

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032318\
 Data File : VX000431.D
 Acq On : 23 Mar 2018 16:40
 Operator : JC/MD
 Sample : J2005-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918DL

Manual Integrations
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Quant Time: Mar 24 06:47:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	203330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	87832	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
35) Dibromofluoromethane	5.51	113	67581	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.73	98	265939	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.15	95	90916	40.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.86%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.06	59	19994	37.16	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	59535	12.39	ug/l	97
39) Methylcyclohexane	7.46	83	6769	2.82	ug/l #	70
40) Benzene	6.15	78	50437	8.79	ug/l	100
52) Toluene	8.79	92	14776	3.68	ug/l	93
67) Ethyl Benzene	10.26	91	402408	52.46	ug/l	99
68) m/p-Xylenes	10.37	106	69429	23.00	ug/l	99
69) o-Xylene	10.71	106	15906	5.44	ug/l	95
73) Isopropylbenzene	11.02	105	25634	3.73	ug/l	98
78) n-propylbenzene	11.37	91	79763	9.74	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	467676	77.25	ug/l	99
86) p-Isopropyltoluene	12.07	119	8624	1.35	ug/l	88
89) n-Butylbenzene	12.40	91	9465m	1.59	ug/l	
95) Naphthalene	13.84	128	37031	4.37	ug/l	96

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

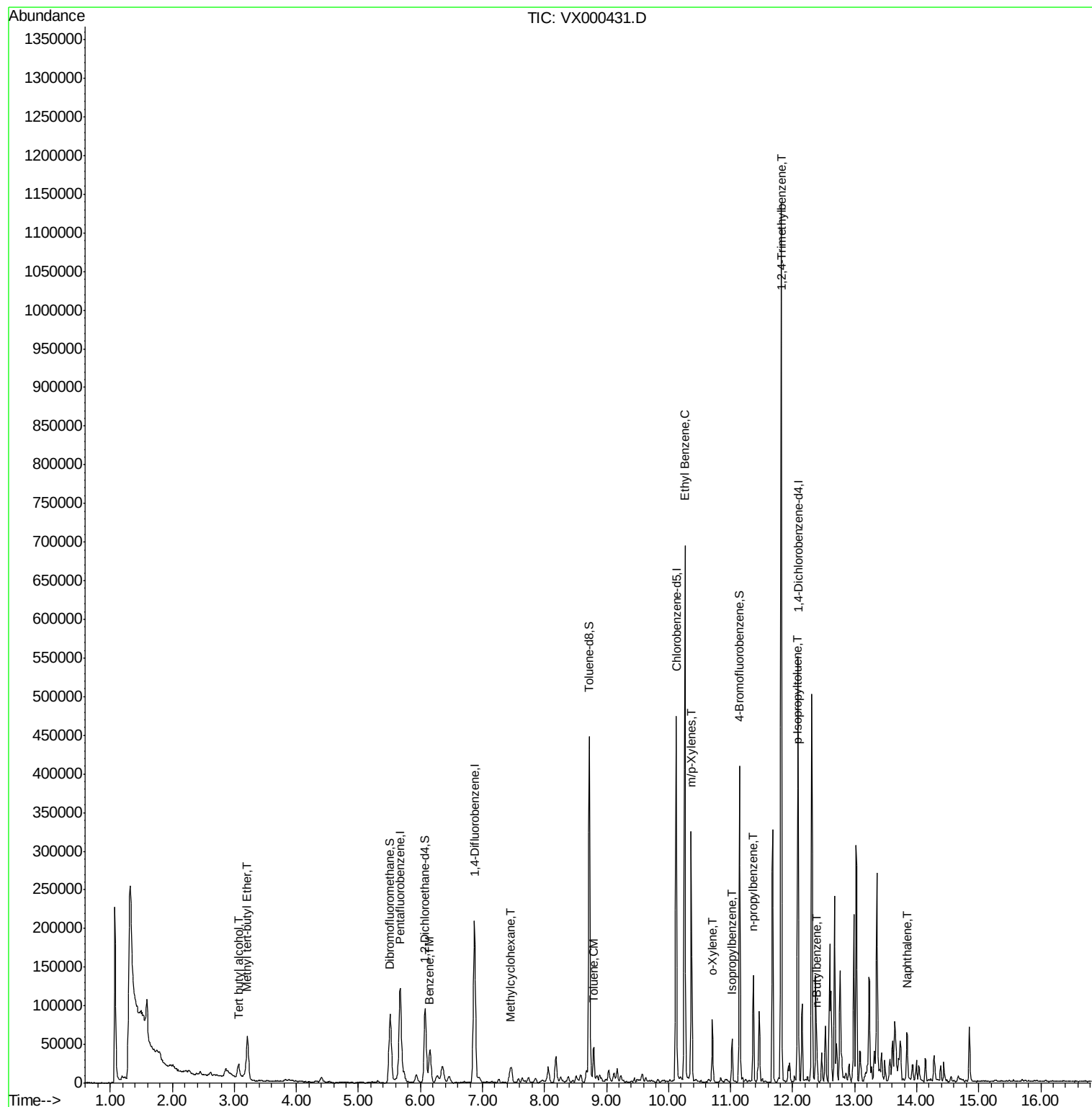
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032318\
Data File : VX000431.D
Acq On : 23 Mar 2018 16:40
Operator : JC/MD
Sample : J2005-06DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

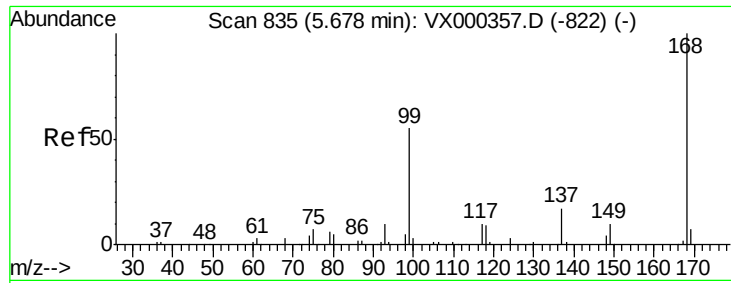
Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918DL

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Quant Time: Mar 24 06:47:10 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
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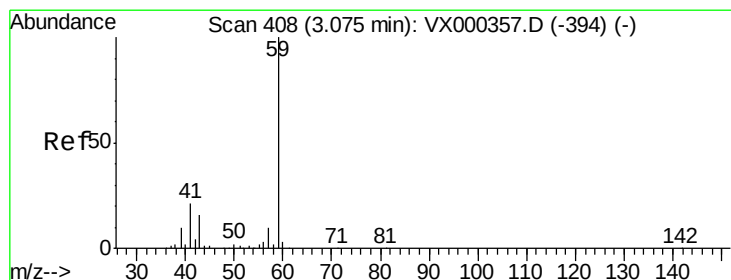
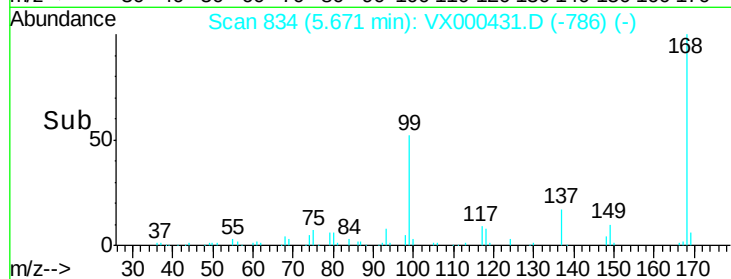
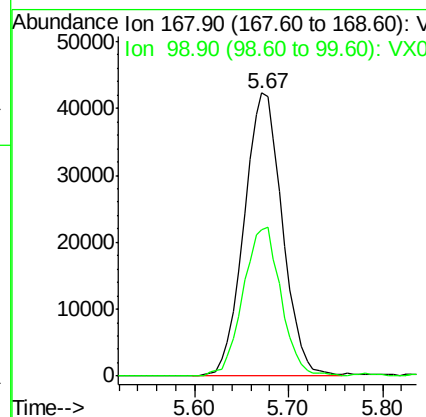
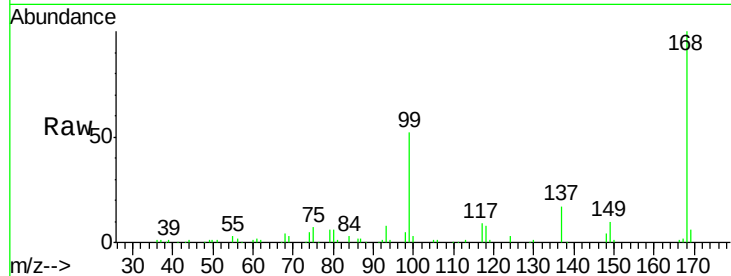
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.6	45.8	68.6

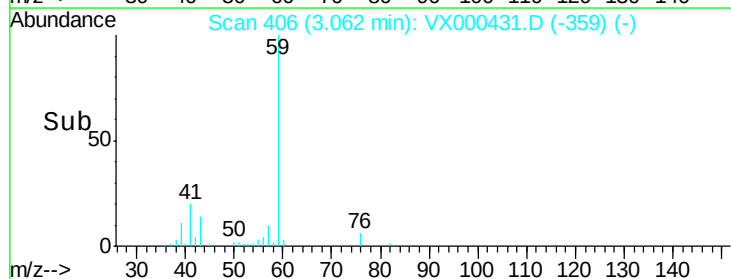
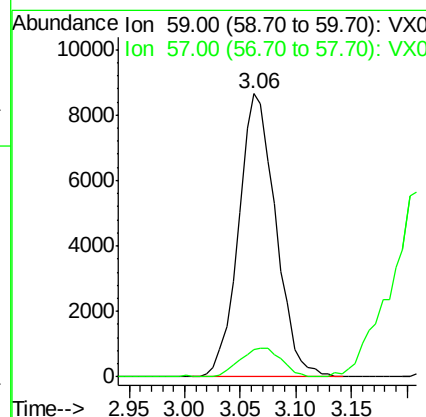
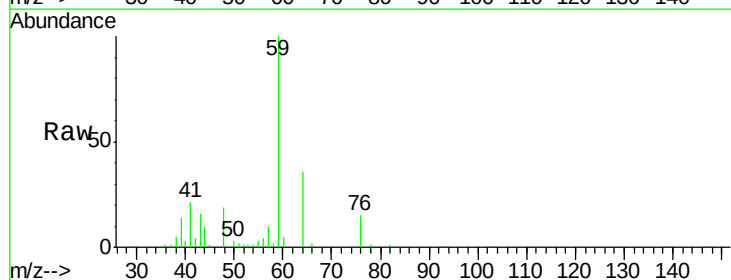
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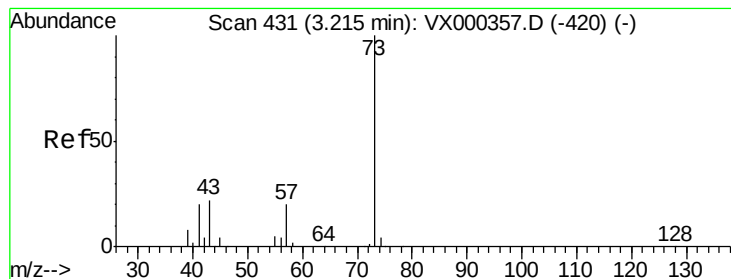
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#11
Tert butyl alcohol
Concen: 37.16 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.4	12.6





#19

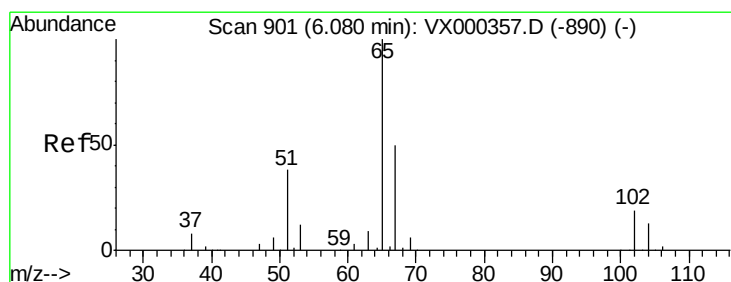
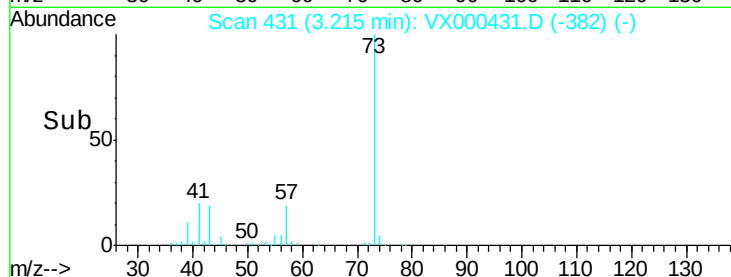
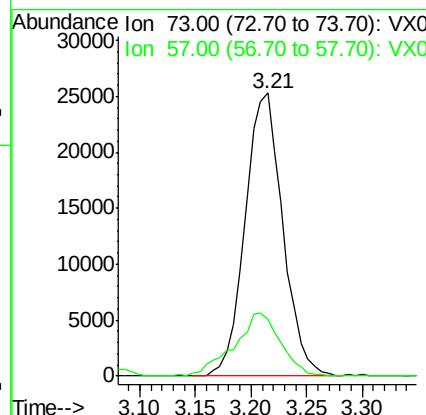
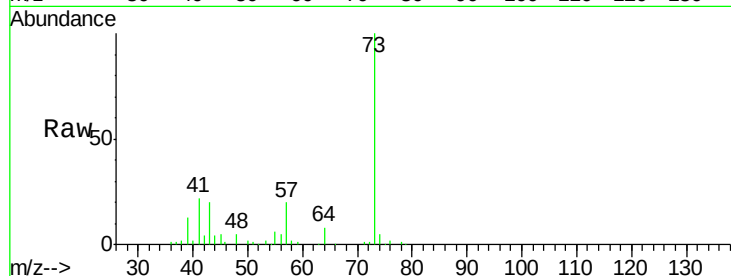
Methyl tert-butyl Ether
 Concen: 12.39 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000431.D
 Acq: 23 Mar 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918DL

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.2	25.8

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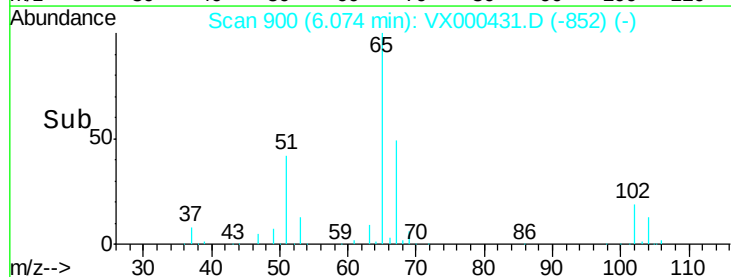
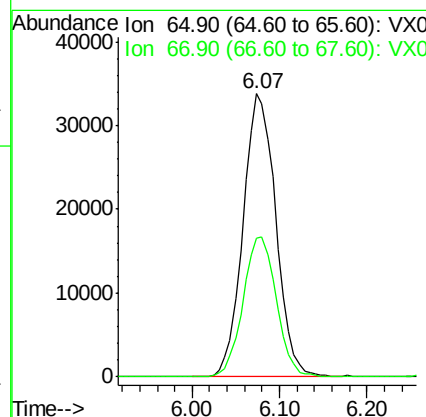
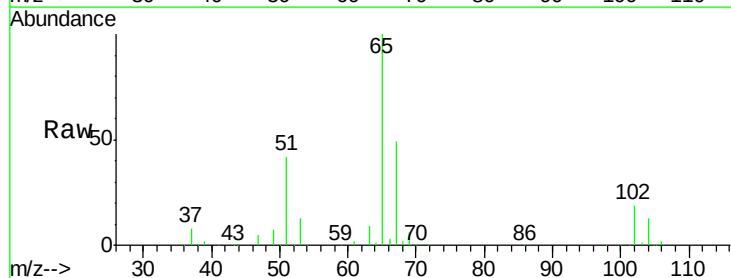
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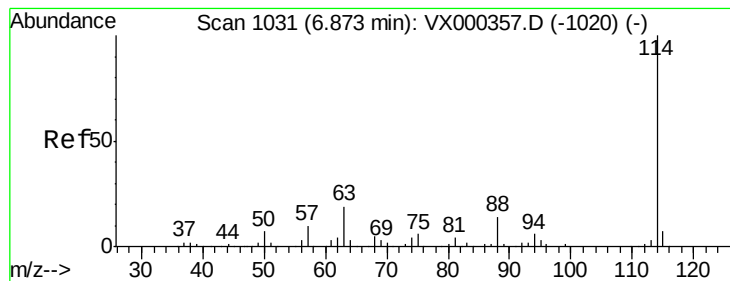


#33

1,2-Dichloroethane-d4
 Concen: 56.15 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000431.D
 Acq: 23 Mar 2018 16:40

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000431.D

Acq: 23 Mar 2018 16:40

Instrument :

MSVOA_X

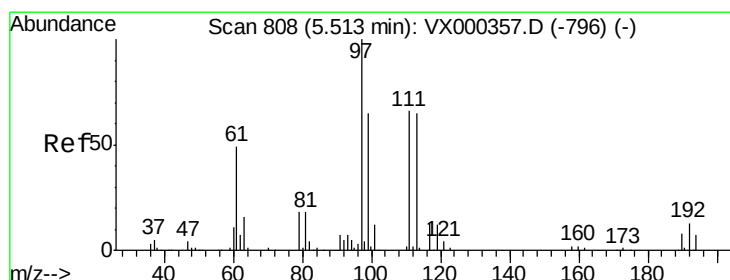
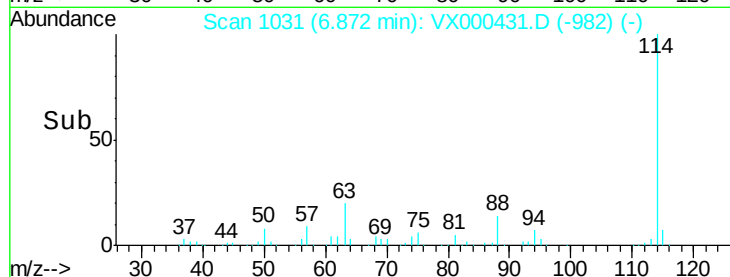
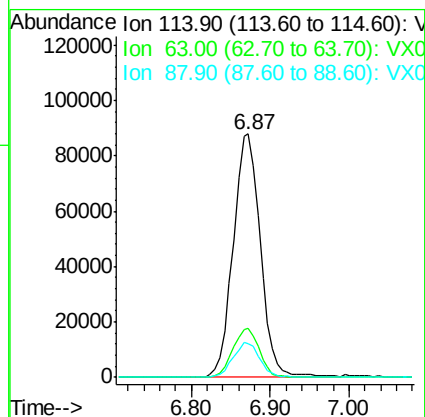
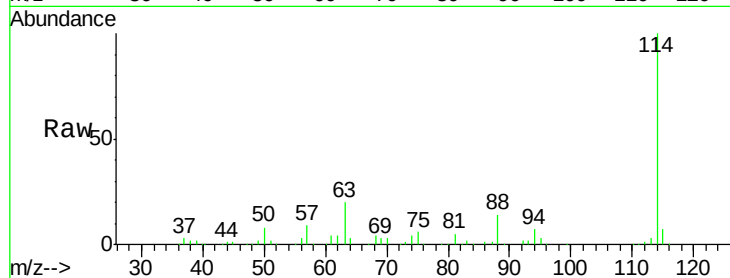
ClientSampleId :

MW-1-031918DL

Tot Ion:	114	Resp:	210949
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	38.4
88	13.9	0.0	27.0

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#35

Dibromofluoromethane

Concen: 50.84 ug/l

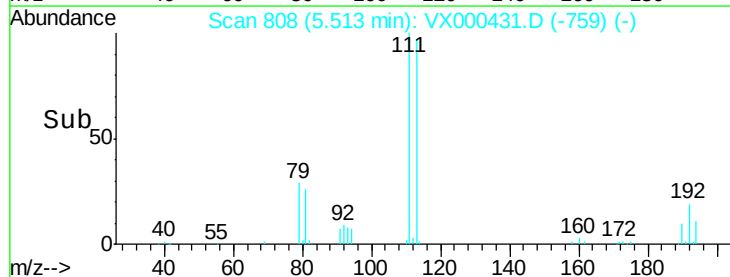
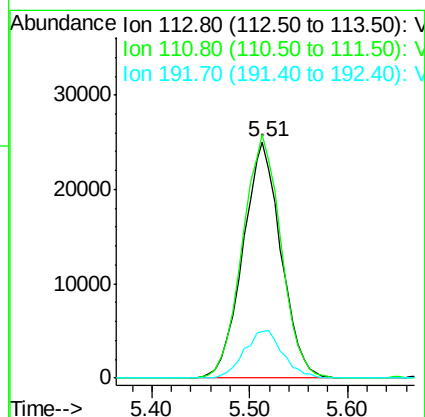
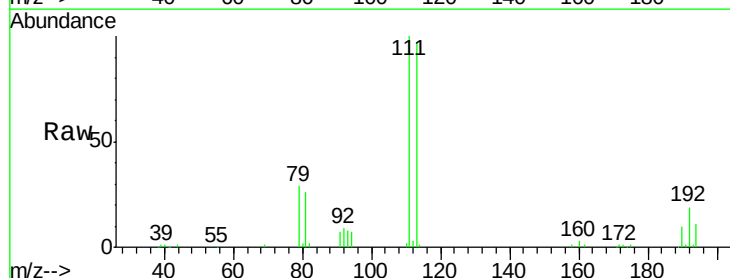
RT: 5.51 min Scan# 808

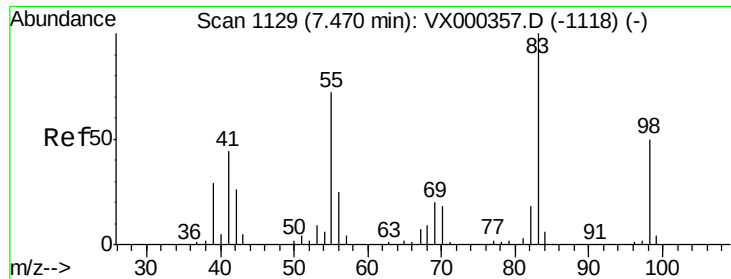
Delta R.T. -0.00 min

Lab File: VX000431.D

Acq: 23 Mar 2018 16:40

Tgt Ion:	113	Resp:	67581
Ion Ratio	Lower	Upper	
113	100		
111	104.6	82.4	123.6
192	20.7	15.8	23.6





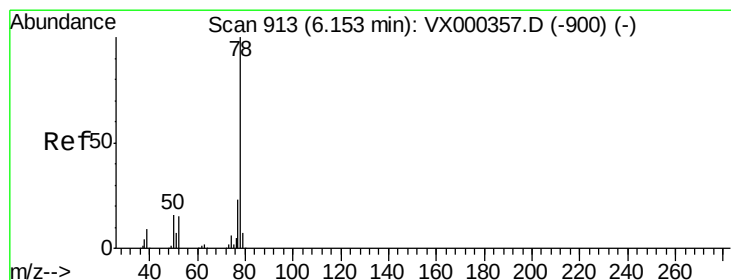
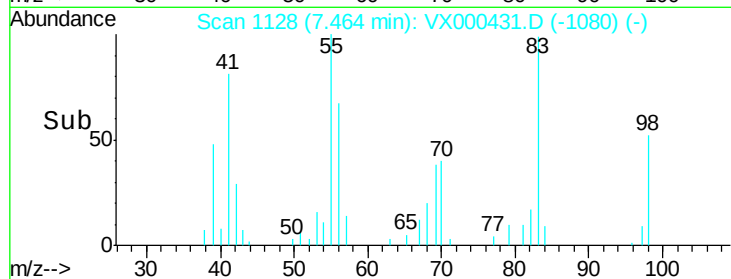
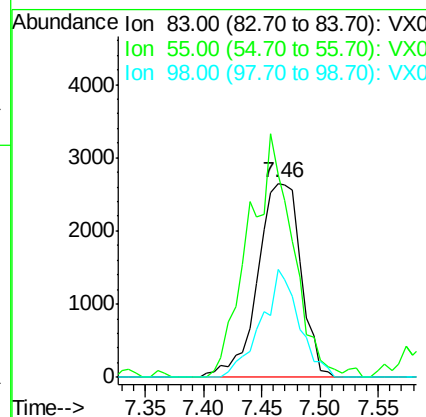
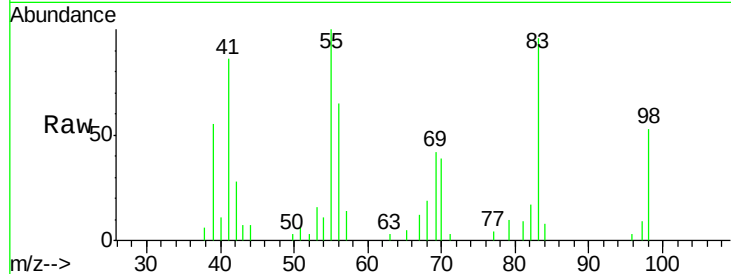
#39
Methylvlcyclohexane
Concen: 2.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	104.3	55.5	83.3#
98	55.6	38.2	57.4

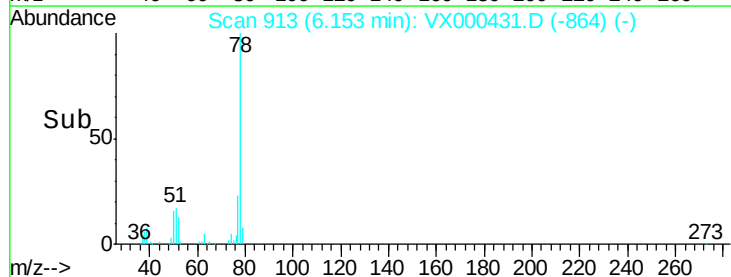
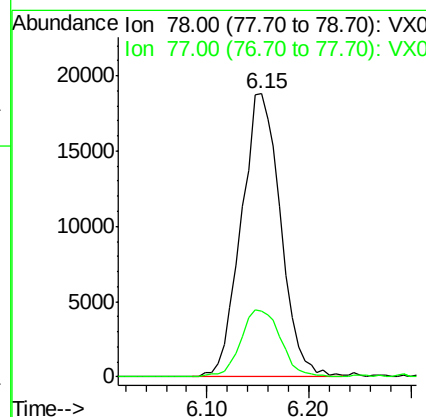
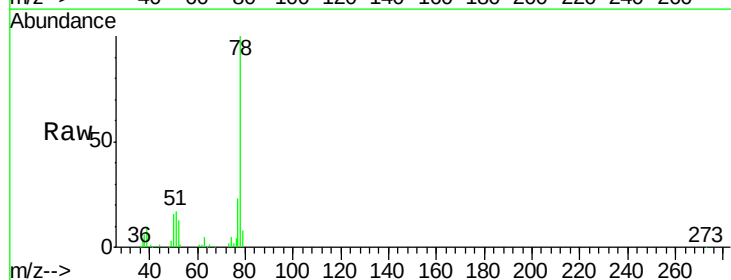
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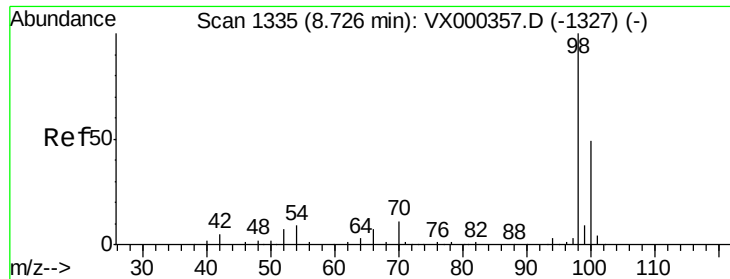
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#40
Benzene
Concen: 8.79 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





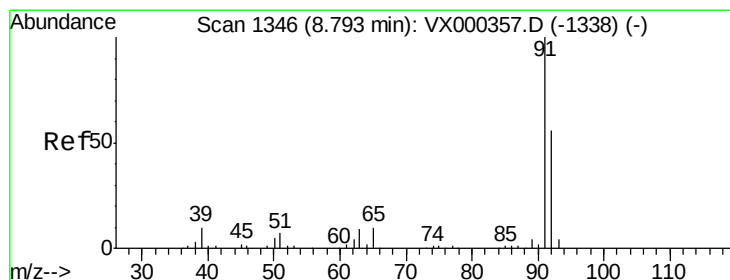
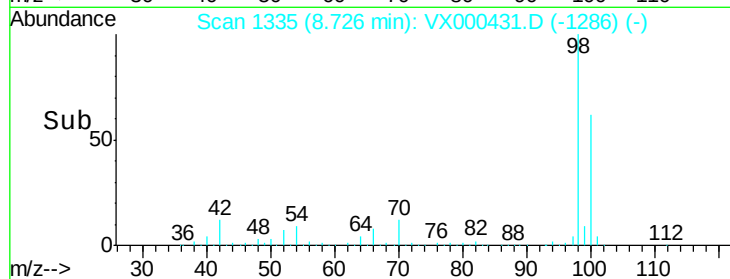
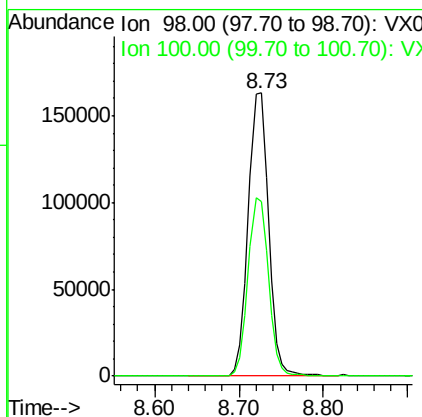
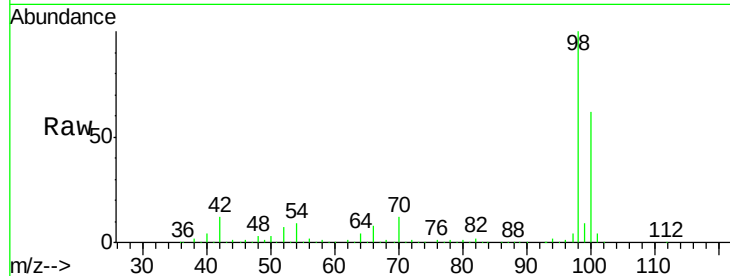
#50
Toluene-d8
Concen: 48.31 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918DL

Tot Ion: 98 Resp: 265939
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8

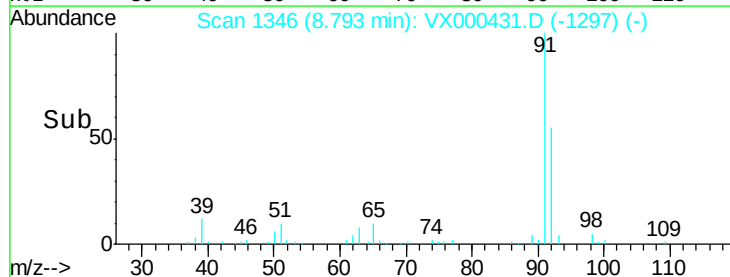
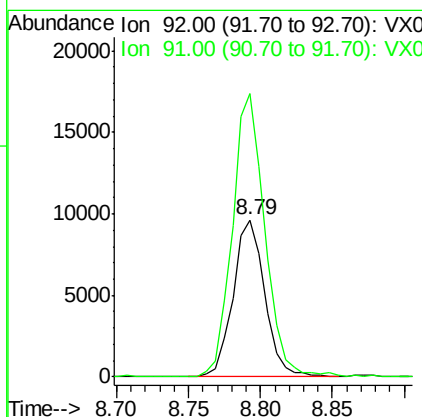
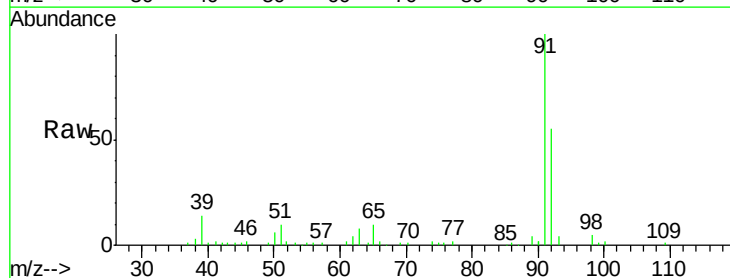
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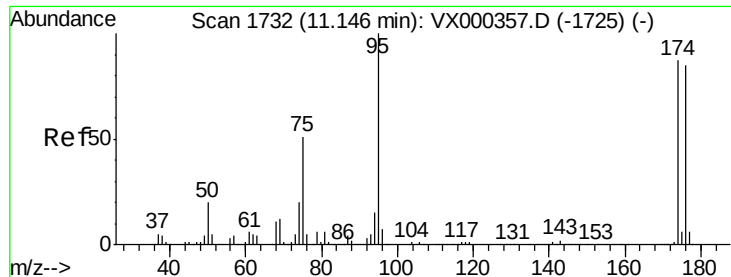
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#52
Toluene
Concen: 3.68 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Tgt Ion: 92 Resp: 14776
Ion Ratio Lower Upper
92 100
91 184.8 140.2 210.2





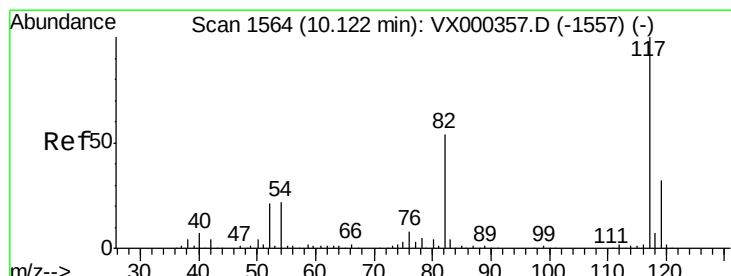
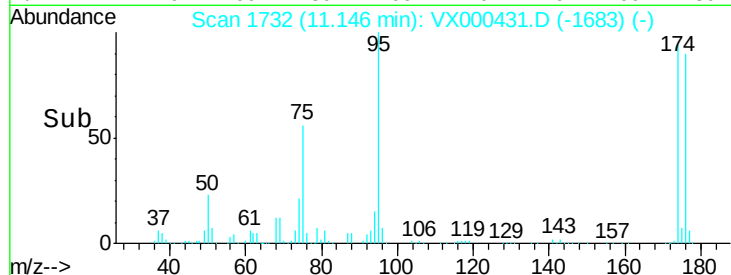
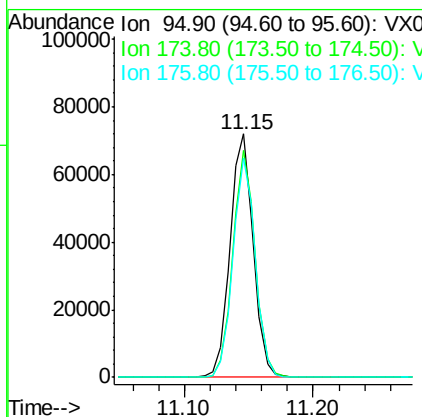
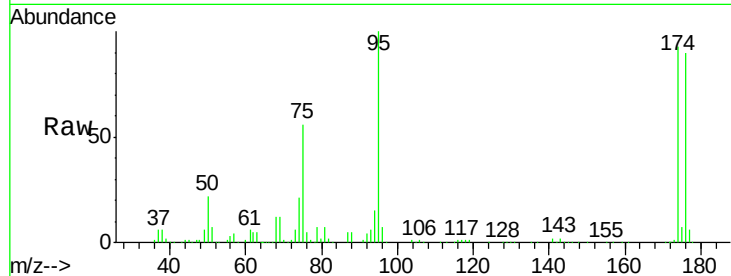
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4-Bromofluorobenzene
Concen: 40.43 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	90916		
174	89.3	0.0	173.6	
176	86.8	0.0	164.6	

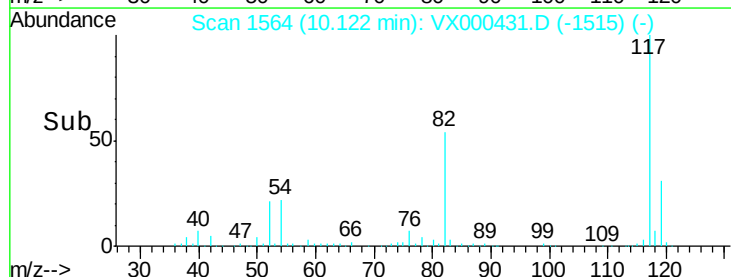
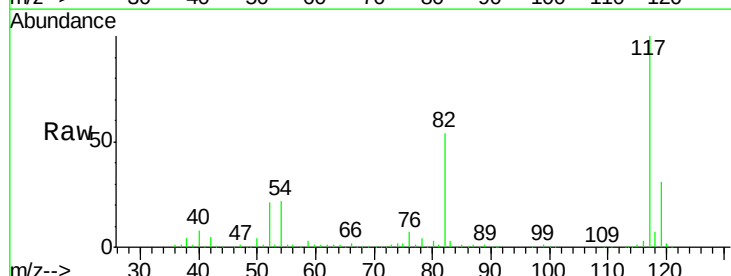
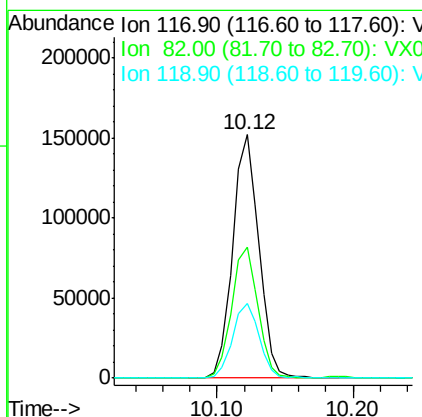
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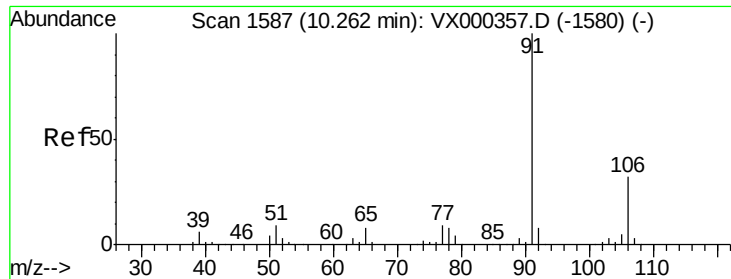
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	203330		
82	53.5	43.8	65.8	
119	30.8	24.9	37.3	





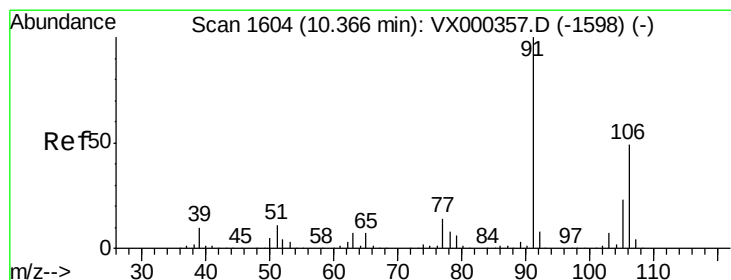
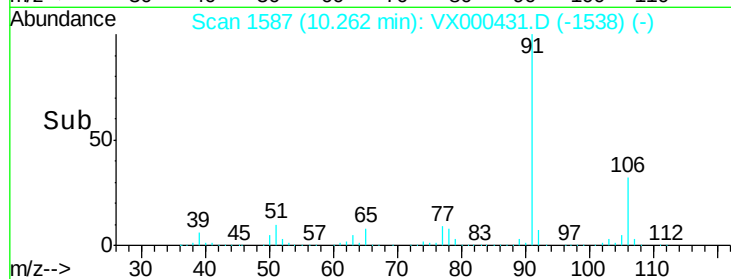
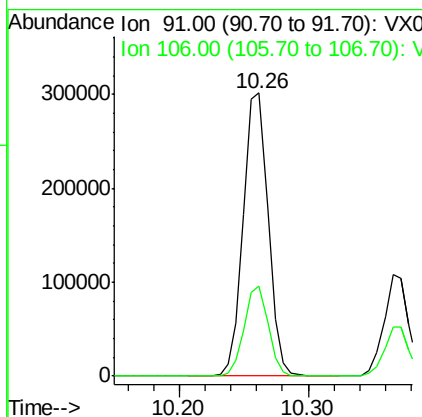
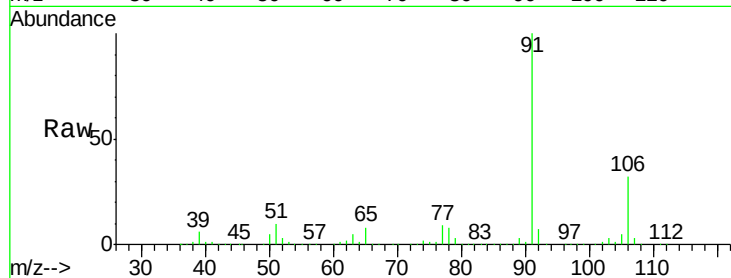
#67
Ethyl Benzene
Concen: 52.46 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918DL

Tot Ion: 91 Resp: 402408
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6

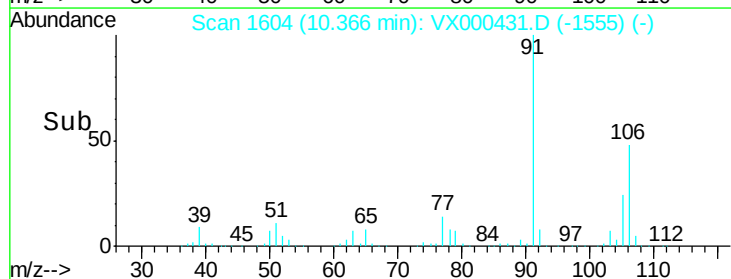
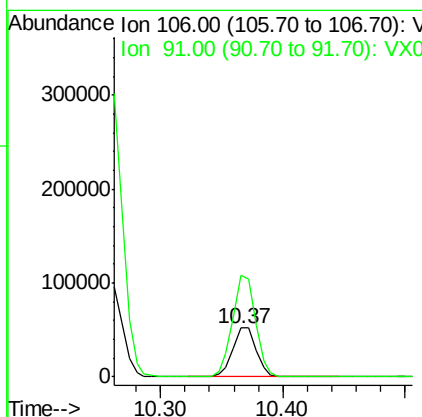
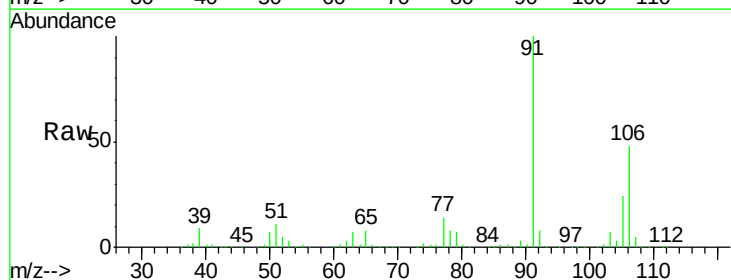
Manual Integrations
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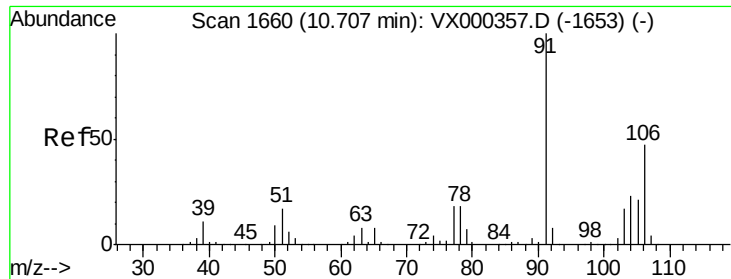
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#68
m/p-Xylenes
Concen: 23.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Tgt Ion: 106 Resp: 69429
Ion Ratio Lower Upper
106 100
91 202.9 163.4 245.2





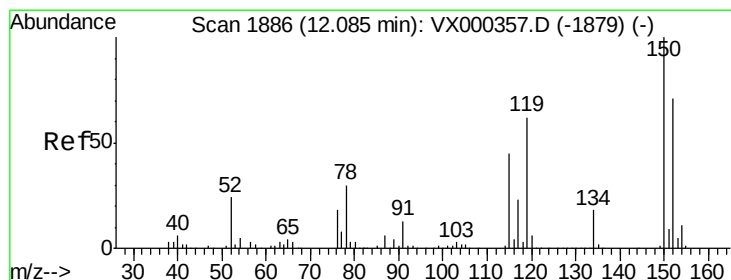
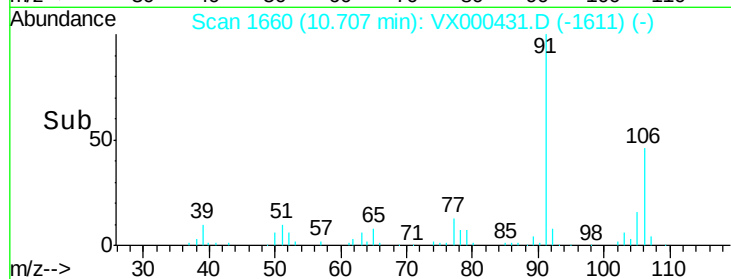
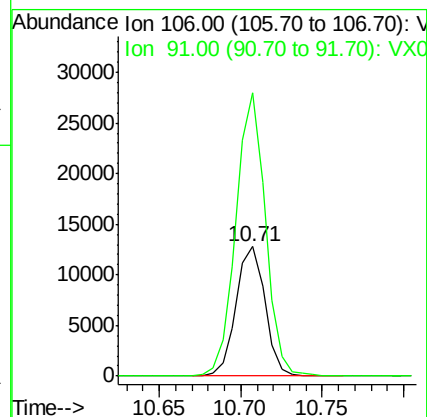
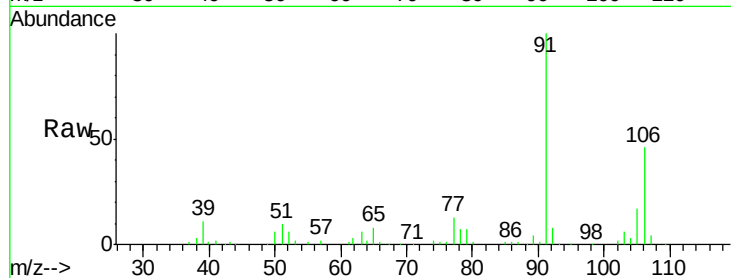
#69
o-Xylene
Concen: 5.44 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1-031918DL

Tot Ion:106 Resp: 15906
Ion Ratio Lower Upper
106 100
91 221.7 106.5 319.6

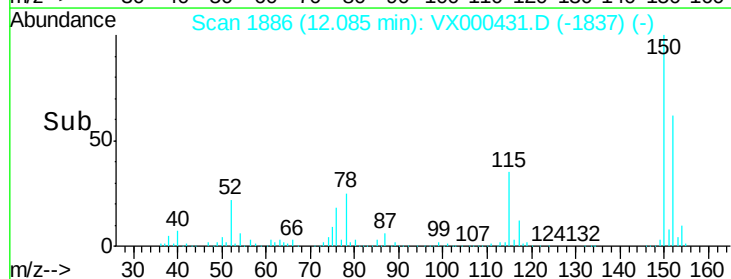
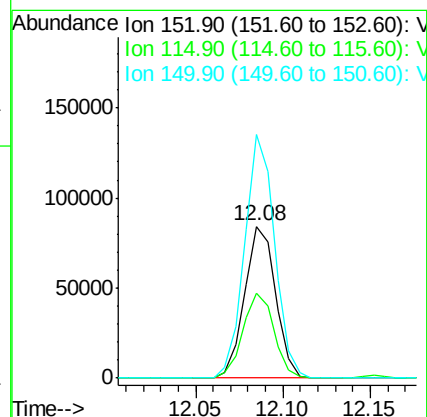
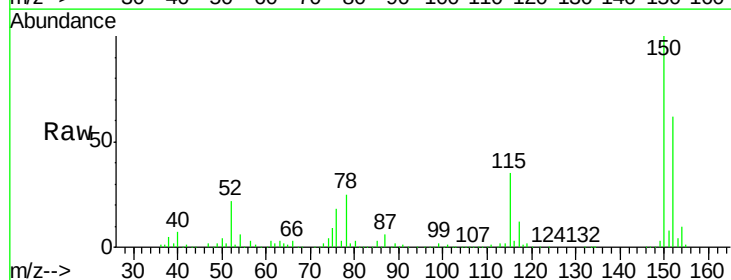
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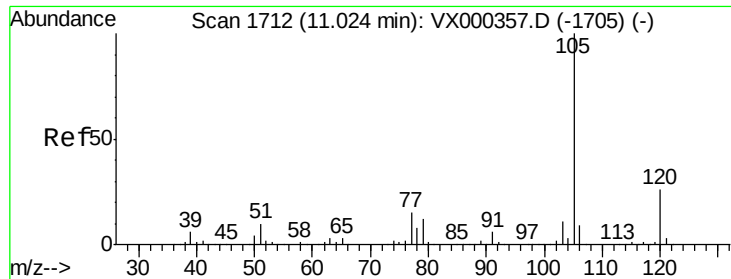
sam
3/26/2018 2:36:32 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000431.D
Acq: 23 Mar 2018 16:40

Tgt Ion:152 Resp: 103655
Ion Ratio Lower Upper
152 100
115 56.4 39.8 119.3
150 155.6 0.0 344.4





#73

Isopropylbenzene

Concen: 3.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000431.D

Acq: 23 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

MW-1-031918DL

Tot Ion:105 Resp: 25634

Ion Ratio Lower Upper

105 100

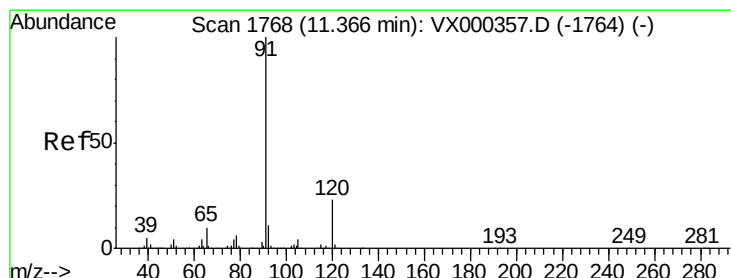
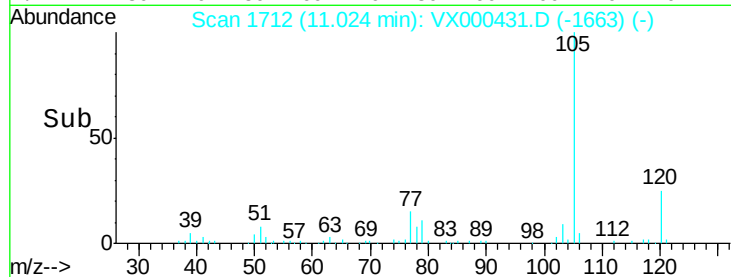
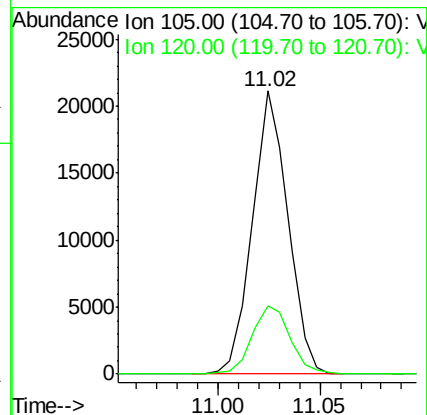
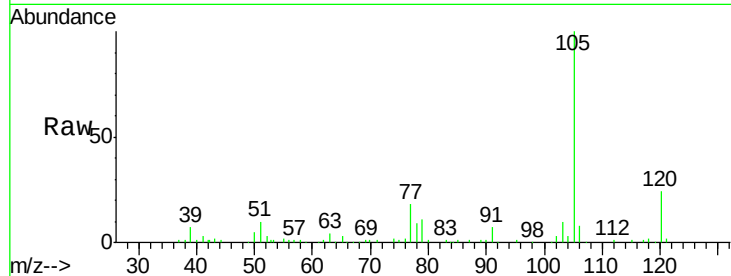
120 25.9 13.6 40.7

Manual Integrations

APPROVED

sam

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#78

n-propylbenzene

Concen: 9.74 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000431.D

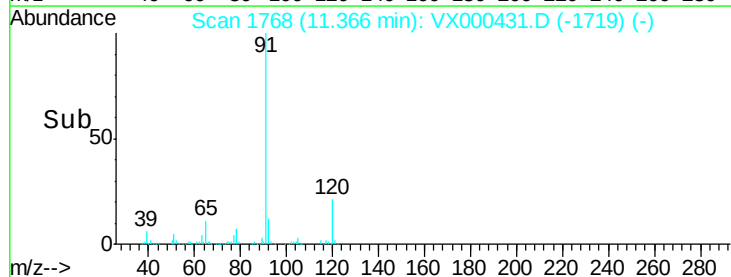
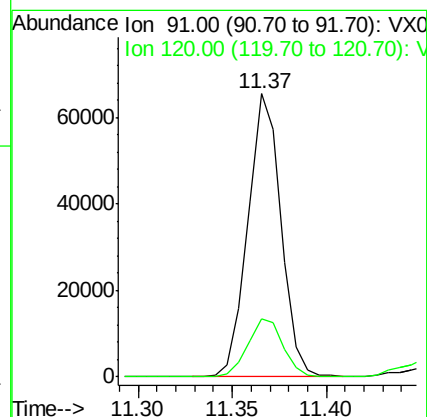
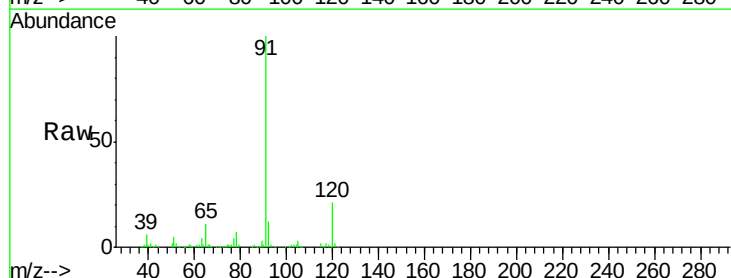
Acq: 23 Mar 2018 16:40

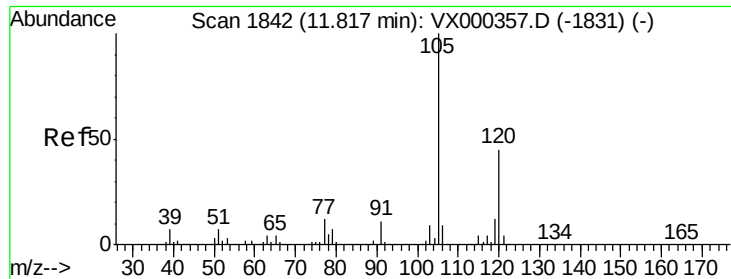
Tgt Ion: 91 Resp: 79763

Ion Ratio Lower Upper

91 100

120 21.9 11.8 35.3





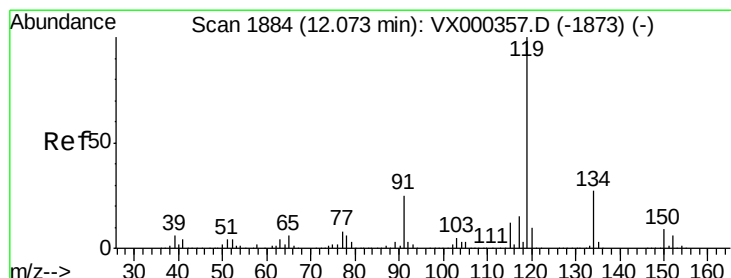
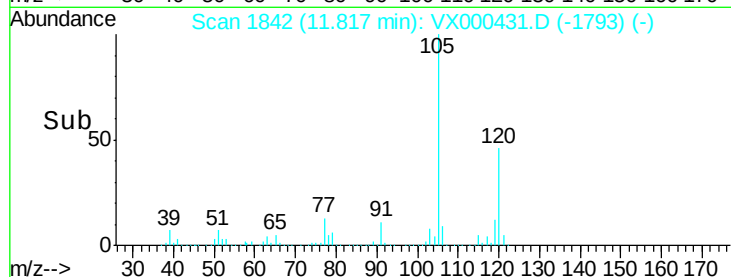
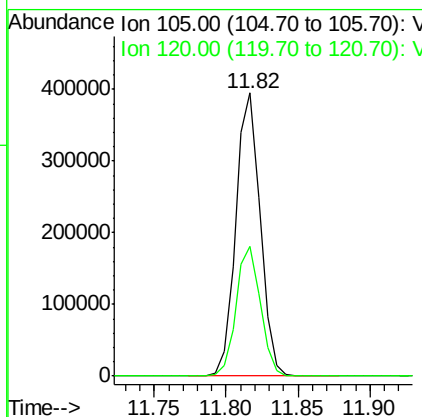
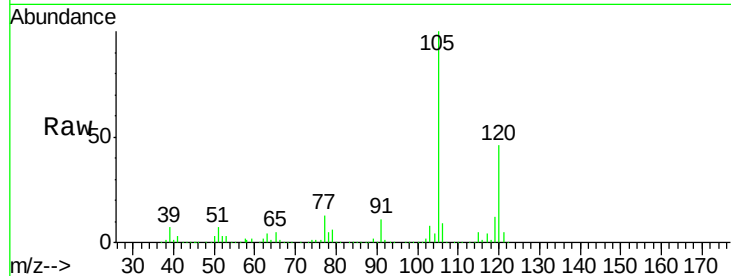
#84
 1,2,4-Trimethylbenzene
 Concen: 77.25 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000431.D
 Acq: 23 Mar 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-031918DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3

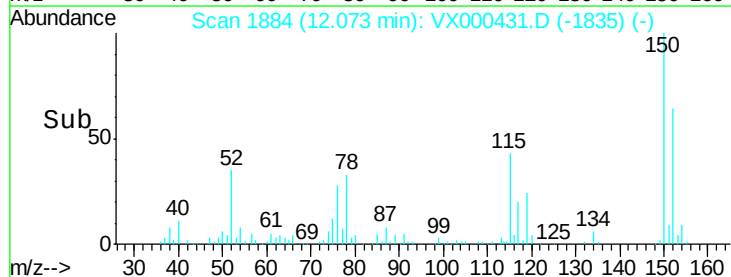
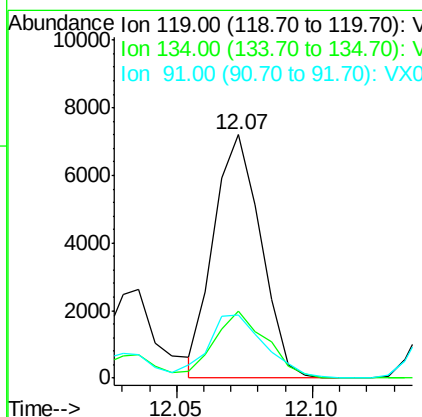
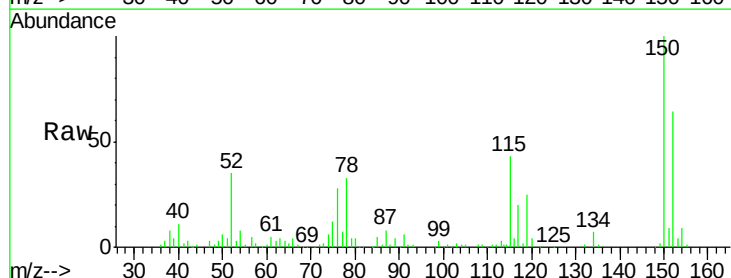
Manual Integrations
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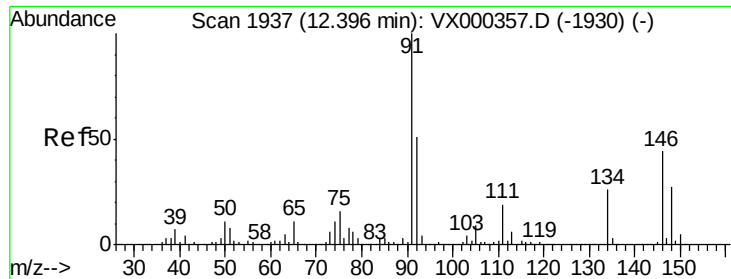
sam
 3/26/2018 2:36:32 PM



#86
 p-Isopropyltoluene
 Concen: 1.35 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000431.D
 Acq: 23 Mar 2018 16:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.6	13.3	39.9
91	31.9	12.0	36.1





#89

n-Butylbenzene

Concen: 1.59 ug/l m

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000431.D

Acq: 23 Mar 2018 16:40

Instrument :

MSVOA_X

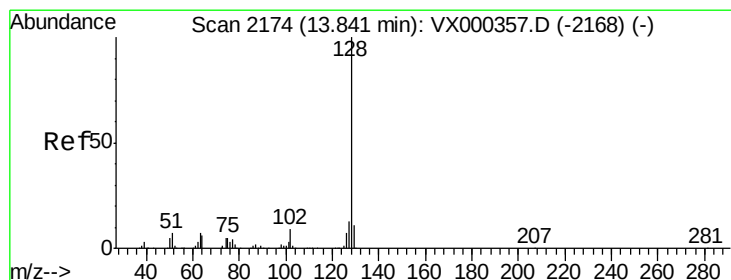
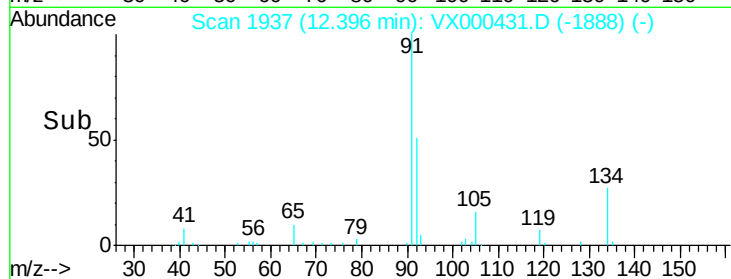
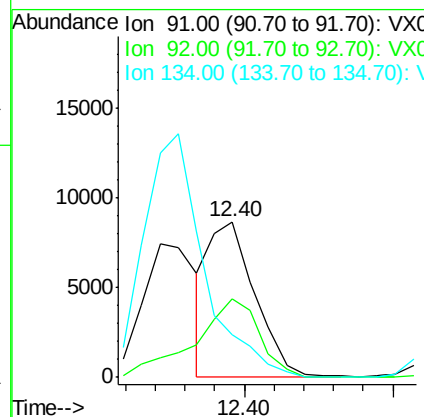
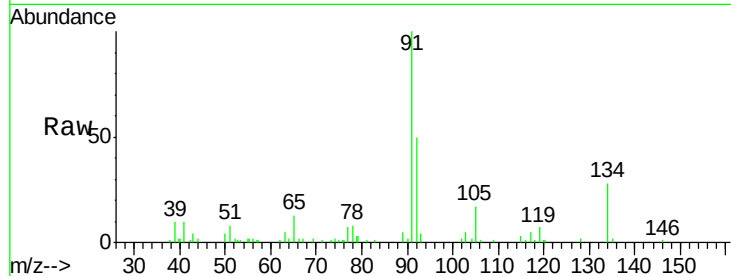
ClientSampleId :

MW-1-031918DL

Tot Ion:	91	Resp:	9465
Ion Ratio	Lower	Upper	
91	100		
92	0.0	25.9	77.8#
134	201.7	13.1	39.3#

Manual Integrations
APPROVED

sam
3/26/2018 2:36:32 PM



#95

Naphthalene

Concen: 4.37 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000431.D

Acq: 23 Mar 2018 16:40

Tgt Ion:	128	Resp:	37031
Ion Ratio	Lower	Upper	
128	100		
127	15.1	10.6	15.8
129	12.6	8.9	13.3

