

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060918\
 Data File : VX002426.D
 Acq On : 09 Jun 2018 17:29
 Operator : JC/MD
 Sample : J3396-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-07

Manual Integrations
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 6/11/2018 2:32:54 PM

Quant Time: Jun 19 15:24:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152586	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	146942	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	5.51	113	112750	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.72	98	436036	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.14	95	151034	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	111478	73.15	ug/l	99
25) 2-Butanone	4.71	43	6777	3.31	ug/l	95
39) Methylcyclohexane	7.46	83	7492	2.15	ug/l	95
52) Toluene	8.79	92	3324	0.53	ug/l	93
65) Chlorobenzene	10.14	112	40216	5.80	ug/l	98
67) Ethyl Benzene	10.26	91	2355	0.20	ug/l #	87
68) m/p-Xylenes	10.36	106	26306	5.83	ug/l	100
69) o-Xylene	10.70	106	12703	2.83	ug/l	99
73) Isopropylbenzene	11.02	105	16308	1.54	ug/l	99
78) n-propylbenzene	11.37	91	24041	2.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	17374	1.85	ug/l	98
85) sec-Butylbenzene	11.95	105	10863	1.05	ug/l	95
89) n-Butylbenzene	12.39	91	3975m	0.50	ug/l	
95) Naphthalene	13.83	128	7924	0.71	ug/l #	65

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

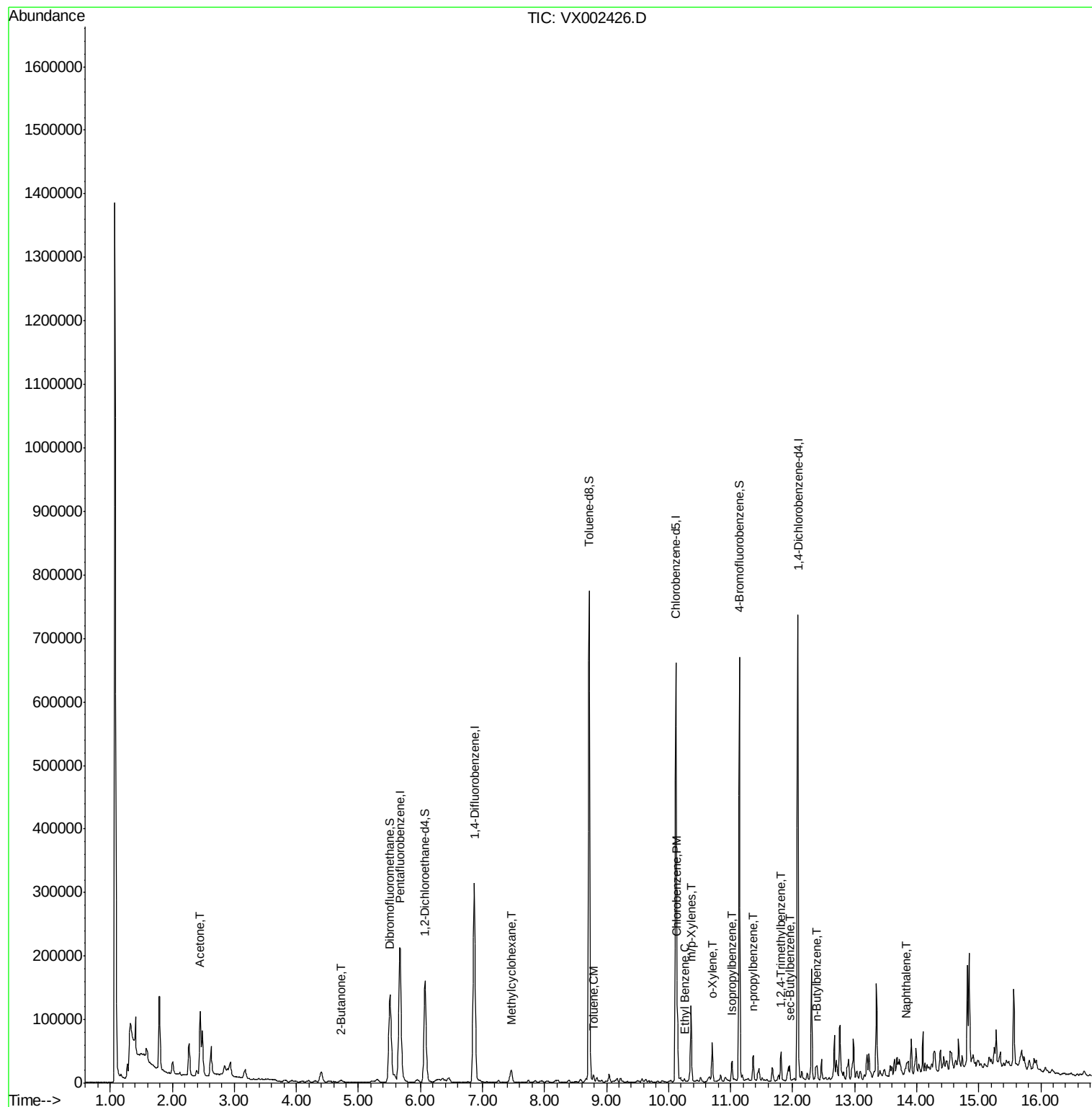
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060918\
Data File : VX002426.D
Acq On : 09 Jun 2018 17:29
Operator : JC/MD
Sample : J3396-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

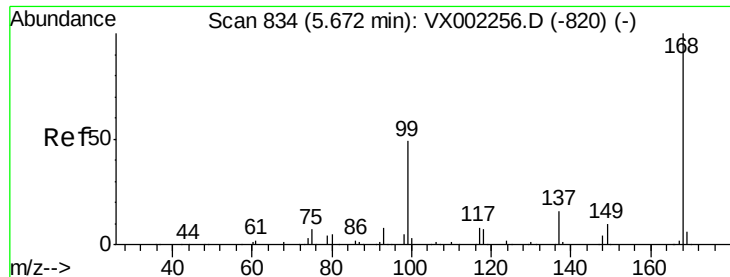
Instrument :
MSVOA_X
ClientSampleId :
W-07

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Quant Time: Jun 19 15:24:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

W-07

Tot Ion:168 Resp: 209049

Ion Ratio Lower Upper

168 100

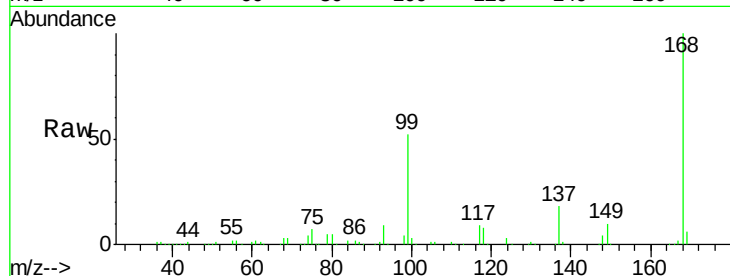
99 51.6 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

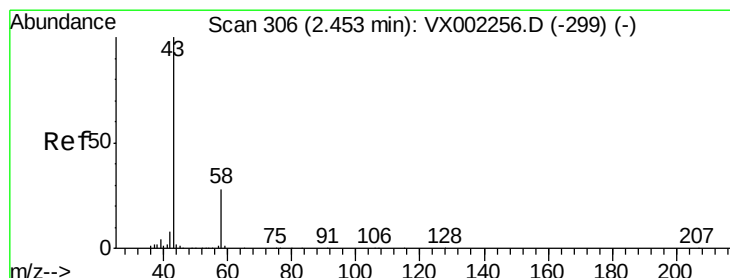
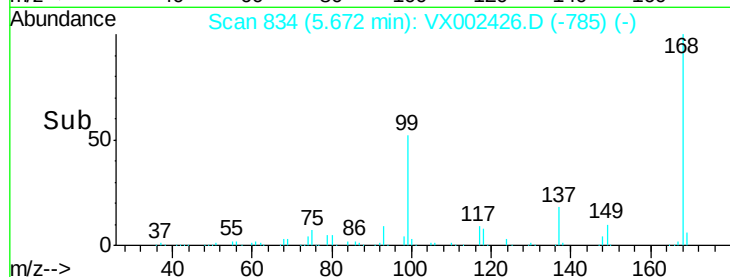
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 73.15 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002426.D

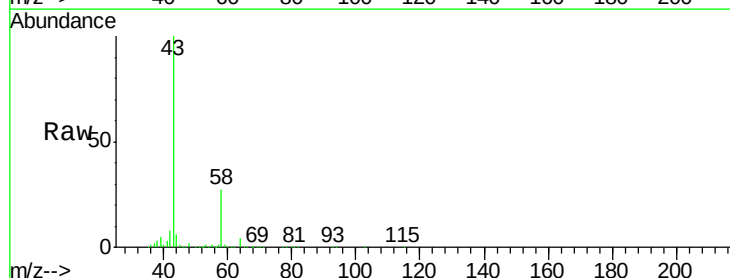
Acq: 09 Jun 2018 17:29

Tgt Ion: 43 Resp: 111478

Ion Ratio Lower Upper

43 100

58 27.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

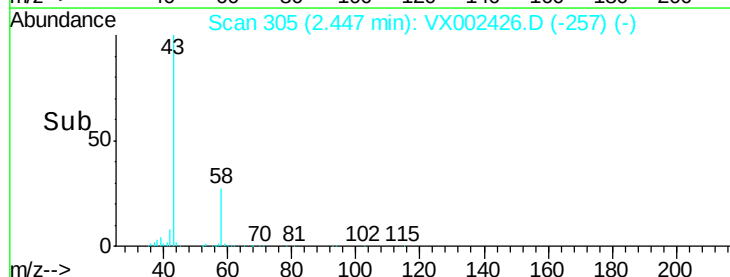
60000

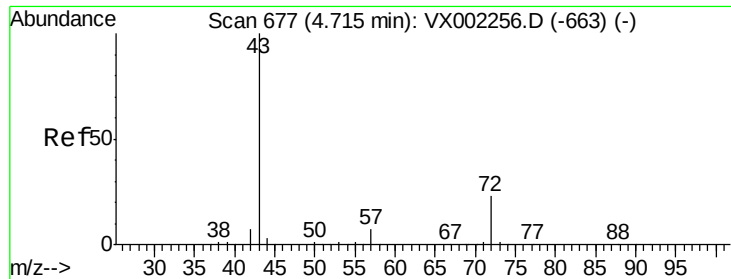
40000

20000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#25

2-Butanone

Concen: 3.31 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

W-07

Tot Ion: 43 Resp: 6777

Ion Ratio Lower Upper

43 100

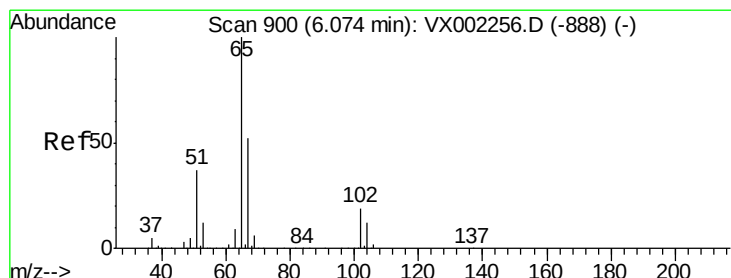
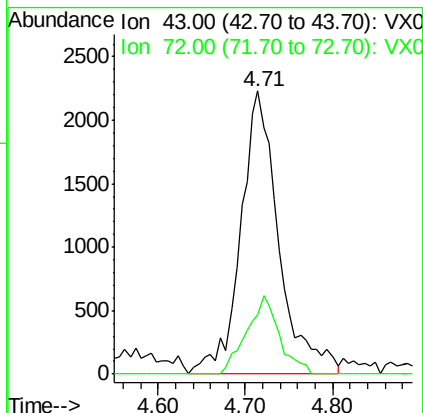
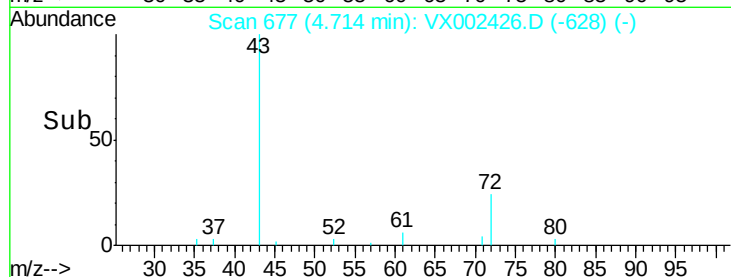
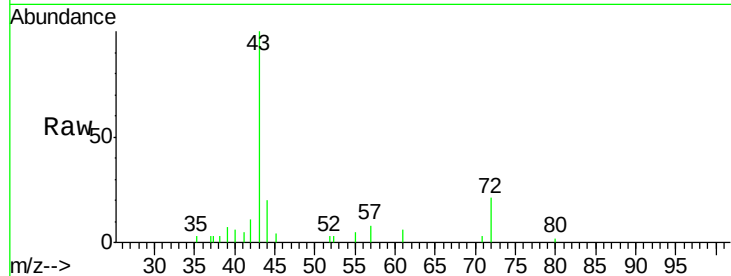
72 20.8 18.5 27.7

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#33

1,2-Dichloroethane-d4

Concen: 49.09 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002426.D

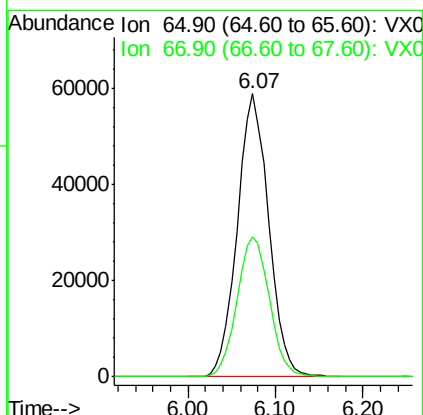
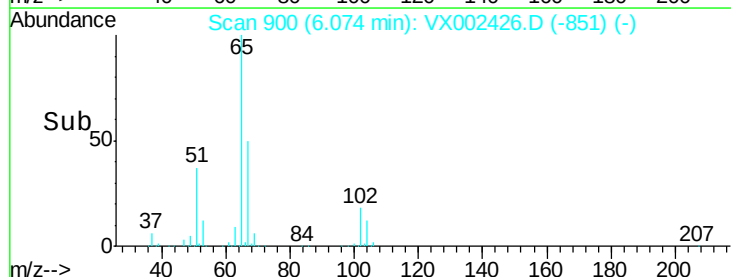
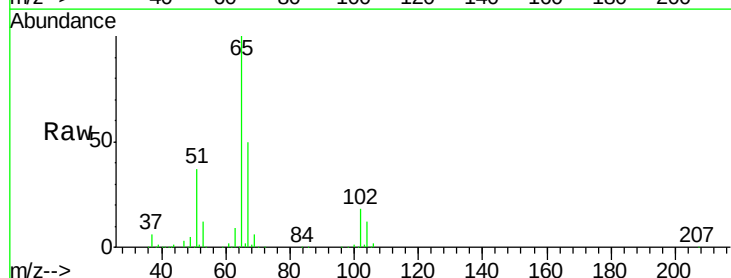
Acq: 09 Jun 2018 17:29

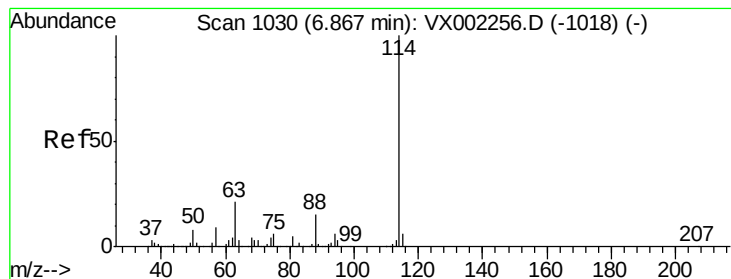
Tgt Ion: 65 Resp: 146942

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

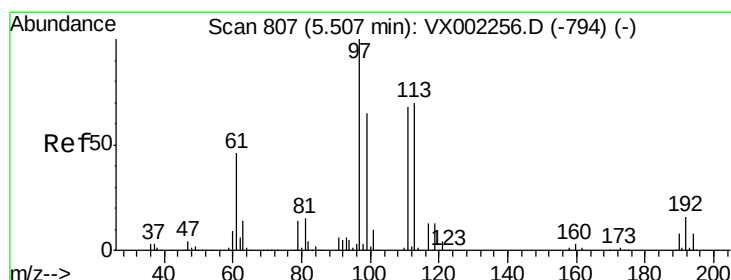
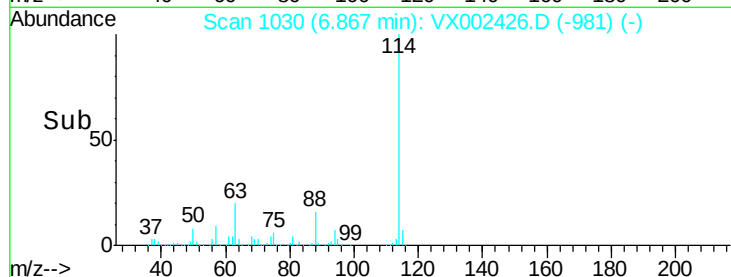
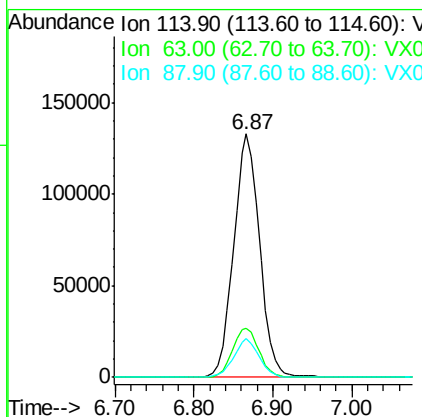
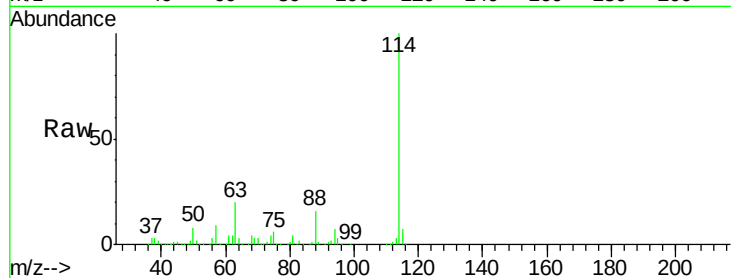
ClientSampleId :

W-07

Tot Ion:	114	Resp:	304054
Ion Ratio		Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.8	0.0	30.0

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#35

Dibromofluoromethane

Concen: 47.15 ug/l

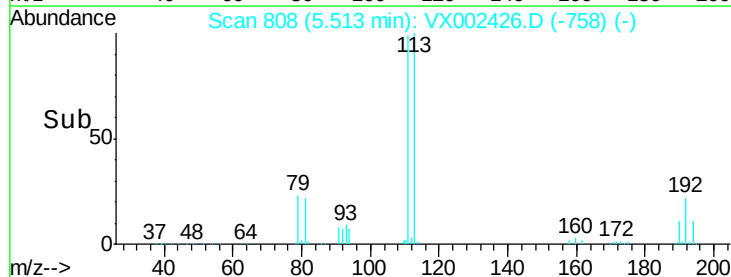
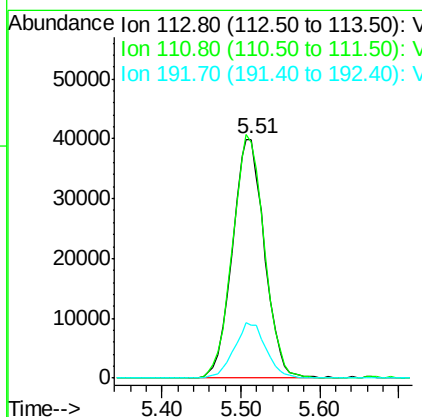
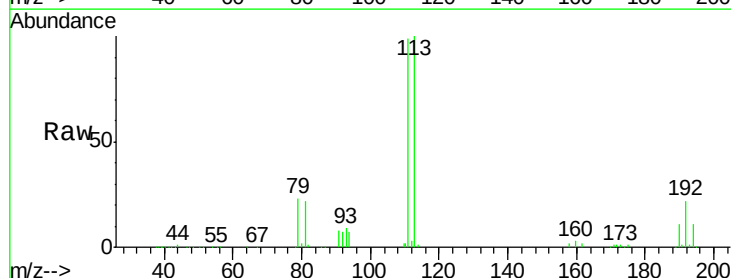
RT: 5.51 min Scan# 808

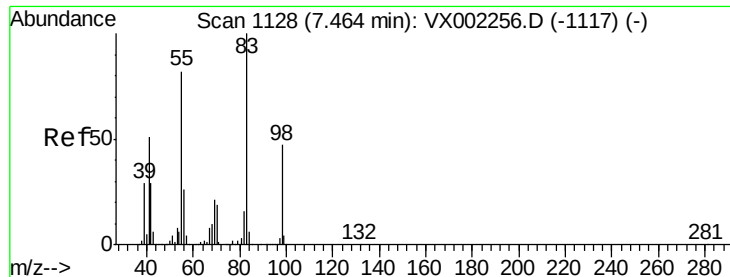
Delta R.T. 0.01 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Tgt Ion:	113	Resp:	112750
Ion Ratio		Lower	Upper
113	100		
111	101.1	81.4	122.0
192	22.9	19.1	28.7





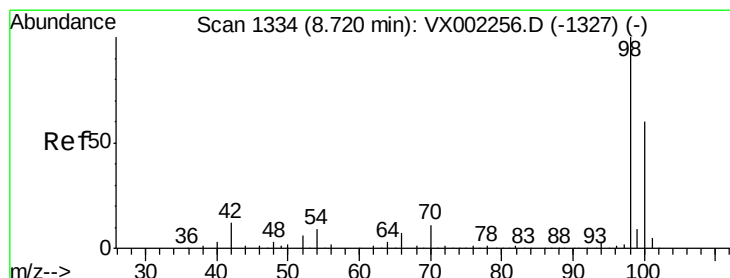
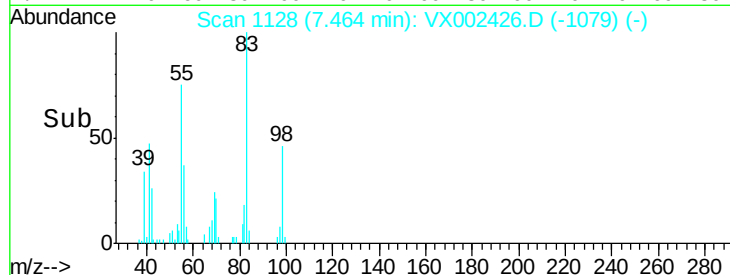
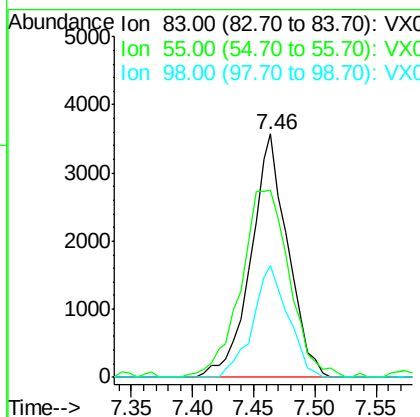
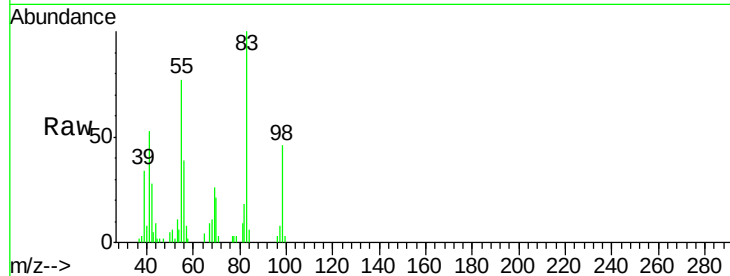
#39
Methylvlcyclohexane
Concen: 2.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Instrument :
MSVOA_X
ClientSampleId :
W-07

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	65.4	98.0
98	45.9	37.4	56.0

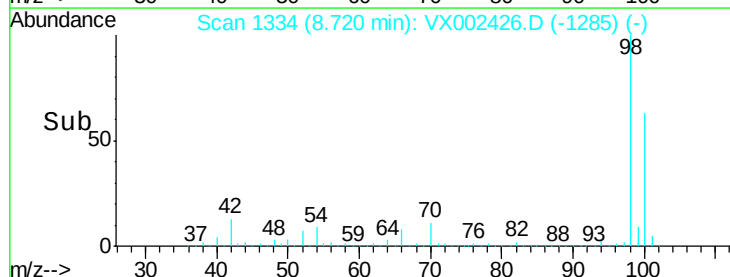
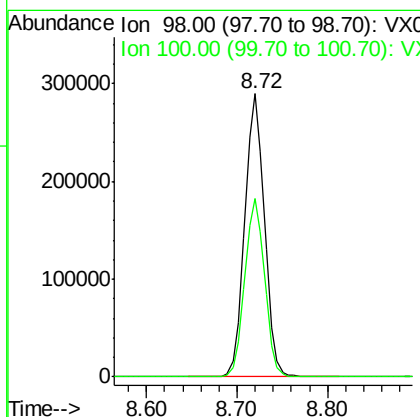
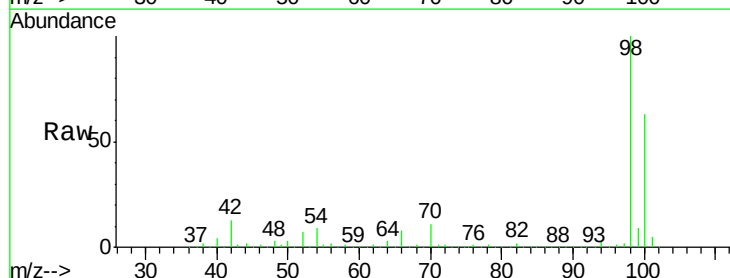
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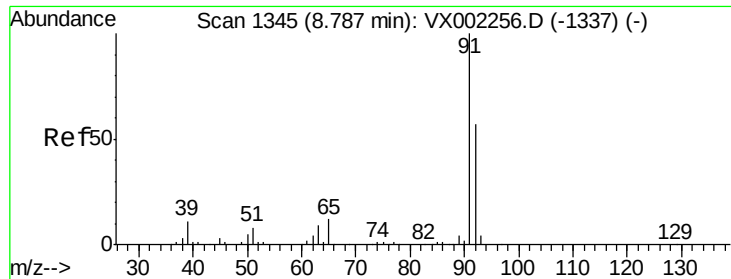
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#50
Toluene-d8
Concen: 47.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#52

Toluene

Concen: 0.53 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

W-07

Tot Ion: 92 Resp: 3324

Ion Ratio Lower Upper

92 100

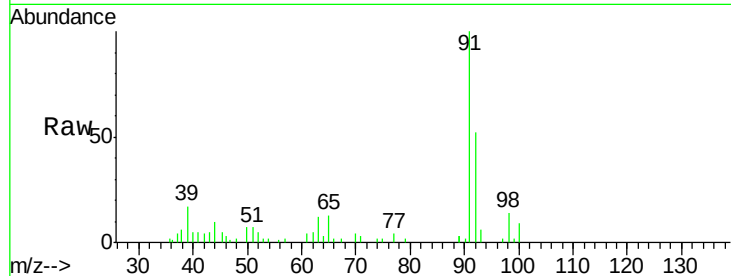
91 184.8 140.4 210.6

Manual Integrations

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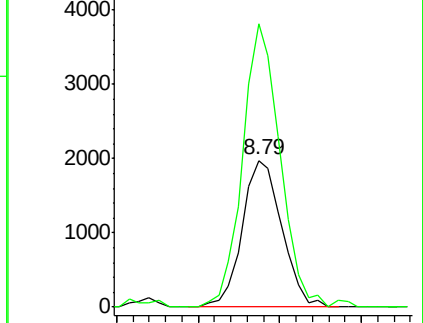
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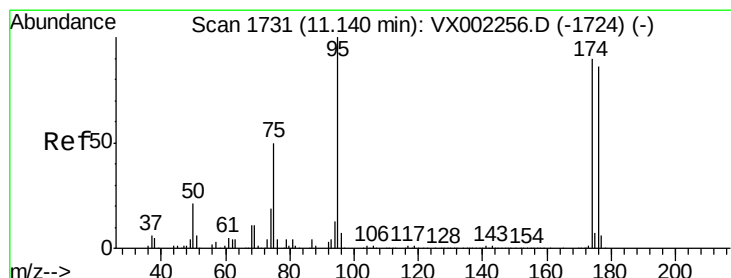
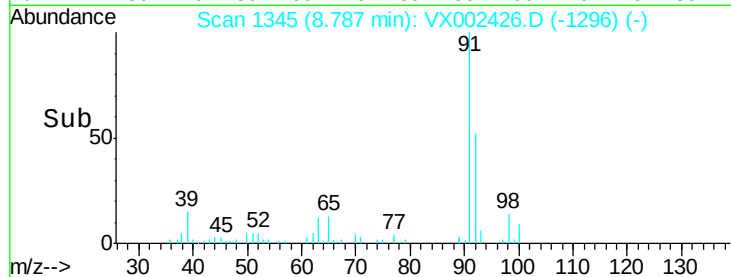


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time--> 8.70 8.75 8.80 8.85



#62

4-Bromofluorobenzene

Concen: 42.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

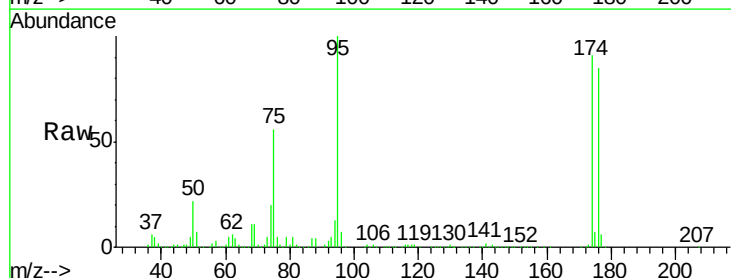
Tgt Ion: 95 Resp: 151034

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

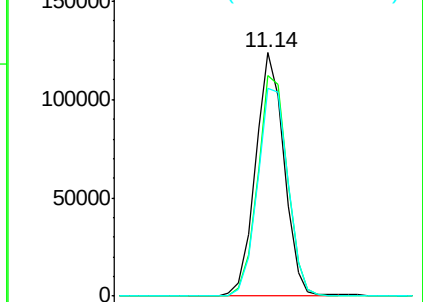
176 91.1 0.0 181.0



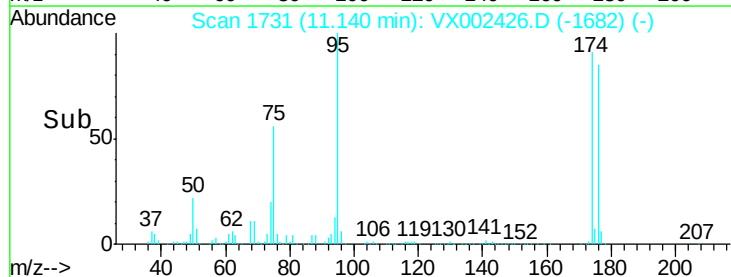
Abundance Ion 94.90 (94.60 to 95.60): VX0

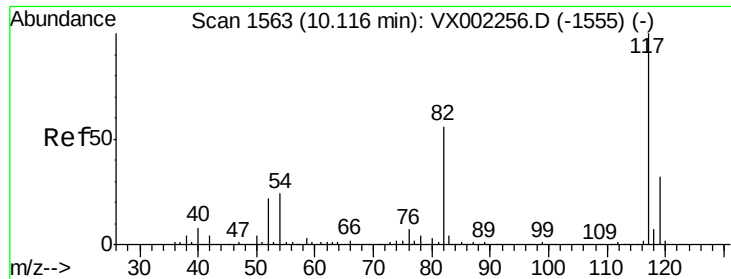
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 11.05 11.10 11.15 11.20





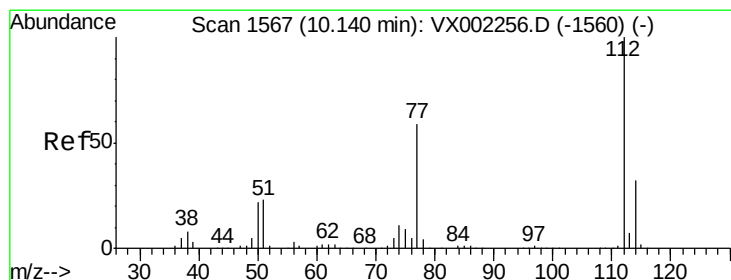
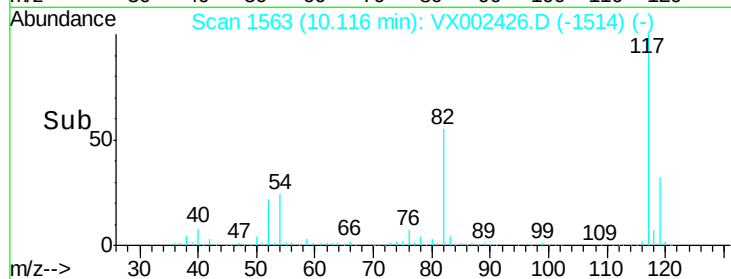
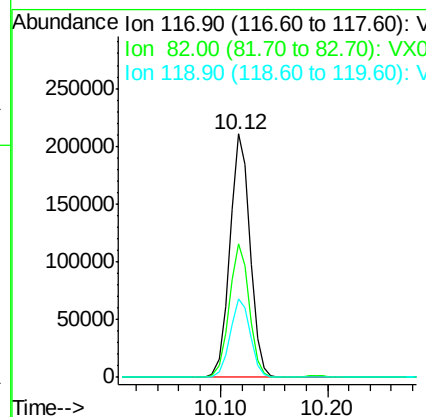
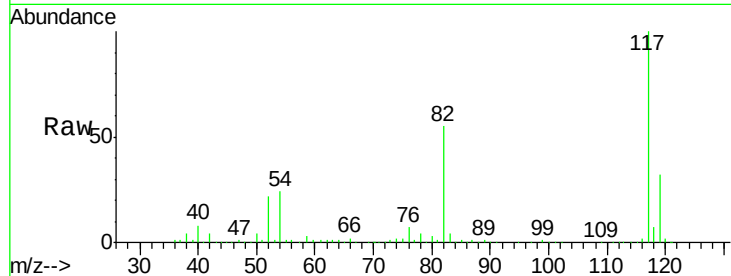
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Instrument :
MSVOA_X
ClientSampled :
W-07

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	32.4	25.8	38.6

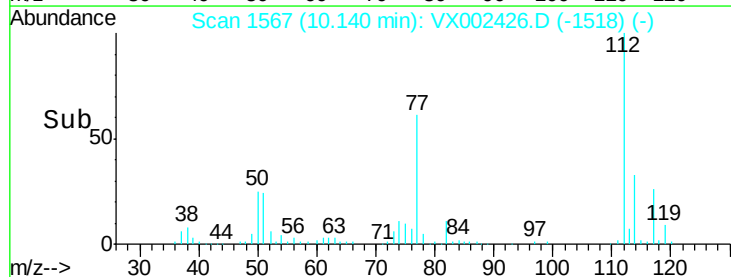
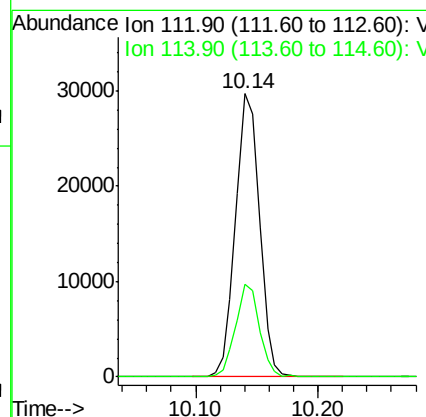
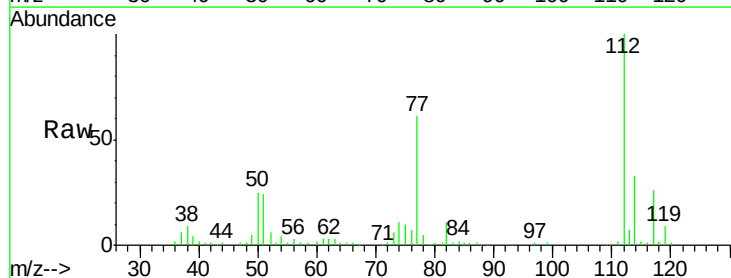
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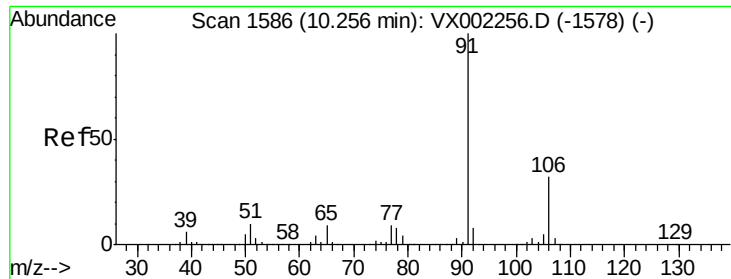
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#65
Chlorobenzene
Concen: 5.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.3	37.9





#67

Ethyl Benzene

Concen: 0.20 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

W-07

Tot Ion: 91 Resp: 2355

Ion Ratio Lower Upper

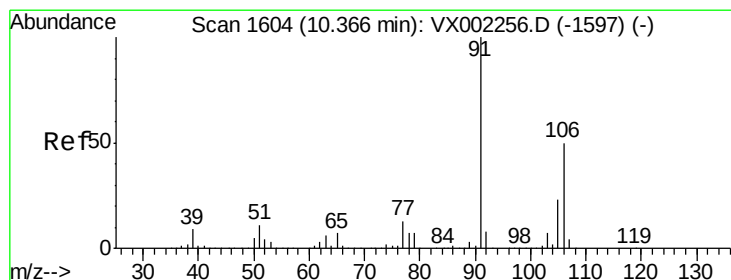
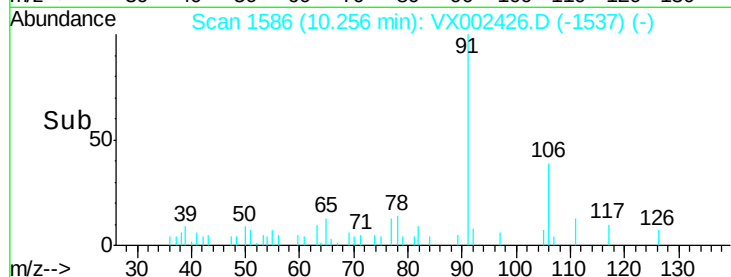
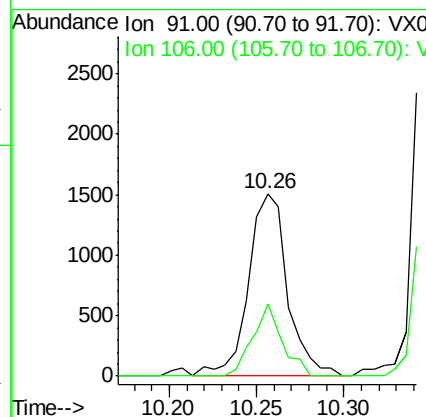
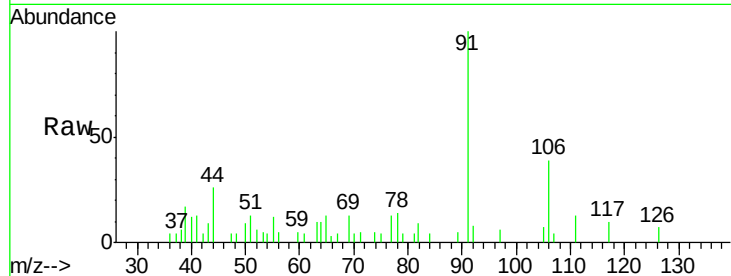
91 100

106 39.3 25.5 38.3#

Manual Integrations
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#68

m/p-Xylenes

Concen: 5.83 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002426.D

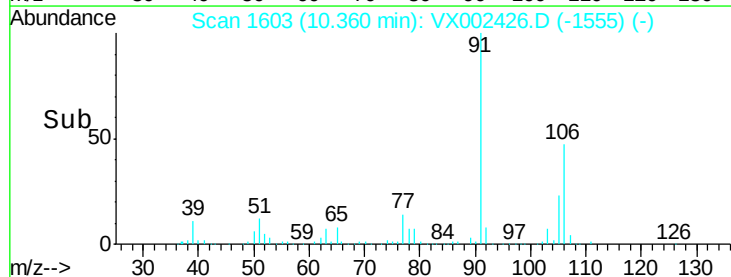
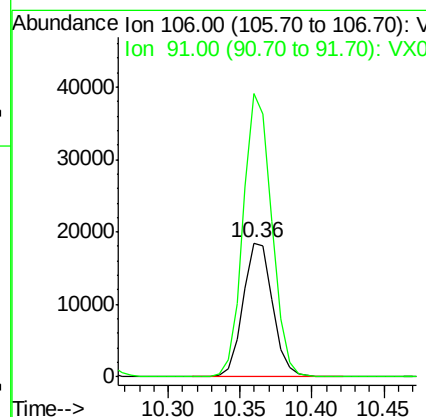
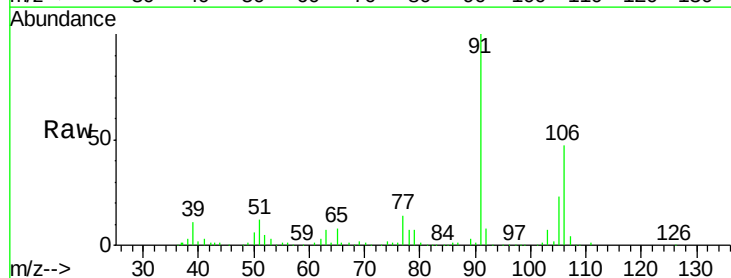
Acq: 09 Jun 2018 17:29

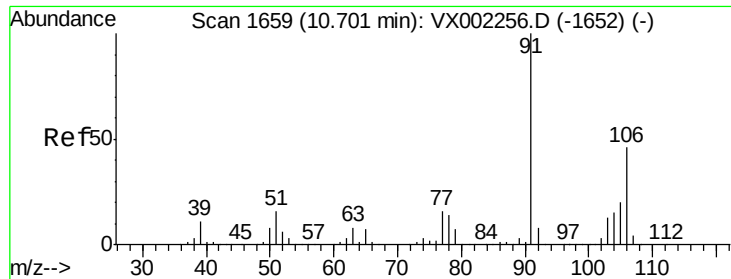
Tgt Ion: 106 Resp: 26306

Ion Ratio Lower Upper

106 100

91 204.4 163.4 245.2





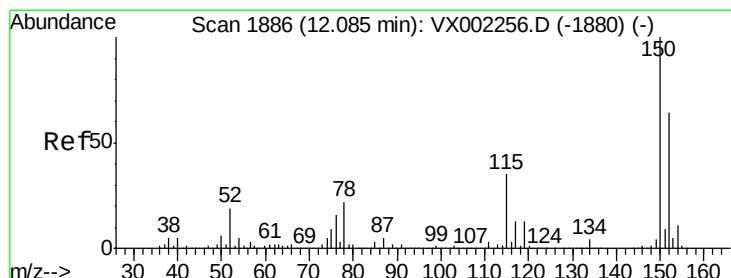
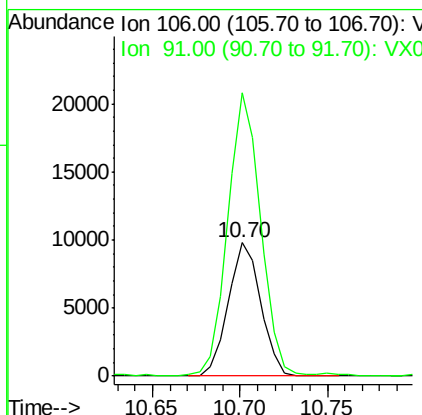
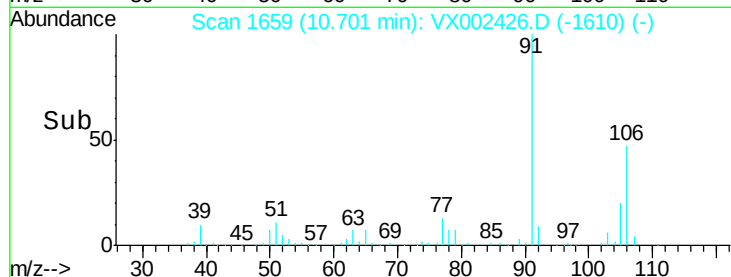
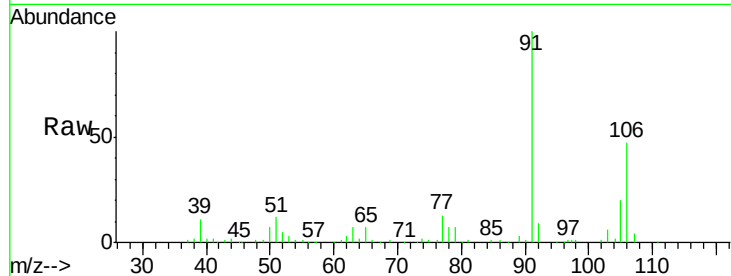
#69
o-Xylene
Concen: 2.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Instrument :
MSVOA_X
ClientSampled :
W-07

Tot Ion:106 Resp: 12703
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6

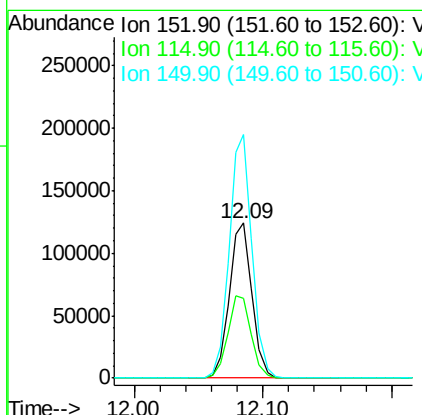
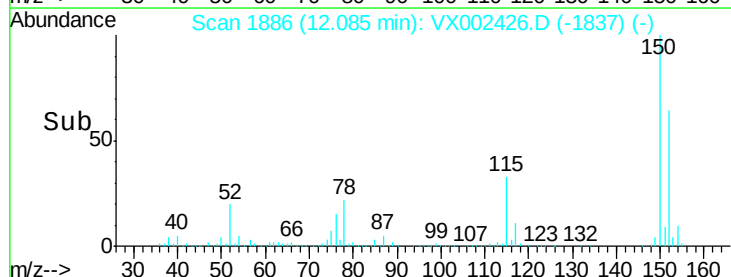
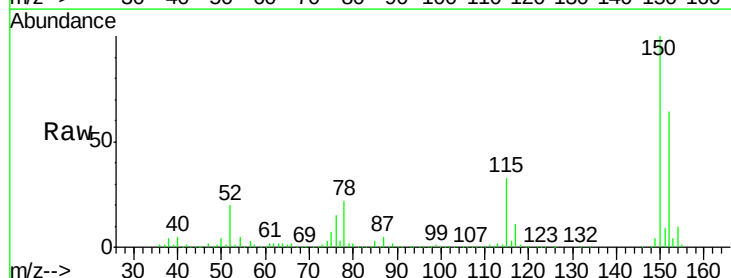
Manual Integrations
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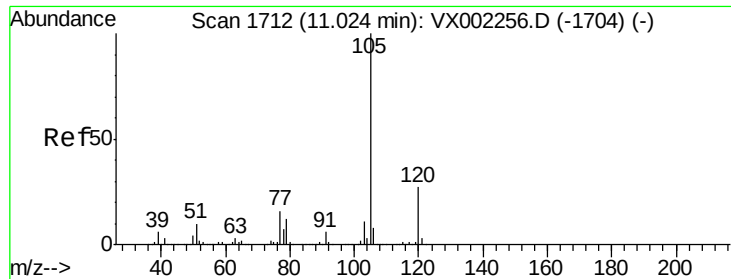
MMDadoda
6/11/2018 2:32:54 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion:152 Resp: 152586
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 157.3 0.0 347.2





#73

Isopropylbenzene

Concen: 1.54 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

W-07

Tot Ion: 105 Resp: 16308

Ion Ratio Lower Upper

105 100

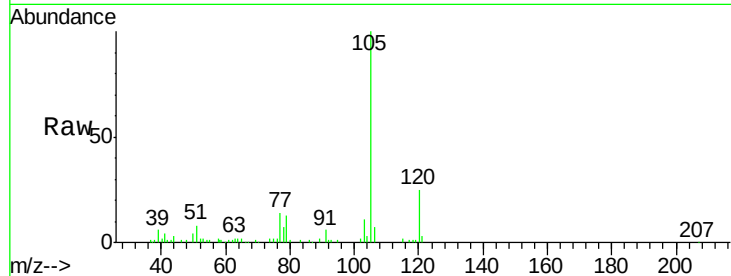
120 26.6 13.5 40.4

Manual Integrations

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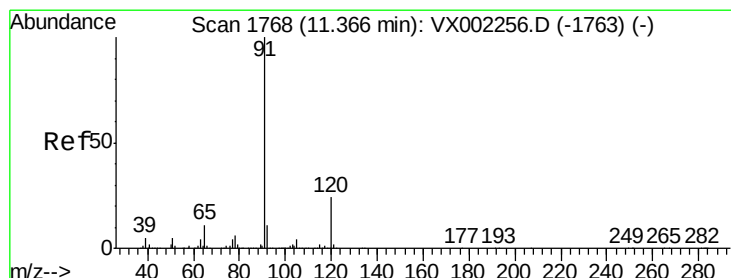
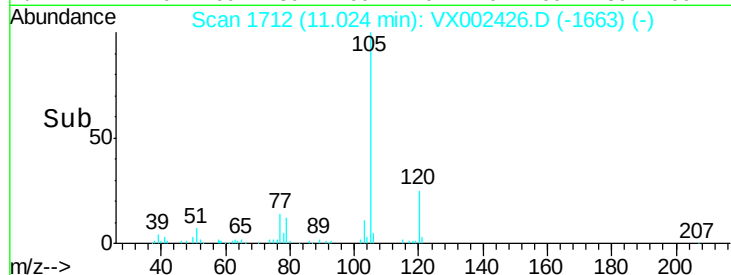
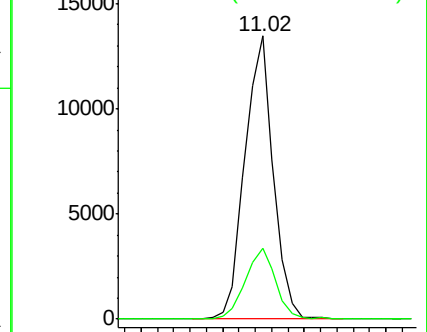
MMDadoda

6/11/2018 2:32:54 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.04 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002426.D

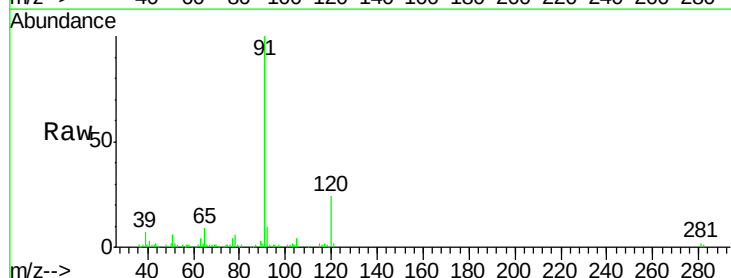
Acq: 09 Jun 2018 17:29

Tgt Ion: 91 Resp: 24041

Ion Ratio Lower Upper

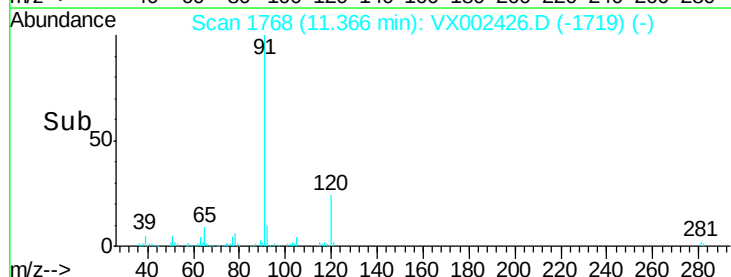
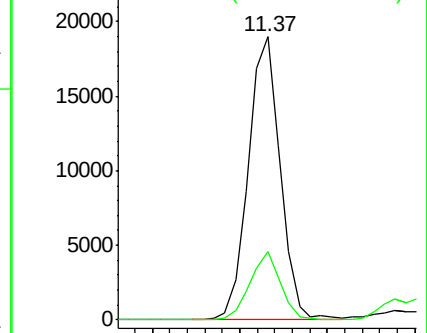
91 100

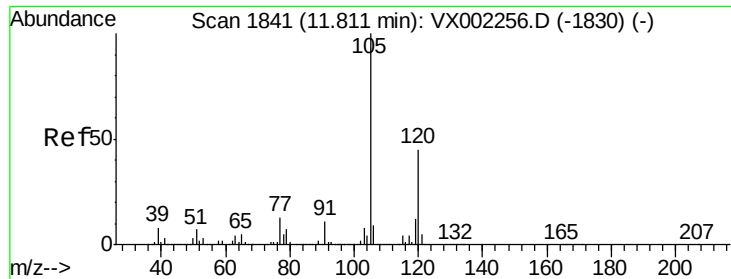
120 23.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





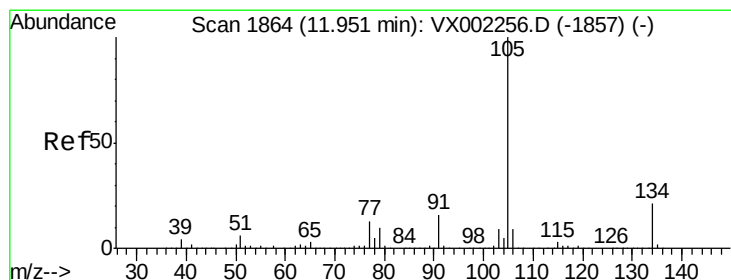
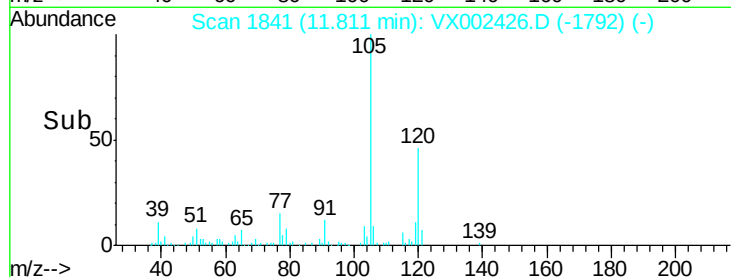
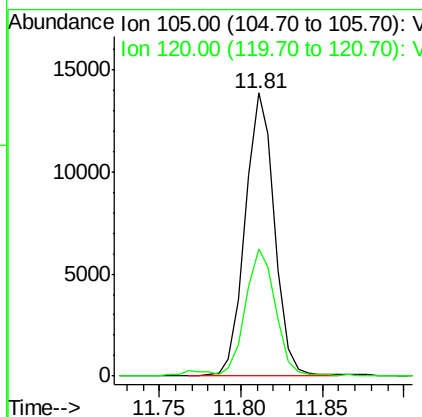
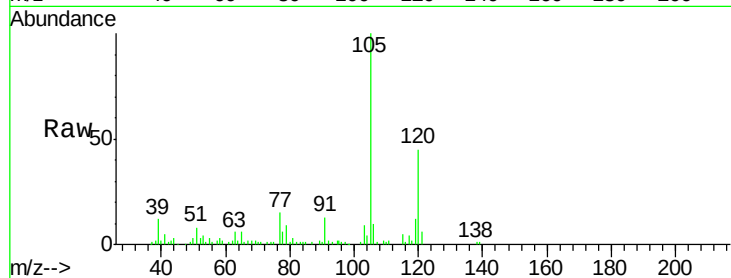
#84
 1,2,4-Trimethylbenzene
 Concen: 1.85 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 W-07

Tot Ion:105 Resp: 17374
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8

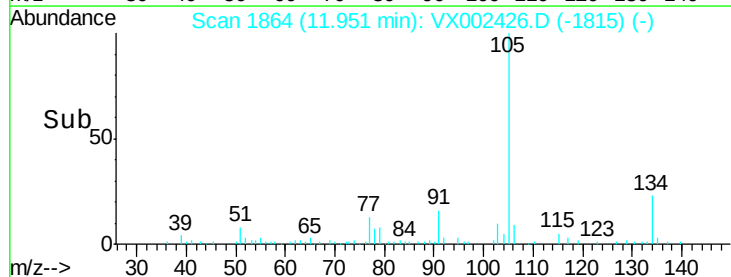
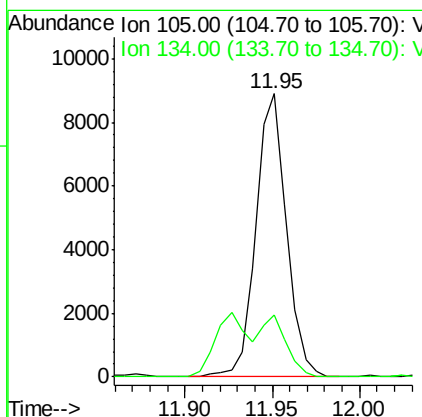
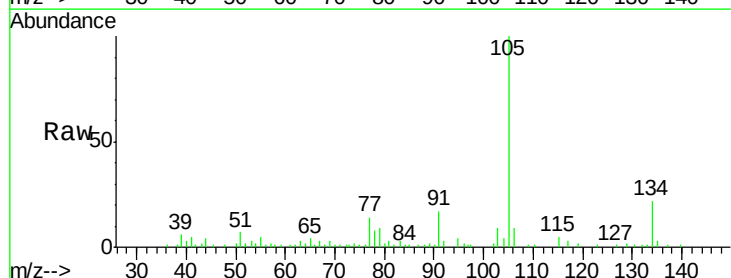
Manual Integrations
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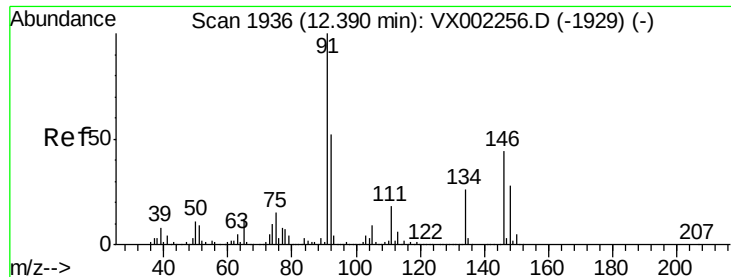
MMDadoda
 6/11/2018 2:32:54 PM



#85
 sec-Butylbenzene
 Concen: 1.05 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

Tgt Ion:105 Resp: 10863
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.4 31.1





#89

n-Butylbenzene

Concen: 0.50 ug/l m

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

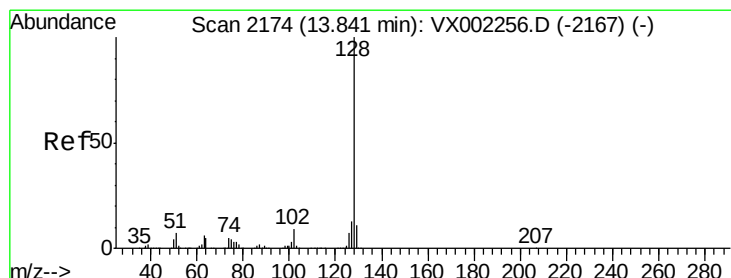
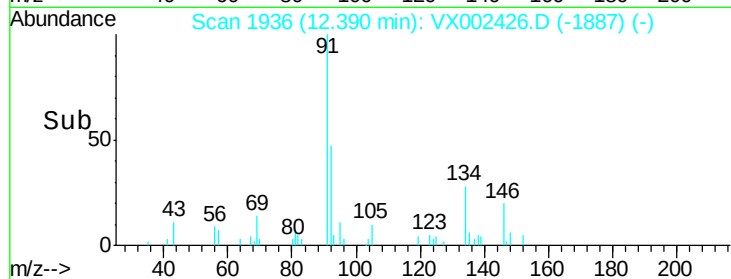
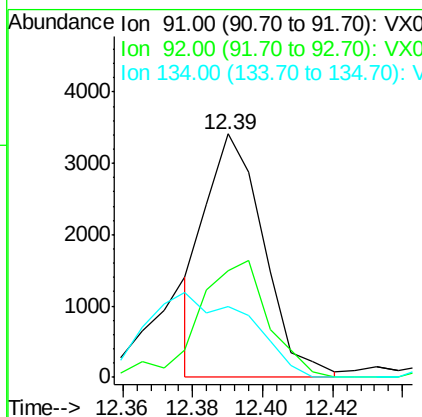
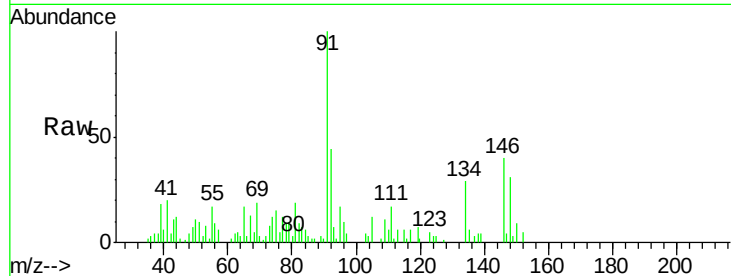
ClientSampled :

W-07

Tot Ion:	91	Resp:	3975
Ion	Ratio	Lower	Upper
91	100		
92	57.7	26.0	78.0
134	61.0	13.5	40.5#

Manual Integrations
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6/11/2018 2:32:54 PM



#95

Naphthalene

Concen: 0.71 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Tgt Ion:	128	Resp:	7924
Ion	Ratio	Lower	Upper
128	100		
127	21.9	10.4	15.6#
129	29.9	8.6	13.0#

