

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008640.D
 Acq On : 04 Apr 2019 16:54
 Operator : JC/SP
 Sample : K2263-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 11:12:03 AM

Quant Time: Apr 05 11:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147486	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
35) Dibromofluoromethane	5.50	113	108341	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	446823	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	145740	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	258388	350.086	ug/l	100
16) Acetone	2.44	43	21579	11.884	ug/l	99
25) 2-Butanone	4.68	43	6193	2.158	ug/l	93
31) Cyclohexane	5.58	56	307411	56.436	ug/l	99
39) Methylcyclohexane	7.46	83	100871	21.291	ug/l	99
40) Benzene	6.15	78	9826087	860.030	ug/l	98
42) 1,2-Dichloroethane	6.20	62	159614	38.969	ug/l	99
52) Toluene	8.79	92	10174	1.510	ug/l	99
67) Ethyl Benzene	10.26	91	4189	0.335	ug/l	98
68) m/p-Xylenes	10.36	106	2037	0.453	ug/l	89
69) o-Xylene	10.70	106	546641	125.577	ug/l	100
73) Isopropylbenzene	11.02	105	36493	3.653	ug/l	99
78) n-propylbenzene	11.36	91	6004	0.516	ug/l	99
84) 1,2,4-Trimethylbenzene	11.66	105	150454	17.720	ug/l	78
85) sec-Butylbenzene	11.94	105	2574m	0.269	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	1303	0.305	ug/l	95
95) Naphthalene	13.83	128	69743	7.031	ug/l	100

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

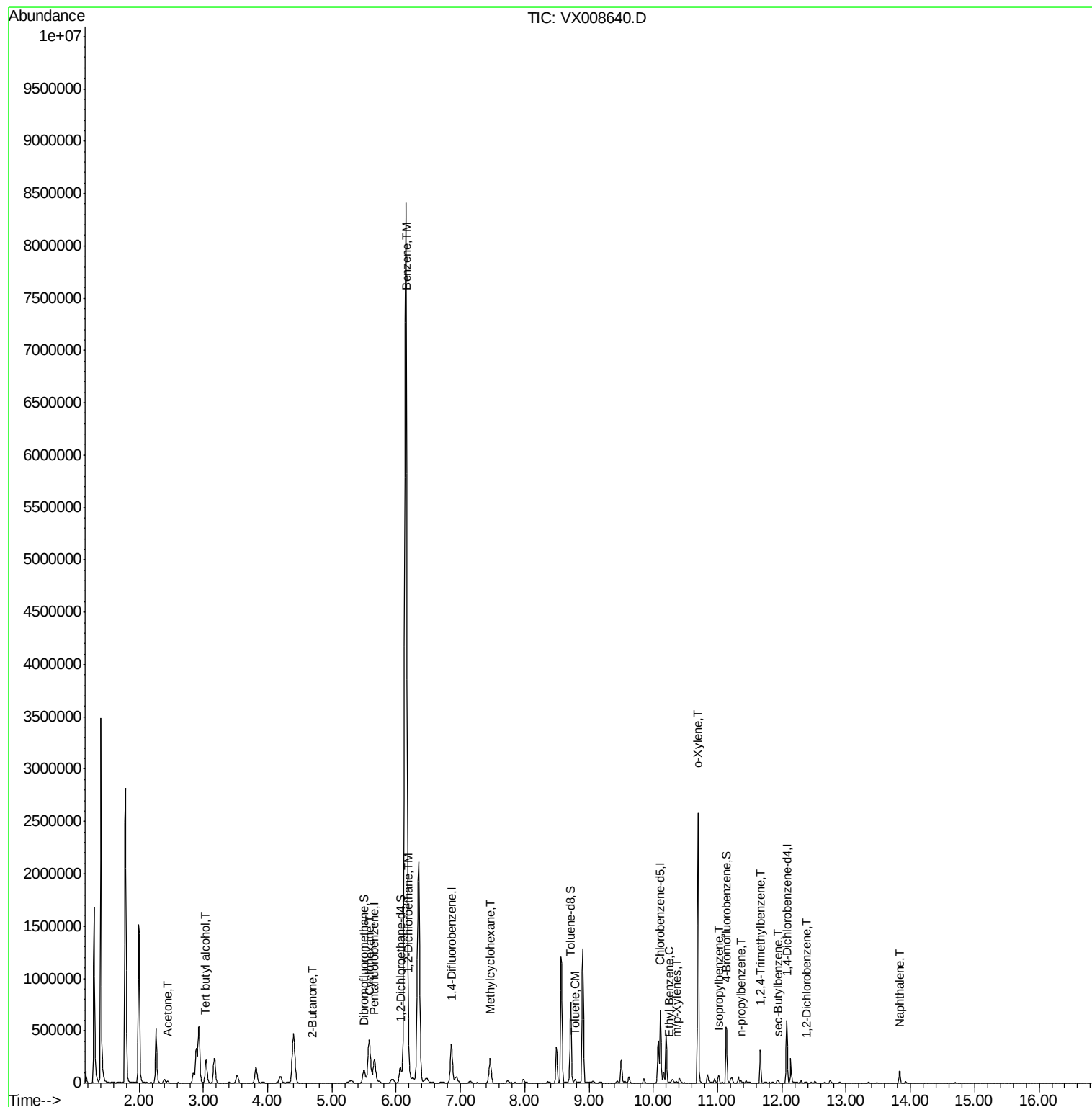
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040419\
Data File : VX008640.D
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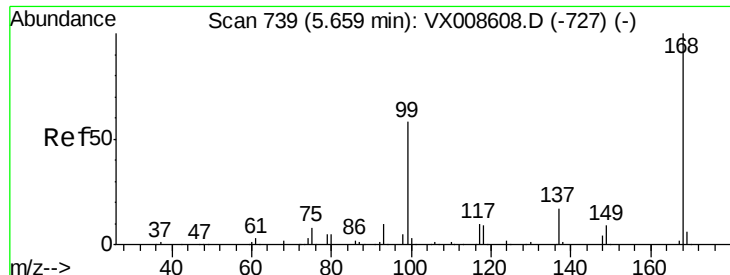
Instrument :
MSVOA_X
ClientSampleId :
MW-2

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Quant Time: Apr 05 11:23:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tot Ion:168 Resp: 216147

Ion Ratio Lower Upper

168 100

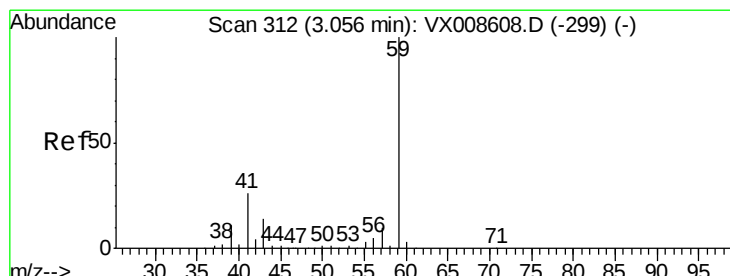
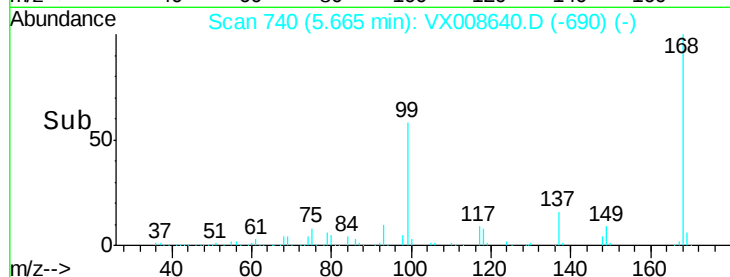
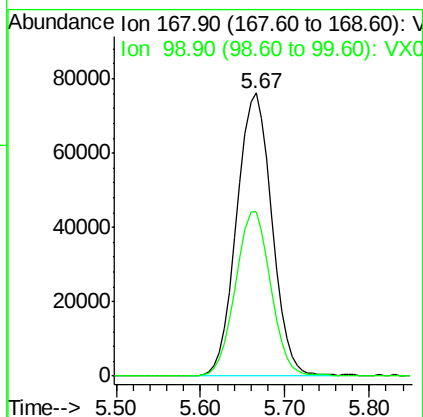
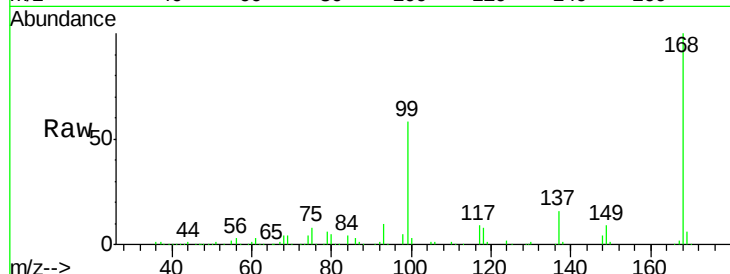
99 57.7 46.7 70.1

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#11

Tert butyl alcohol

Concen: 350.086 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008640.D

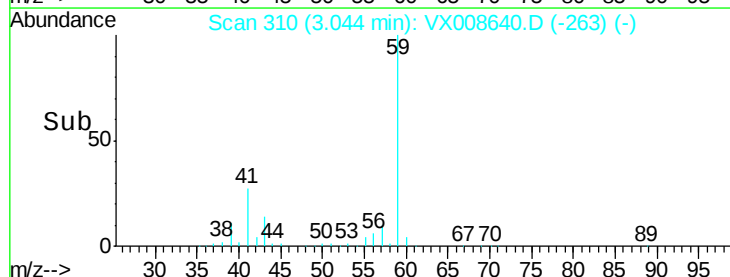
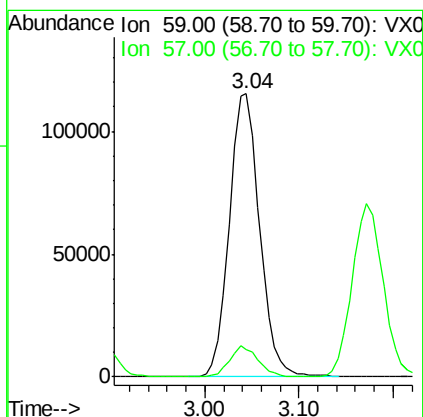
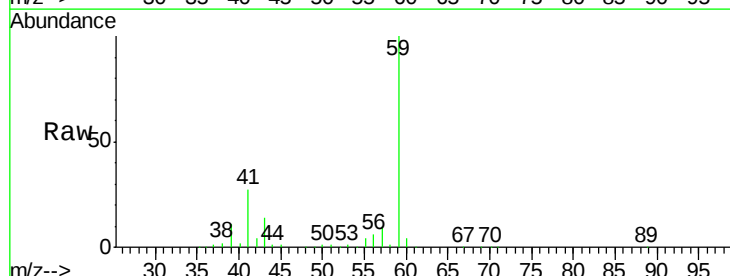
Acq: 04 Apr 2019 16:54

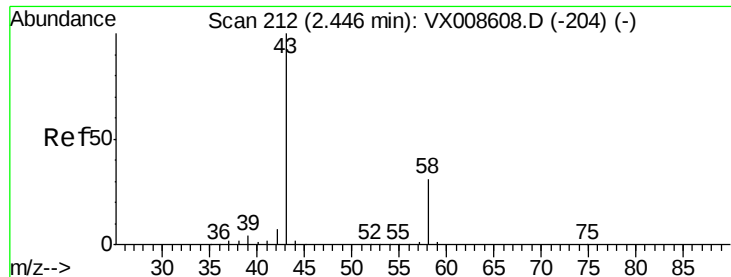
Tgt Ion: 59 Resp: 258388

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5





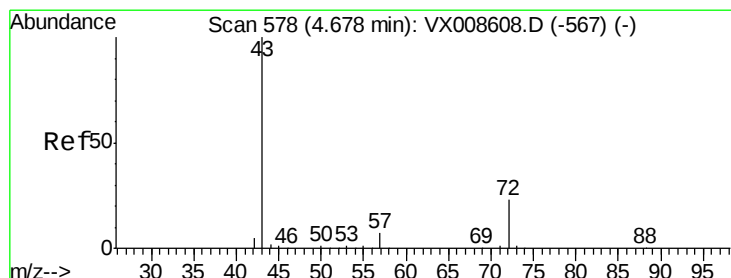
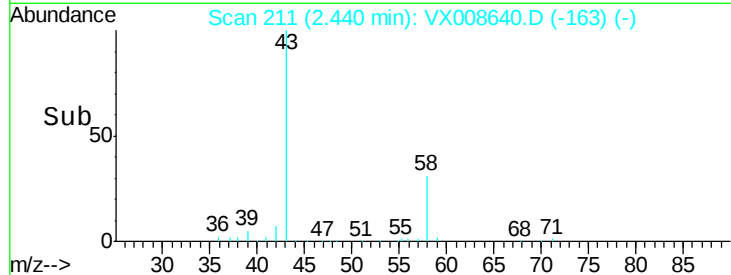
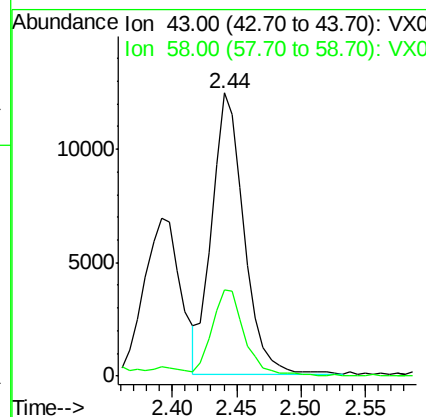
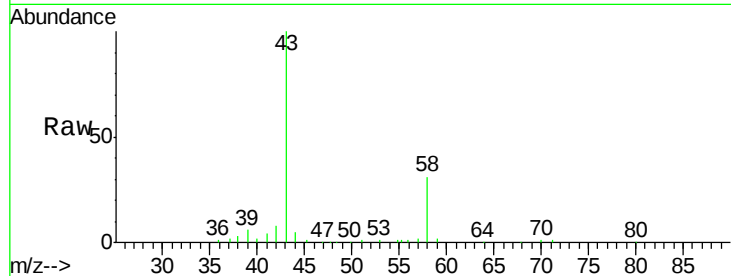
#16
Acetone
Concen: 11.884 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.8	37.2

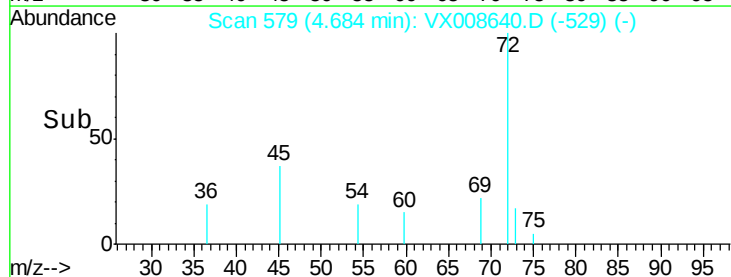
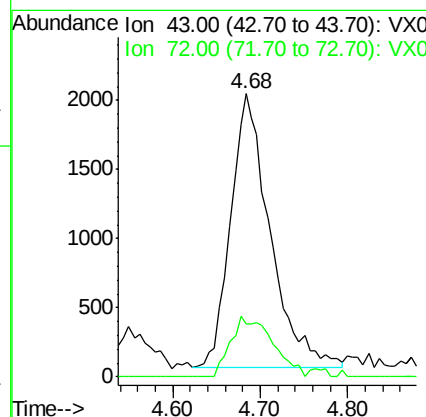
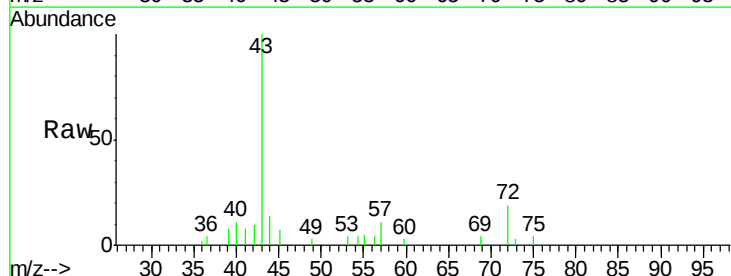
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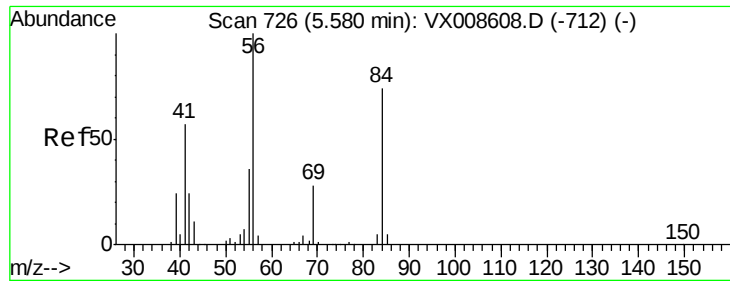
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#25
2-Butanone
Concen: 2.158 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Tgt Ion	Ratio	Lower	Upper
43	100		
72	19.2	18.2	27.4





#31

Cyclohexane

Concen: 56.436 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Instrument :

MSVOA_X

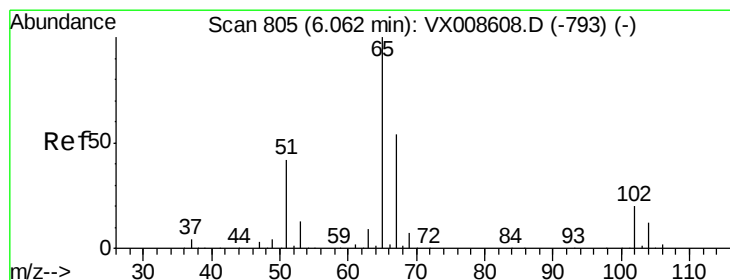
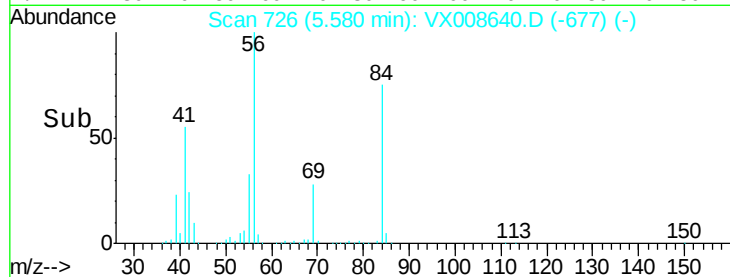
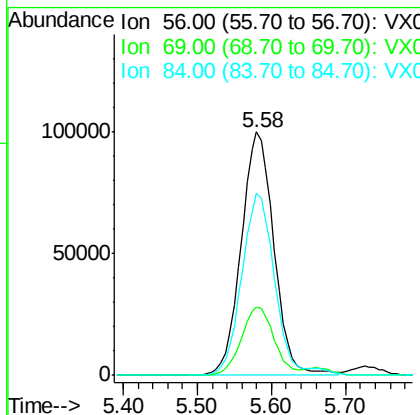
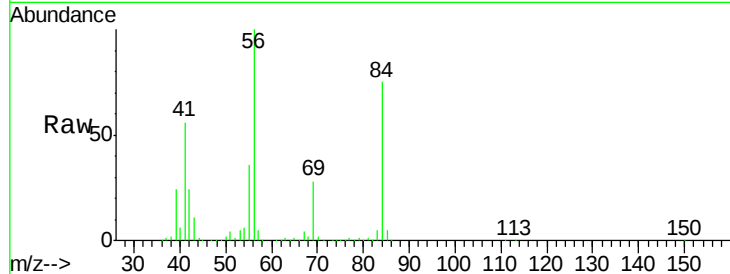
ClientSampled :

MW-2

Tot Ion:	56	Resp:	307411
Ion Ratio	Lower	Upper	
56	100		
69	27.9	22.6	33.8
84	74.8	59.3	88.9

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#33

1,2-Dichloroethane-d4

Concen: 46.782 ug/l

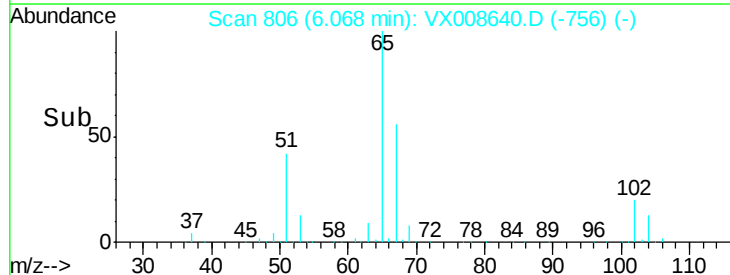
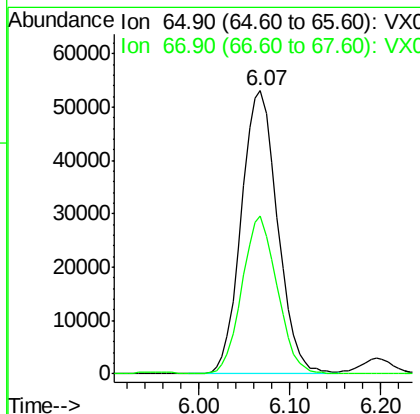
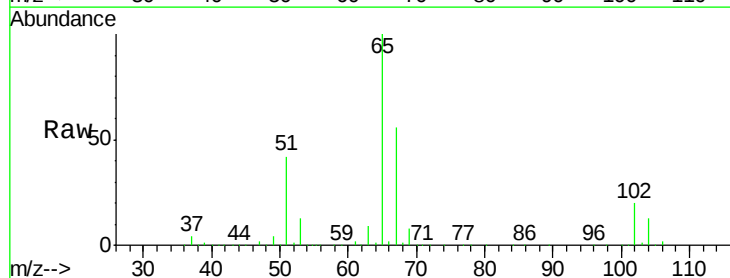
RT: 6.07 min Scan# 806

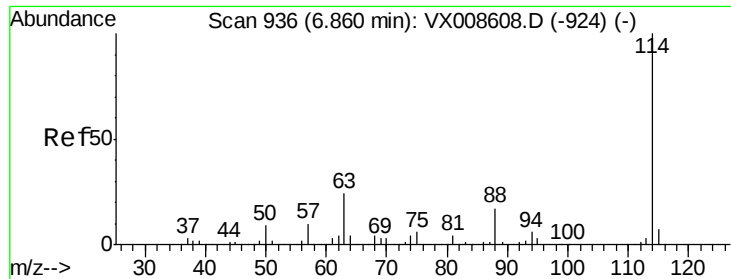
Delta R.T. 0.01 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Tgt Ion:	65	Resp:	147486
Ion Ratio	Lower	Upper	
65	100		
67	53.6	0.0	107.2





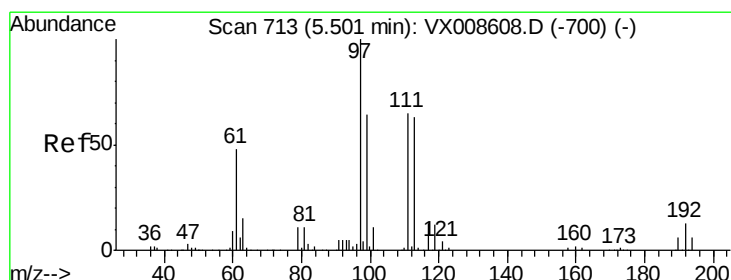
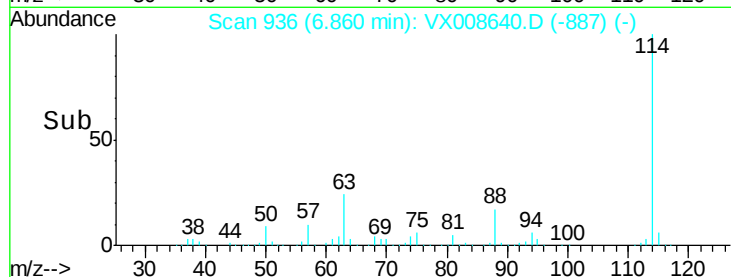
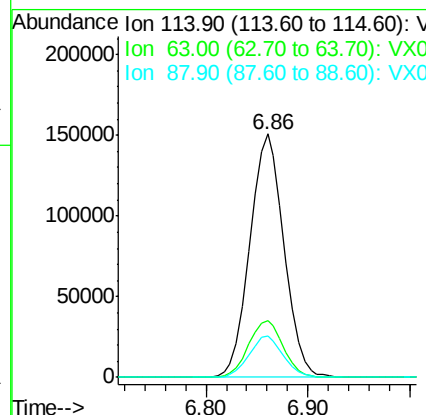
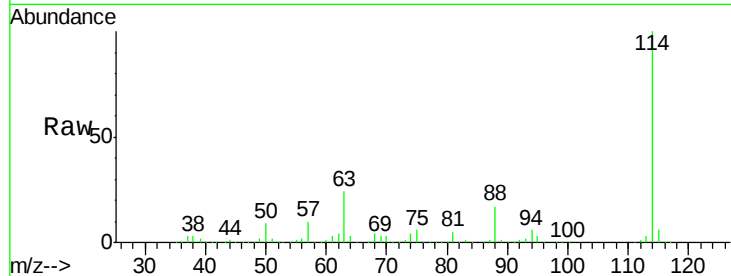
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008640.D
 Acq: 04 Apr 2019 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.5	0.0	47.2
88	16.9	0.0	34.0

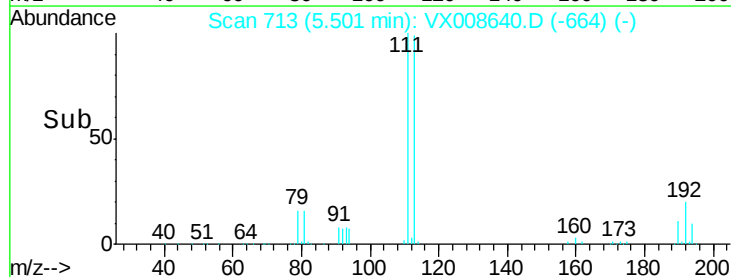
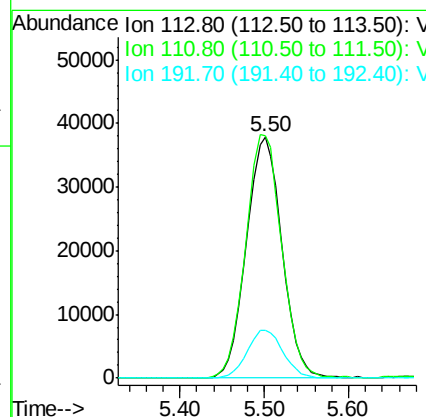
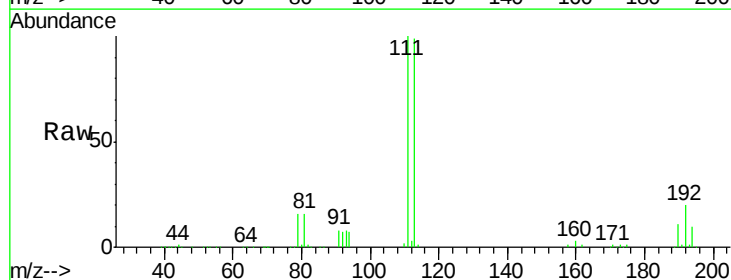
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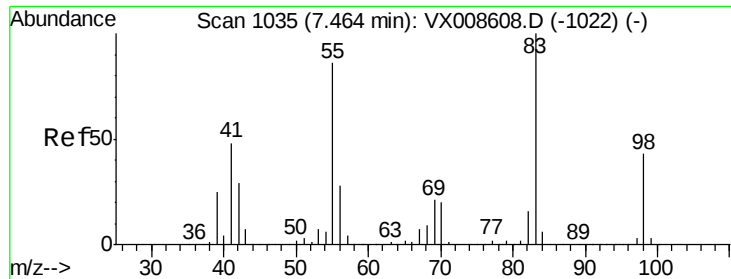
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#35
 Dibromofluoromethane
 Concen: 48.298 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008640.D
 Acq: 04 Apr 2019 16:54

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.0	83.4	125.2
192	20.0	16.1	24.1





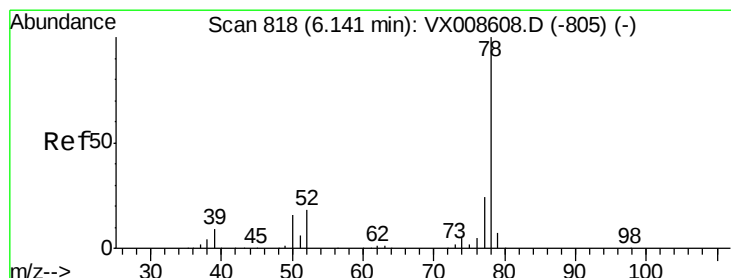
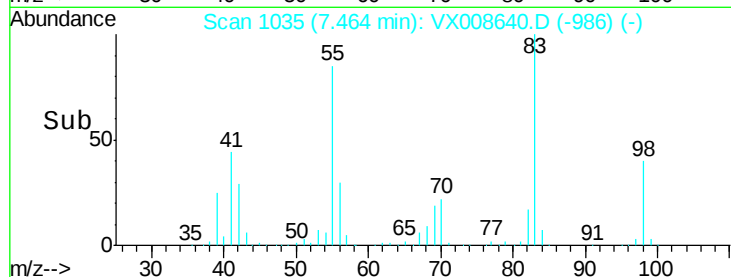
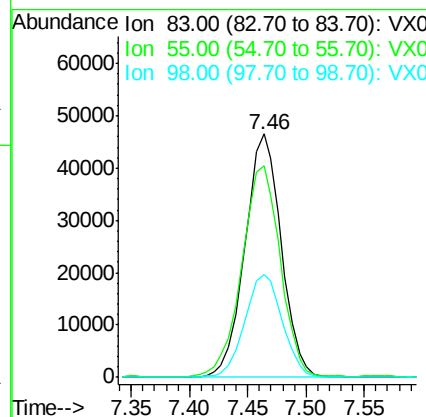
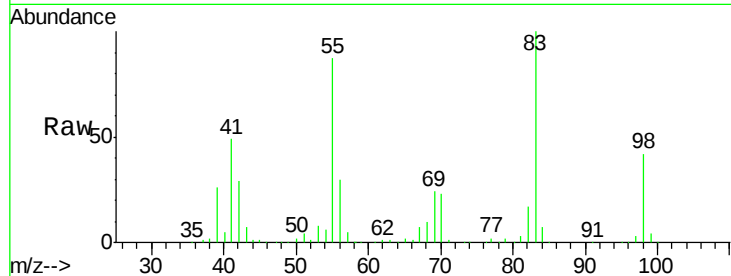
#39
Methvlcvclohexane
Concen: 21.291 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.5	69.0	103.6
98	42.0	34.4	51.6

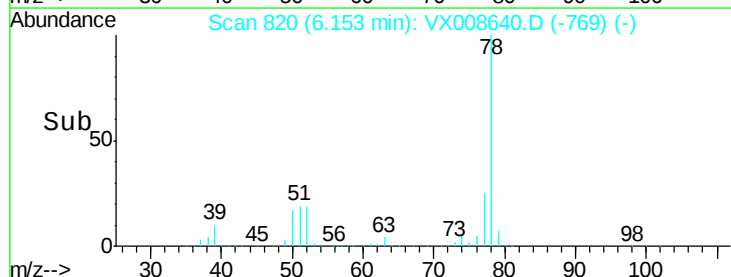
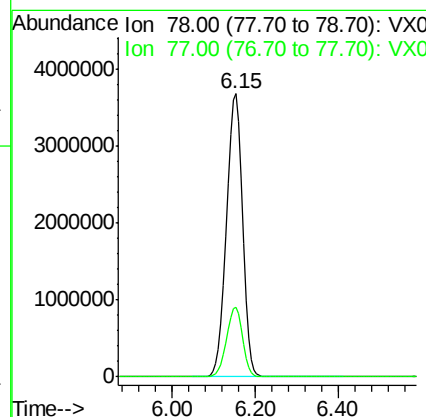
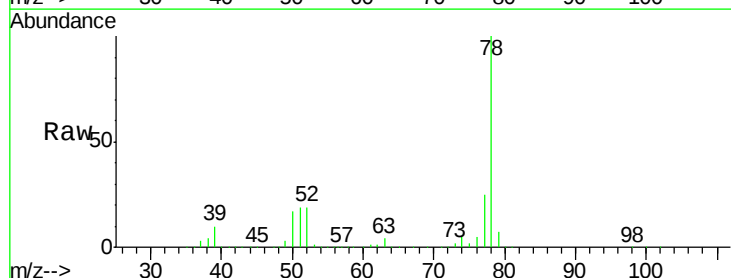
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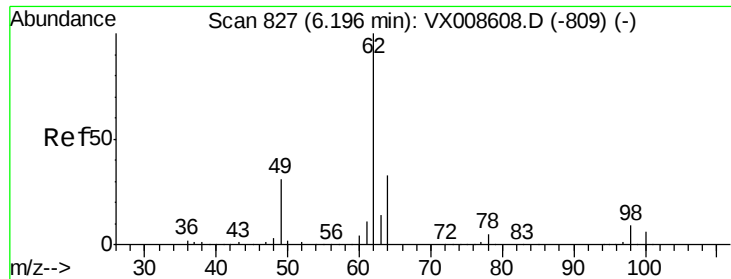
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#40
Benzene
Concen: 860.030 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





#42

1,2-Dichloroethane

Concen: 38.969 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Instrument :

MSVOA_X

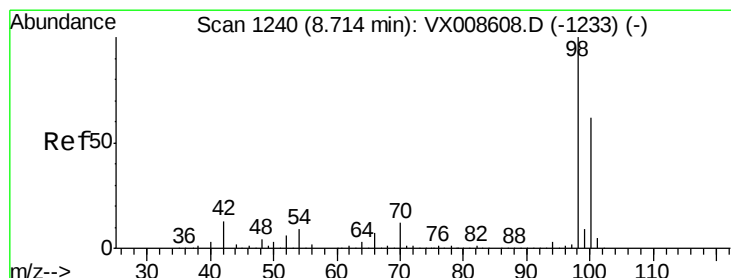
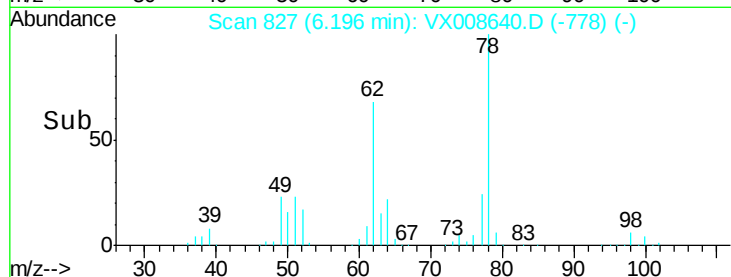
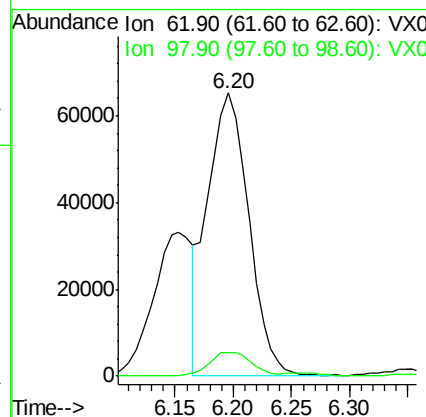
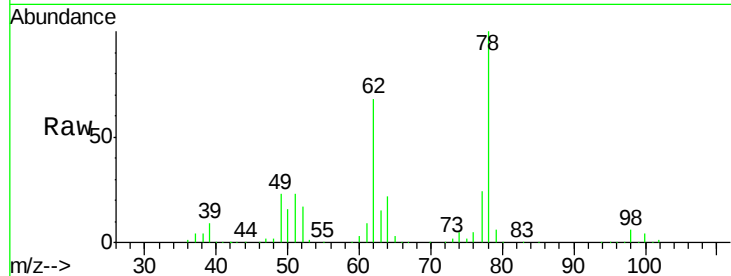
ClientSampled :

MW-2

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0

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#50

Toluene-d8

Concen: 50.026 ug/l

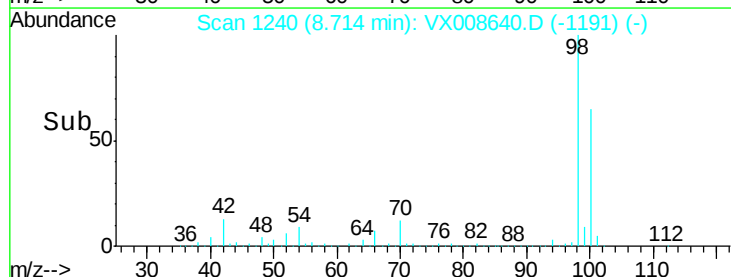
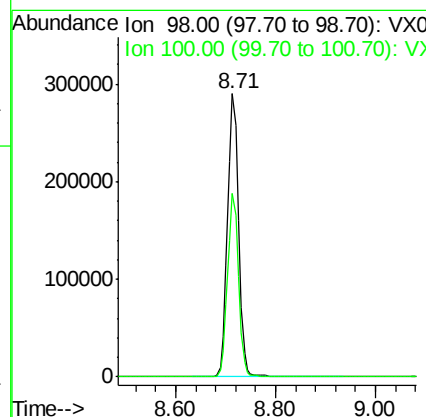
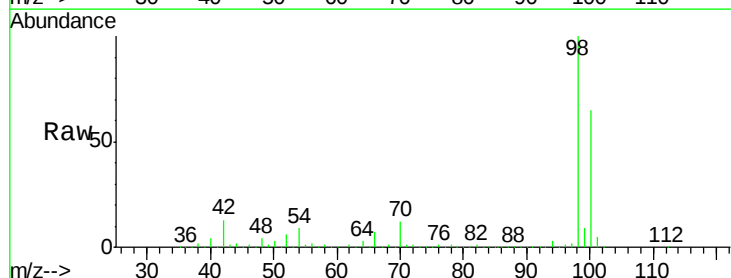
RT: 8.71 min Scan# 1240

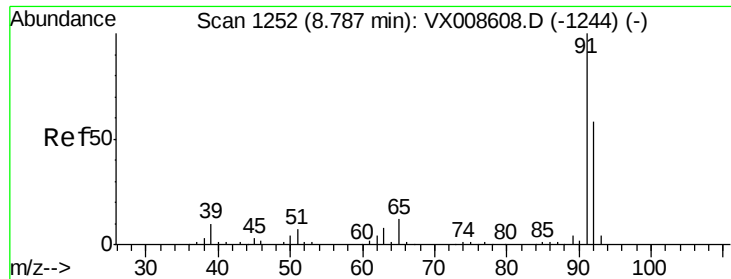
Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0





#52

Toluene

Concen: 1.510 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion: 92 Resp: 10174

Ion Ratio Lower Upper

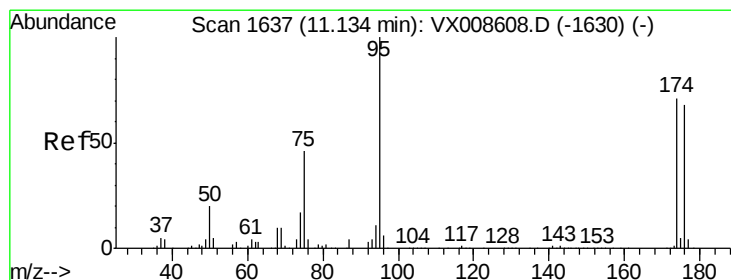
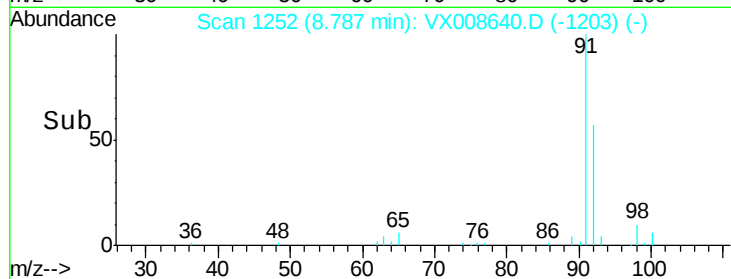
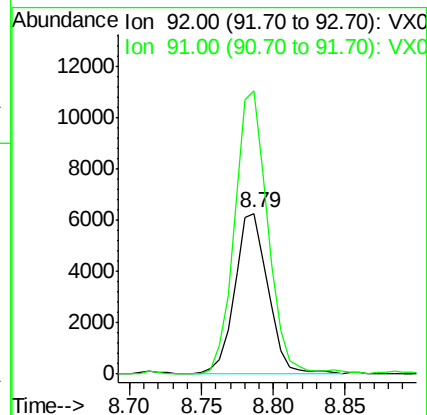
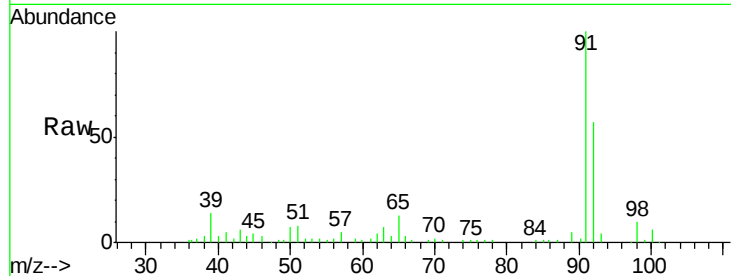
92 100

91 174.0 138.5 207.7

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#62

4-Bromofluorobenzene

Concen: 46.013 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

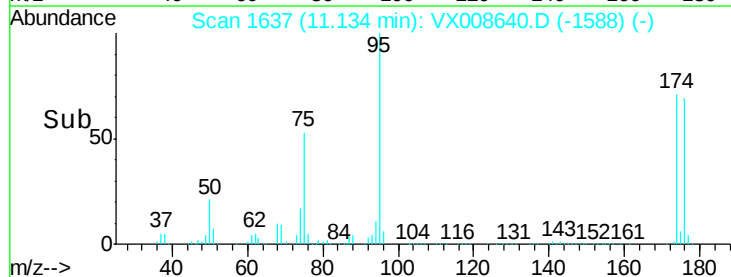
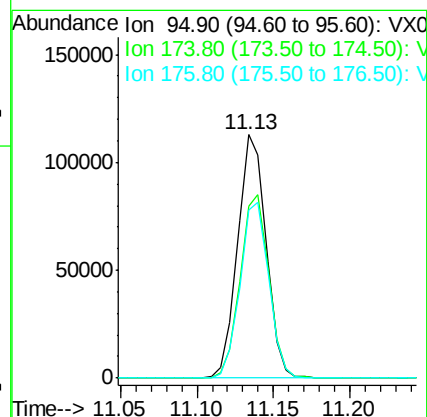
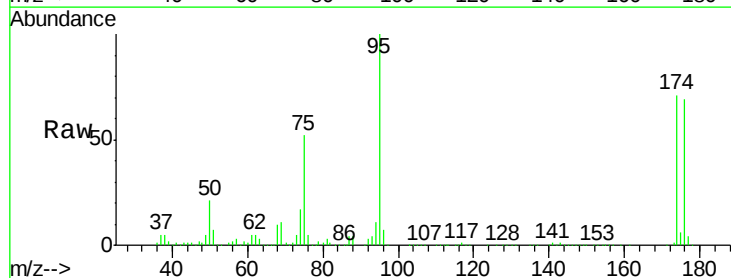
Tgt Ion: 95 Resp: 145740

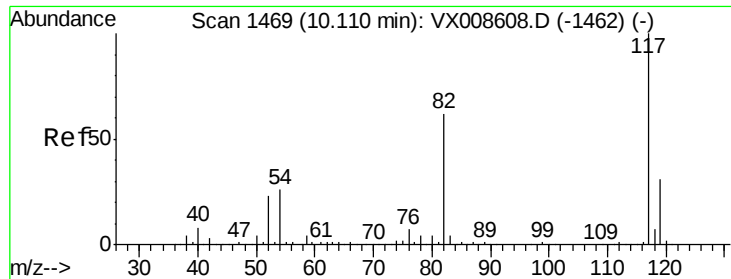
Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.8

176 73.1 0.0 145.8





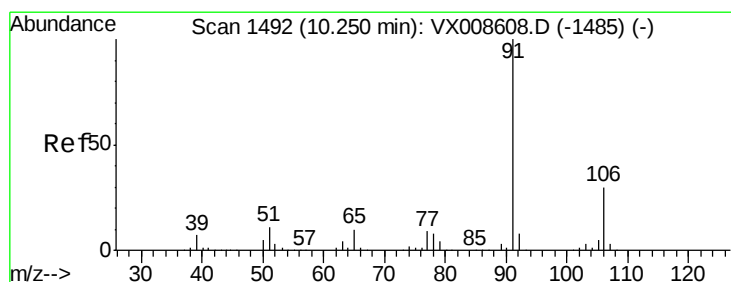
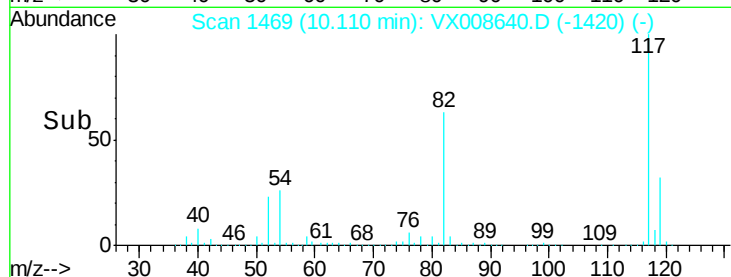
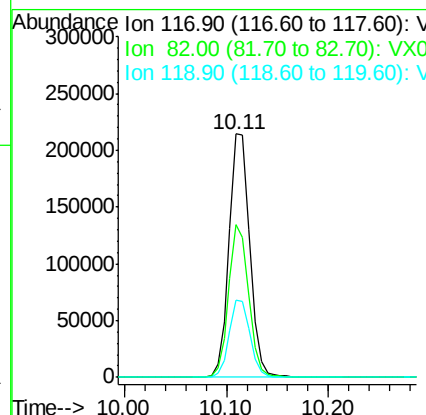
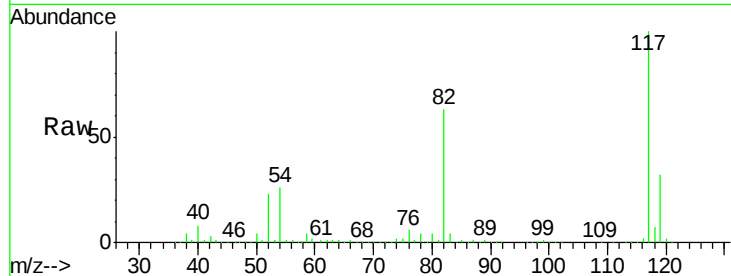
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.9	49.6	74.4
119	31.9	25.0	37.4

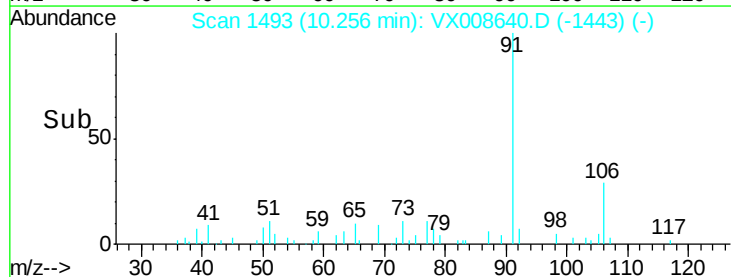
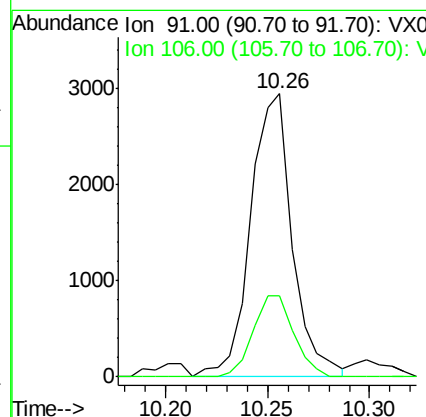
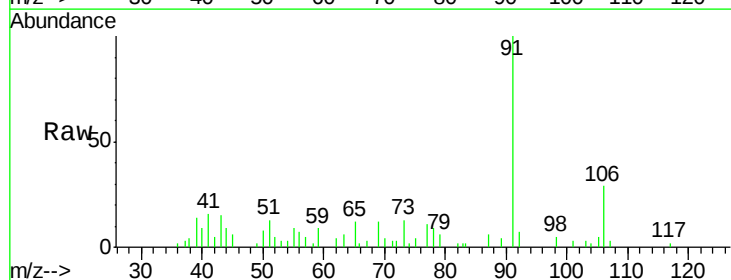
Manual Integrations
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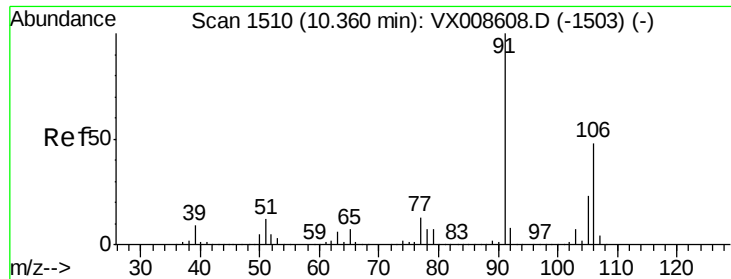
MMDadoda
4/5/2019 11:12:03 AM



#67
Ethyl Benzene
Concen: 0.335 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.8	23.7	35.5





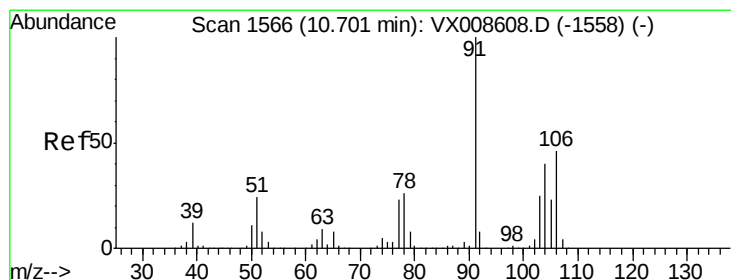
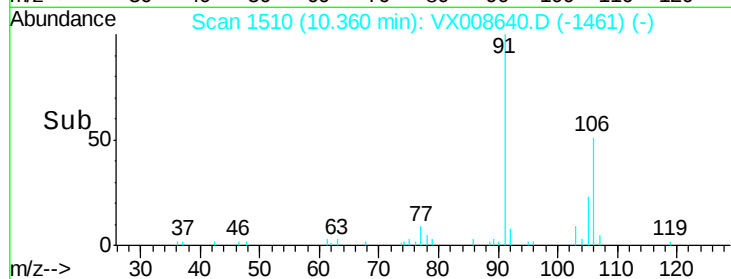
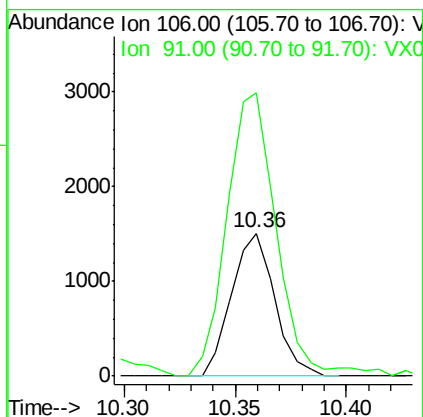
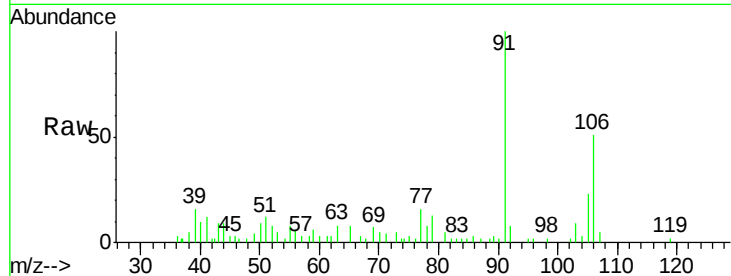
#68
m/p-Xylenes
Concen: 0.453 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion:106 Resp: 2037
Ion Ratio Lower Upper
106 100
91 228.5 168.5 252.7

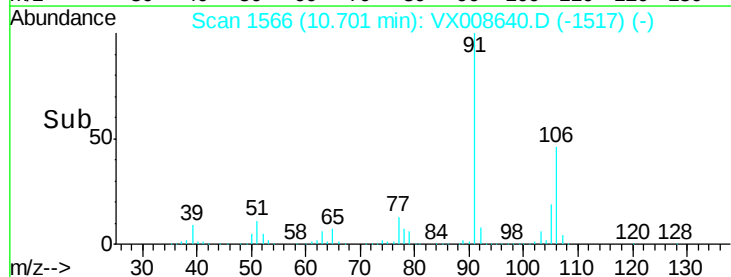
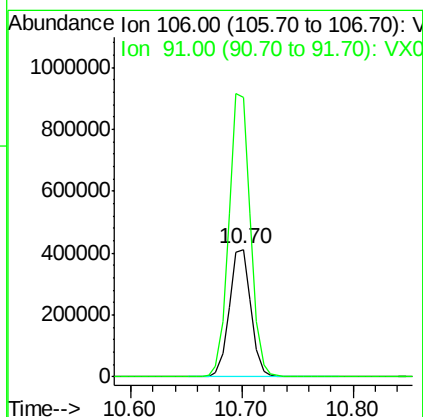
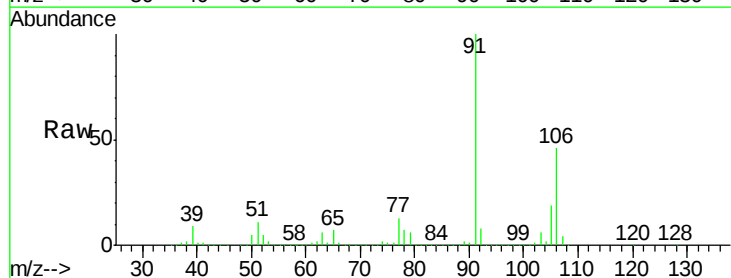
Manual Integrations
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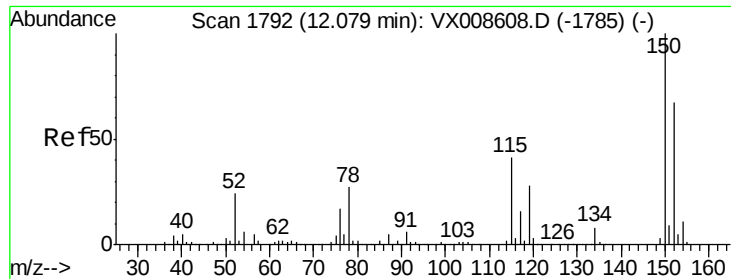
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#69
o-Xylene
Concen: 125.577 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008640.D
Acq: 04 Apr 2019 16:54

Tgt Ion:106 Resp: 546641
Ion Ratio Lower Upper
106 100
91 222.8 111.5 334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Instrument :

MSVOA_X

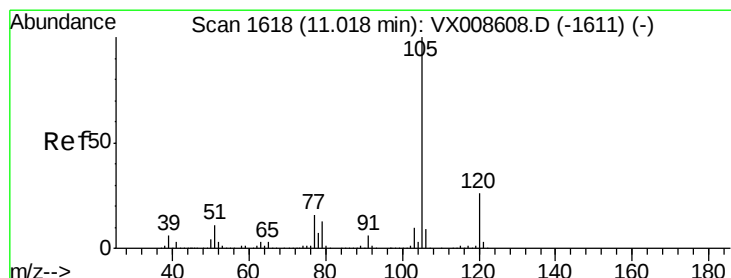
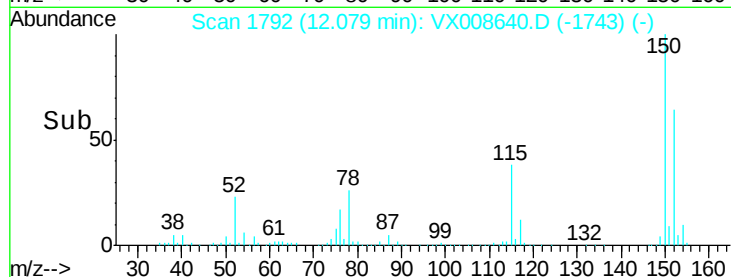
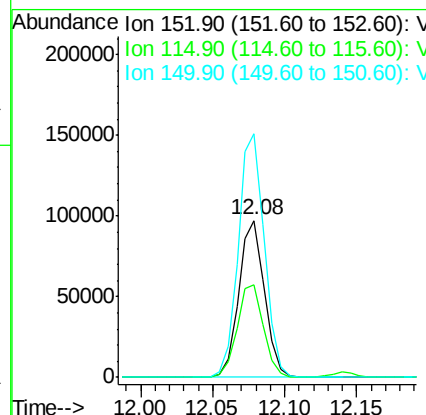
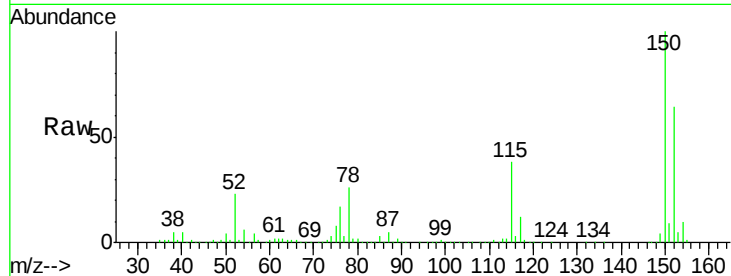
ClientSampled :

MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.5	130.5
150	158.1	0.0	348.8

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#73

Isopropylbenzene

Concen: 3.653 ug/l

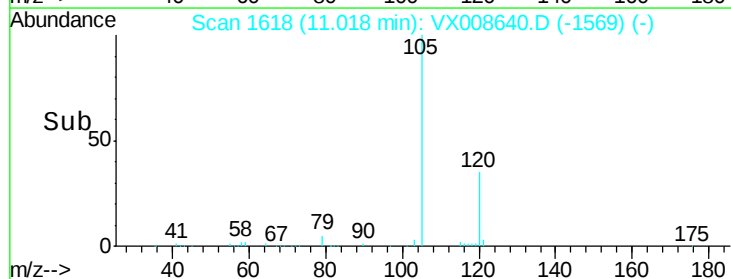
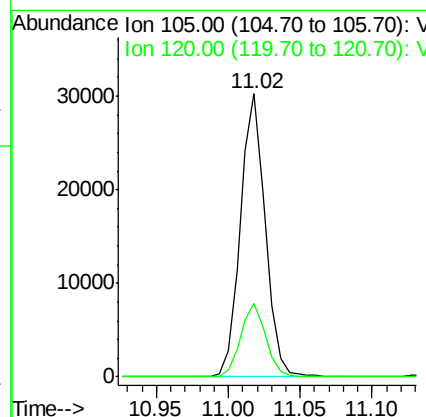
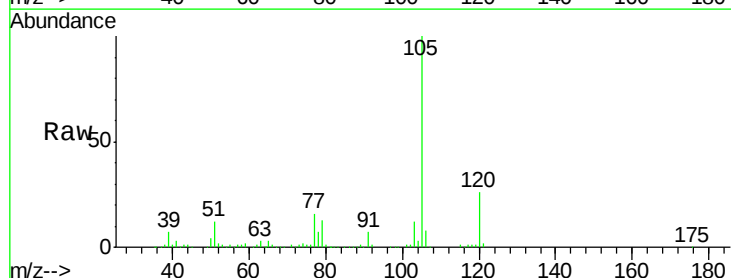
RT: 11.02 min Scan# 1618

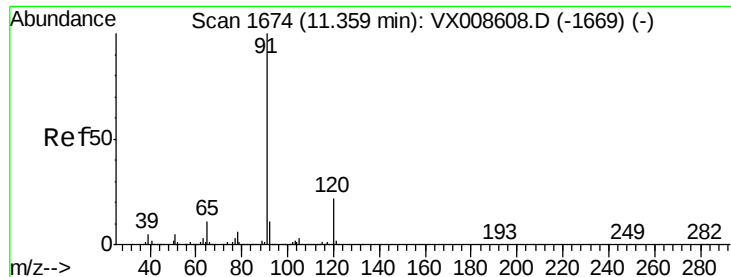
Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.6





#78

n-propylbenzene

Concen: 0.516 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tot Ion: 91 Resp: 6004

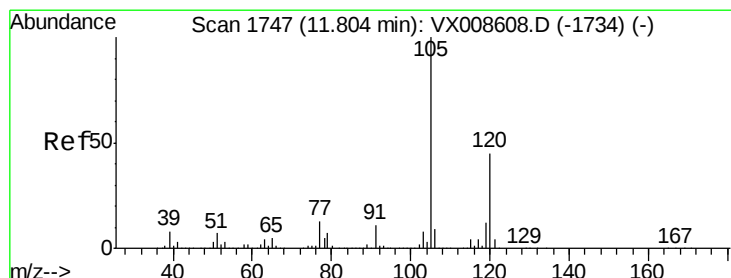
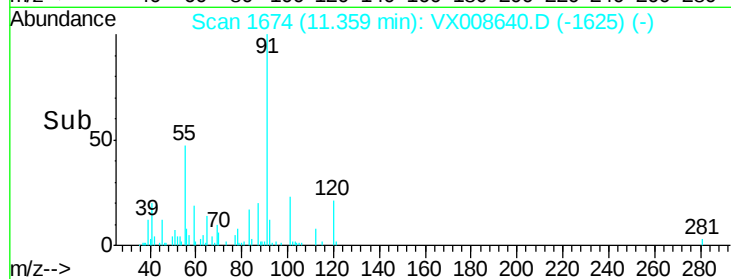
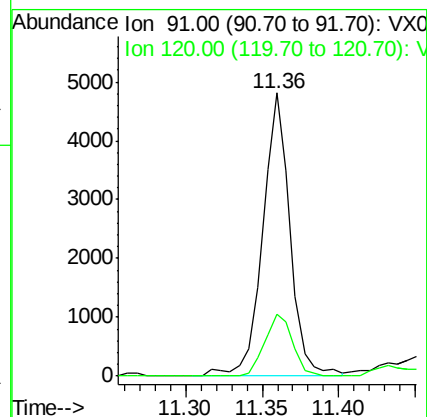
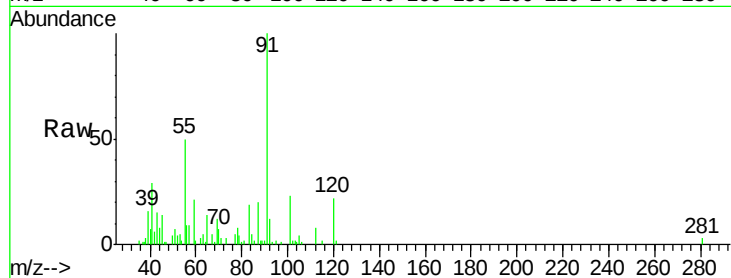
Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.7

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#84

1,2,4-Trimethylbenzene

Concen: 17.720 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX008640.D

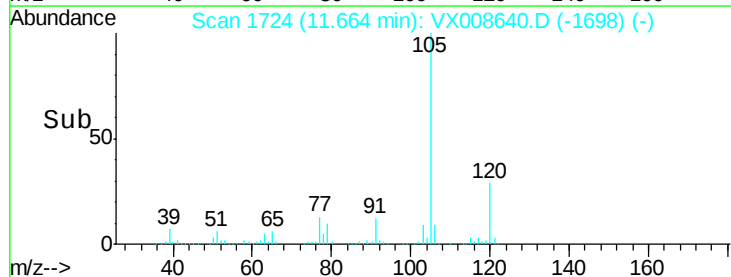
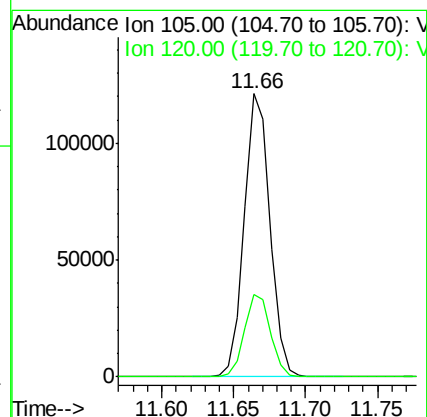
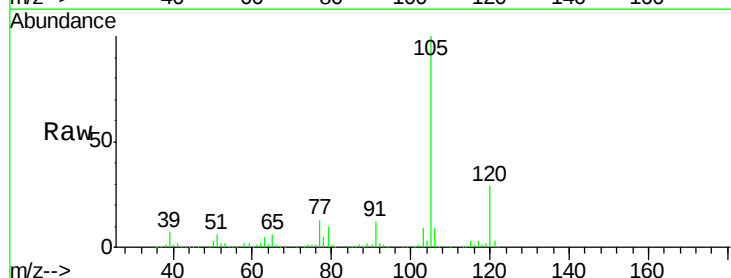
Acq: 04 Apr 2019 16:54

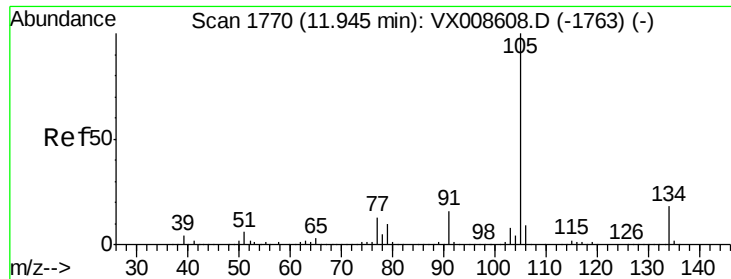
Tgt Ion: 105 Resp: 150454

Ion Ratio Lower Upper

105 100

120 29.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 0.269 ug/l m

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tot Ion:105 Resp: 2574

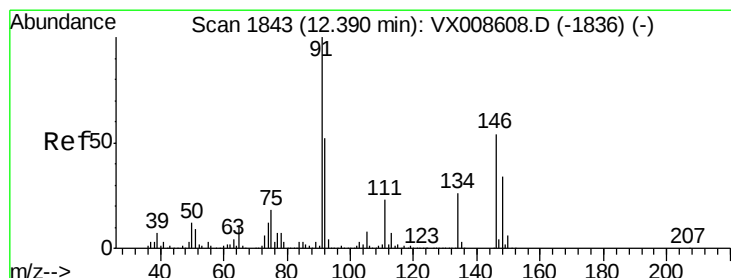
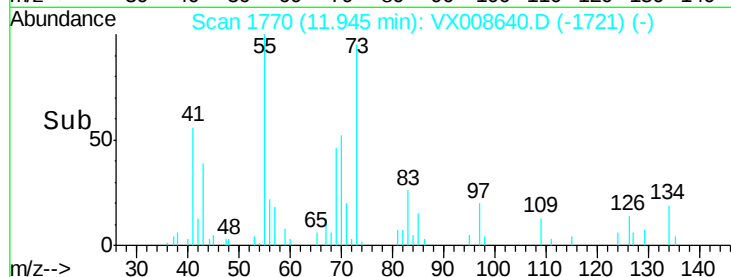
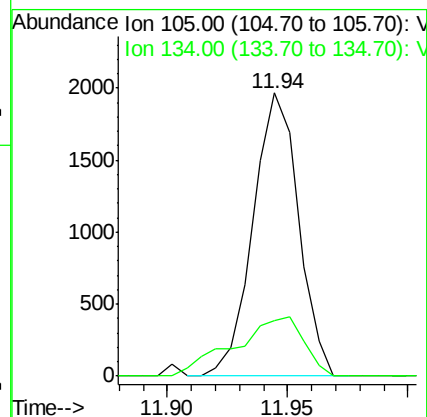
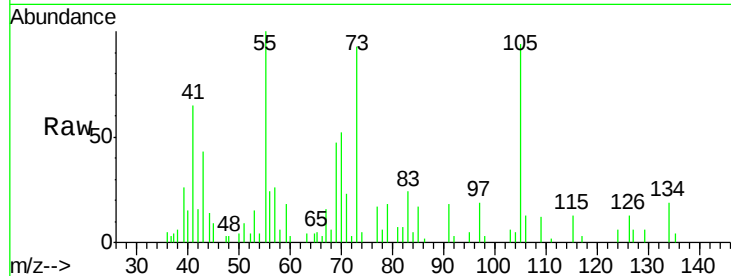
Ion Ratio Lower Upper

105 100

134 0.0 9.4 28.2#

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#91

1,2-Dichlorobenzene

Concen: 0.305 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008640.D

Acq: 04 Apr 2019 16:54

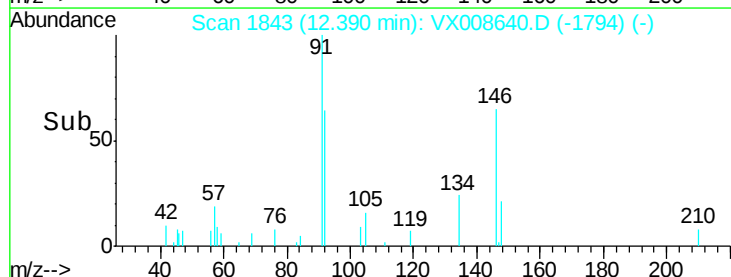
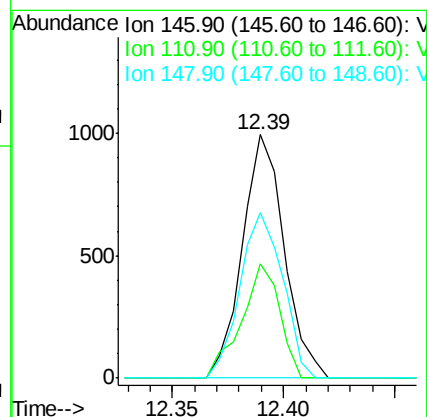
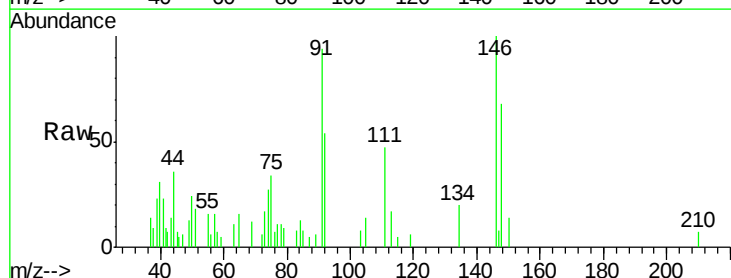
Tgt Ion:146 Resp: 1303

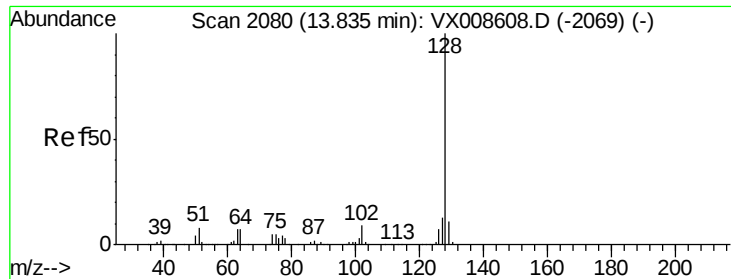
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

148 69.5 31.7 95.1





#95
 Naphthalene
 Concen: 7.031 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008640.D
 Acq: 04 Apr 2019 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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 4/5/2019 11:12:03 AM

