

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010731.D
 Acq On : 09 Jul 2019 05:50
 Operator : JC/SP
 Sample : K3691-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:12 AM

Quant Time: Jul 09 08:06:53 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	227110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115821	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	5.50	113	109946	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	8.71	98	426812	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	147718	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	366460	181.975	ug/l	100
11) Tert butyl alcohol	3.04	59	13042	23.407	ug/l	98
12) 1,1-Dichloroethene	2.37	96	3342	1.698	ug/l	96
16) Acetone	2.45	43	11464	10.742	ug/l	96
17) Carbon Disulfide	2.57	76	5263	0.997	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	35145	16.600	ug/l	98
24) 1,1-Dichloroethane	3.70	63	65246	19.317	ug/l	100
25) 2-Butanone	4.68	43	4464	2.852	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	881796	360.420	ug/l	92
40) Benzene	6.15	78	16342	1.838	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	3085	1.140	ug/l	82
65) Chlorobenzene	10.13	112	14681	2.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1736	0.333	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	5487m	1.035	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	19627	3.791	ug/l	100

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

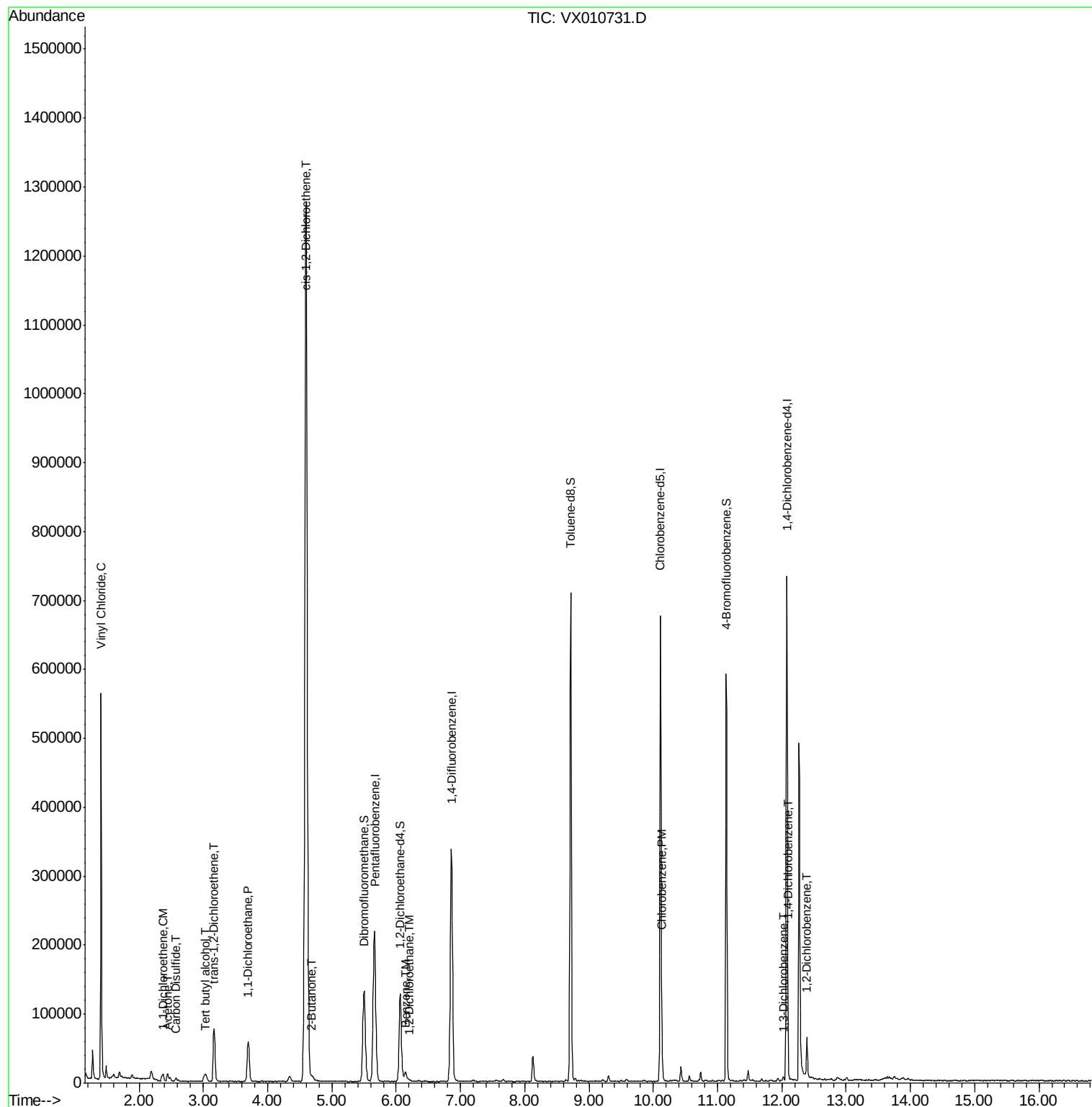
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010731.D
Acq On : 09 Jul 2019 05:50
Operator : JC/SP
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ALS Vial : 50 Sample Multiplier: 1

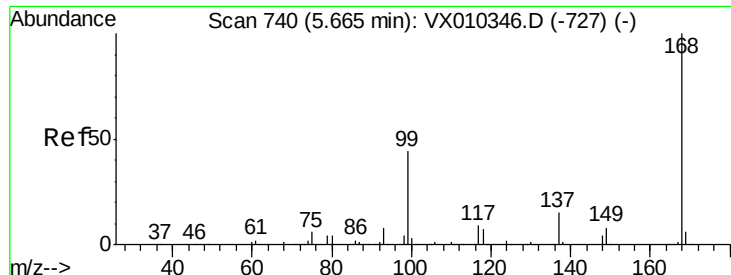
Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705

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Quant Time: Jul 09 08:06:53 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# 740

Delta R.T. -0.00 min

Lab File: VX010731.D

Acq: 09 Jul 2019 05:50

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-190705

Tgt Ion: 168 Resp: 227110

Ion Ratio Lower Upper

168 100

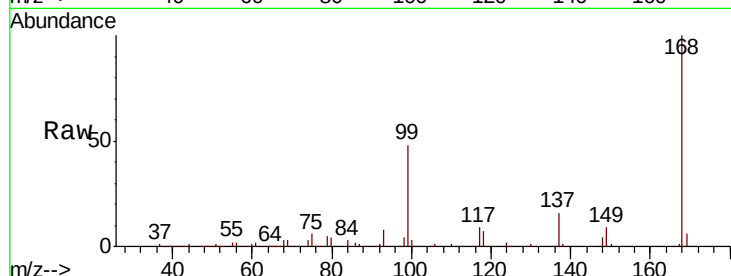
99 48.3 35.5 53.3

Manual Integrations

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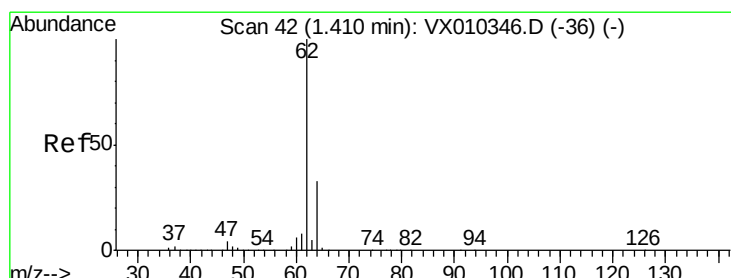
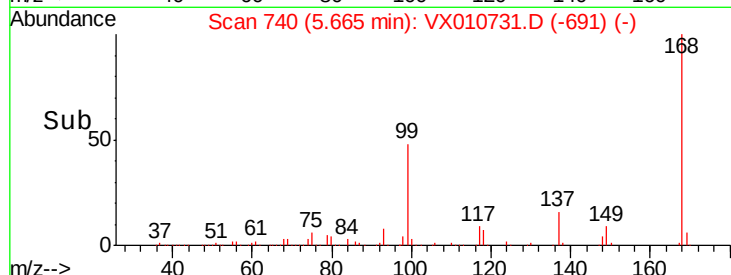
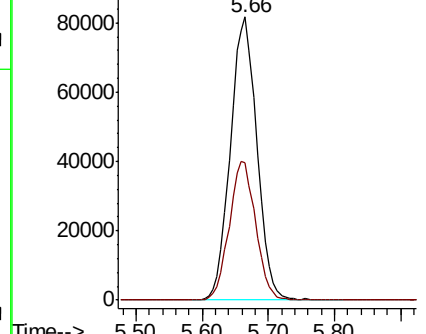
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 181.975 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010731.D

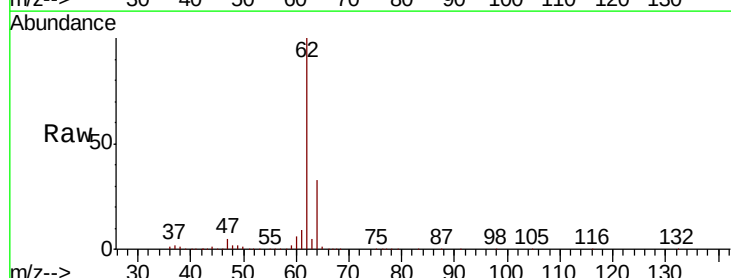
Acq: 09 Jul 2019 05:50

Tgt Ion: 62 Resp: 366460

Ion Ratio Lower Upper

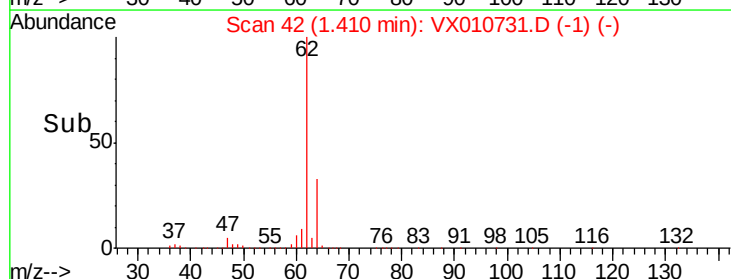
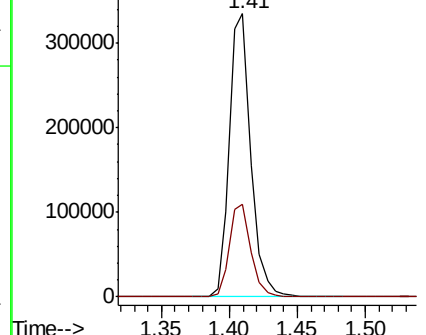
62 100

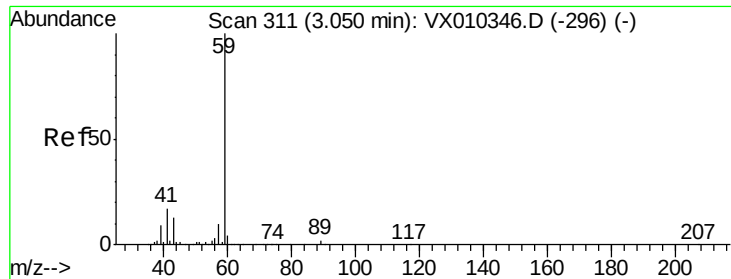
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





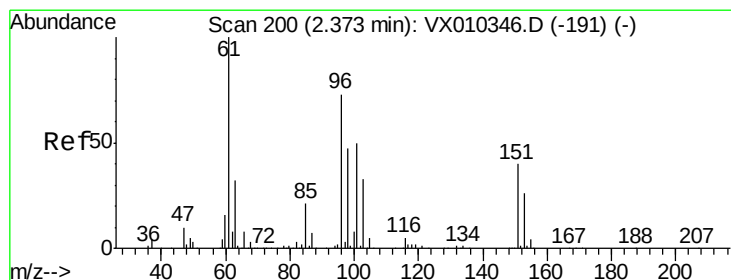
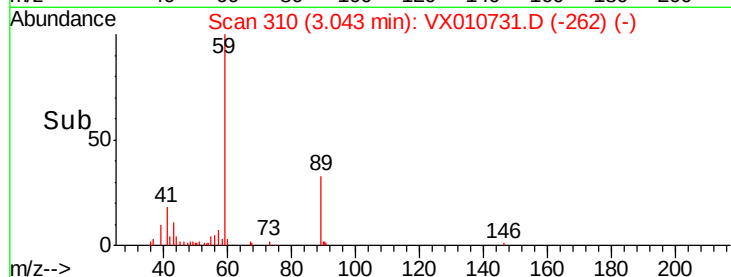
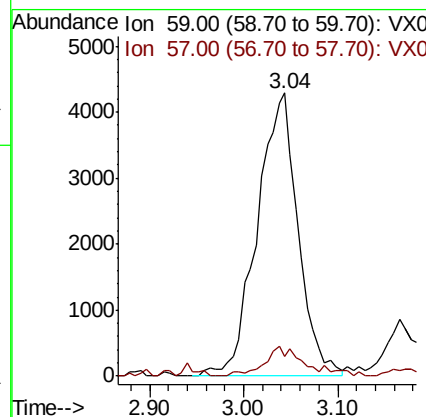
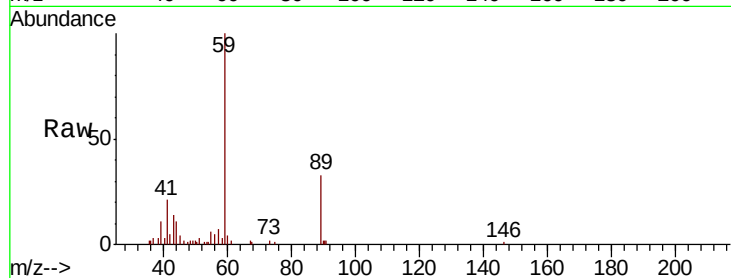
#11
Tert butyl alcohol
Concen: 23.407 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010731.D
Acq: 09 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705

Tgt Ion: 59 Resp: 13042
Ion Ratio Lower Upper
59 100
57 8.9 7.7 11.5

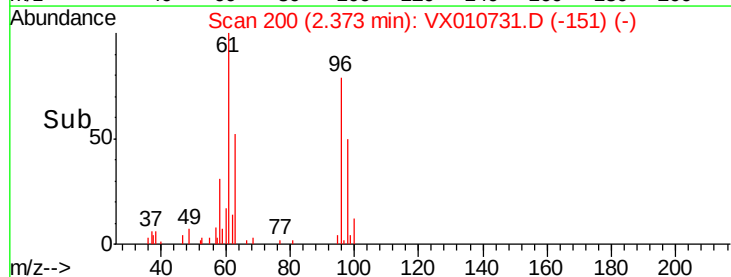
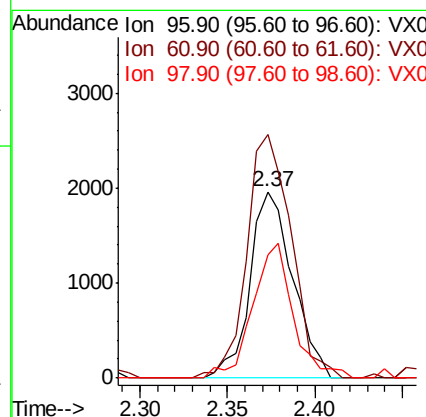
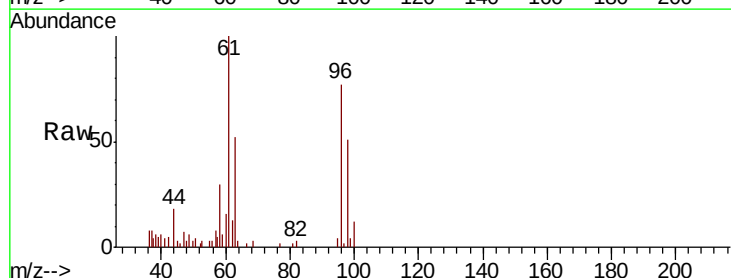
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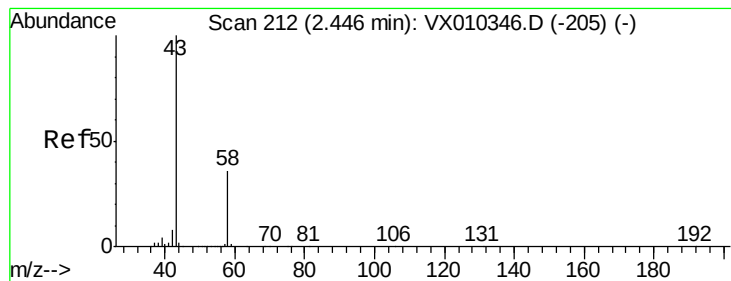
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#12
1,1-Dichloroethene
Concen: 1.698 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010731.D
Acq: 09 Jul 2019 05:50

Tgt Ion: 96 Resp: 3342
Ion Ratio Lower Upper
96 100
61 130.7 109.2 163.8
98 66.3 51.1 76.7





#16

Acetone

Concen: 10.742 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010731.D

Acq: 09 Jul 2019 05:50

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-190705

Tgt Ion: 43 Resp: 11464

Ion Ratio Lower Upper

43 100

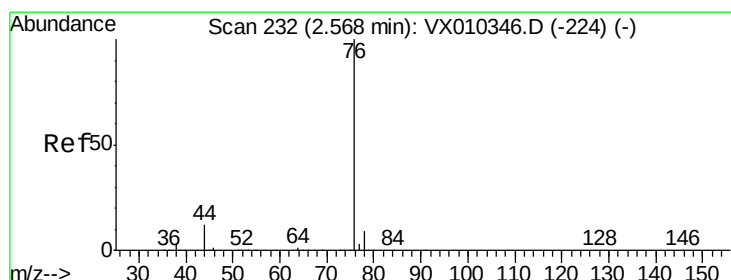
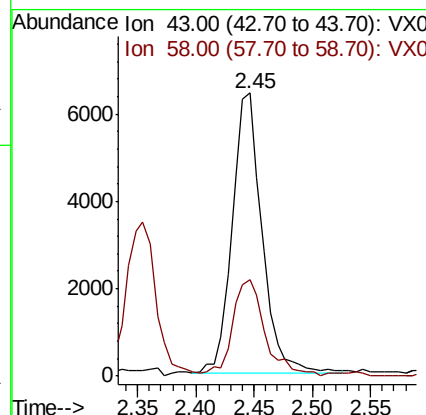
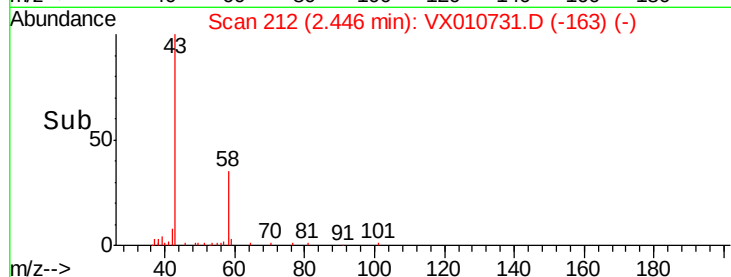
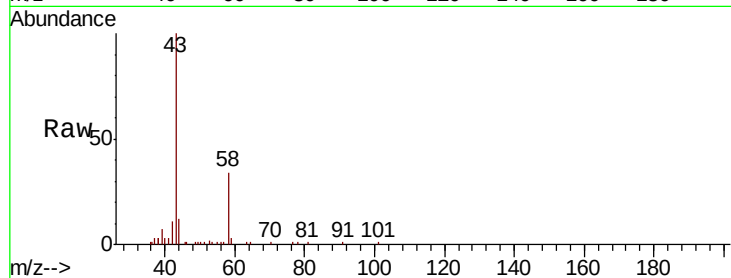
58 33.6 28.9 43.3

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#17

Carbon Disulfide

Concen: 0.997 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010731.D

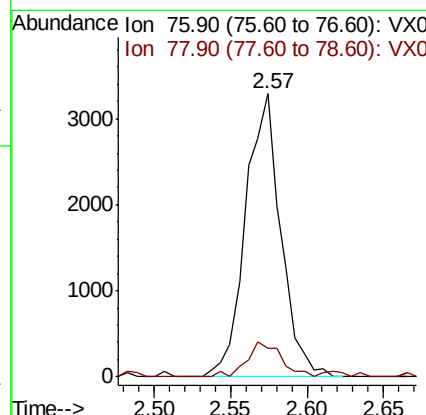
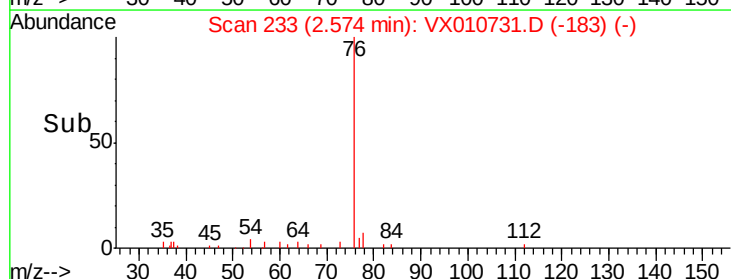
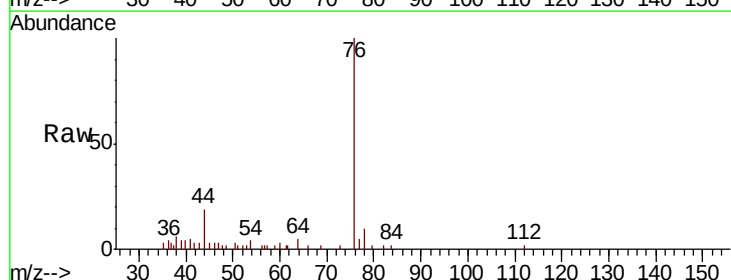
Acq: 09 Jul 2019 05:50

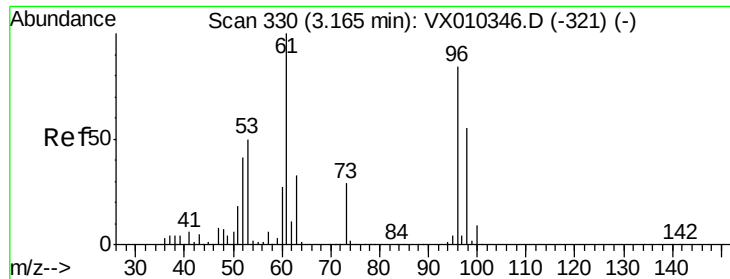
Tgt Ion: 76 Resp: 5263

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9





#21

trans-1,2-Dichloroethene

Concen: 16.600 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010731.D

Acq: 09 Jul 2019 05:50

Instrument :

MSVOA_X

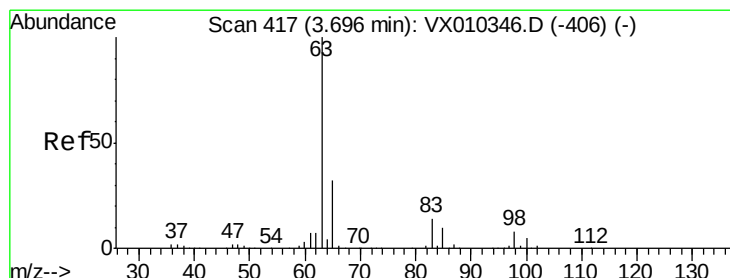
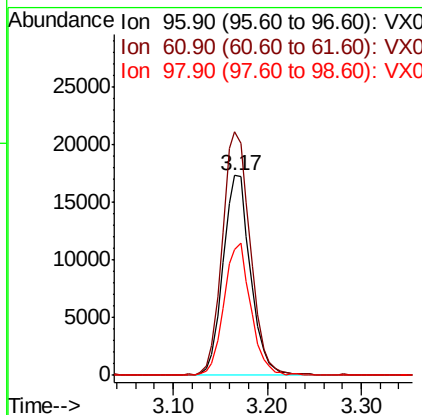
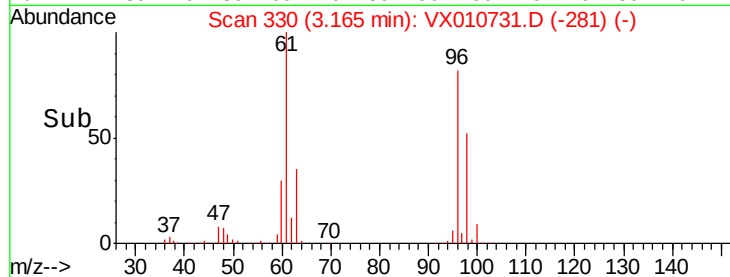
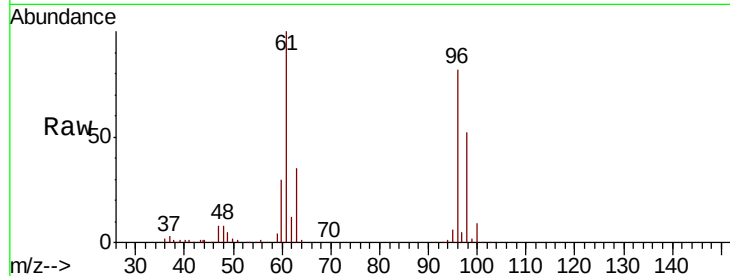
ClientSampleId :

WP022RW349-190705

Tgt Ion:	96	Resp:	35145
Ion	Ratio	Lower	Upper
96	100		
61	121.4	95.6	143.4
98	62.7	52.5	78.7

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#24

1,1-Dichloroethane

Concen: 19.317 ug/l

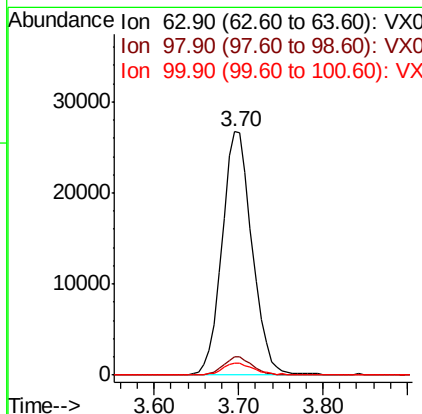
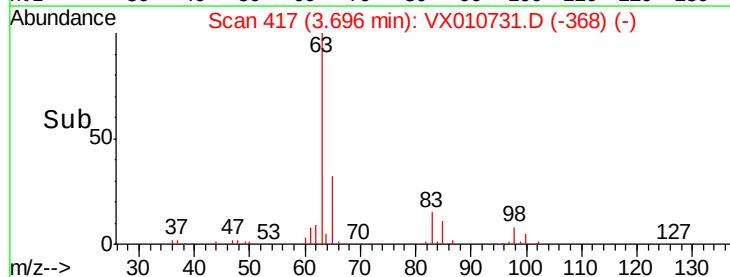
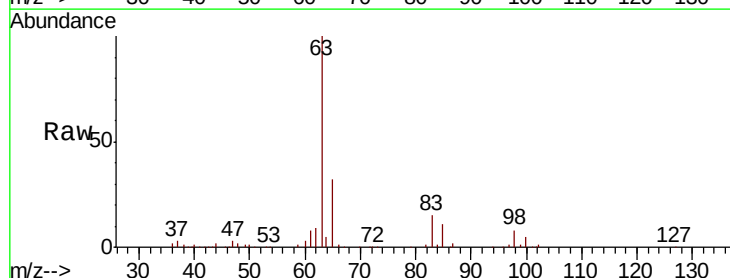
RT: 3.70 min Scan# 417

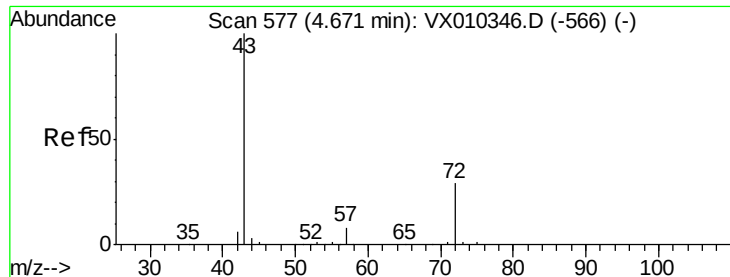
Delta R.T. 0.00 min

Lab File: VX010731.D

Acq: 09 Jul 2019 05:50

Tgt Ion:	63	Resp:	65246
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.9	11.7
100	4.8	2.4	7.1





#25

2-Butanone

Concen: 2.852 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010731.D

Acq: 09 Jul 2019 05:50

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-190705

Tgt Ion: 43 Resp: 4464

Ion Ratio Lower Upper

43 100

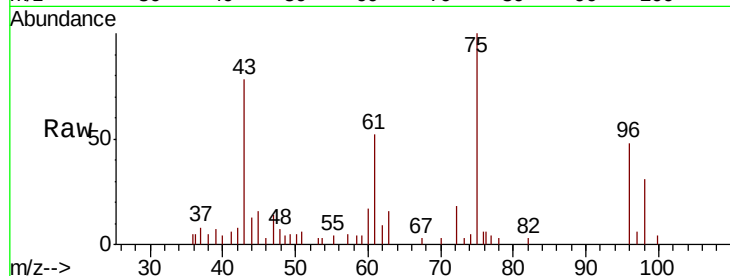
72 19.0 23.3 34.9#

Manual Integrations

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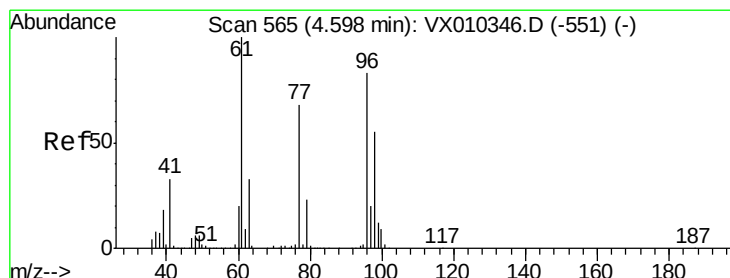
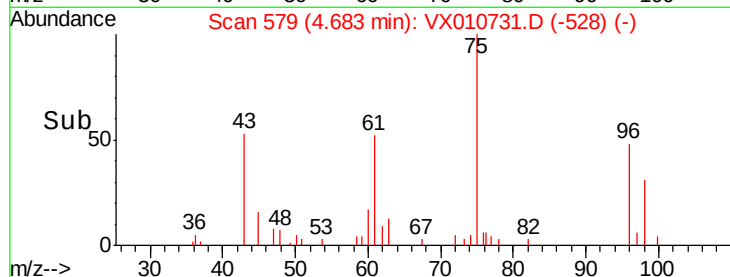
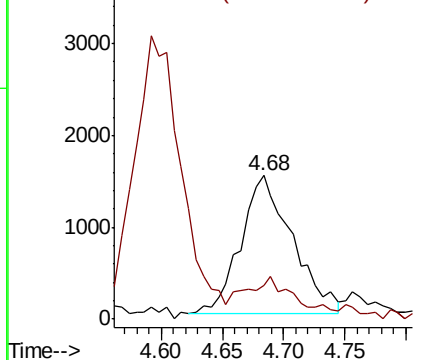
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 360.420 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010731.D

Acq: 09 Jul 2019 05:50

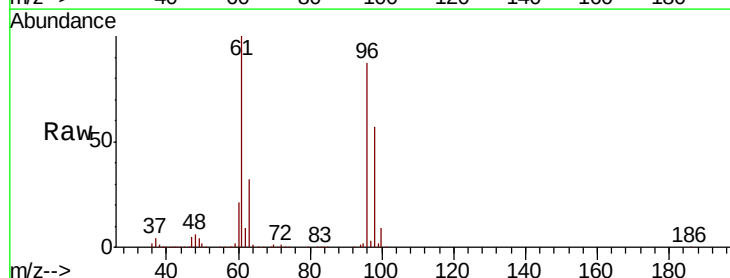
Tgt Ion: 96 Resp: 881796

Ion Ratio Lower Upper

96 100

61 112.7 0.0 251.8

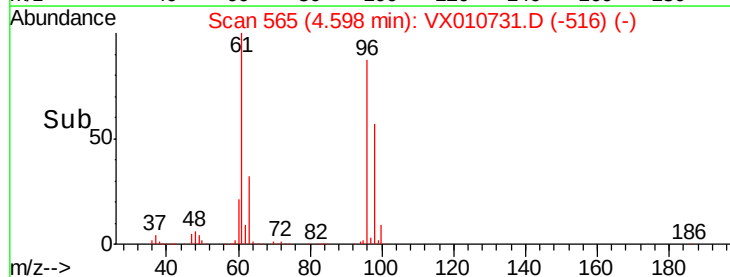
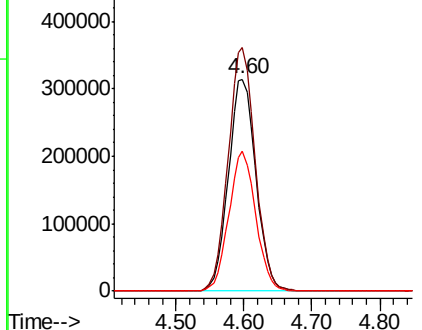
98 64.5 0.0 129.4

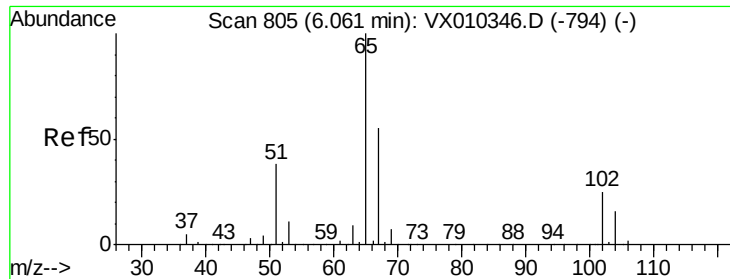


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





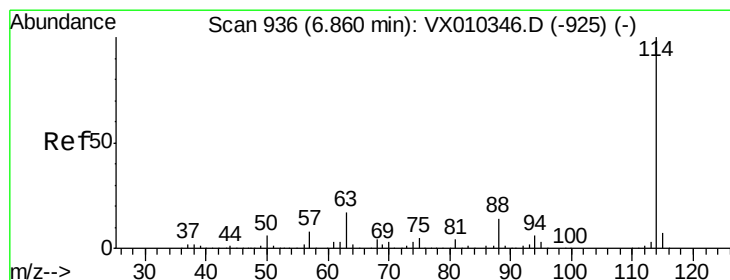
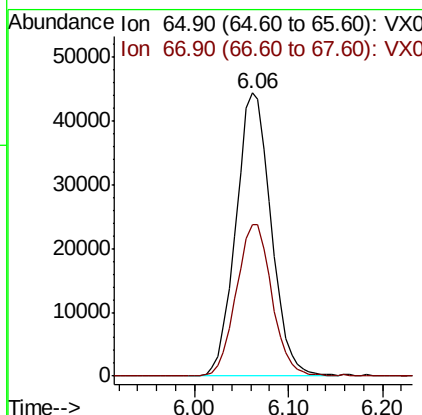
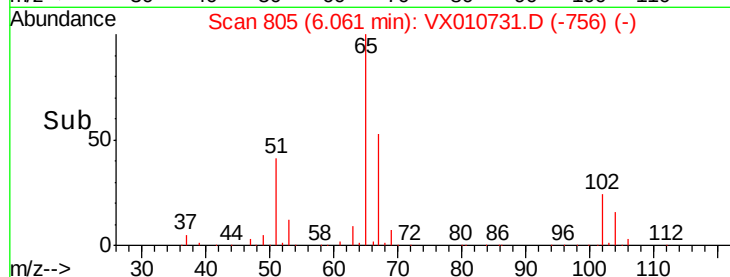
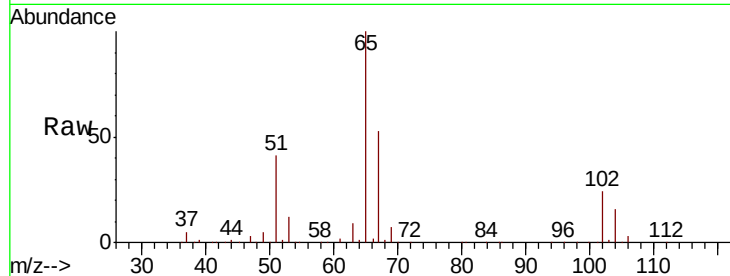
#33
 1,2-Dichloroethane-d4
 Concen: 54.392 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705

Tgt Ion: 65 Resp: 115821
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2

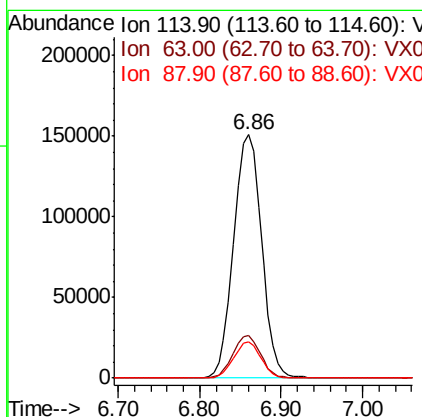
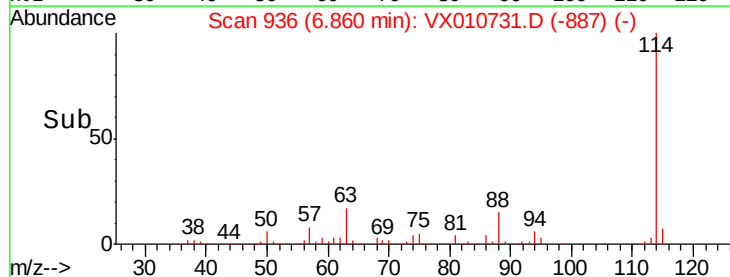
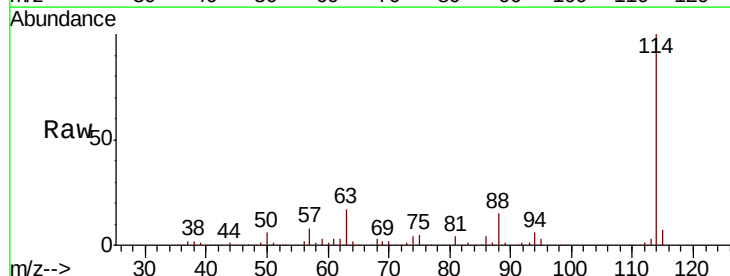
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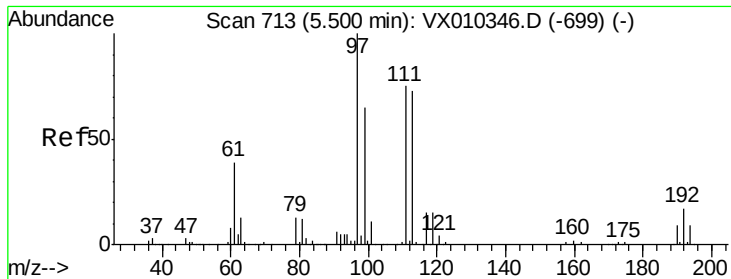
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 7/9/2019 11:24:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Tgt Ion: 114 Resp: 359039
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 14.7 0.0 27.6





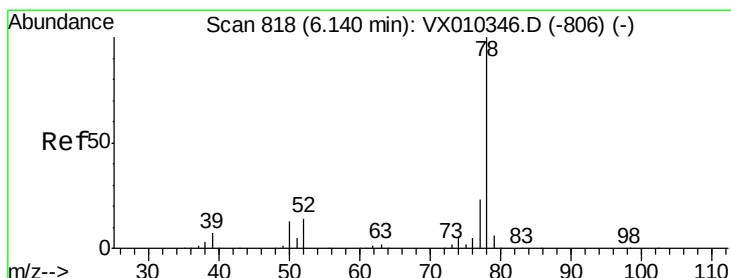
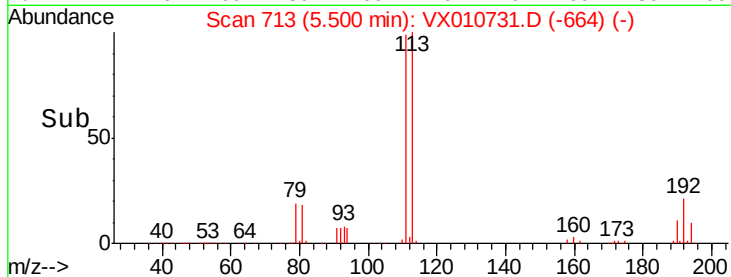
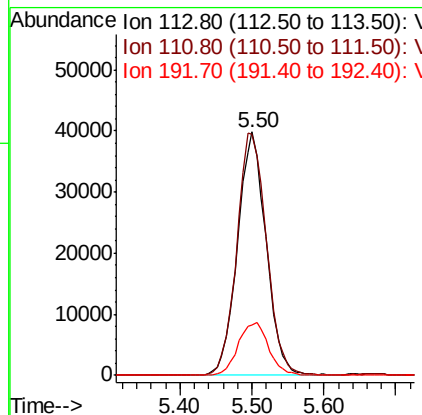
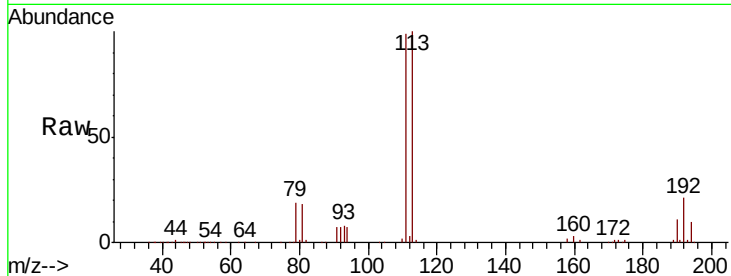
#35
 Dibromofluoromethane
 Concen: 50.050 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	23.2	18.6	27.8

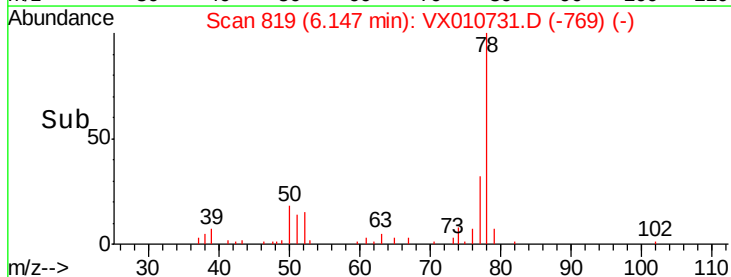
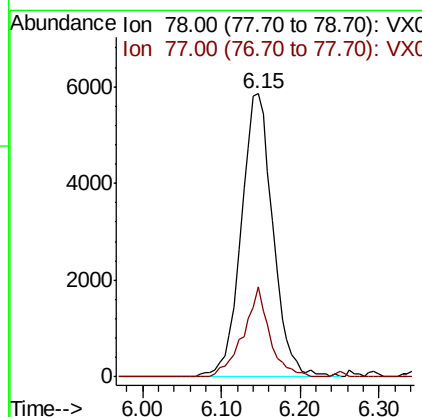
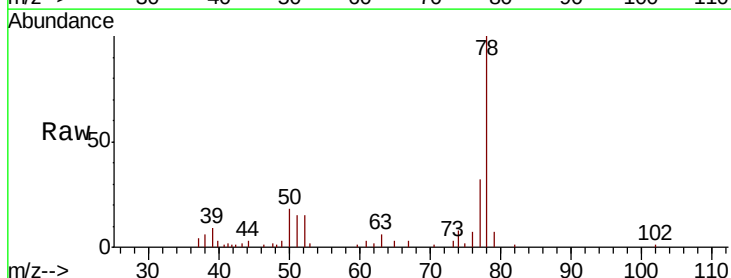
Manual Integrations
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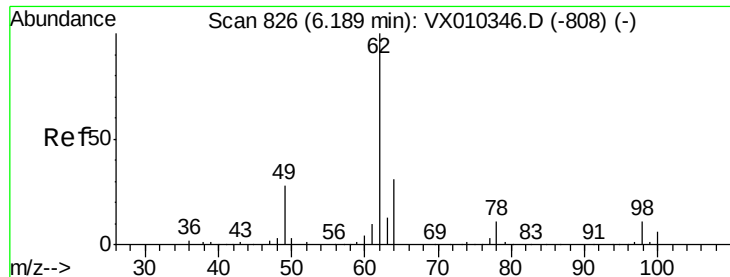
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#40
 Benzene
 Concen: 1.838 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	32.0	18.6	28.0





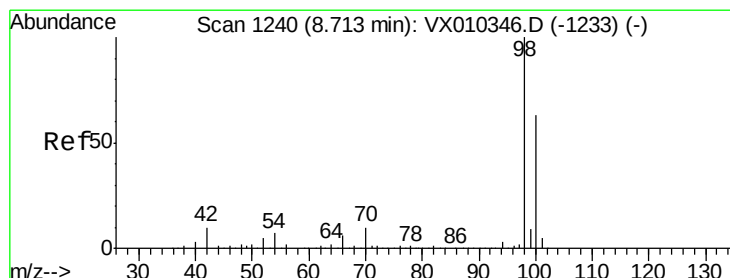
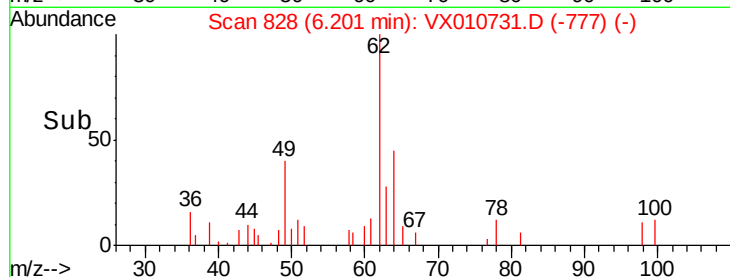
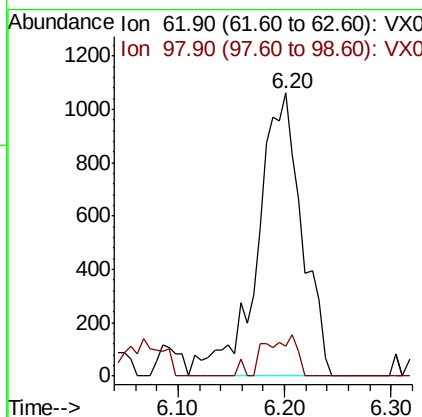
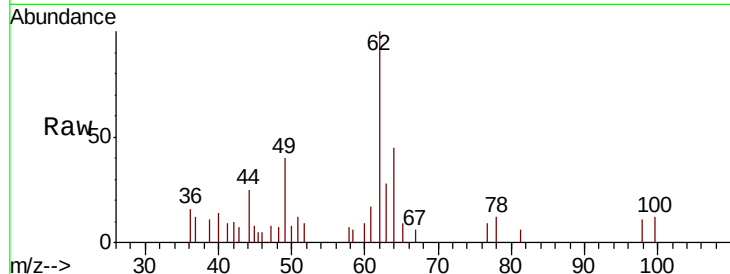
#42
 1,2-Dichloroethane
 Concen: 1.140 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.1	0.0	22.2

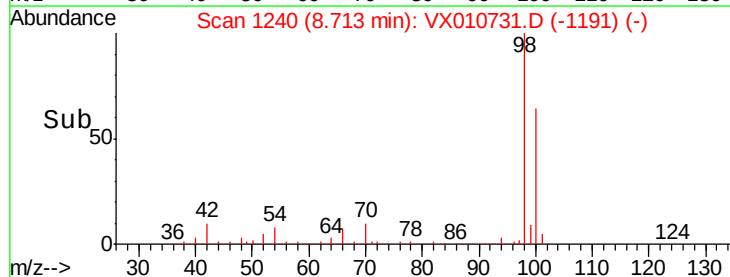
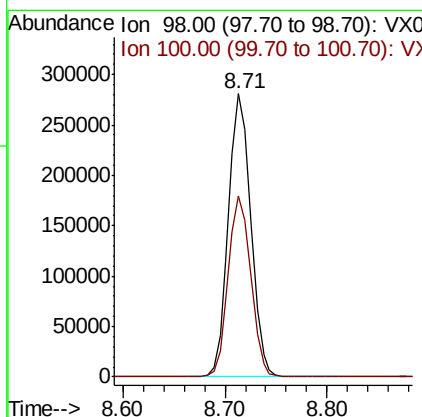
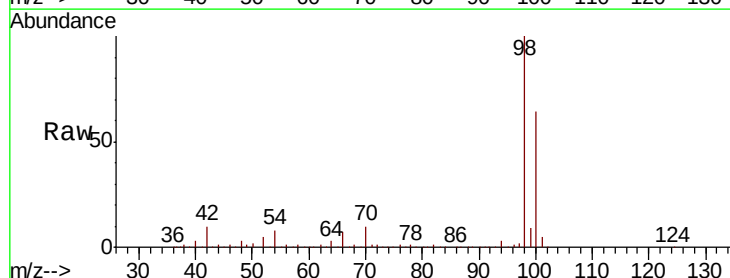
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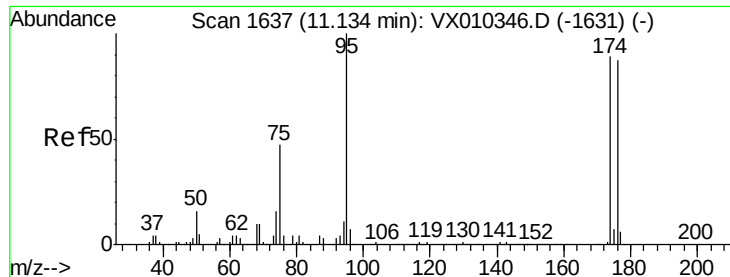
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#50
 Toluene-d8
 Concen: 50.785 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





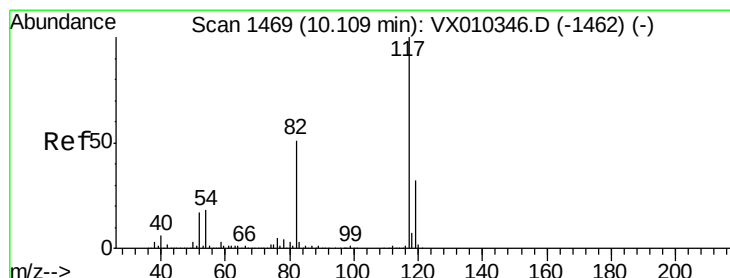
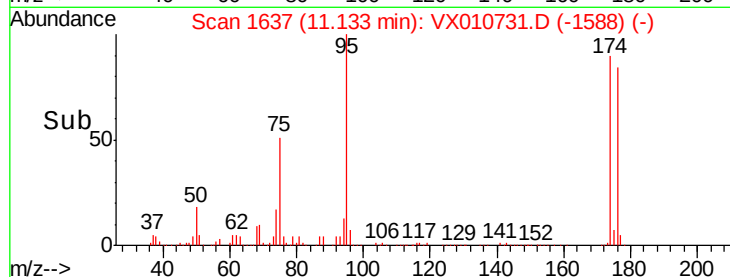
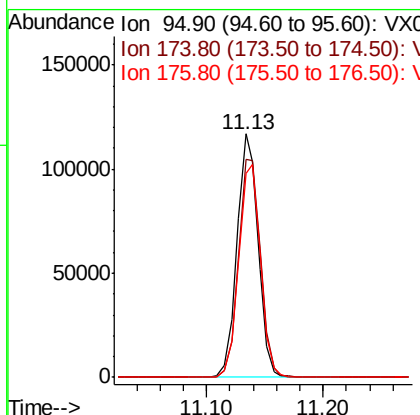
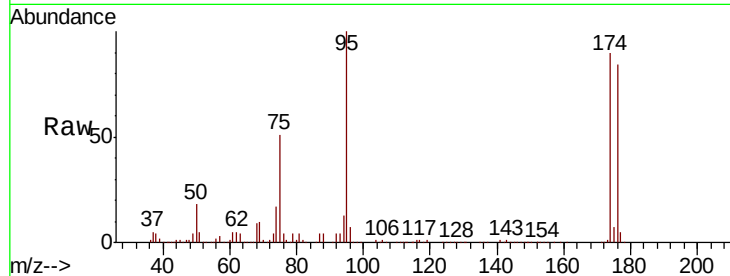
#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010731.D
Acq: 09 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	147718		
174	93.7	0.0	187.6	
176	89.9	0.0	184.0	

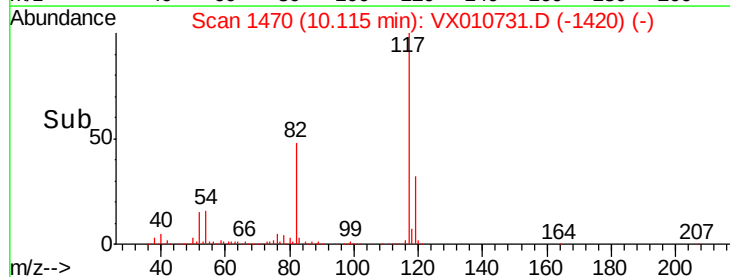
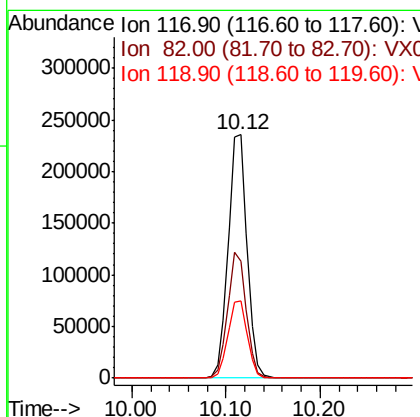
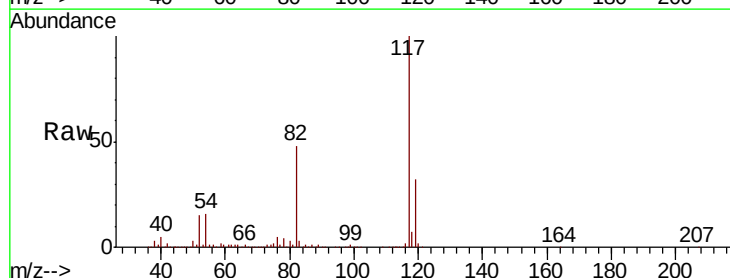
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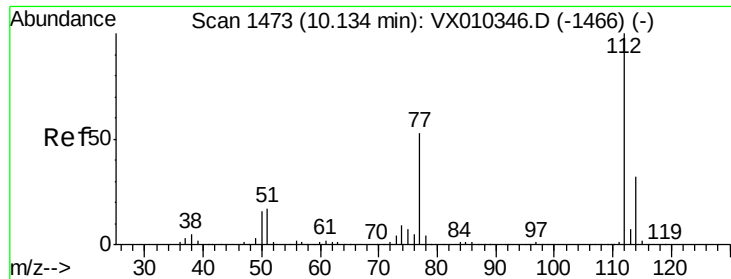
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010731.D
Acq: 09 Jul 2019 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	328068		
82	48.1	41.2	61.8	
119	32.0	25.5	38.3	





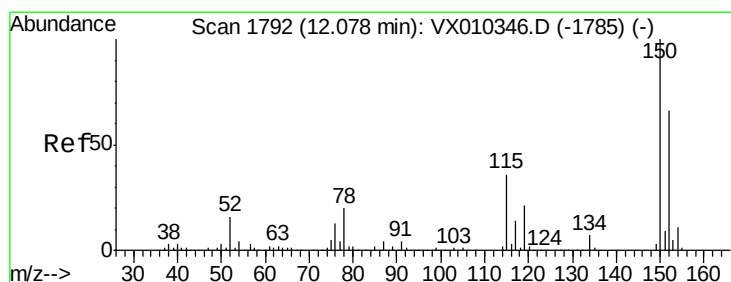
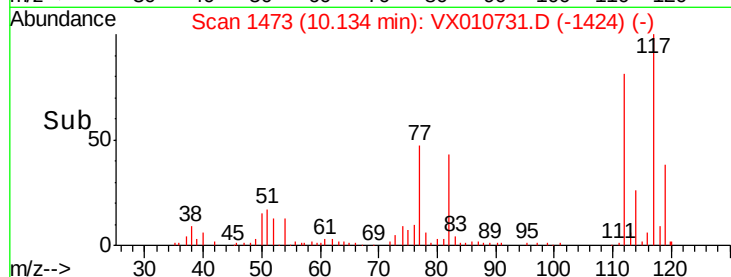
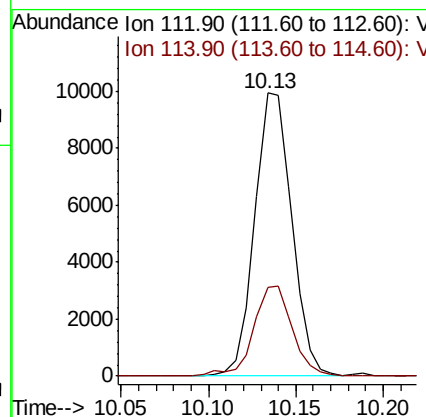
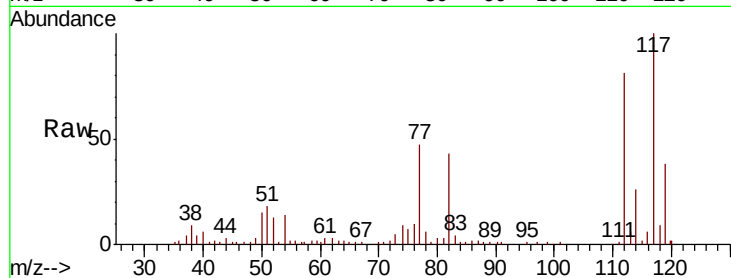
#65
Chlorobenzene
Concen: 2.204 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010731.D
Acq: 09 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705

Tgt Ion:112 Resp: 14681
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

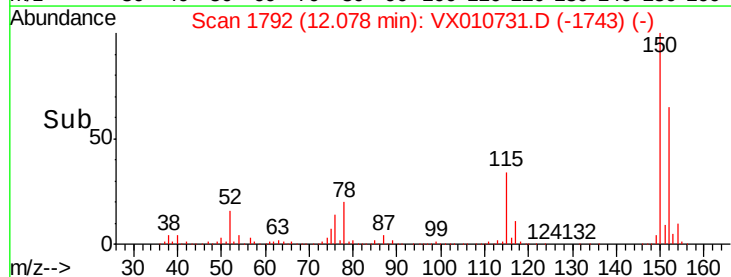
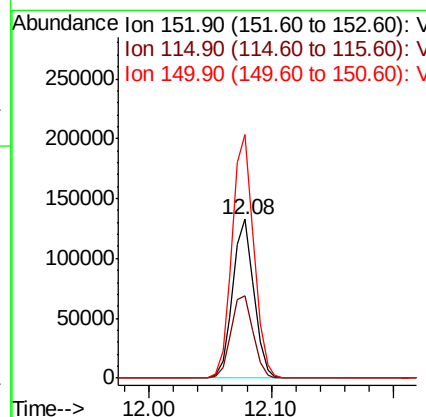
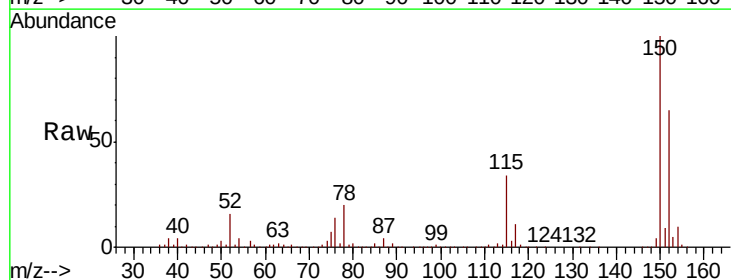
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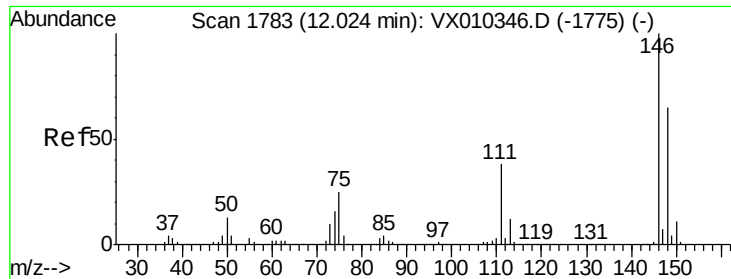
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010731.D
Acq: 09 Jul 2019 05:50

Tgt Ion:152 Resp: 157680
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 156.6 0.0 347.4





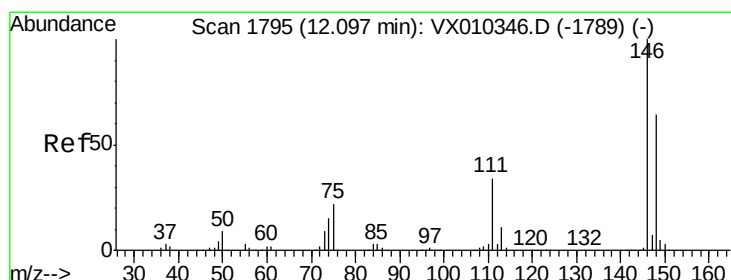
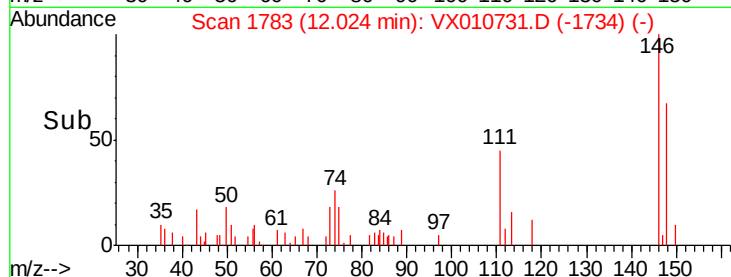
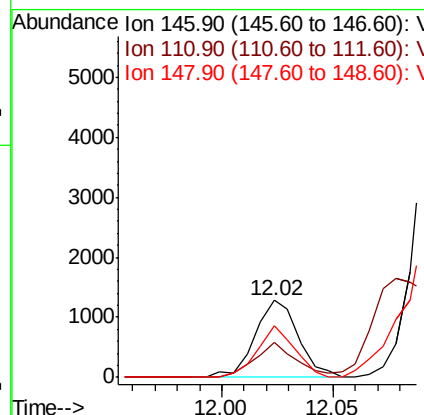
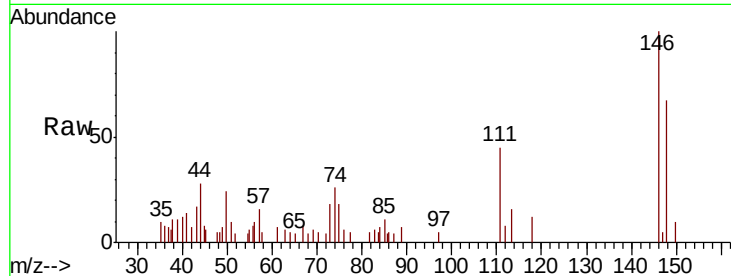
#87
 1,3-Dichlorobenzene
 Concen: 0.333 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.1	57.1
148	57.2	32.5	97.4

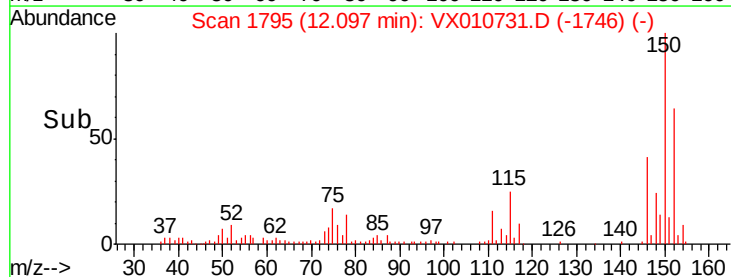
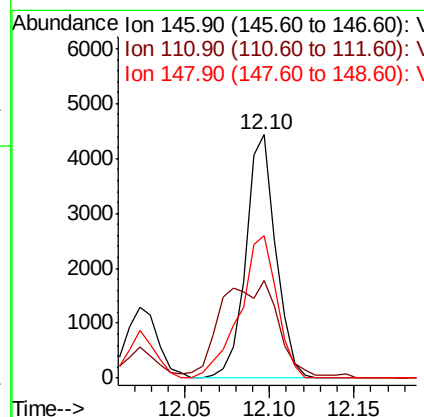
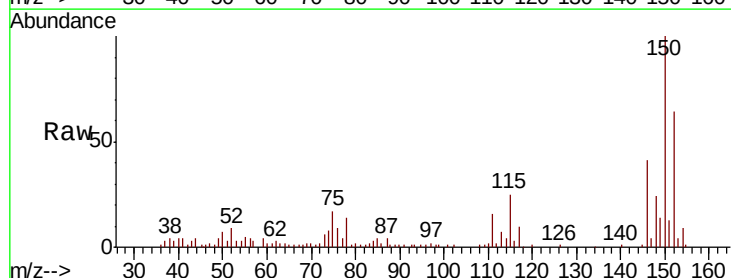
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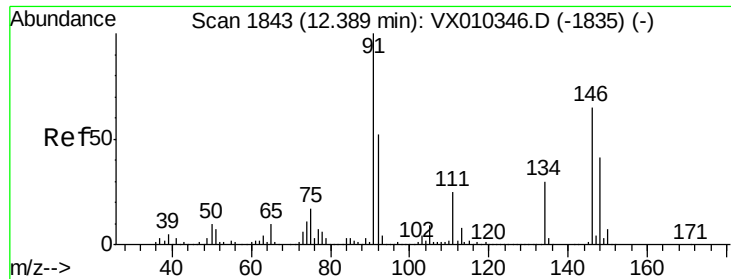
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#88
 1,4-Dichlorobenzene
 Concen: 1.035 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	13.8	18.1	54.3#
148	18.1	32.1	96.3#





#91
 1,2-Dichlorobenzene
 Concen: 3.791 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010731.D
 Acq: 09 Jul 2019 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	63.8	32.0	96.0

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