

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010691.D
 Acq On : 08 Jul 2019 13:29
 Operator : JC/SP
 Sample : K3669-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:10:58 AM

Quant Time: Jul 09 01:36:23 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	239226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119352	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
35) Dibromofluoromethane	5.50	113	114494	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	8.71	98	441986	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	152080	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	1727	0.814	ug/l	89
16) Acetone	2.45	43	3408	3.032	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	29767	11.551	ug/l	90
31) Cyclohexane	5.58	56	26272	8.109	ug/l	94
39) Methylcyclohexane	7.46	83	20510	5.319	ug/l	94
40) Benzene	6.14	78	4414	0.483	ug/l #	89
44) Trichloroethene	7.21	130	29571	10.814	ug/l	96
64) Tetrachloroethene	9.34	164	42453	15.496	ug/l	97
65) Chlorobenzene	10.14	112	143604	20.884	ug/l	98
73) Isopropylbenzene	11.02	105	10839	0.987	ug/l	98
78) n-propylbenzene	11.36	91	9128	0.756	ug/l	100
83) tert-Butylbenzene	11.77	119	13533	1.489	ug/l	83
85) sec-Butylbenzene	11.94	105	17907	1.678	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	2430	0.454	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	11525	2.114	ug/l	87
89) n-Butylbenzene	12.38	91	4909m	0.585	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	3175	0.597	ug/l	92
95) Naphthalene	13.83	128	4729	0.417	ug/l #	92

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

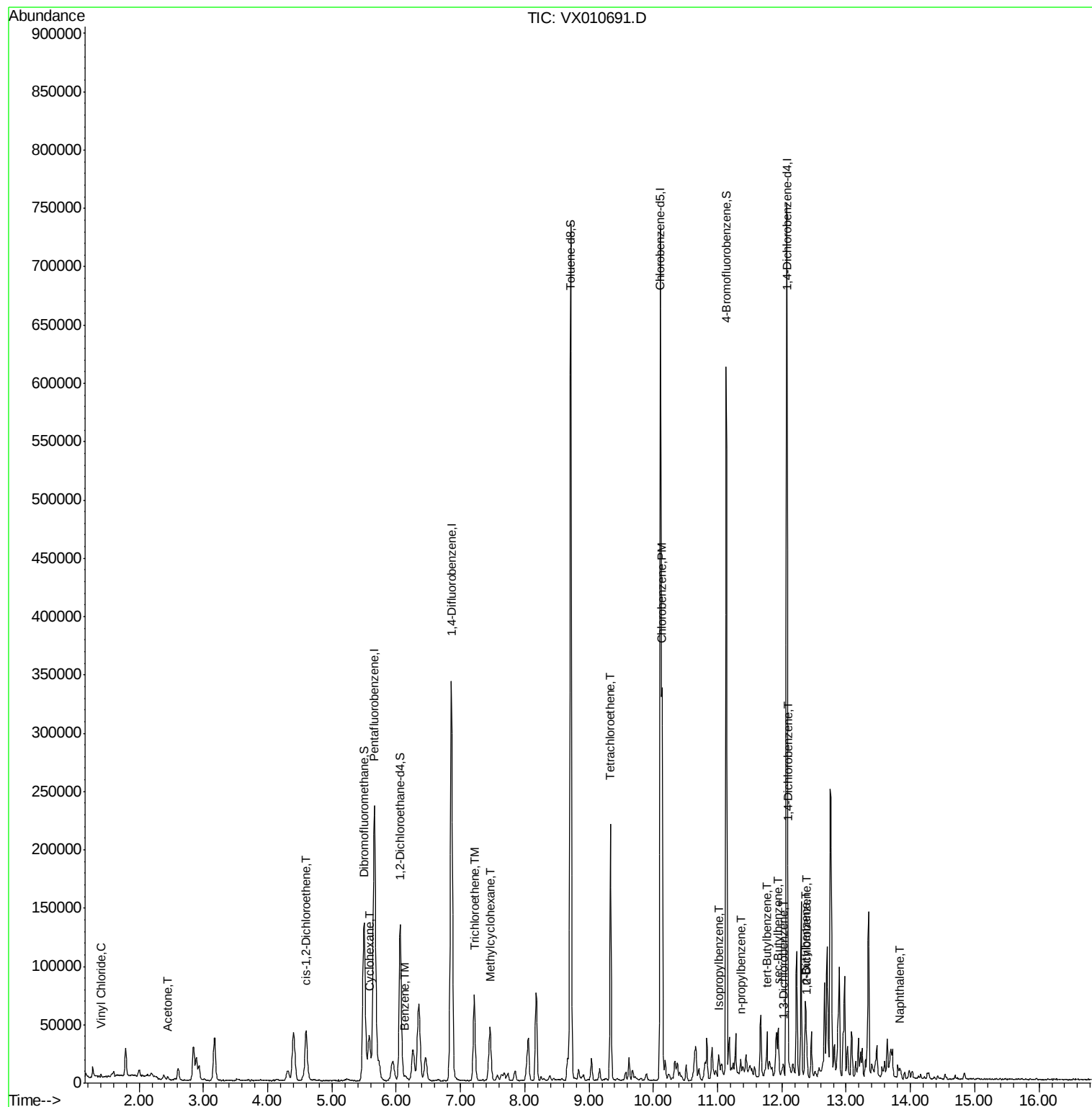
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010691.D
Acq On : 08 Jul 2019 13:29
Operator : JC/SP
Sample : K3669-02
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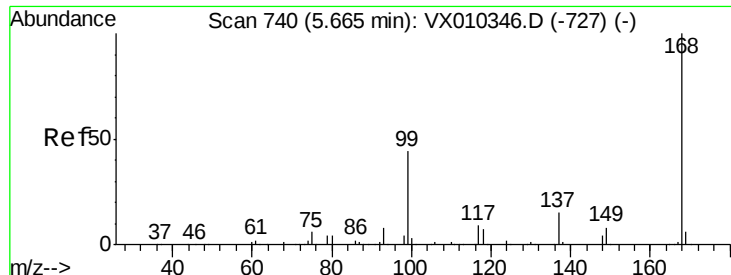
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

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Quant Time: Jul 09 01:36:23 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: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

Tgt Ion: 168 Resp: 239226

Ion Ratio Lower Upper

168 100

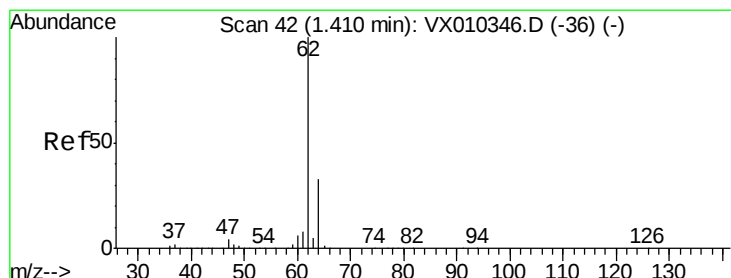
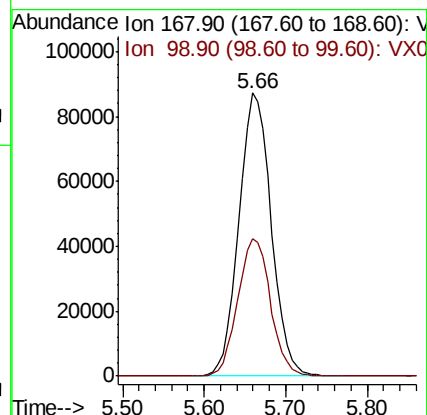
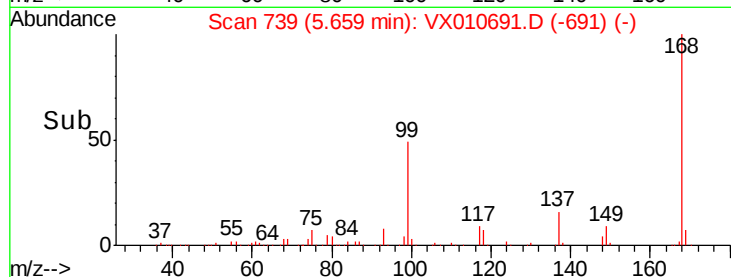
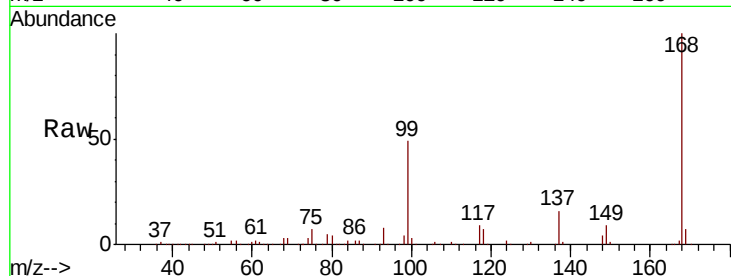
99 48.6 35.5 53.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.814 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010691.D

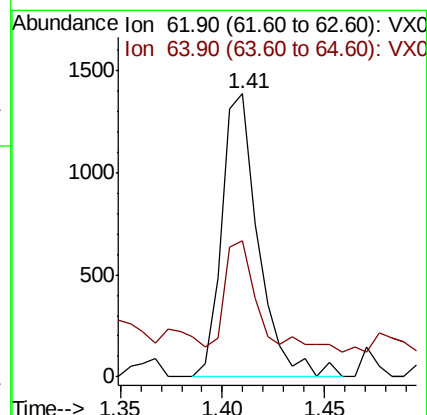
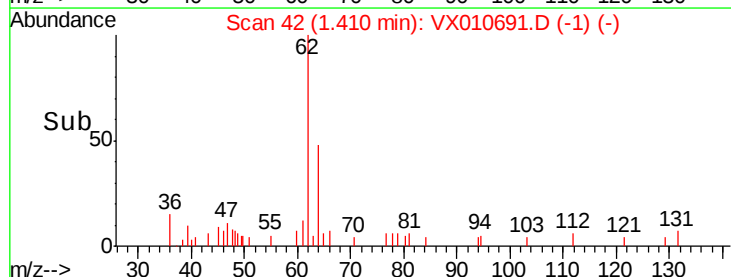
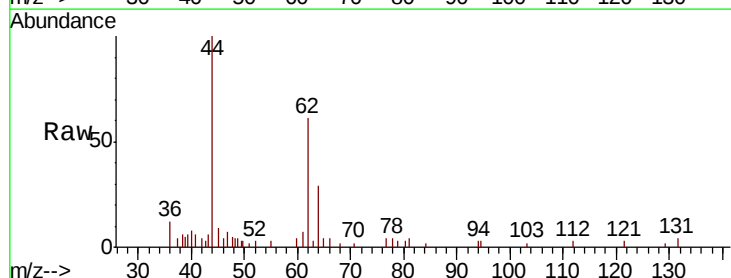
Acq: 08 Jul 2019 13:29

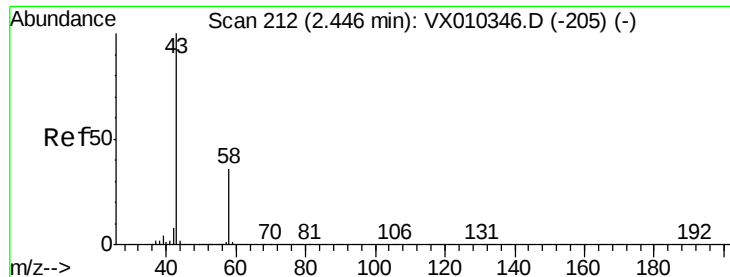
Tgt Ion: 62 Resp: 1727

Ion Ratio Lower Upper

62 100

64 38.9 26.2 39.4





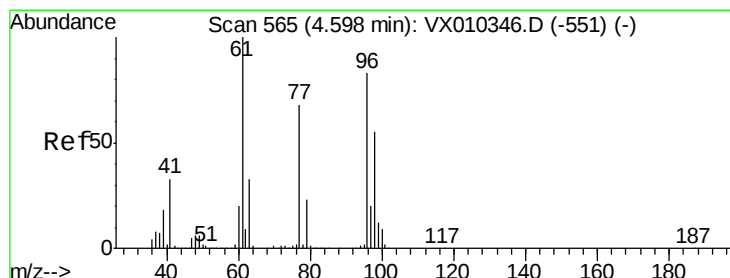
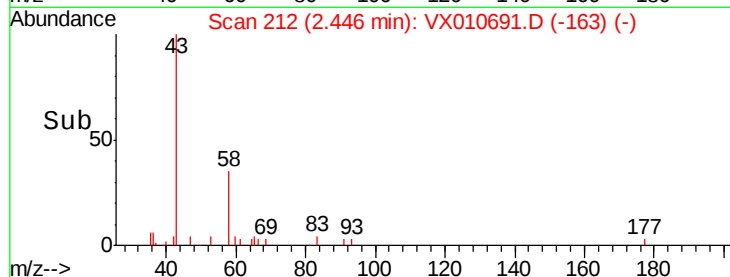
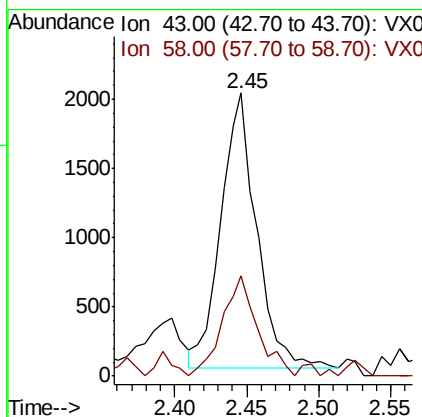
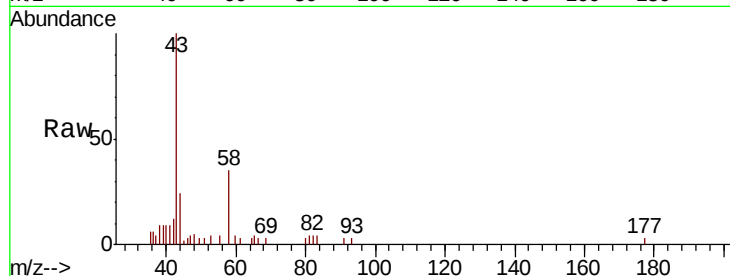
#16
Acetone
Concen: 3.032 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.9	43.3

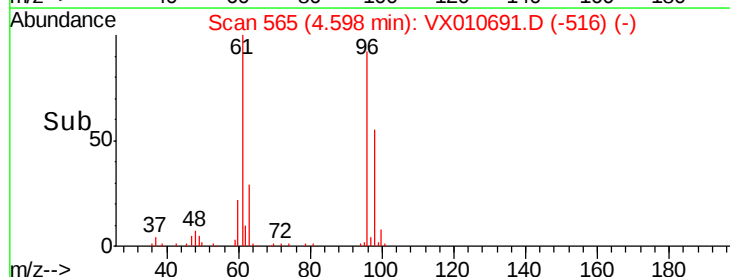
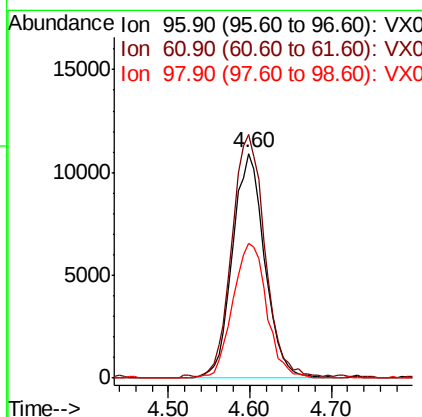
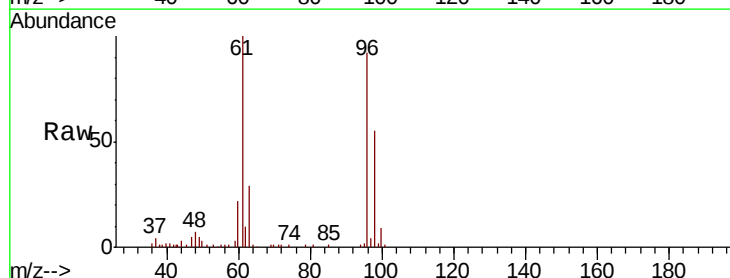
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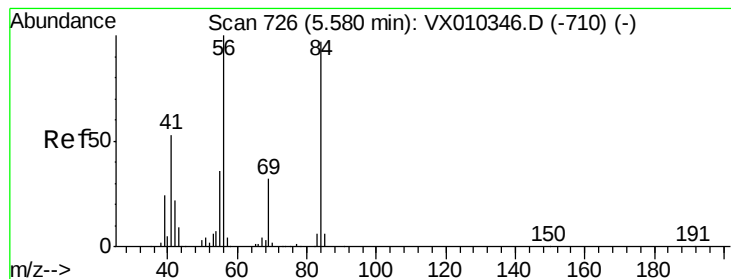
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#27
cis-1,2-Dichloroethene
Concen: 11.551 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	109.0	0.0	251.8
98	63.1	0.0	129.4





#31

Cyclohexane

Concen: 8.109 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

Tgt Ion: 56 Resp: 26272

Ion Ratio Lower Upper

56 100

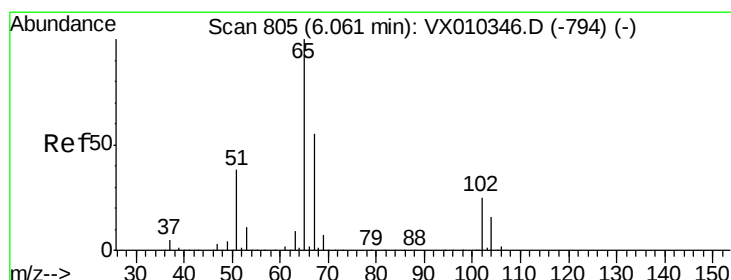
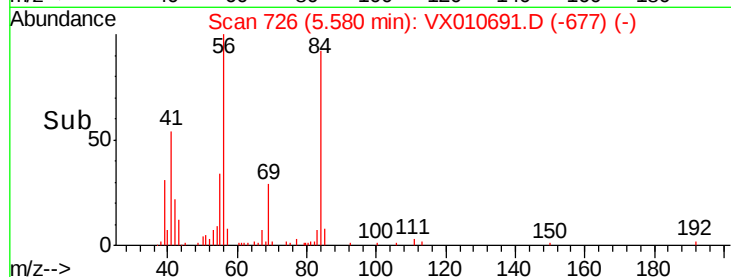
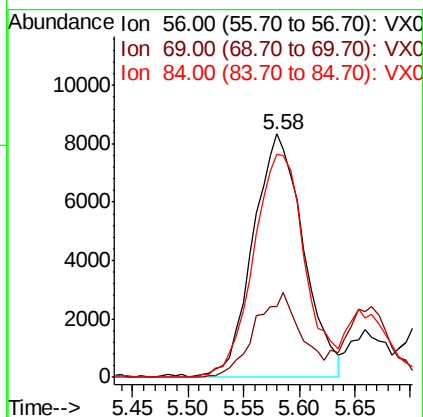
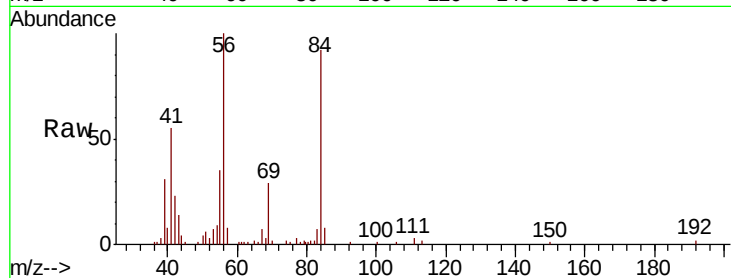
69 29.1 25.9 38.9

84 91.6 78.0 117.0

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#33

1,2-Dichloroethane-d4

Concen: 53.211 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010691.D

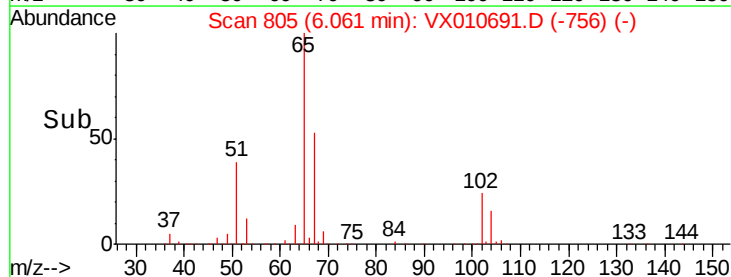
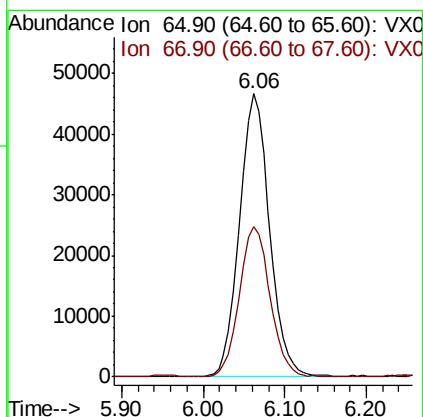
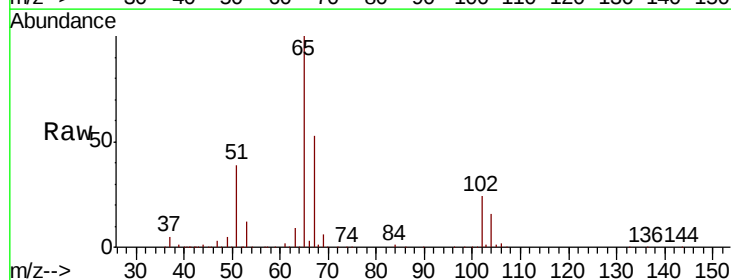
Acq: 08 Jul 2019 13:29

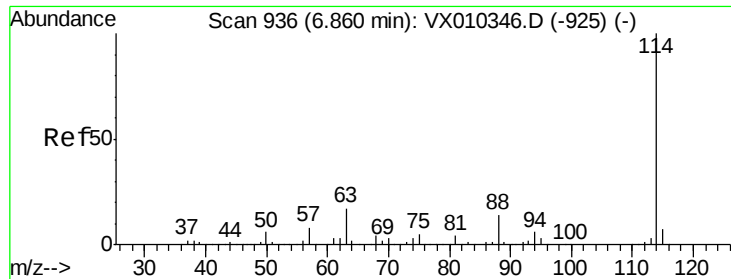
Tgt Ion: 65 Resp: 119352

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2





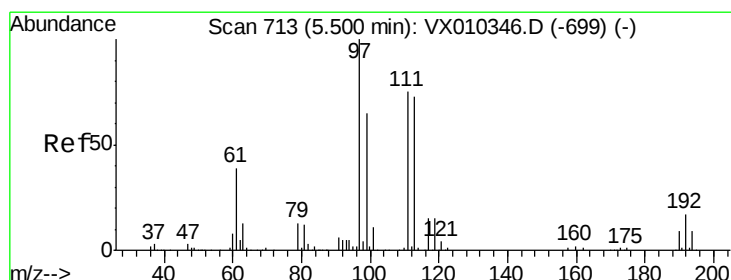
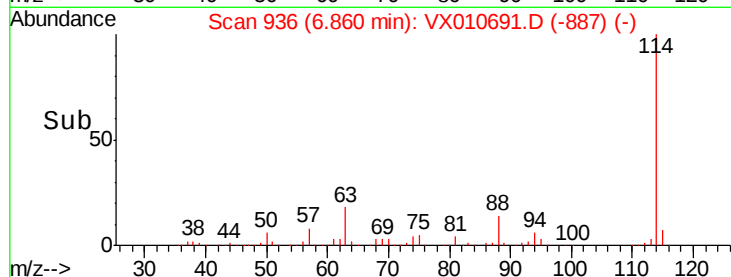
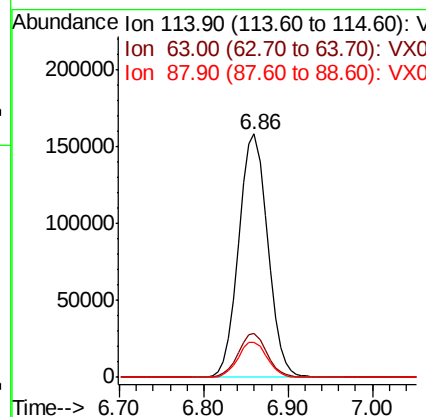
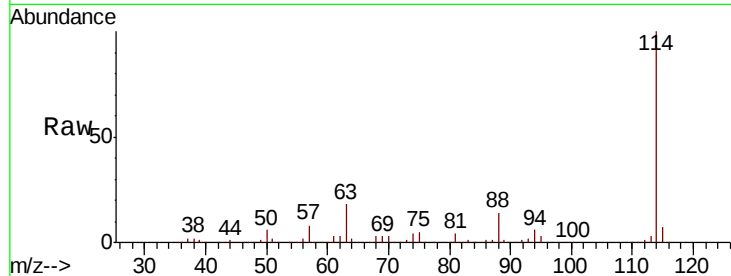
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369124		
63	18.1	0.0	33.8	
88	14.3	0.0	27.6	

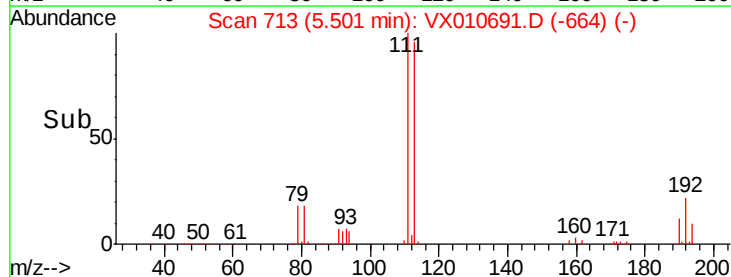
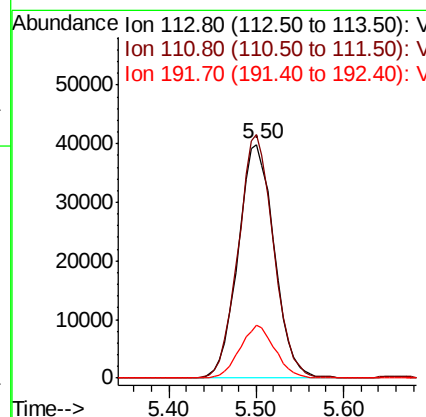
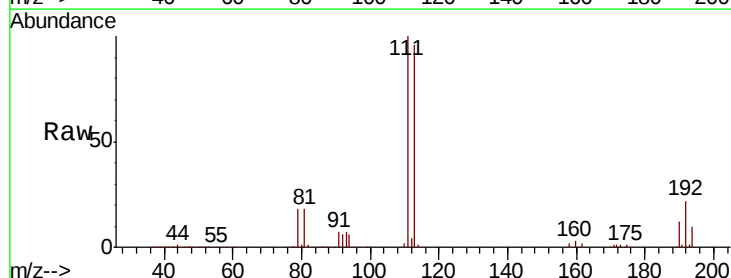
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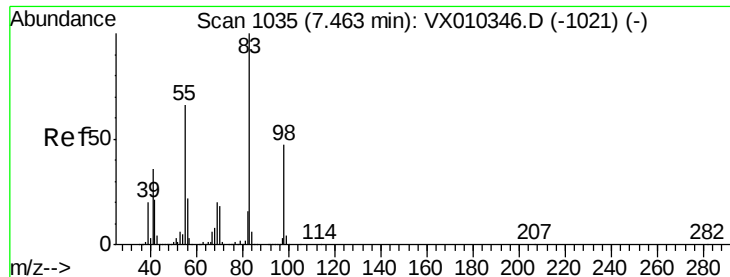
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#35
Dibromofluoromethane
Concen: 50.696 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	114494		
111	101.6	81.2	121.8	
192	21.9	18.6	27.8	





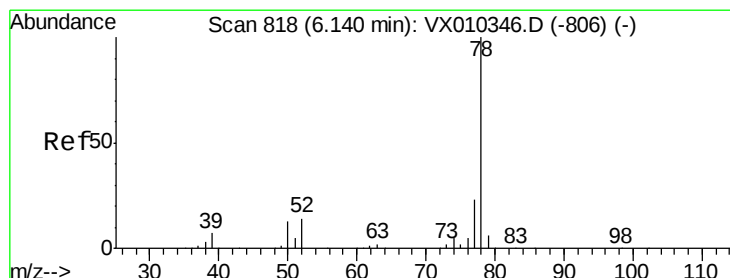
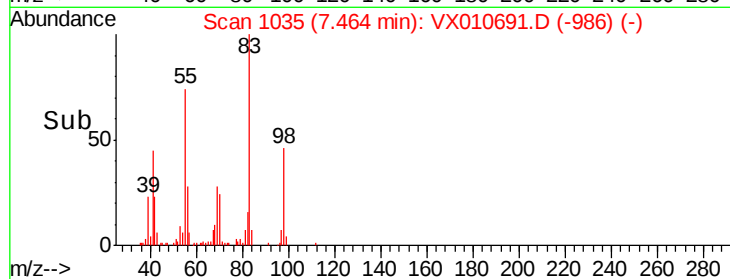
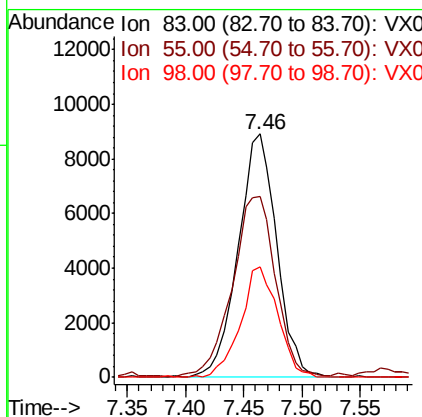
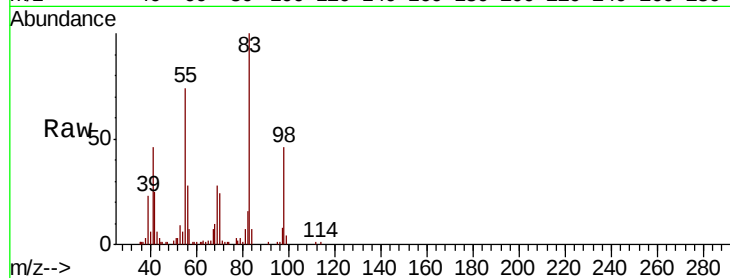
#39
Methylcyclohexane
Concen: 5.319 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Instrument :
MSVOA_X
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SS037MW266-190701

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.6	53.0	79.6
98	45.6	37.8	56.8

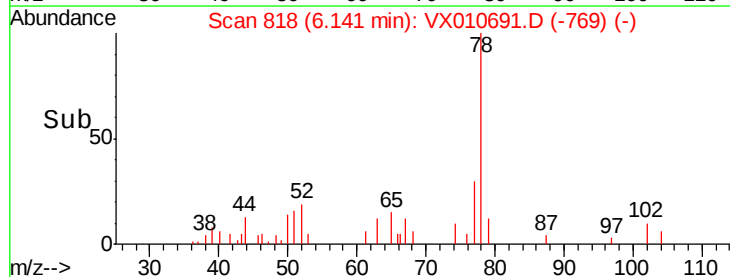
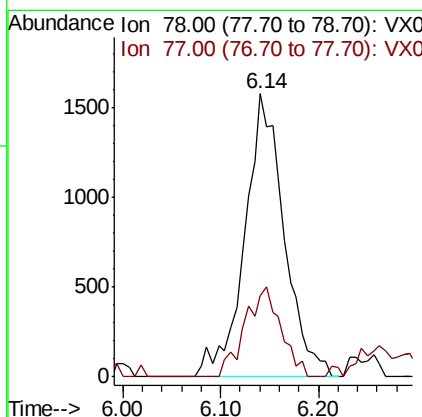
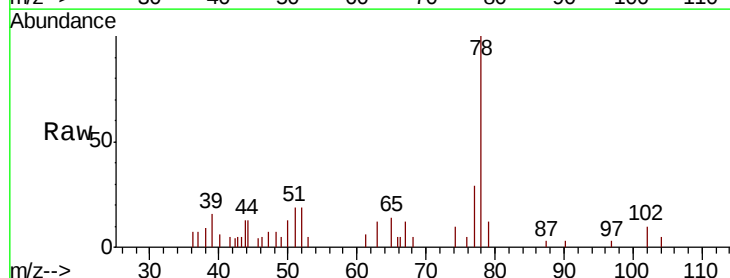
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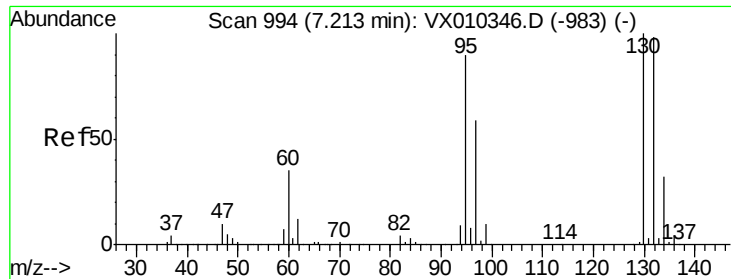
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#40
Benzene
Concen: 0.483 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.8	18.6	28.0





#44

Trichloroethene

Concen: 10.814 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

Tgt Ion:130 Resp: 29571

Ion Ratio Lower Upper

130 100

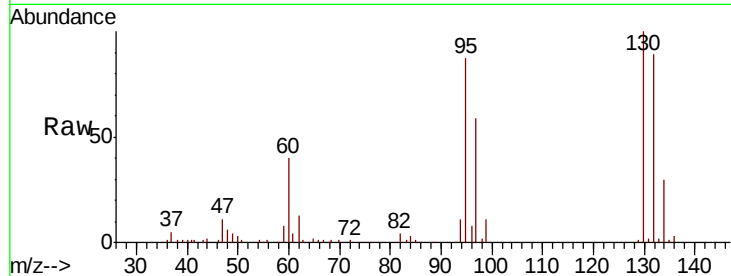
95 87.1 0.0 180.8

Manual Integrations

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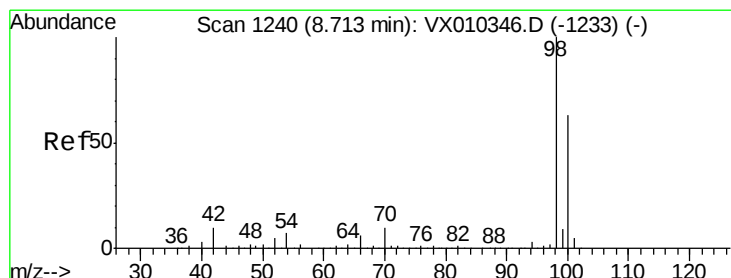
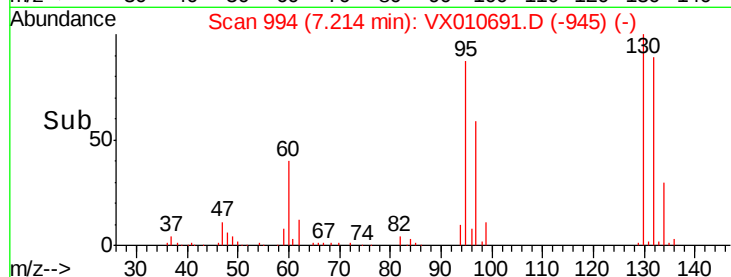
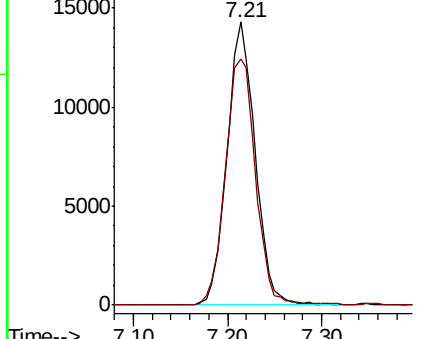
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.154 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010691.D

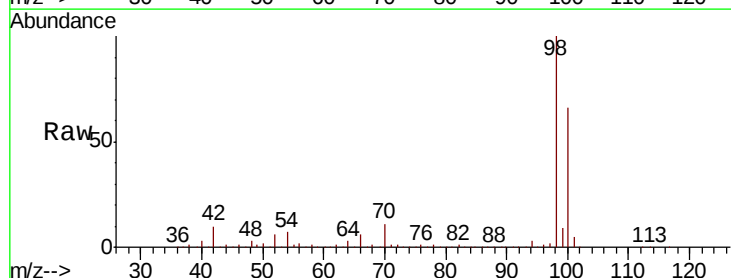
Acq: 08 Jul 2019 13:29

Tgt Ion: 98 Resp: 441986

Ion Ratio Lower Upper

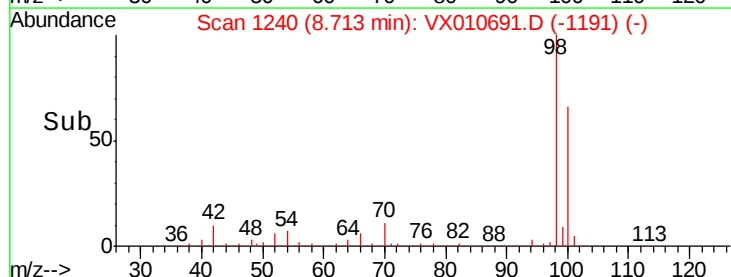
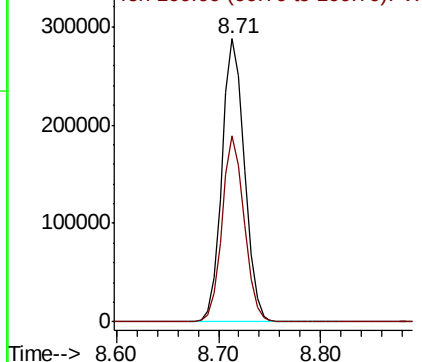
98 100

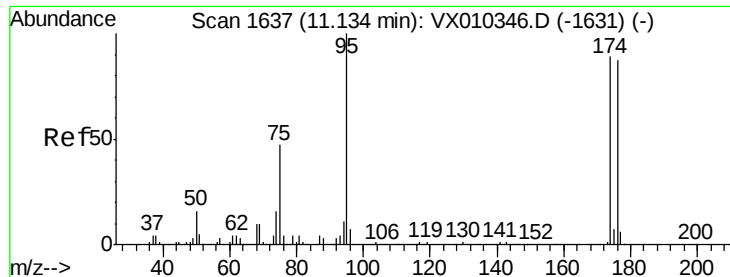
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





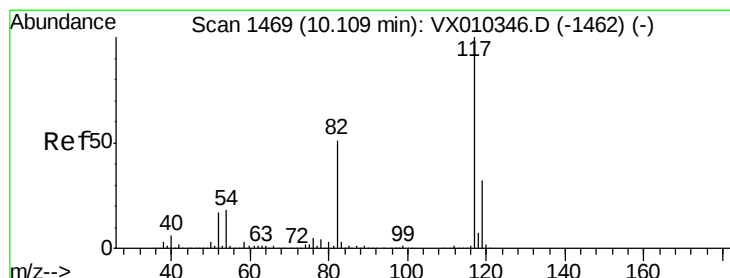
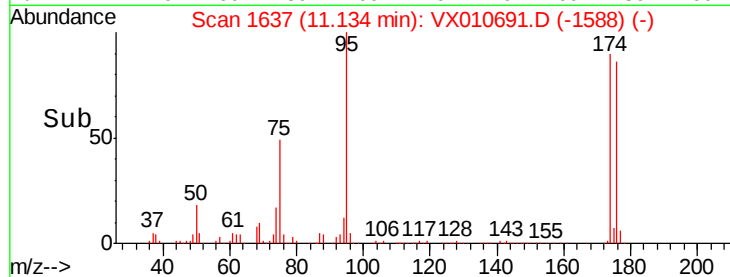
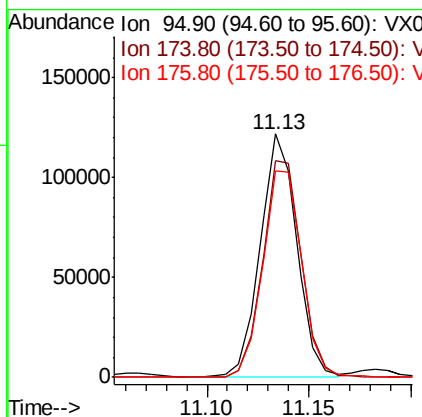
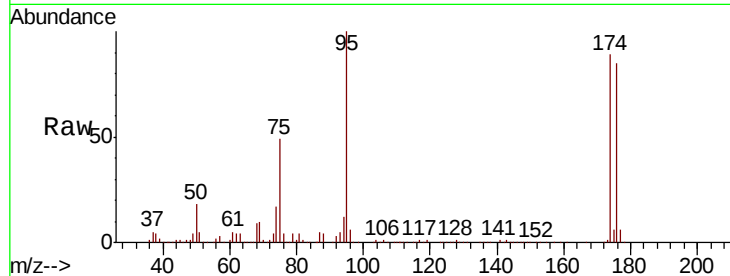
#62
4-Bromofluorobenzene
Concen: 48.753 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	152080		
174	94.1	0.0	187.6	
176	90.8	0.0	184.0	

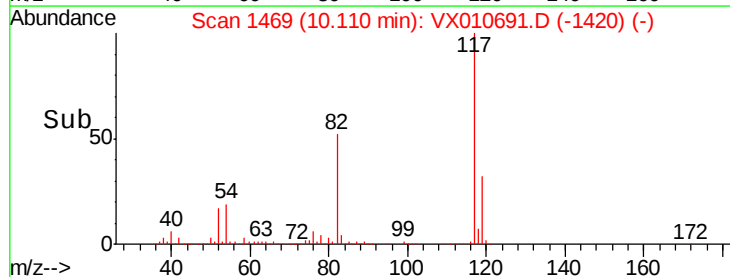
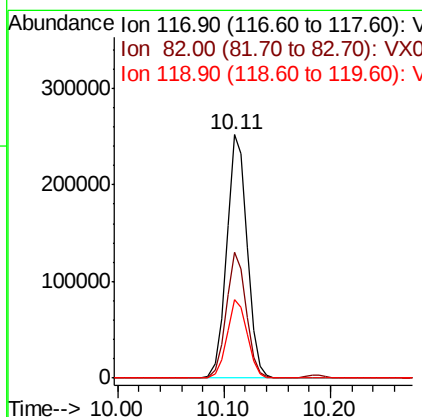
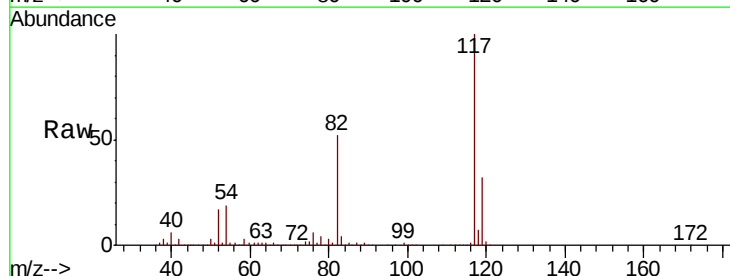
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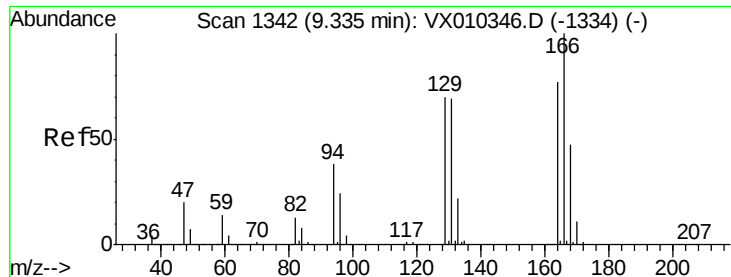
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	338706		
82	51.6	41.2	61.8	
119	32.2	25.5	38.3	





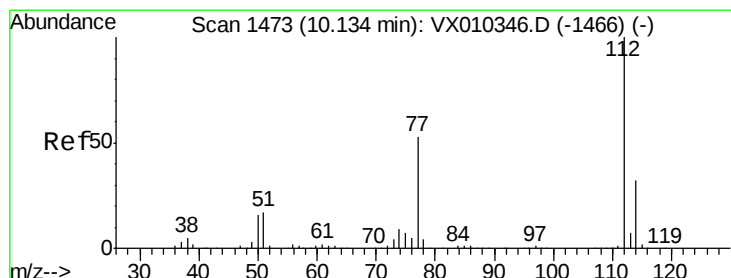
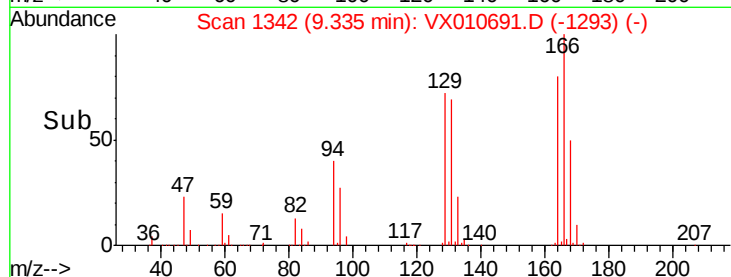
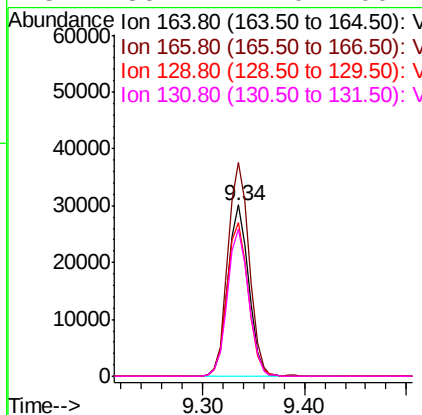
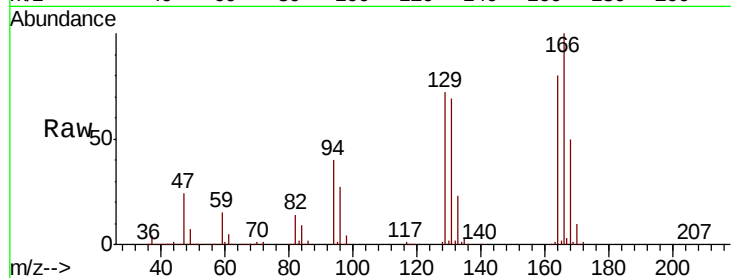
#64
Tetrachloroethene
Concen: 15.496 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	124.6	42453	103.6	155.4
129	89.4		73.0	109.4
131	86.2		71.0	106.4

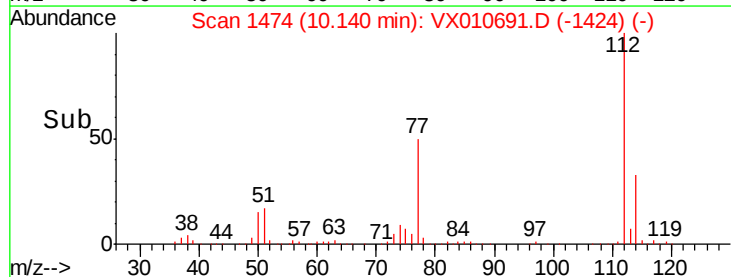
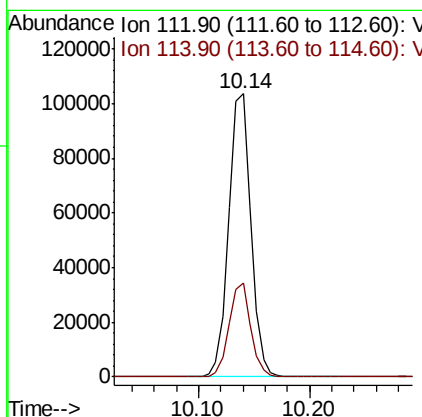
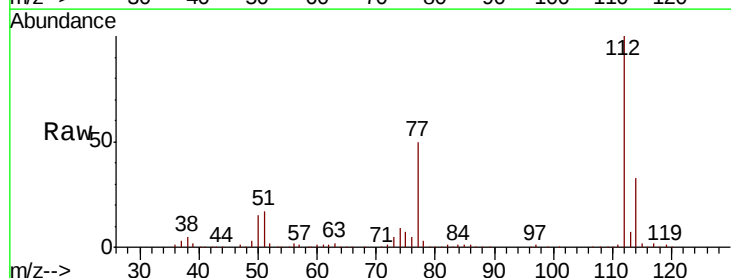
Manual Integrations
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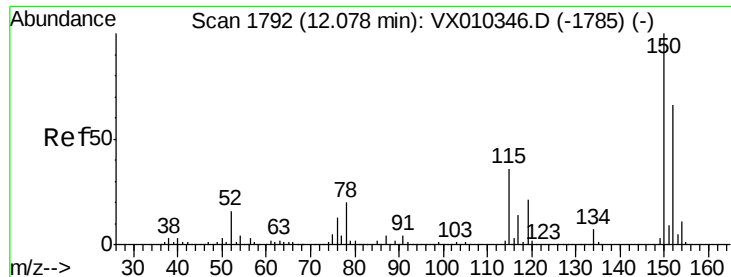
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#65
Chlorobenzene
Concen: 20.884 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	143604		
114	33.2		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: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

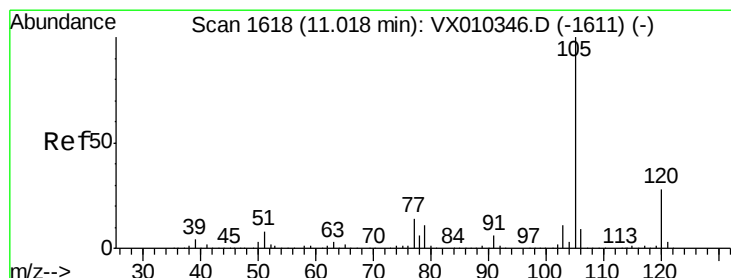
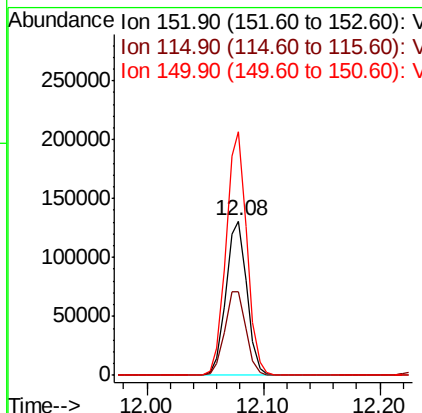
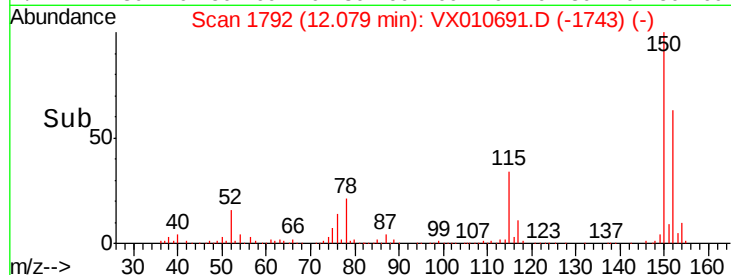
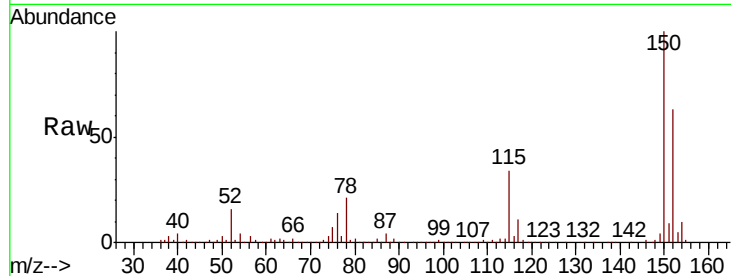
ClientSampleId :

SS037MW266-190701

Tgt Ion:	152	Resp:	162045
Ion Ratio	Lower	Upper	
152	100		
115	55.7	38.6	115.7
150	157.3	0.0	347.4

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#73

Isopropylbenzene

Concen: 0.987 ug/l

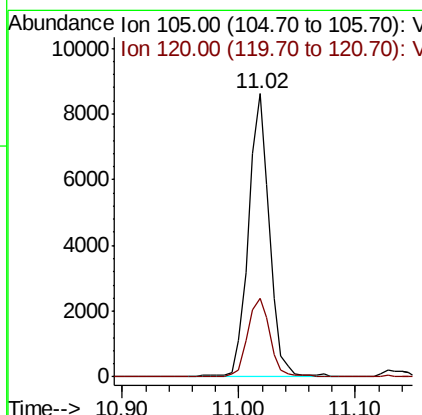
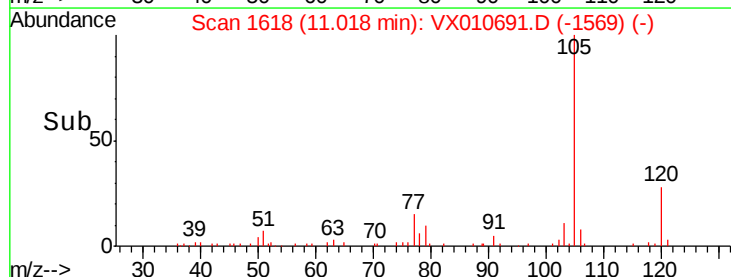
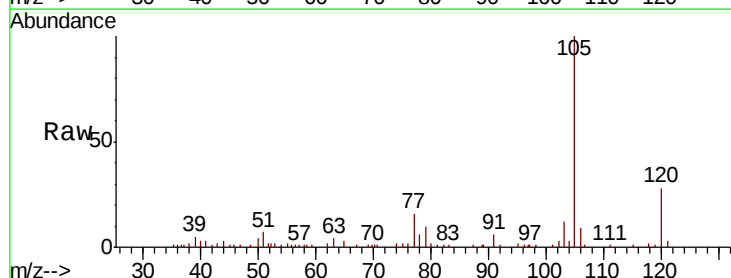
RT: 11.02 min Scan# 1618

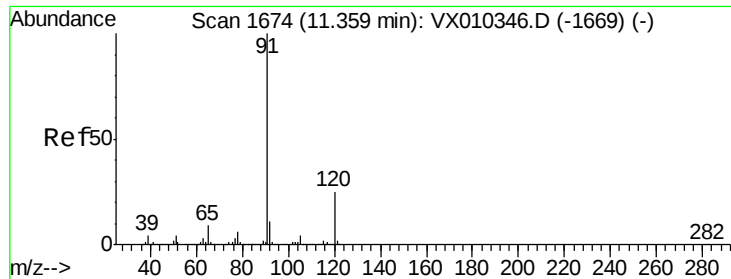
Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Tgt Ion:	105	Resp:	10839
Ion Ratio	Lower	Upper	
105	100		
120	29.6	14.1	42.4





#78

n-propylbenzene

Concen: 0.756 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

Tgt Ion: 91 Resp: 9128

Ion Ratio Lower Upper

91 100

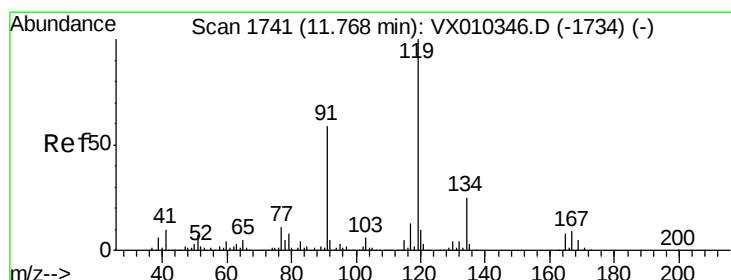
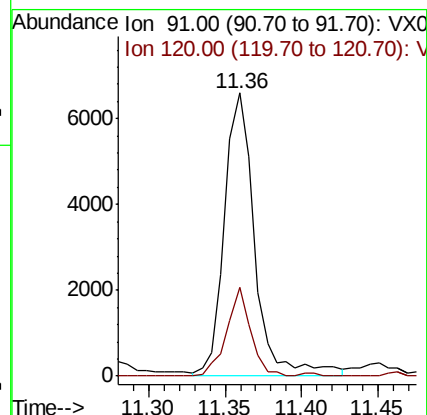
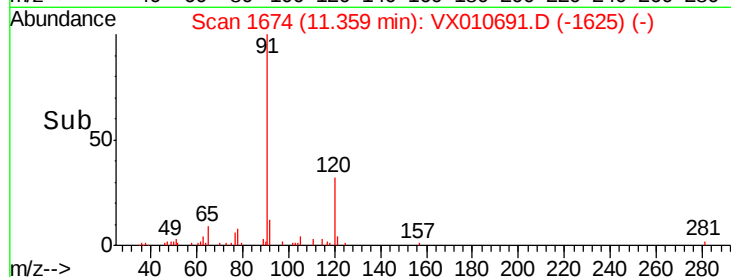
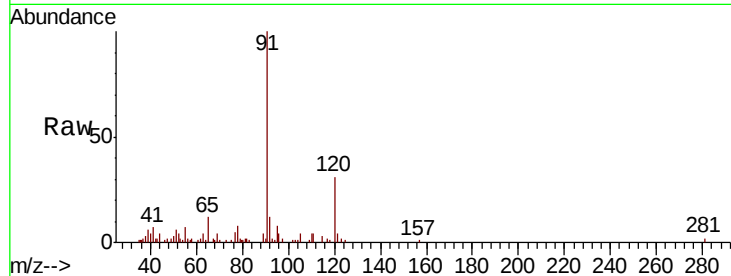
120 24.7 12.4 37.4

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#83

tert-Butylbenzene

Concen: 1.489 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

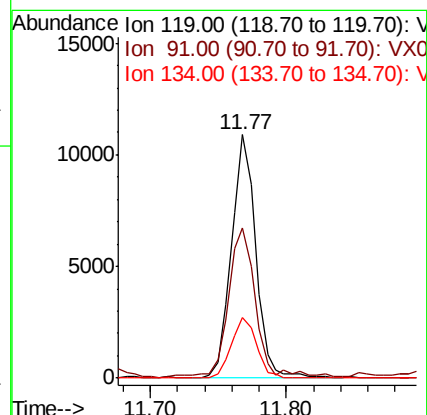
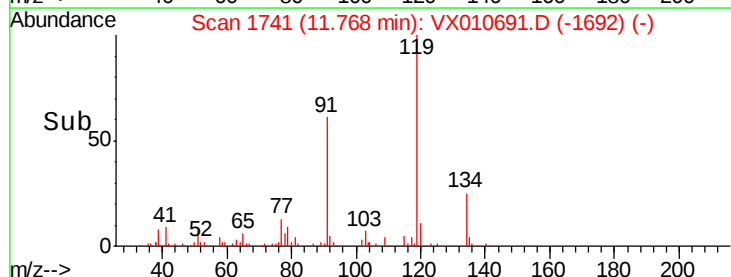
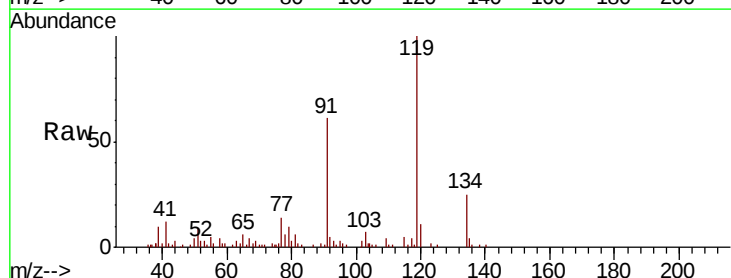
Tgt Ion: 119 Resp: 13533

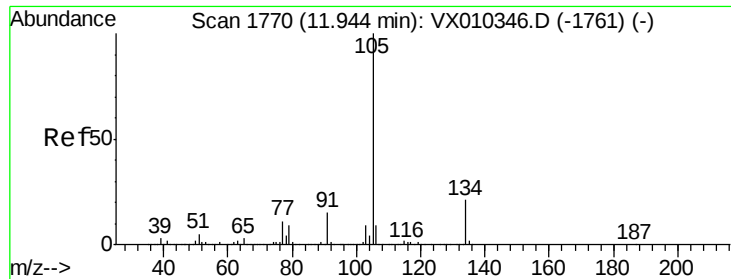
Ion Ratio Lower Upper

119 100

91 71.1 27.6 82.7

134 25.6 11.8 35.4





#85

sec-Butylbenzene

Concen: 1.678 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

Tgt Ion:105 Resp: 17907

Ion Ratio Lower Upper

105 100

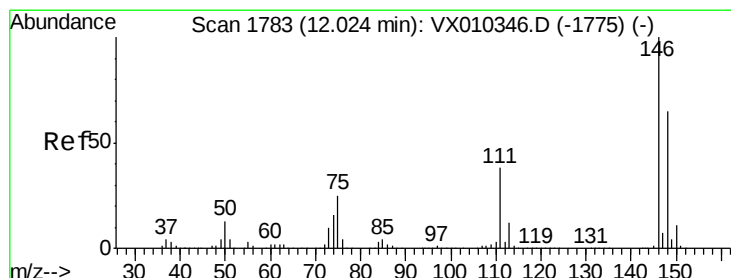
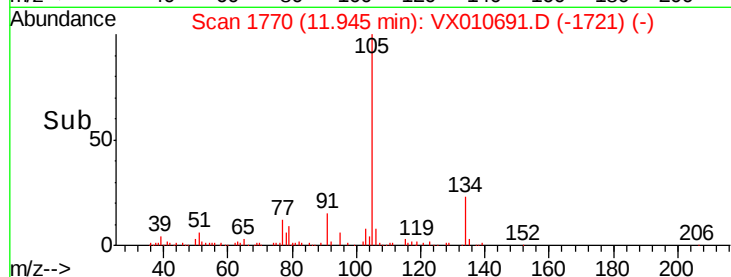
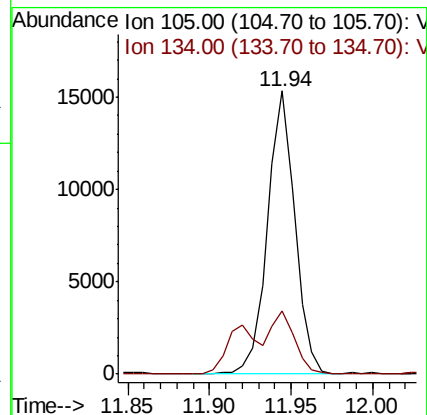
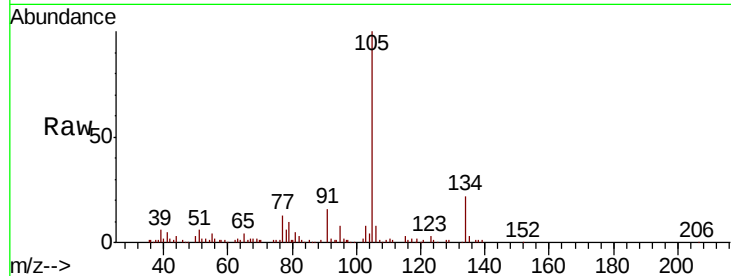
134 19.4 10.7 31.9

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#87

1,3-Dichlorobenzene

Concen: 0.454 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

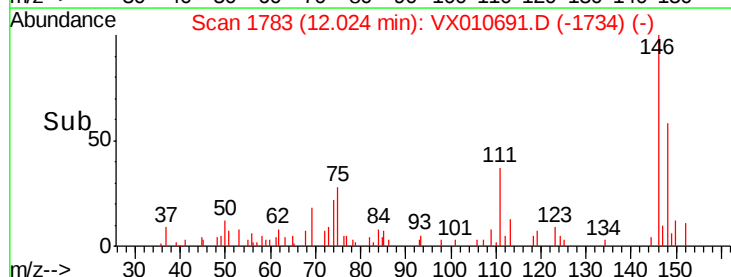
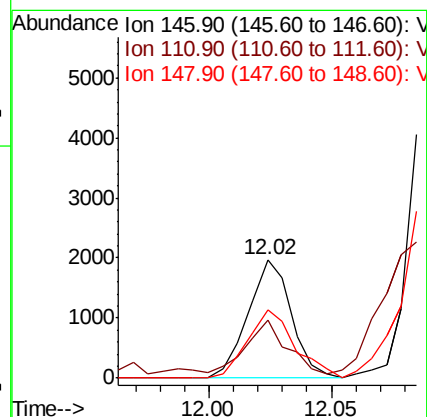
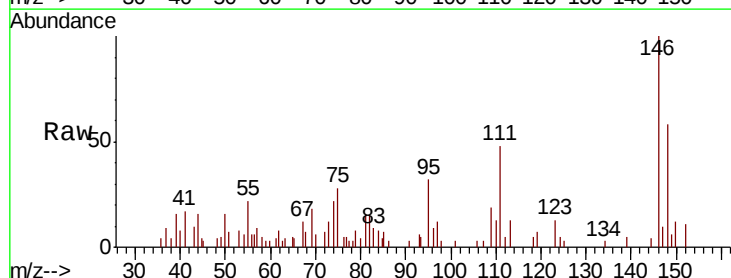
Tgt Ion:146 Resp: 2430

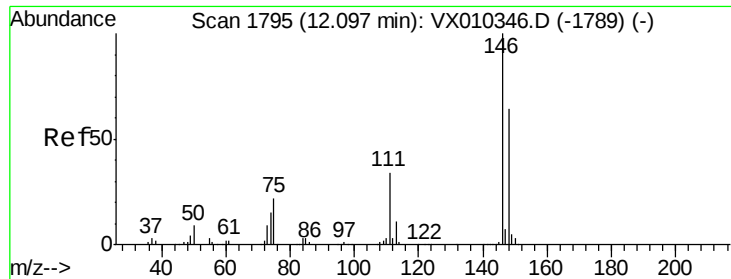
Ion Ratio Lower Upper

146 100

111 43.0 19.1 57.1

148 62.5 32.5 97.4





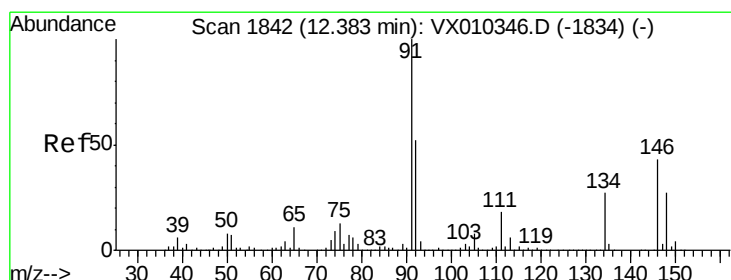
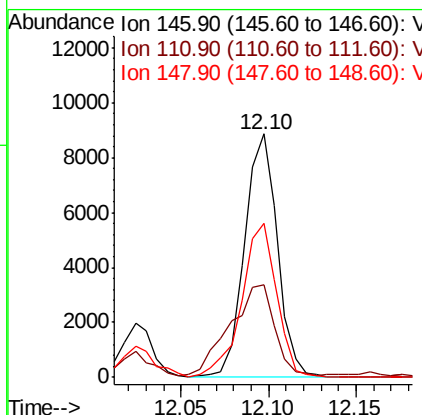
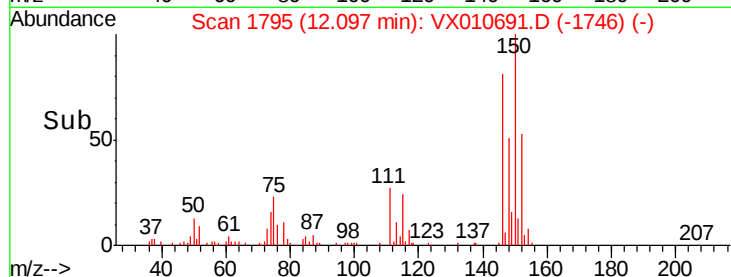
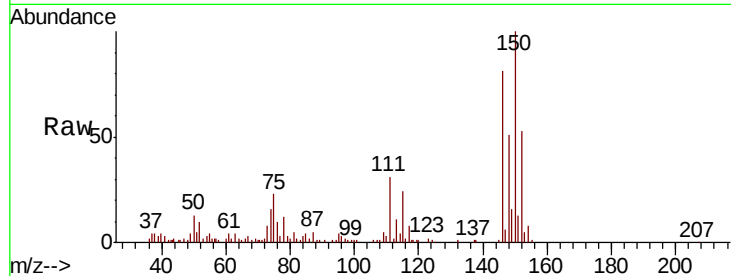
#88
 1,4-Dichlorobenzene
 Concen: 2.114 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.2	18.1	54.3
148	68.0	32.1	96.3

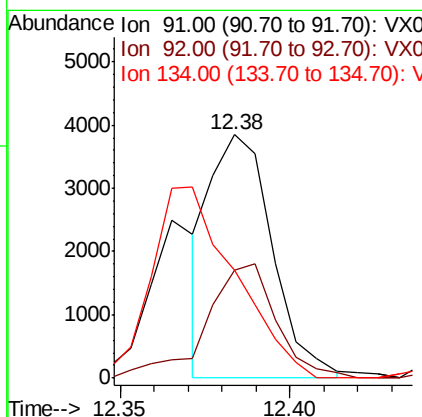
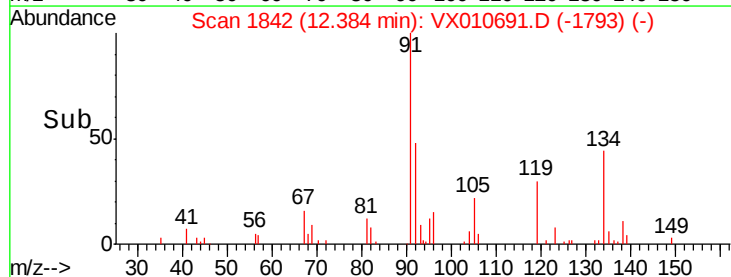
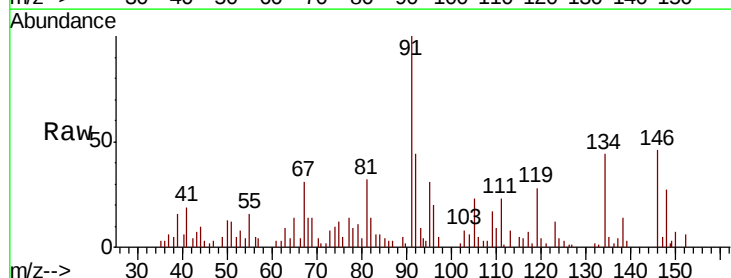
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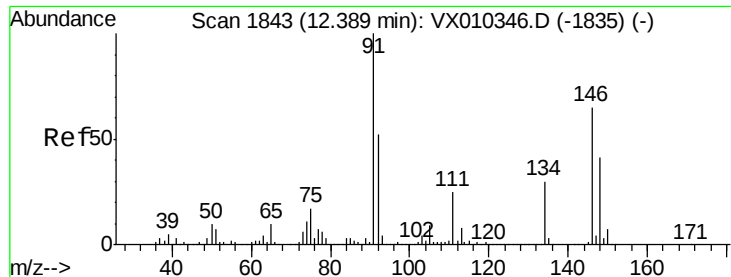
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#89
 n-Butylbenzene
 Concen: 0.585 ug/l m
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.2	78.5
134	105.7	14.1	42.4#





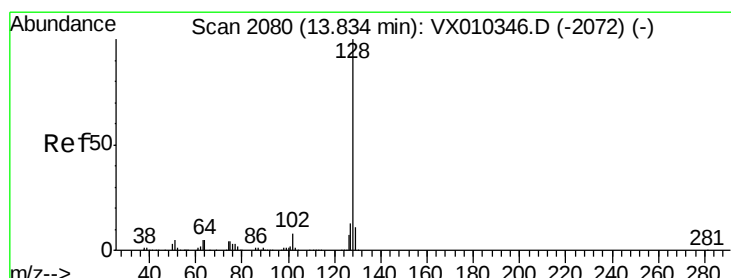
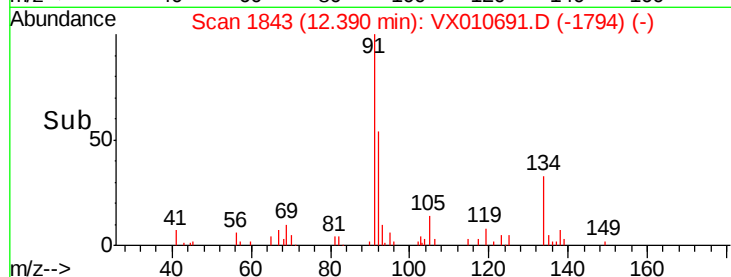
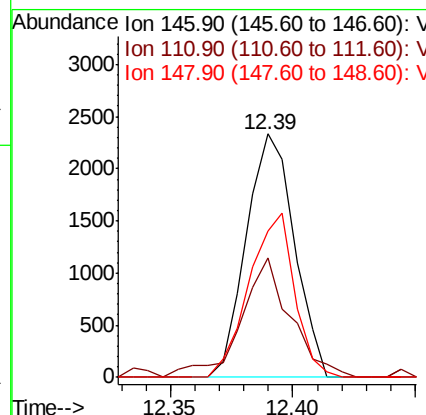
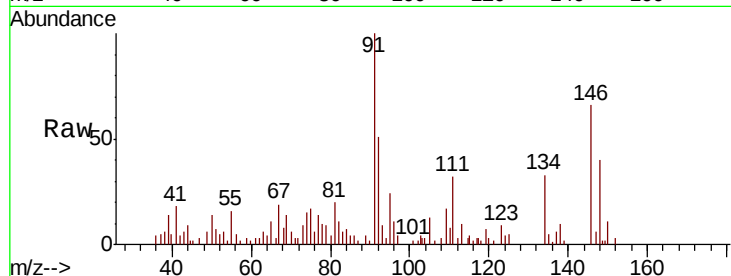
#91
1,2-Dichlorobenzene
Concen: 0.597 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.2	19.2	57.6
148	64.1	32.0	96.0

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#95
Naphthalene
Concen: 0.417 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	16.7	8.9	13.3#

