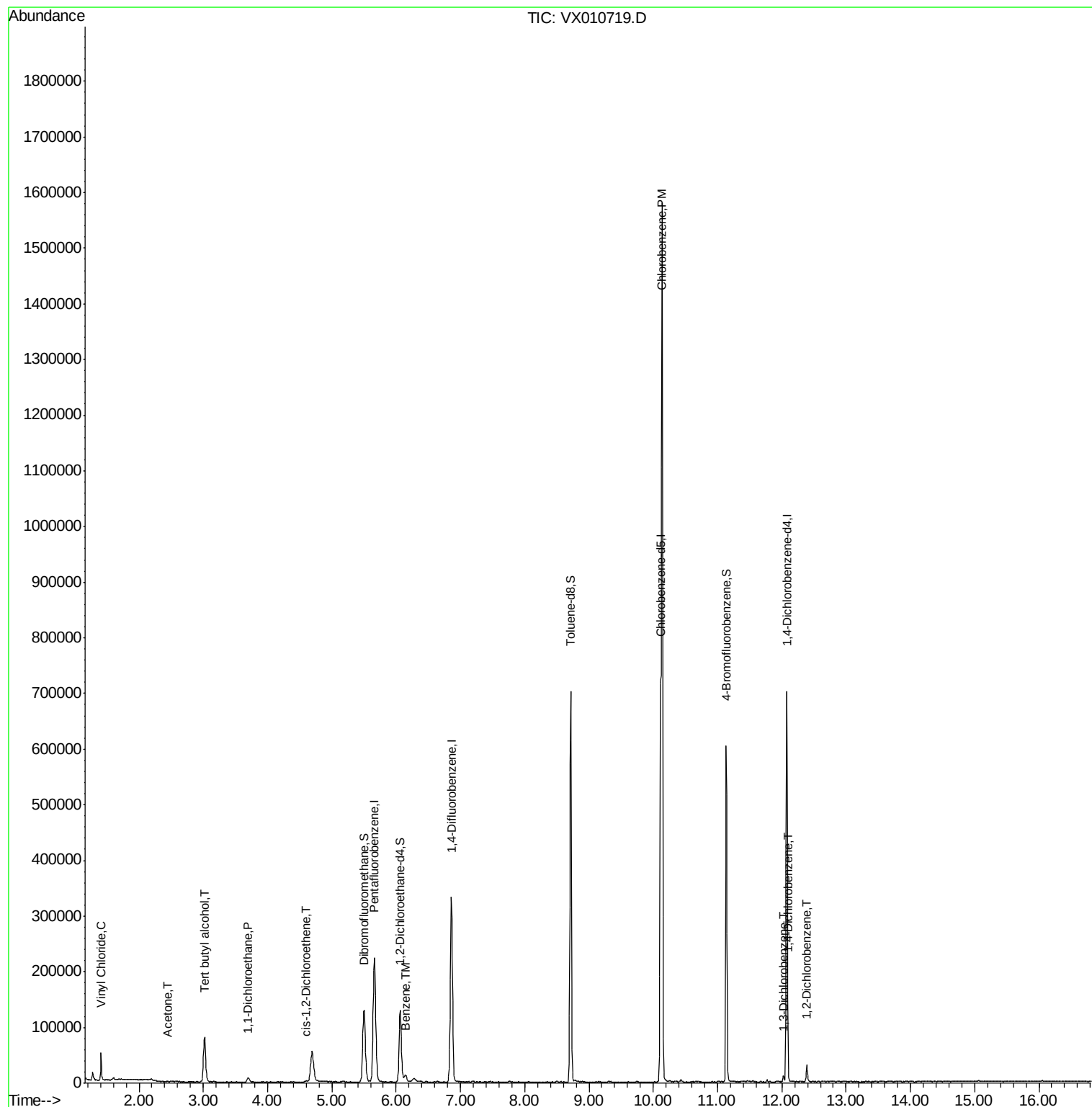
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010719.D
Acq On : 09 Jul 2019 01:09
Operator : JC/SP
Sample : K3691-04
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ALS Vial : 38 Sample Multiplier: 1

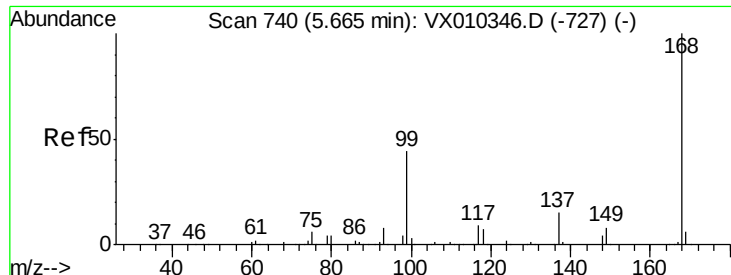
Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-190704

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Quant Time: Jul 09 07:34:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010719.D

Acq: 09 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-190704

Tgt Ion: 168 Resp: 232167

Ion Ratio Lower Upper

168 100

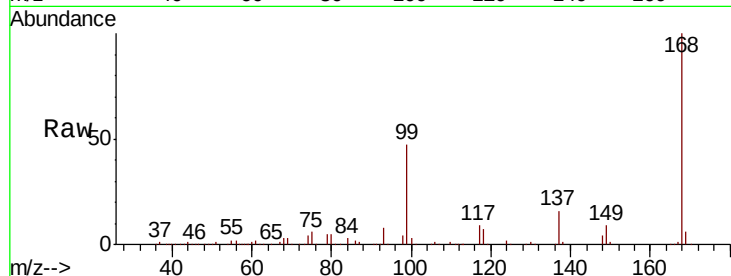
99 46.9 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

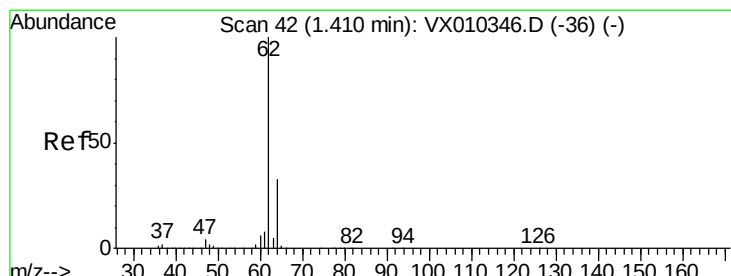
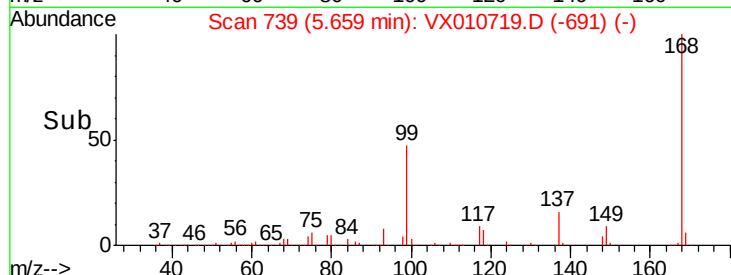
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 15.640 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010719.D

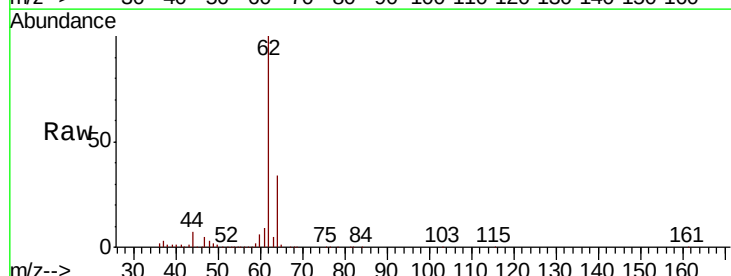
Acq: 09 Jul 2019 01:09

Tgt Ion: 62 Resp: 32196

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

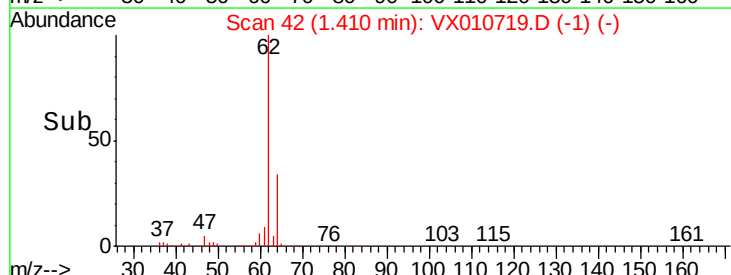
30000

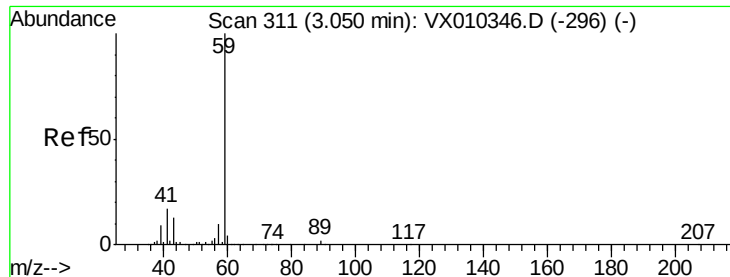
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10000

0

Time--> 1.30 1.35 1.40 1.45 1.50





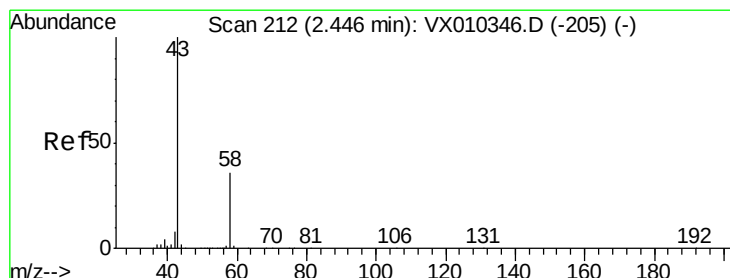
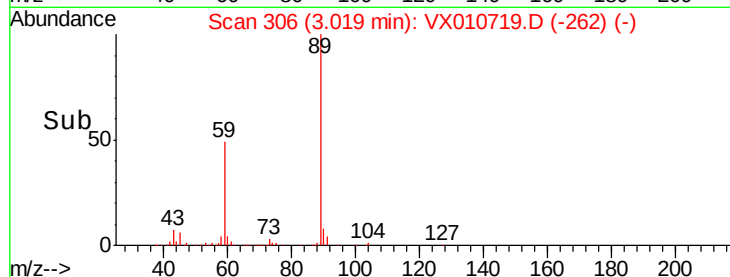
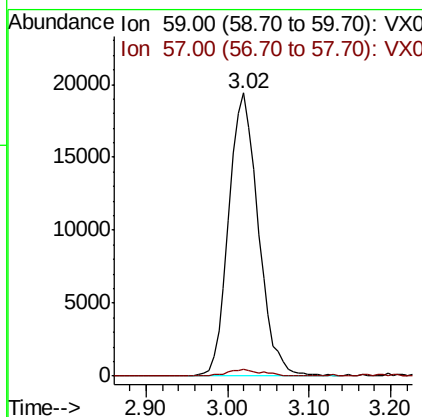
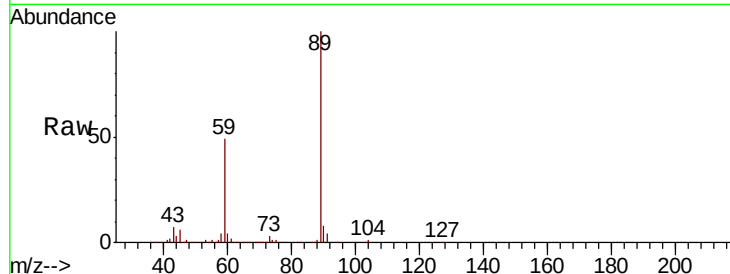
#11
Tert butyl alcohol
Concen: 85.302 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010719.D
Acq: 09 Jul 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-190704

Tgt Ion: 59 Resp: 48588
Ion Ratio Lower Upper
59 100
57 3.0 7.7 11.5#

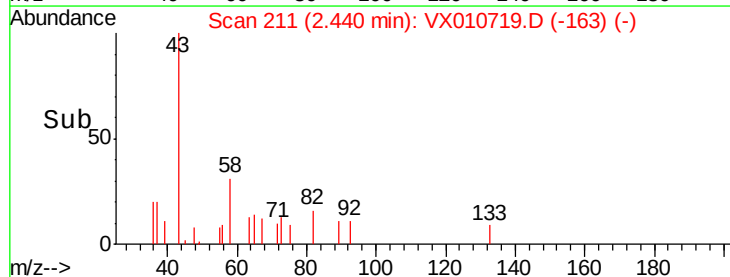
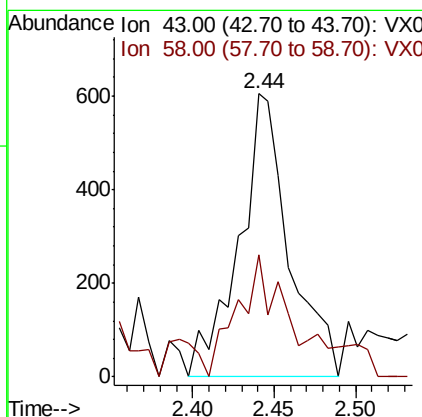
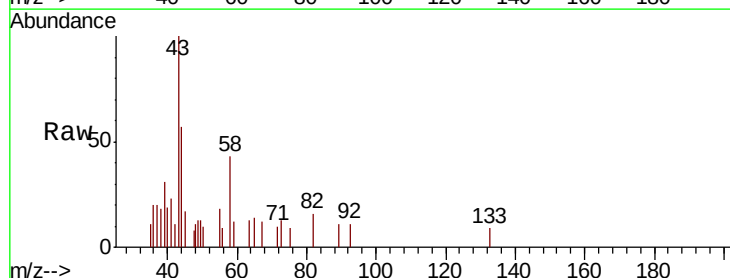
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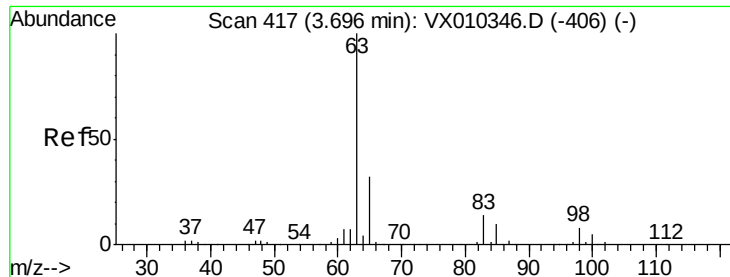
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#16
Acetone
Concen: 1.186 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010719.D
Acq: 09 Jul 2019 01:09

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 32.6 28.9 43.3





#24

1,1-Dichloroethane

Concen: 2.339 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010719.D

Acq: 09 Jul 2019 01:09

Instrument :

MSVOA_X

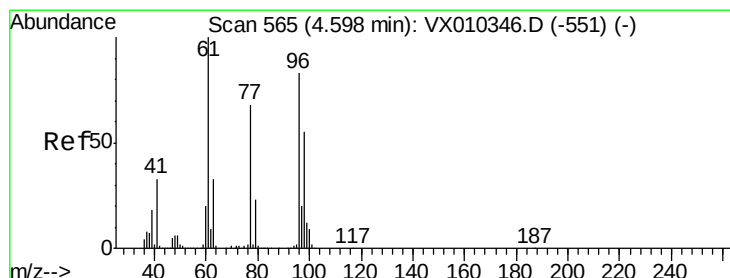
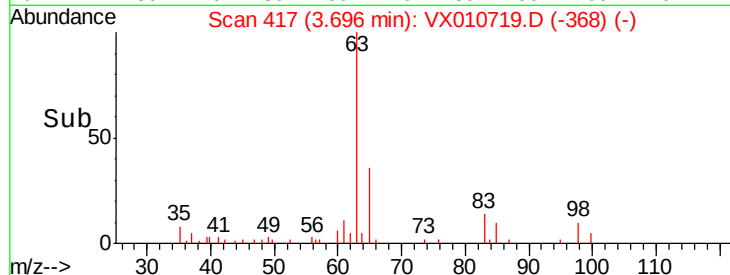
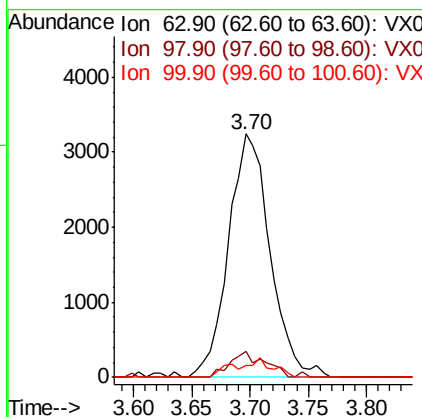
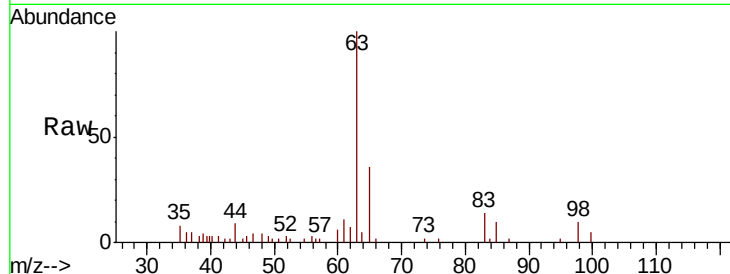
ClientSampleId :

WP022MW102-190704

Tgt Ion:	63	Resp:	8075
Ion	Ratio	Lower	Upper
63	100		
98	10.5	3.9	11.7
100	4.8	2.4	7.1

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#27

cis-1,2-Dichloroethene

Concen: 0.528 ug/l

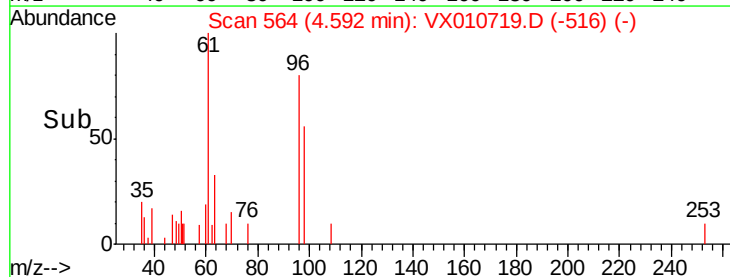
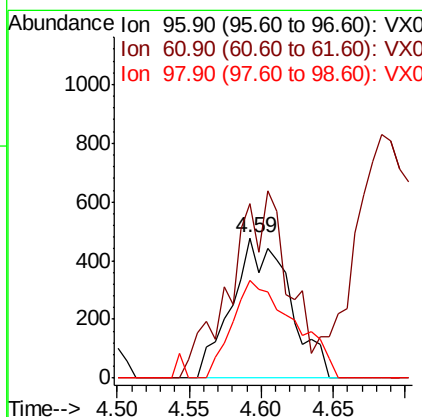
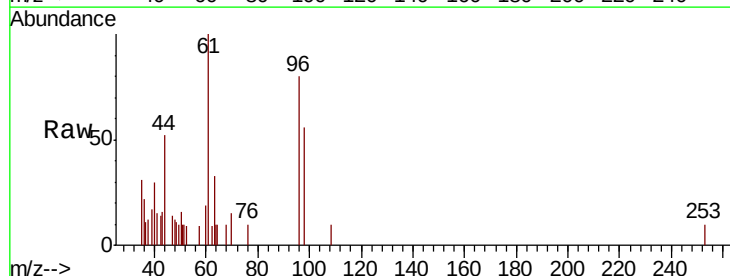
RT: 4.59 min Scan# 564

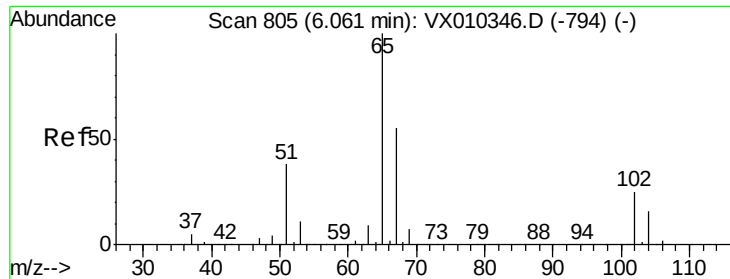
Delta R.T. -0.01 min

Lab File: VX010719.D

Acq: 09 Jul 2019 01:09

Tgt Ion:	96	Resp:	1320
Ion	Ratio	Lower	Upper
96	100		
61	72.9	0.0	251.8
98	75.3	0.0	129.4





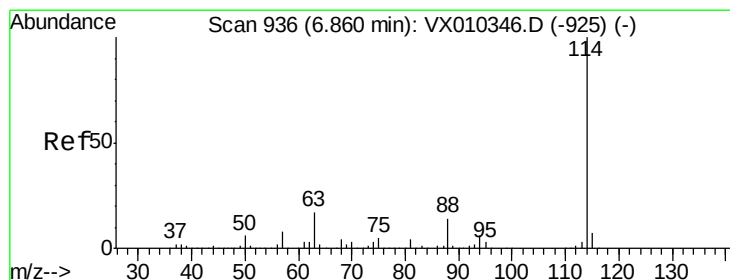
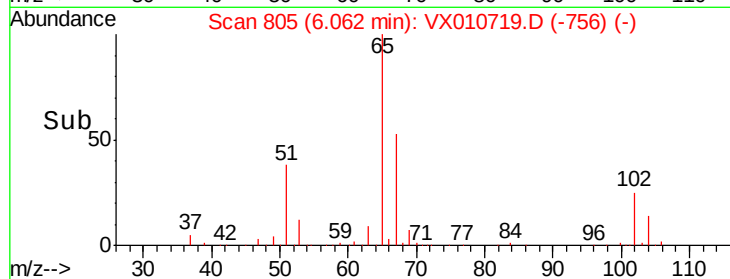
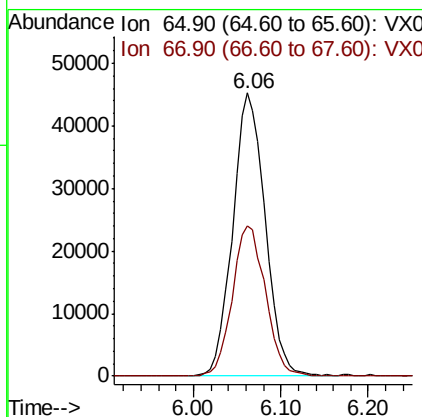
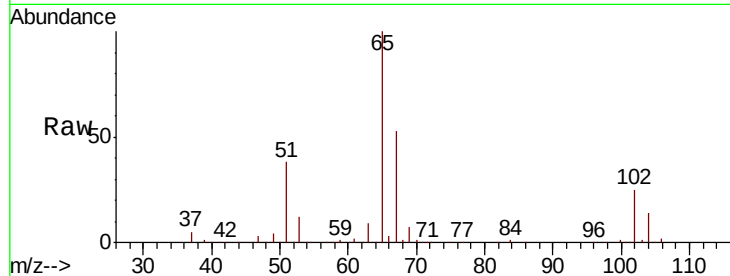
#33
 1,2-Dichloroethane-d4
 Concen: 53.591 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010719.D
 Acq: 09 Jul 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-190704

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	116656		
67	54.2	0.0	110.2	

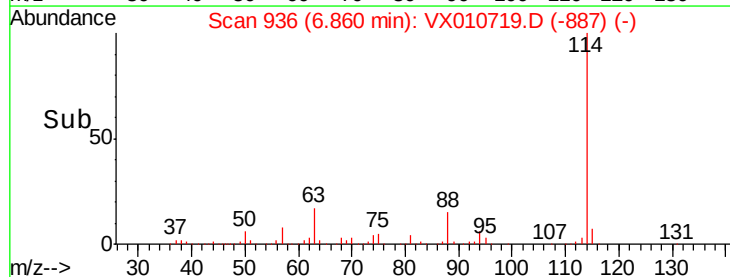
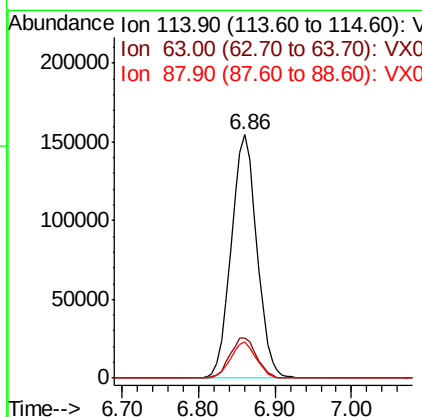
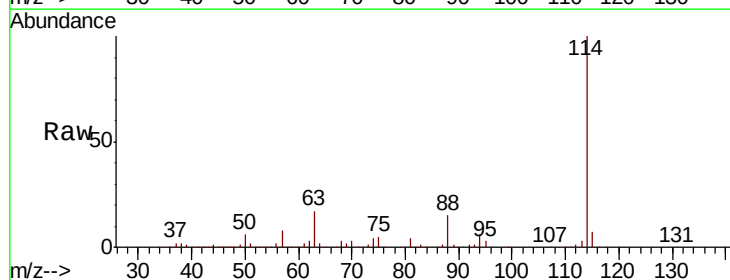
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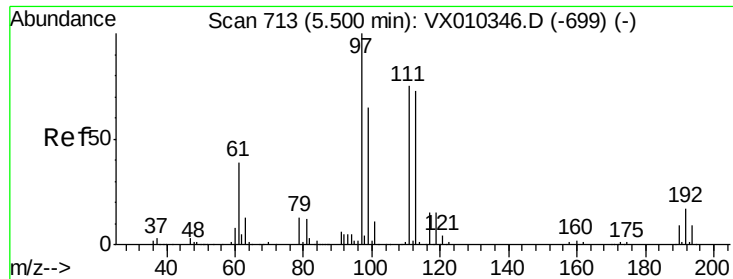
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010719.D
 Acq: 09 Jul 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	358207		
63	16.7	0.0	33.8	
88	14.9	0.0	27.6	





#35

Dibromofluoromethane

Concen: 50.549 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010719.D

Acq: 09 Jul 2019 01:09

Instrument :

MSVOA_X

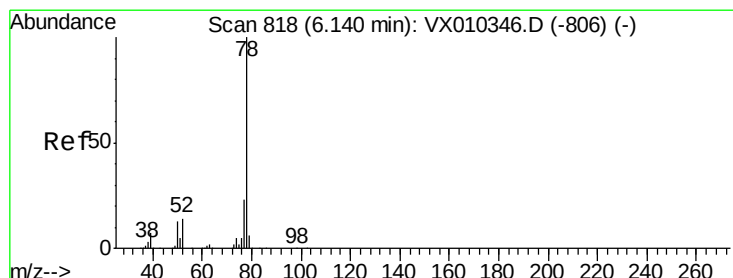
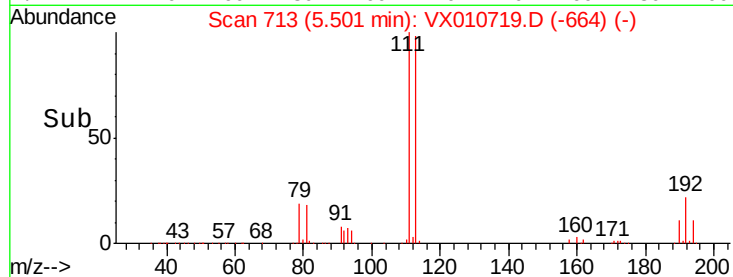
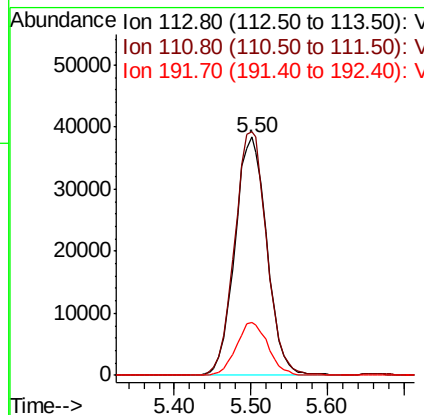
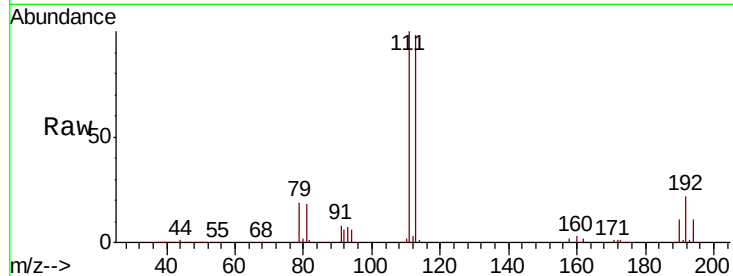
ClientSampleId :

WP022MW102-190704

Tgt Ion:	113	Resp:	110785
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.2	121.8
192	22.2	18.6	27.8

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#40

Benzene

Concen: 1.654 ug/l

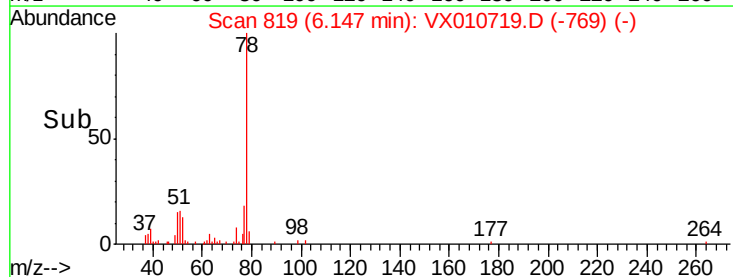
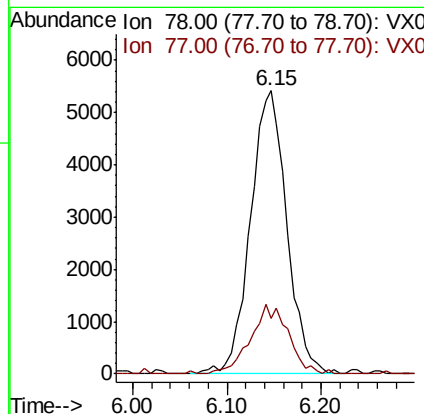
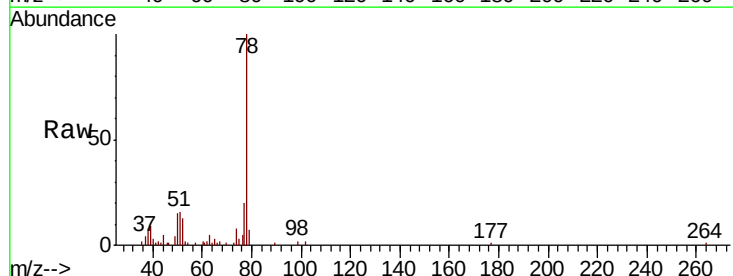
RT: 6.15 min Scan# 819

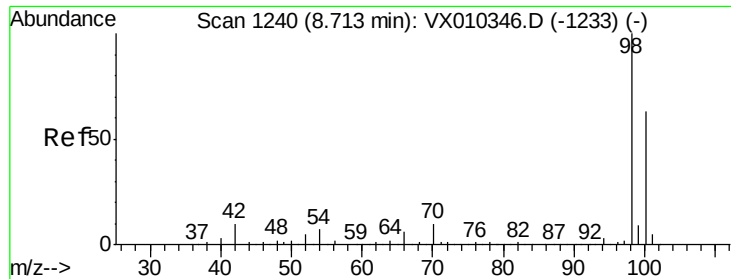
Delta R.T. 0.01 min

Lab File: VX010719.D

Acq: 09 Jul 2019 01:09

Tgt Ion:	78	Resp:	14670
Ion Ratio	Lower	Upper	
78	100		
77	19.5	18.6	28.0





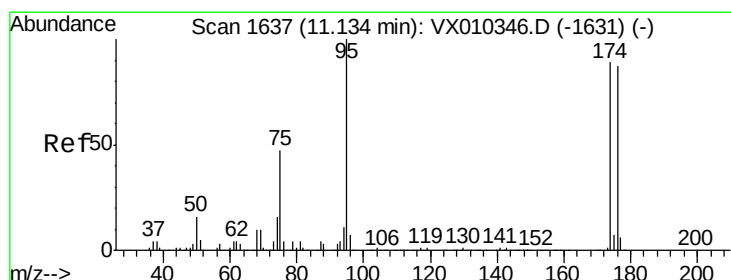
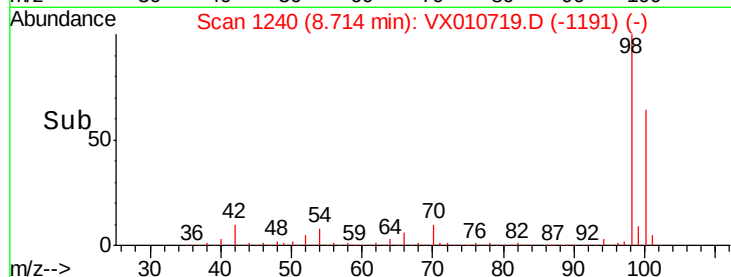
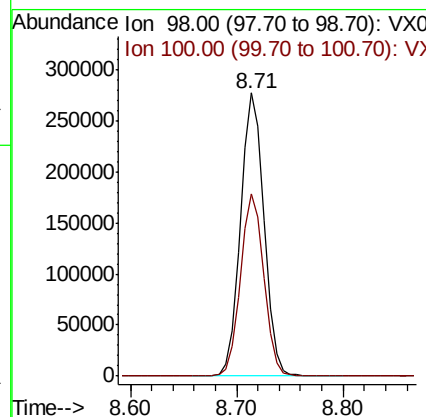
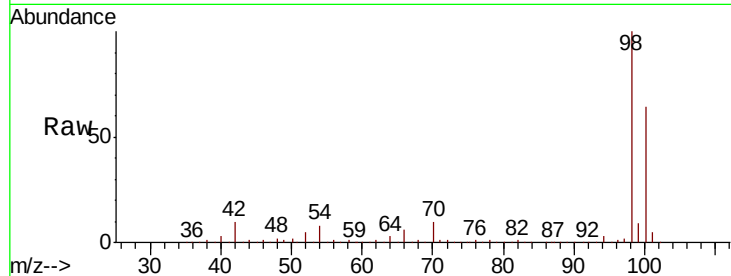
#50
Toluene-d8
Concen: 51.220 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010719.D
Acq: 09 Jul 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-190704

Tgt Ion: 98 Resp: 429467
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

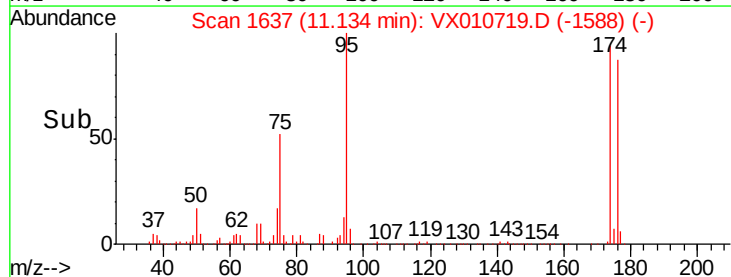
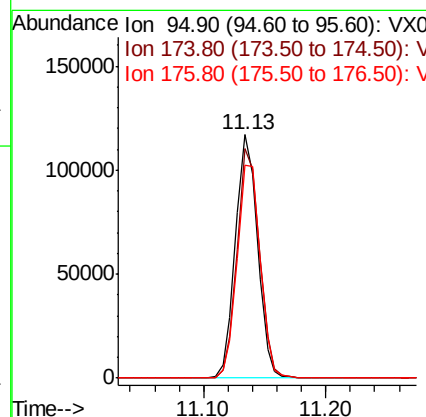
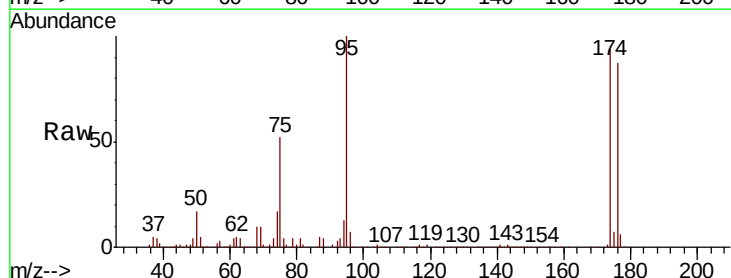
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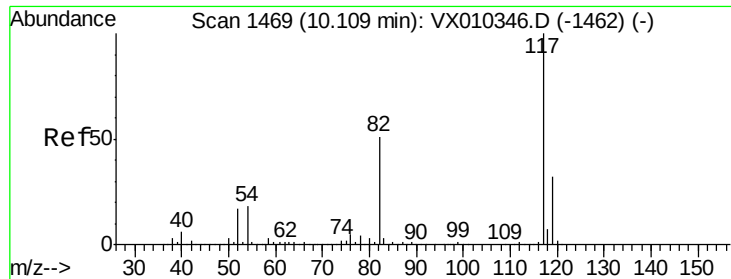
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7/9/2019 11:23:48 AM



#62
4-Bromofluorobenzene
Concen: 48.228 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010719.D
Acq: 09 Jul 2019 01:09

Tgt Ion: 95 Resp: 145993
Ion Ratio Lower Upper
95 100
174 95.4 0.0 187.6
176 91.8 0.0 184.0





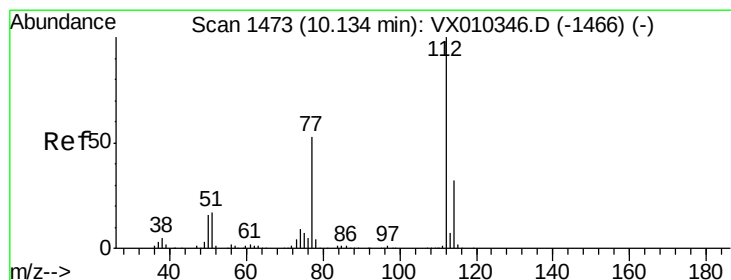
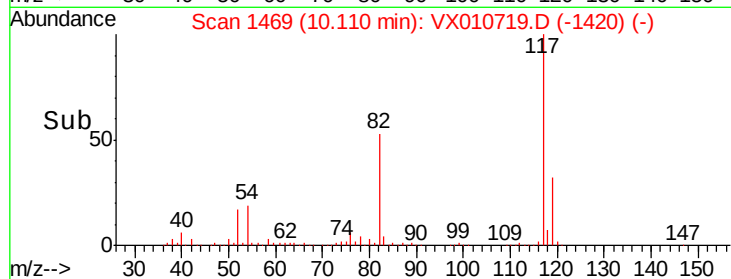
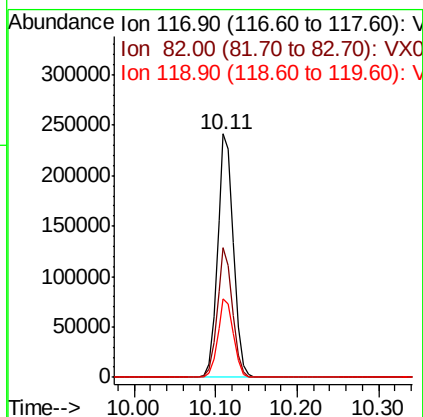
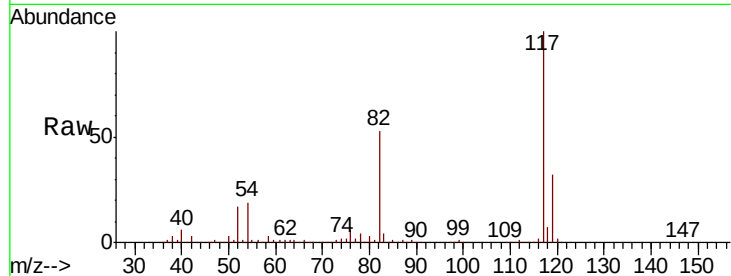
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010719.D
Acq: 09 Jul 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-190704

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.2	61.8
119	32.5	25.5	38.3

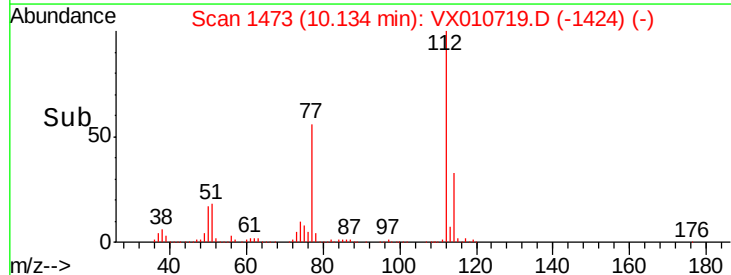
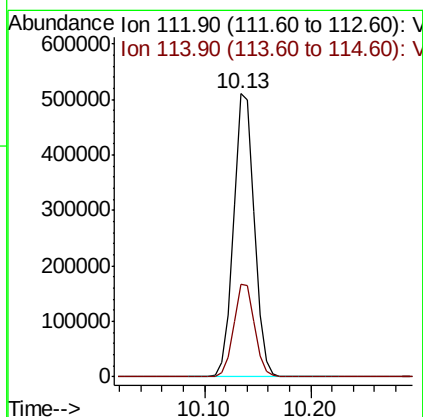
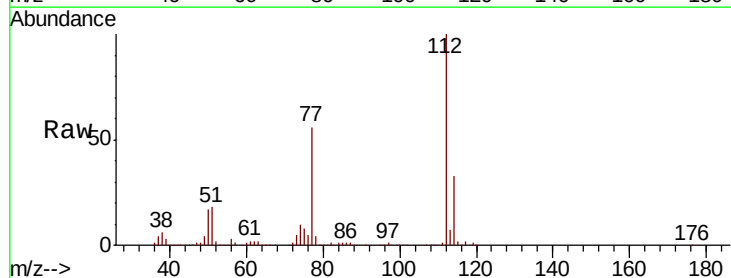
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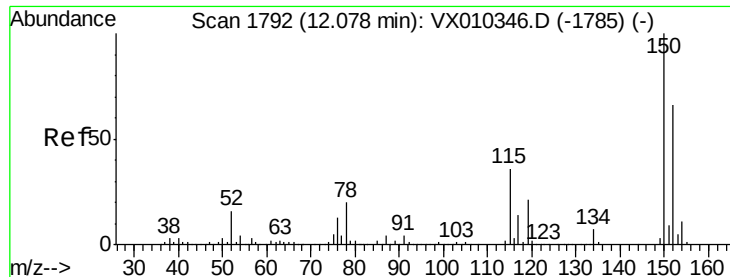
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7/9/2019 11:23:48 AM



#65
Chlorobenzene
Concen: 104.726 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010719.D
Acq: 09 Jul 2019 01:09

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.4	38.2





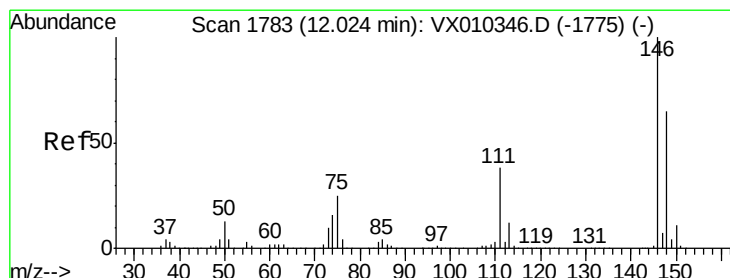
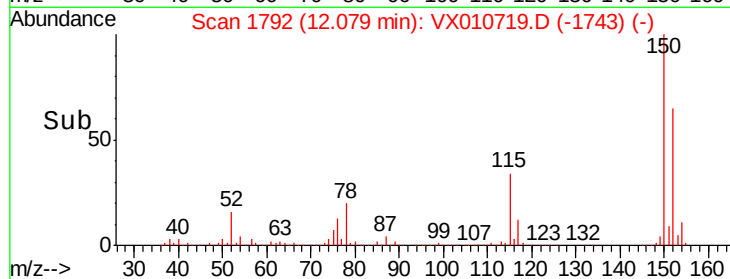
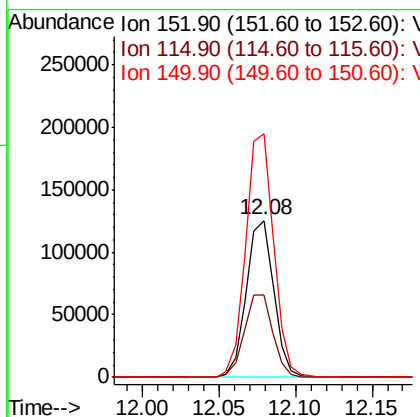
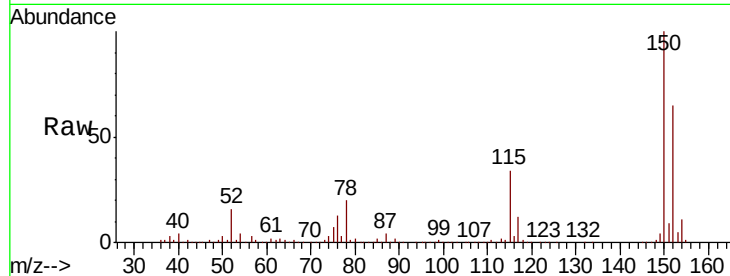
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010719.D
 Acq: 09 Jul 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-190704

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156636		
115	54.5	38.6	115.7	
150	157.6	0.0	347.4	

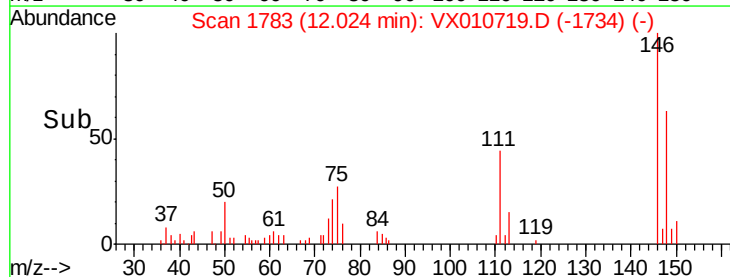
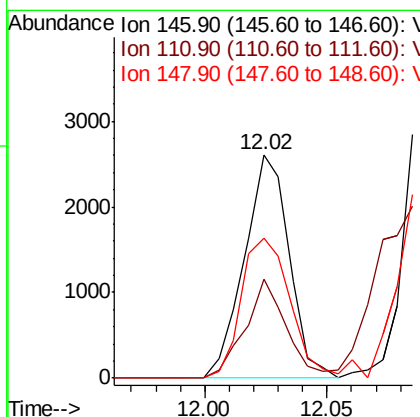
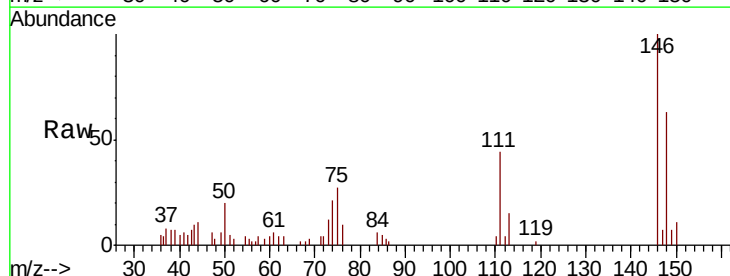
Manual Integrations
 APPROVED

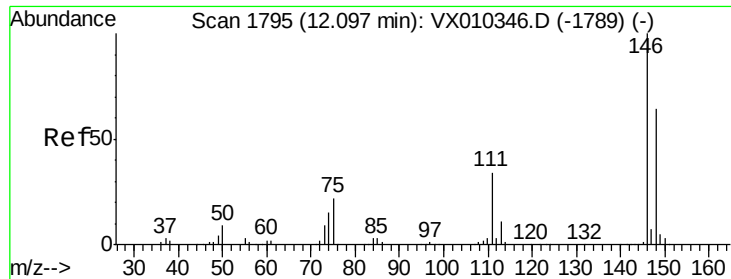
MMDadoda
 7/9/2019 11:23:48 AM



#87
 1,3-Dichlorobenzene
 Concen: 0.643 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010719.D
 Acq: 09 Jul 2019 01:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	3330		
111	40.7	19.1	57.1	
148	68.6	32.5	97.4	





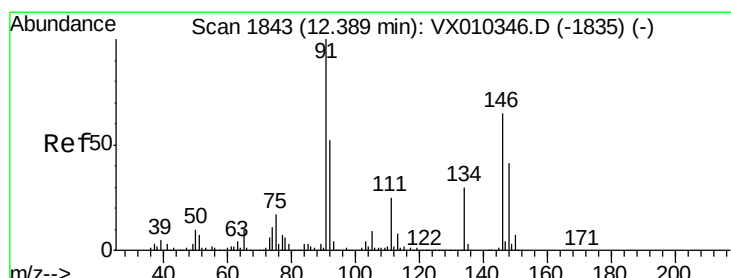
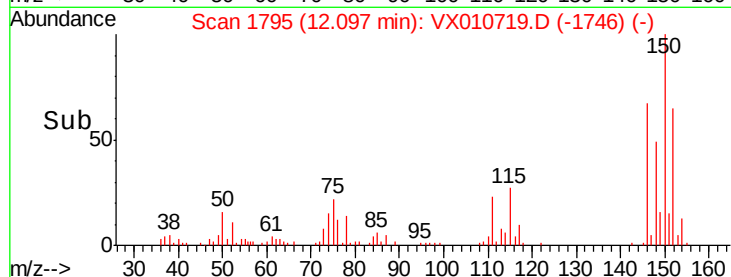
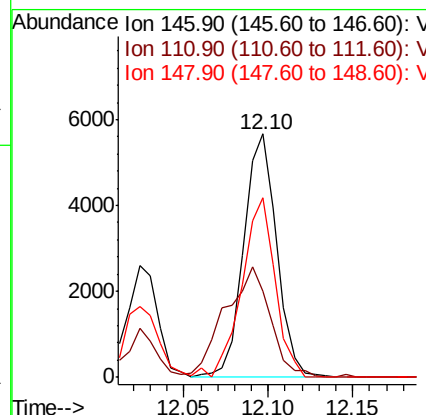
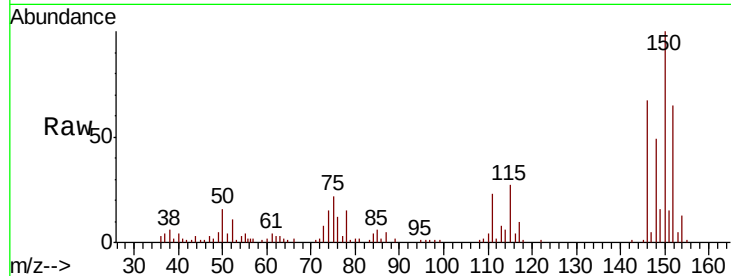
#88
 1,4-Dichlorobenzene
 Concen: 1.458 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010719.D
 Acq: 09 Jul 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-190704

Tgt Ion	Ratio	Lower	Upper
146	100		
111	17.6	18.1	54.3#
148	29.8	32.1	96.3#

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:23:48 AM



#91
 1,2-Dichlorobenzene
 Concen: 1.814 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010719.D
 Acq: 09 Jul 2019 01:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	61.6	32.0	96.0

