

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002536.D
 Acq On : 14 Jun 2018 04:28
 Operator : JC/MD
 Sample : J3383-02
 Misc : 6.82g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2R(I-3R)R

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:35 AM

Quant Time: Jun 14 05:15:46 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	272089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	262065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174634	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
35) Dibromofluoromethane	5.51	113	129005	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
50) Toluene-d8	8.72	98	633949	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.15	95	275652	58.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.34%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	2537799	516.567	ug/l #	86
39) Methylcyclohexane	7.46	83	5035084	954.250	ug/l	100
40) Benzene	6.14	78	10439	0.801	ug/l	99
52) Toluene	8.79	92	1967	0.237	ug/l #	55
67) Ethyl Benzene	10.26	91	7137423	423.479	ug/l	97
68) m/p-Xylenes	10.37	106	3080479	470.181	ug/l	96
73) Isopropylbenzene	11.02	105	913472	50.107	ug/l	100
78) n-propylbenzene	11.37	91	4741616	234.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3966274	253.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	14139516	878.439	ug/l	70
85) sec-Butylbenzene	11.95	105	335941m	18.819	ug/l	
86) p-Isopropyltoluene	12.07	119	136175	8.375	ug/l #	77
95) Naphthalene	13.84	128	2920800	153.120	ug/l	98

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

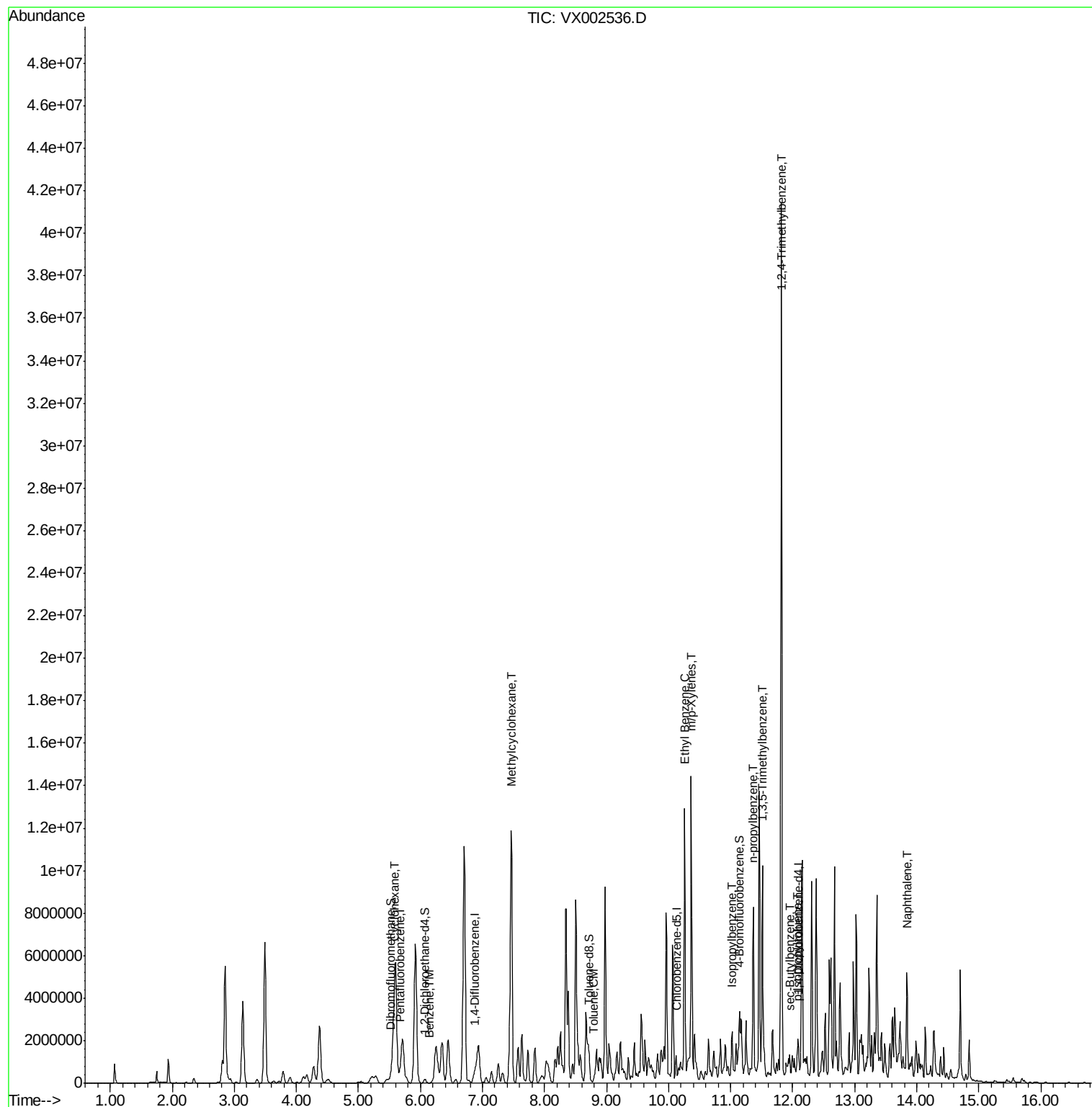
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002536.D
Acq On : 14 Jun 2018 04:28
Operator : JC/MD
Sample : J3383-02
Misc : 6.82g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 39 Sample Multiplier: 1

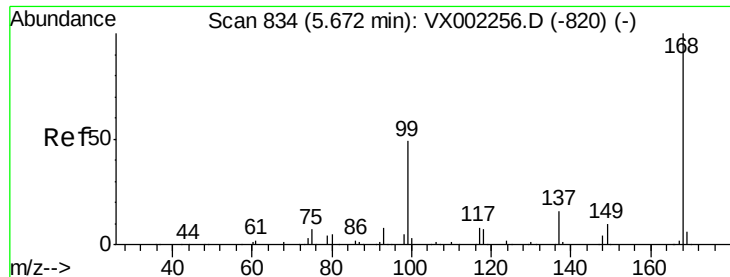
Instrument :
MSVOA_X
ClientSampleId :
B-2R(I-3R)R

Manual Integrations
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6/14/2018 11:29:35 AM

Quant Time: Jun 14 05:15:46 2018
Quant Method : Z:\V0ASRV\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: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

B-2R(I-3R)R

Tot Ion:168 Resp: 272089

Ion Ratio Lower Upper

168 100

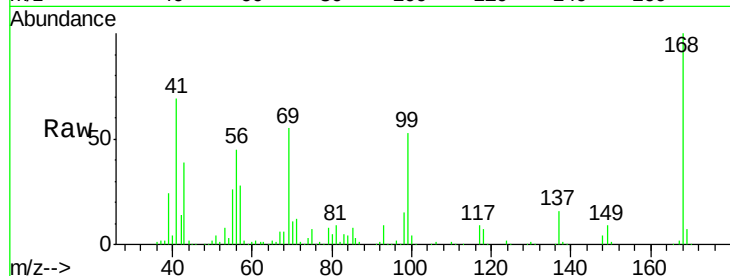
99 52.5 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

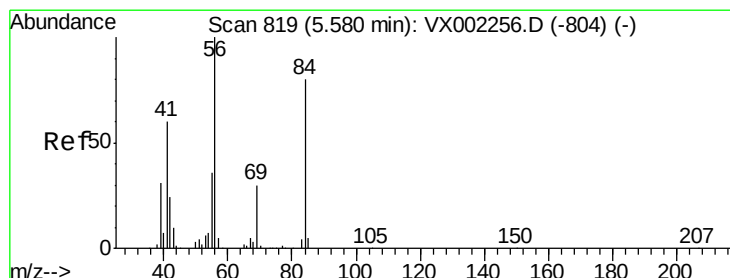
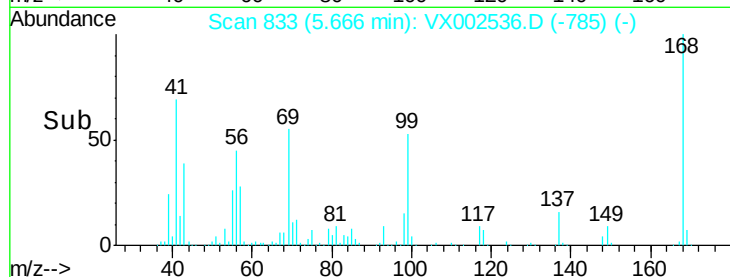
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 516.567 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

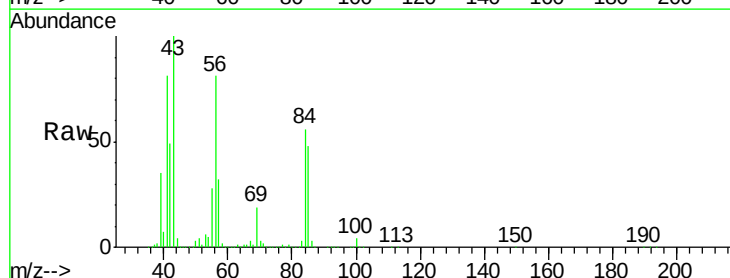
Tgt Ion: 56 Resp: 2537799

Ion Ratio Lower Upper

56 100

69 18.7 23.7 35.5#

84 69.4 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

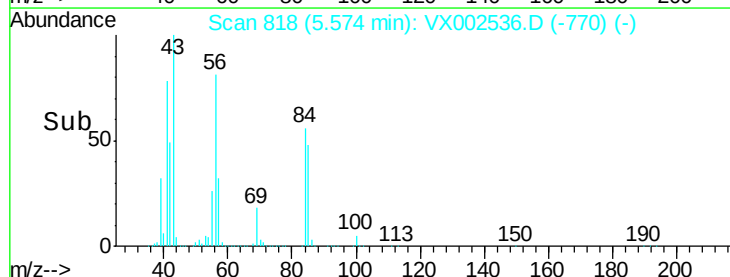
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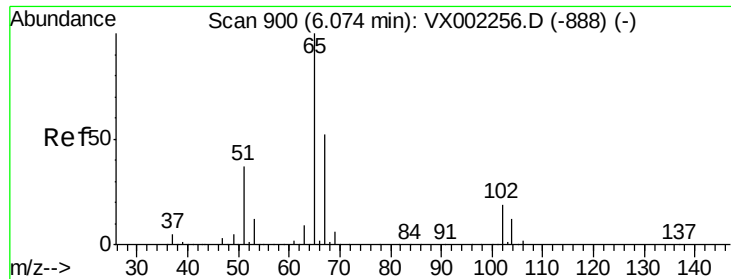
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200000

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Time-->





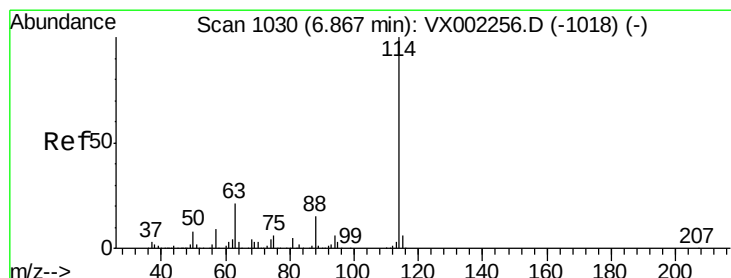
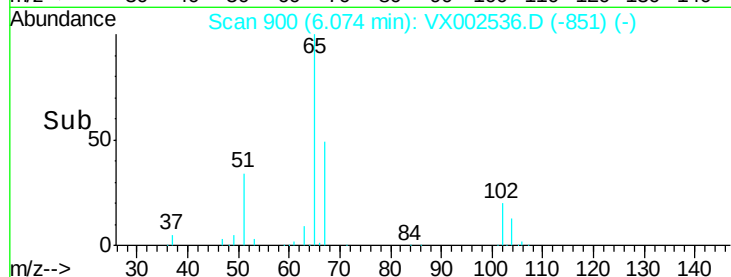
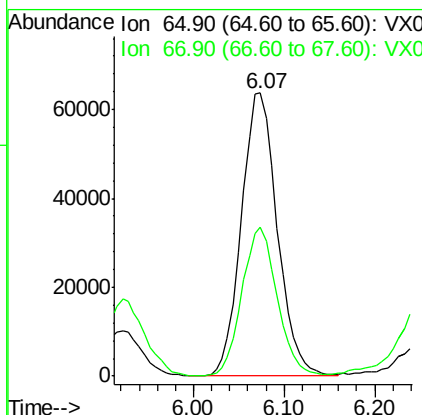
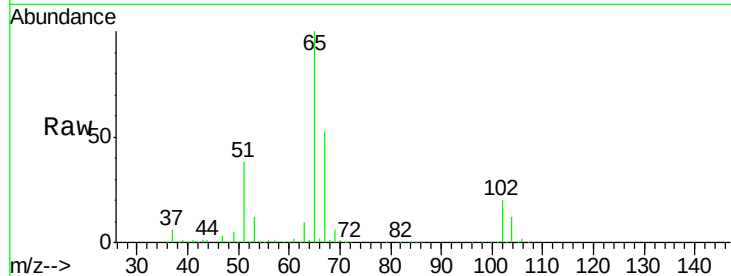
#33
 1,2-Dichloroethane-d4
 Concen: 44.503 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2R(I-3R)R

Tot Ion	Ratio	Resp	Lower	Upper
65	100	174634		
67	51.3	0.0	102.6	

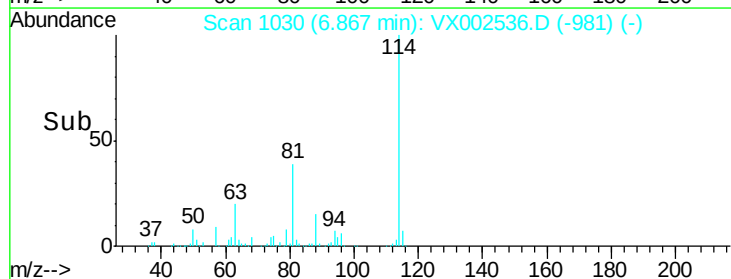
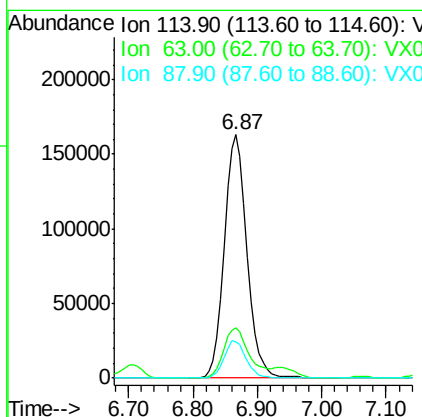
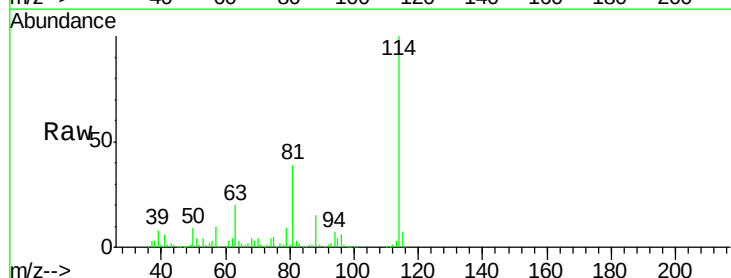
Manual Integrations
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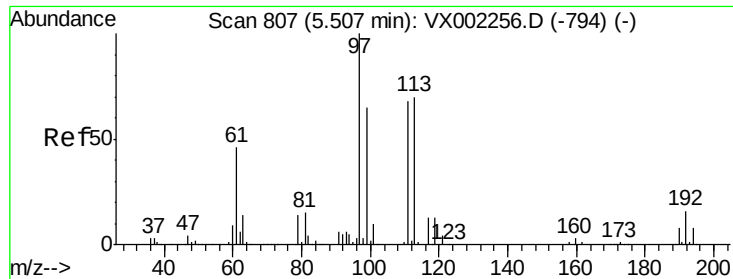
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	404234		
63	20.4	0.0	41.4	
88	14.7	0.0	30.0	





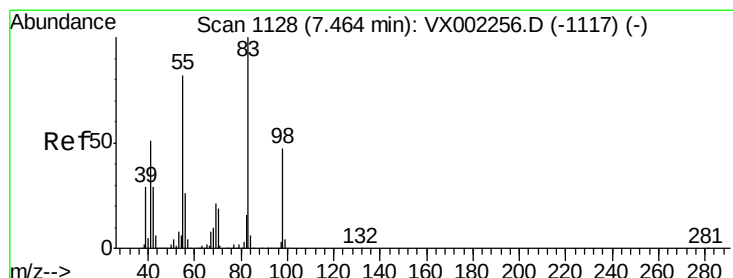
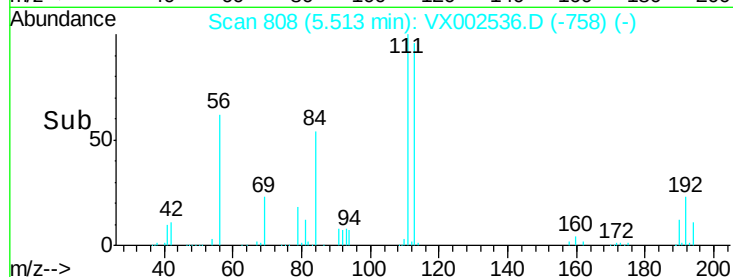
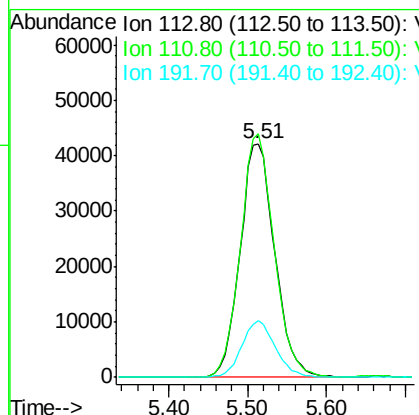
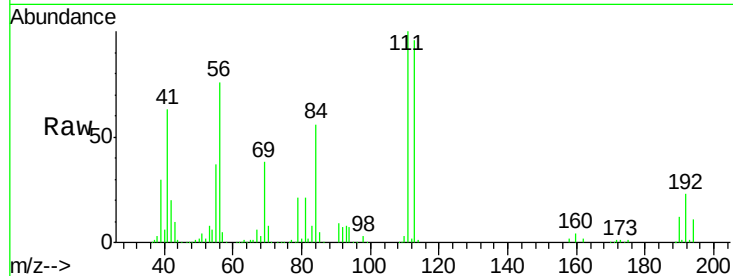
#35
Dibromofluoromethane
Concen: 40.581 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :
B-2R(I-3R)R

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129005		
111	101.4	81.4	122.0	
192	23.5	19.1	28.7	

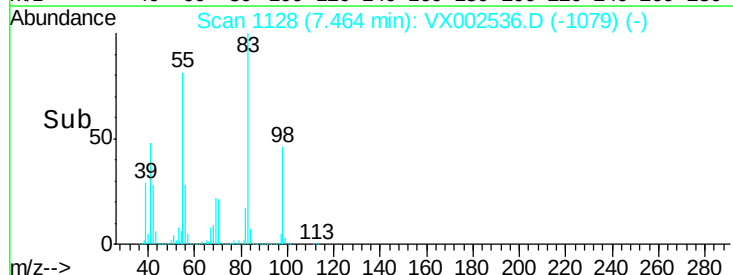
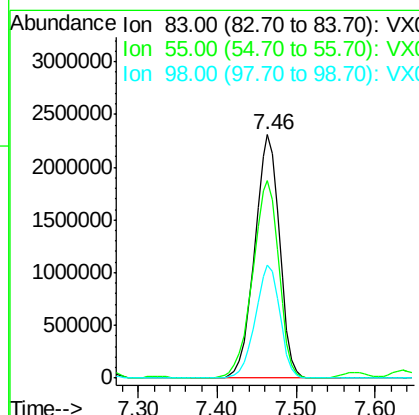
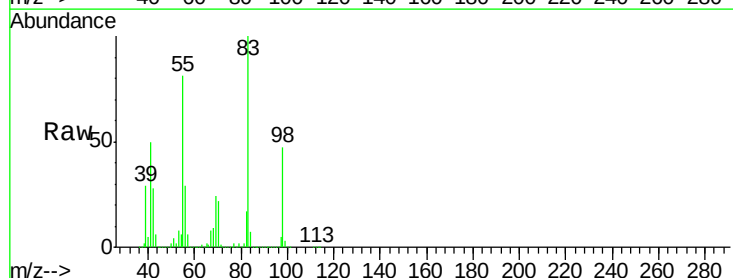
Manual Integrations
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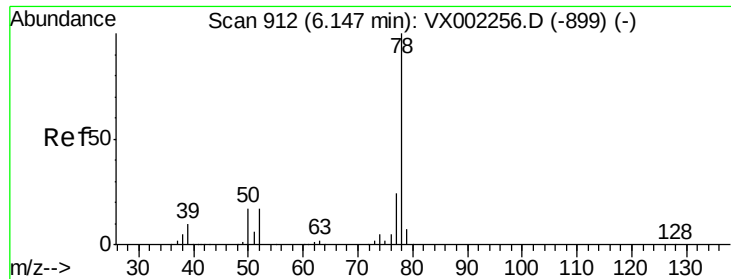
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#39
Methylcyclohexane
Concen: 954.250 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	5035084		
55	81.2	65.4	98.0	
98	46.5	37.4	56.0	





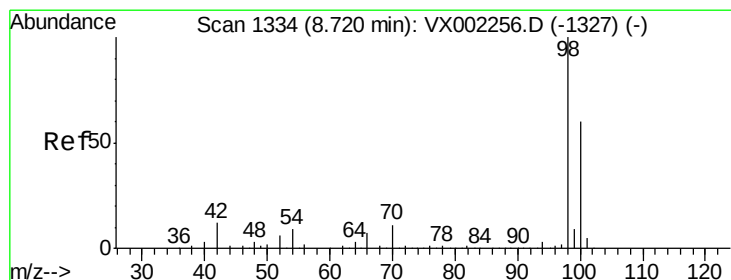
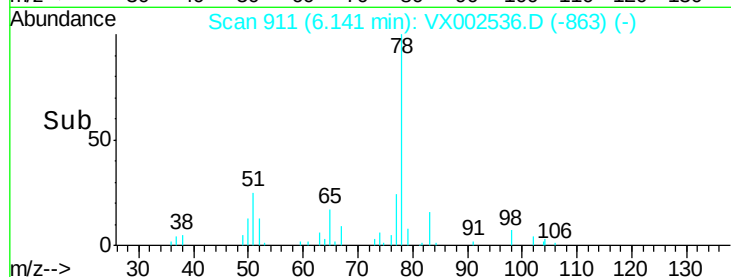
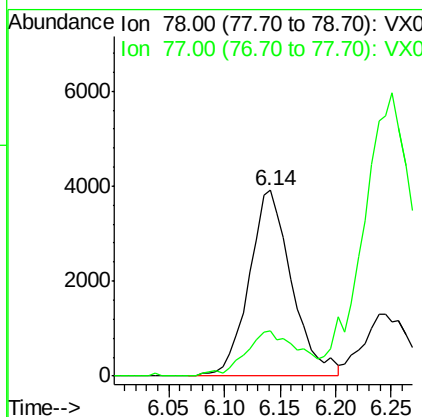
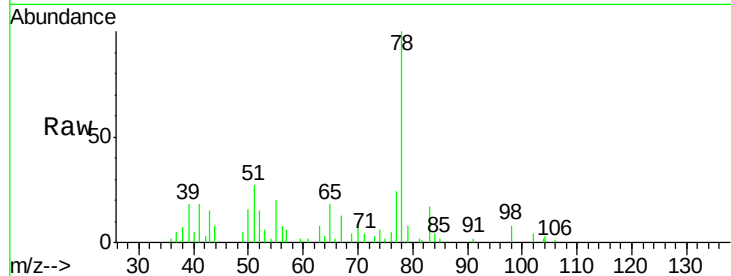
#40
Benzene
Concen: 0.801 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :
B-2R(I-3R)R

Tot Ion: 78 Resp: 10439
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

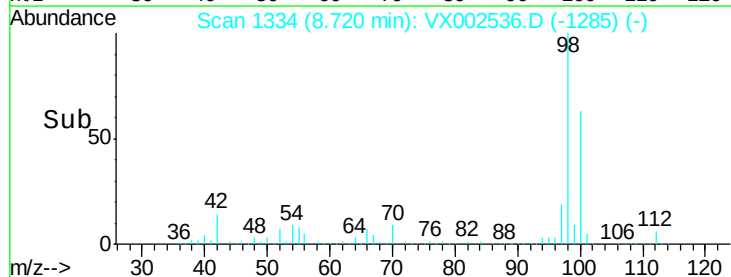
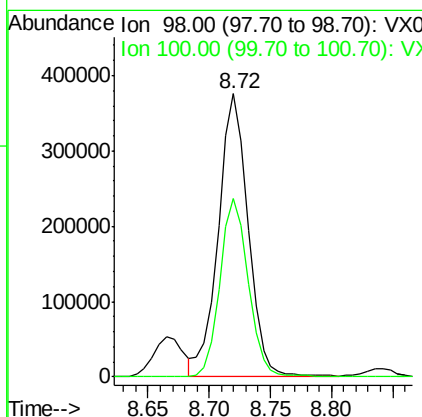
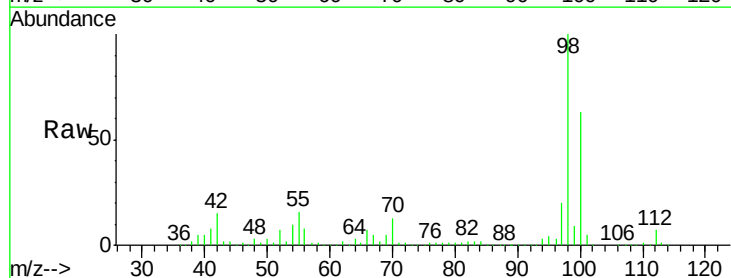
Manual Integrations
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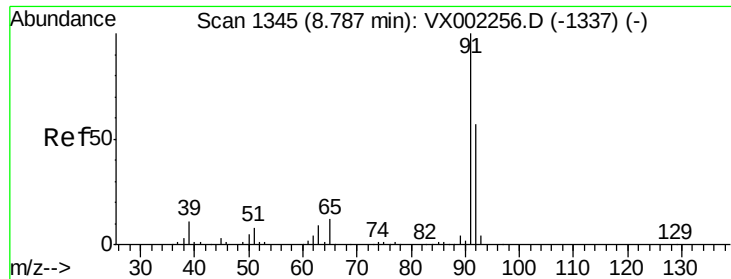
MMDadoda
6/14/2018 11:29:35 AM



#50
Toluene-d8
Concen: 52.028 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 98 Resp: 633949
Ion Ratio Lower Upper
98 100
100 60.4 50.9 76.3





#52

Toluene

Concen: 0.237 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

B-2R(I-3R)R

Tot Ion: 92 Resp: 1967

Ion Ratio Lower Upper

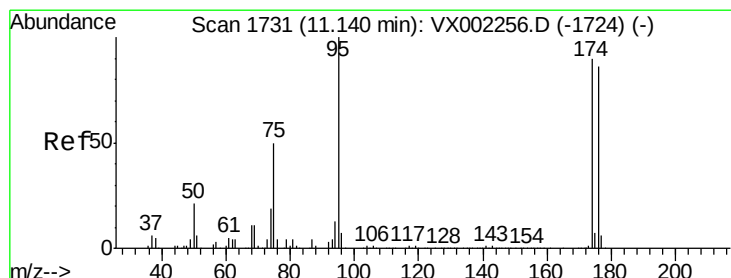
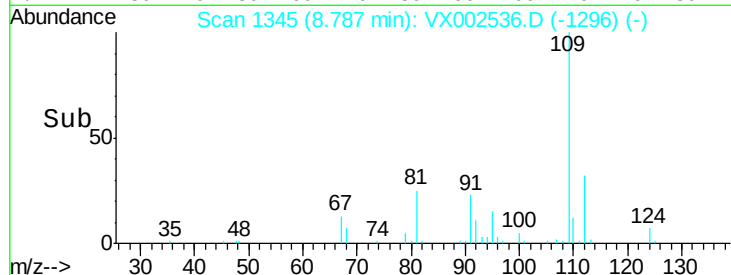
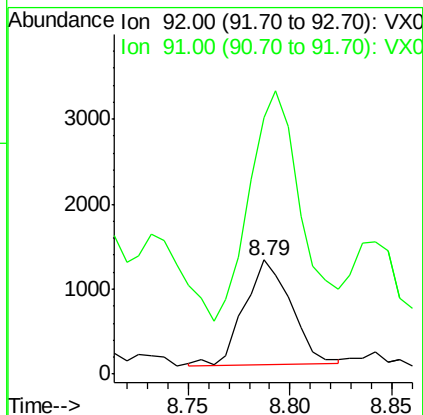
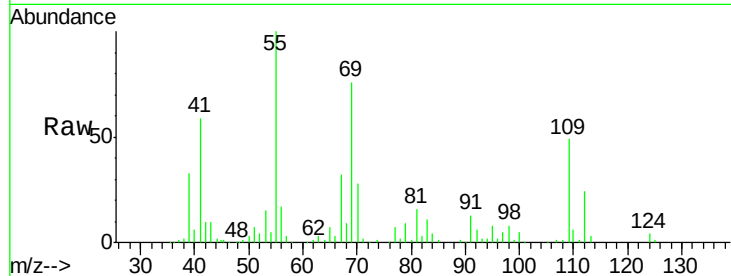
92 100

91 238.9 140.4 210.6#

Manual Integrations
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6/14/2018 11:29:35 AM



#62

4-Bromofluorobenzene

Concen: 58.667 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

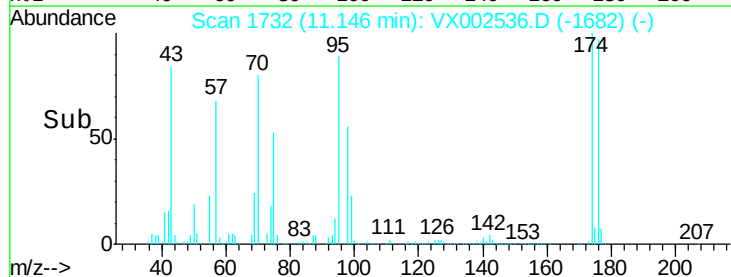
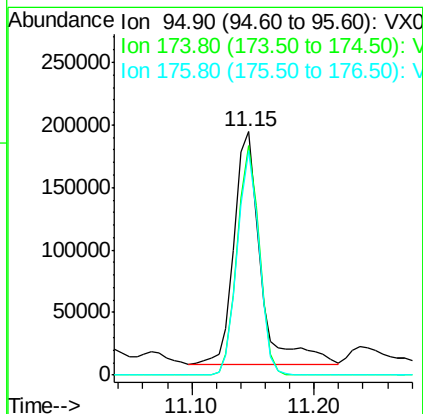
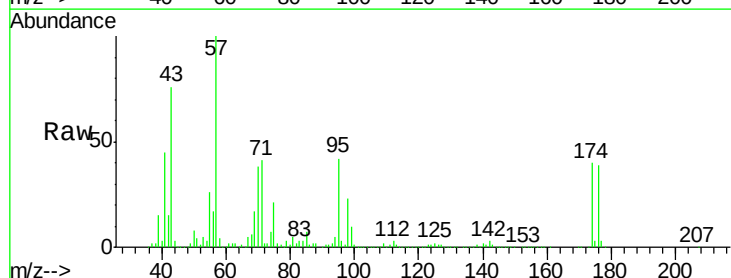
Tgt Ion: 95 Resp: 275652

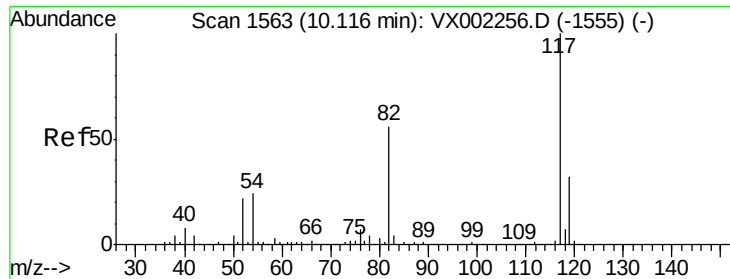
Ion Ratio Lower Upper

95 100

174 83.1 0.0 187.4

176 80.3 0.0 181.0





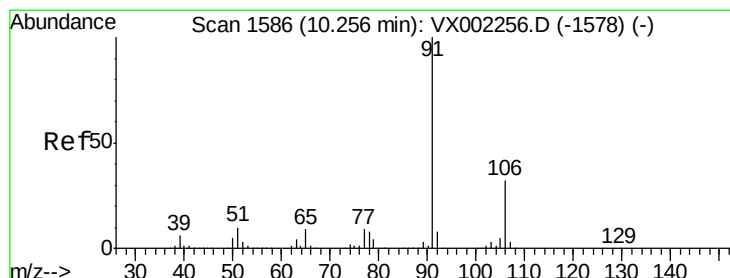
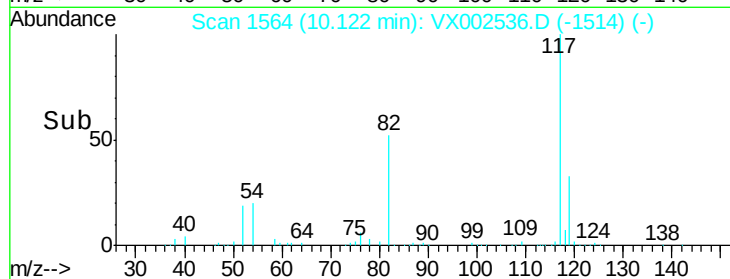
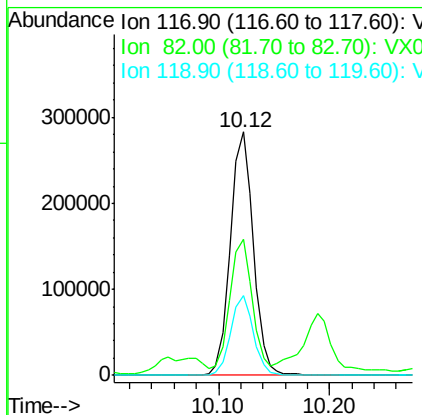
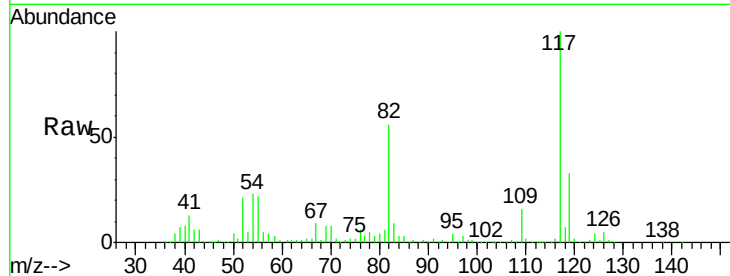
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :
B-2R(I-3R)R

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	45.0	67.4
119	32.7	25.8	38.6

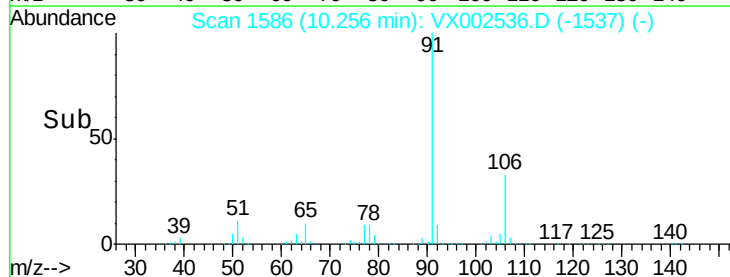
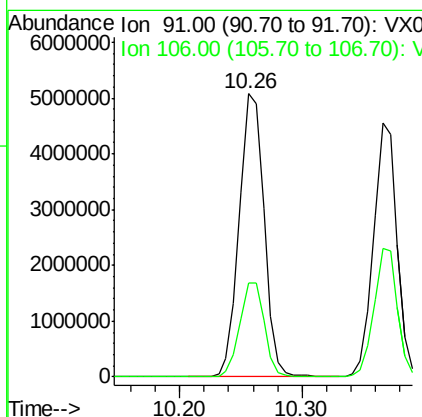
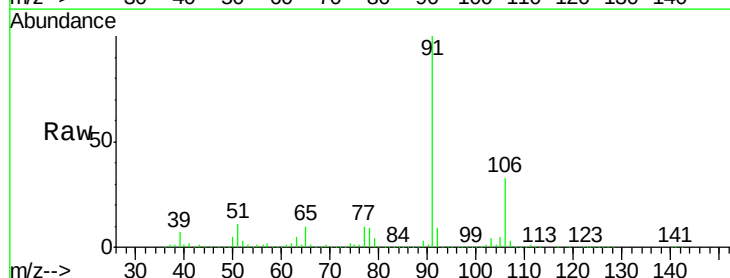
Manual Integrations
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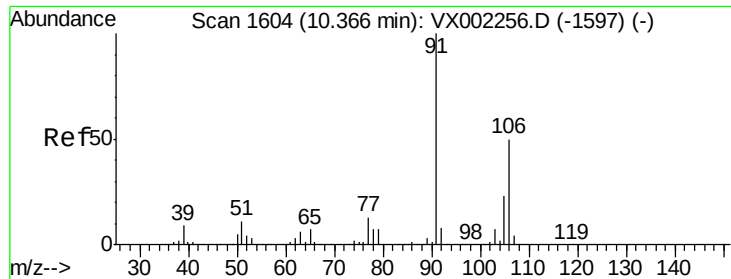
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6/14/2018 11:29:35 AM



#67
Ethyl Benzene
Concen: 423.479 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.4	25.5	38.3





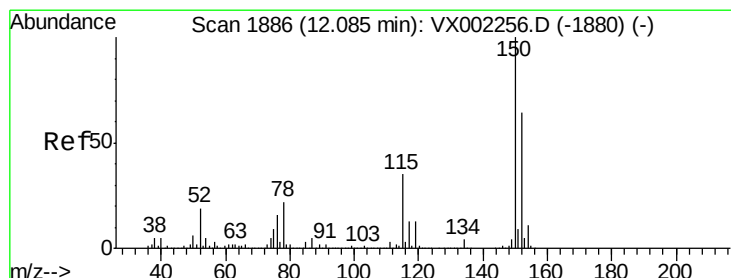
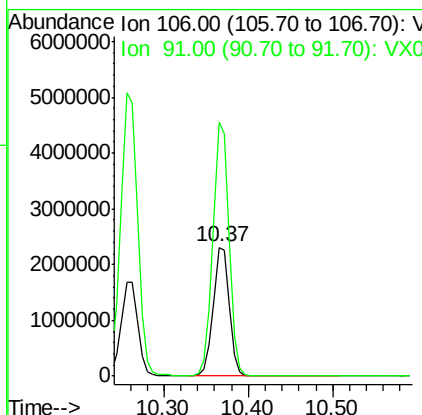
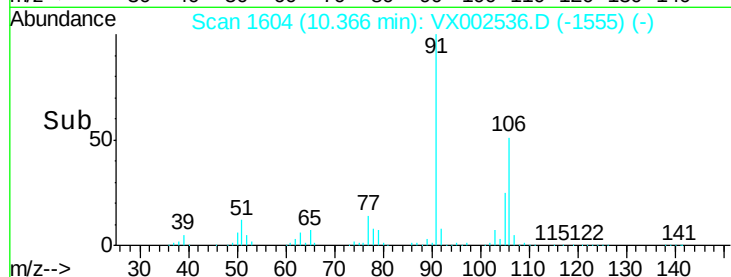
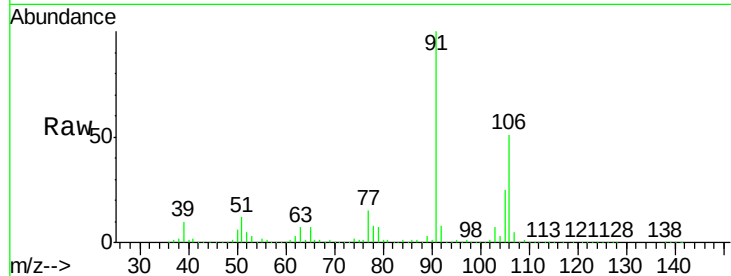
#68
m/p-Xvlenes
Concen: 470.181 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :
B-2R(I-3R)R

Tot Ion:106 Resp: 3080479
Ion Ratio Lower Upper
106 100
91 197.7 163.4 245.2

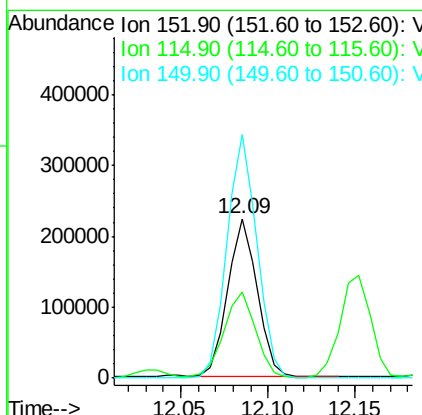
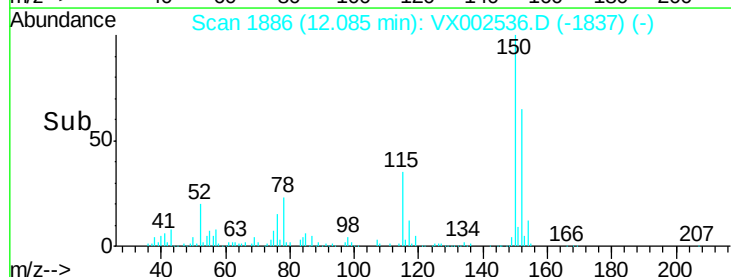
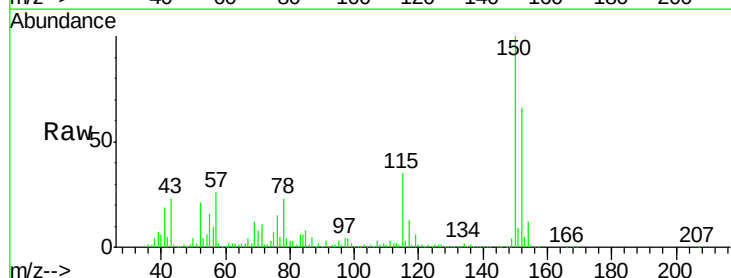
Manual Integrations
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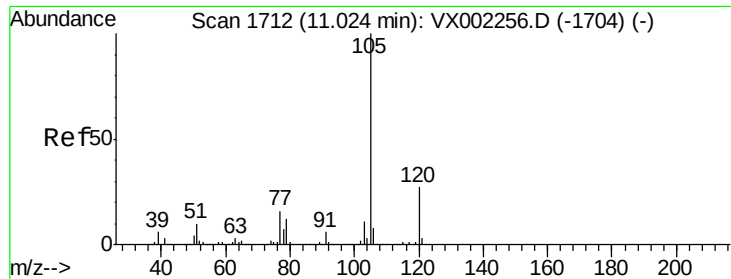
MMDadoda
6/14/2018 11:29:35 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion:152 Resp: 262065
Ion Ratio Lower Upper
152 100
115 58.5 40.1 120.2
150 156.5 0.0 347.2





#73

Isopropylbenzene

Concen: 50.107 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

B-2R(I-3R)R

Tot Ion:105 Resp: 913472

Ion Ratio Lower Upper

105 100

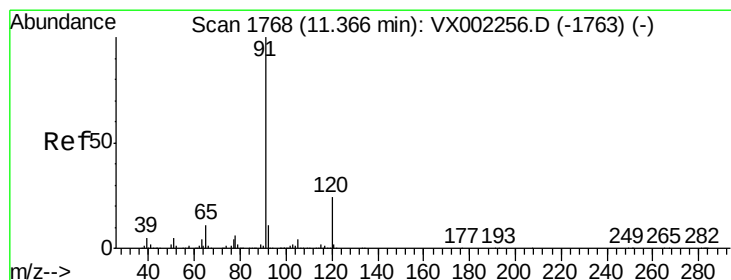
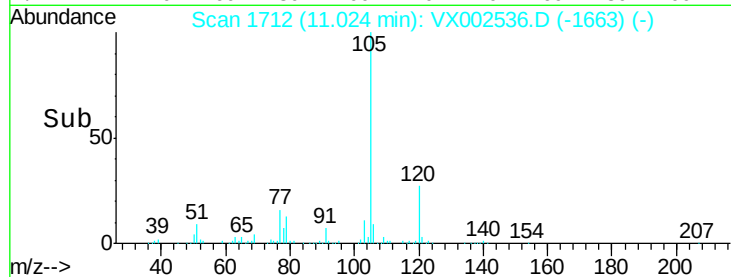
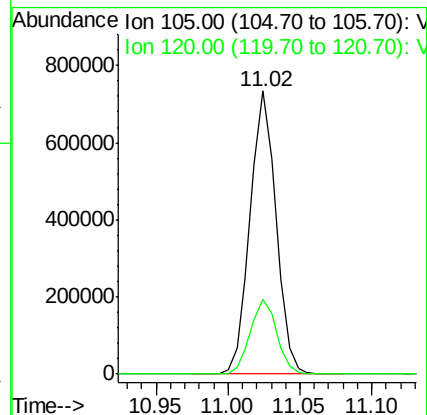
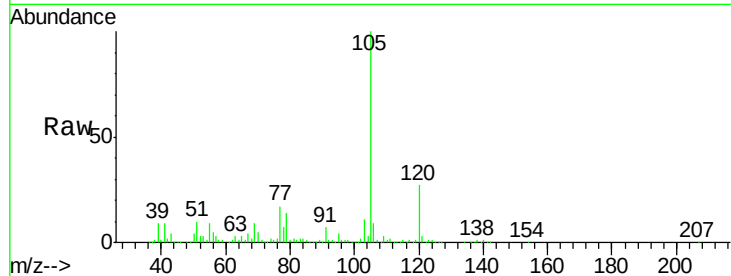
120 26.9 13.5 40.4

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#78

n-propylbenzene

Concen: 234.006 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002536.D

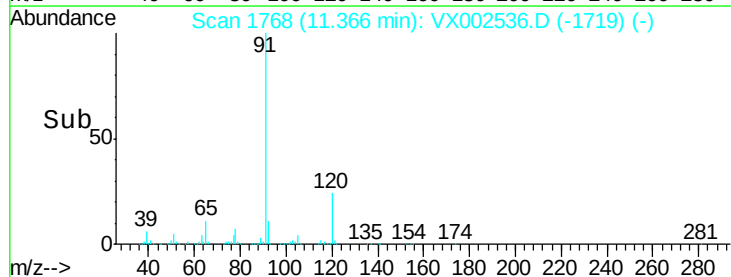
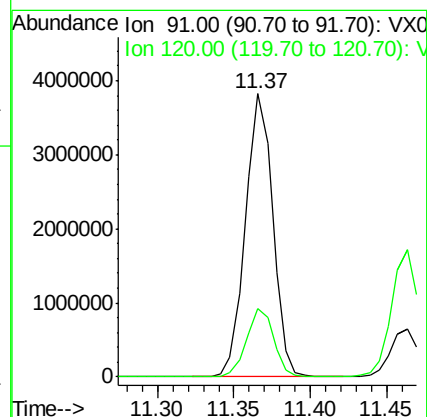
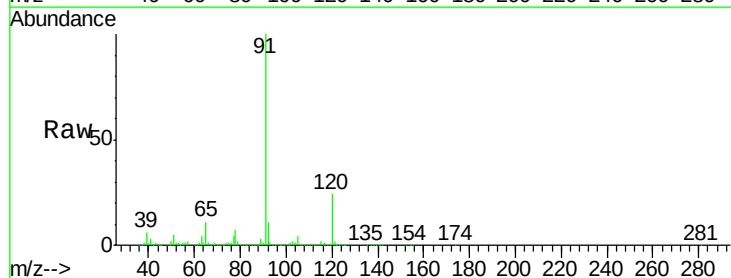
Acq: 14 Jun 2018 04:28

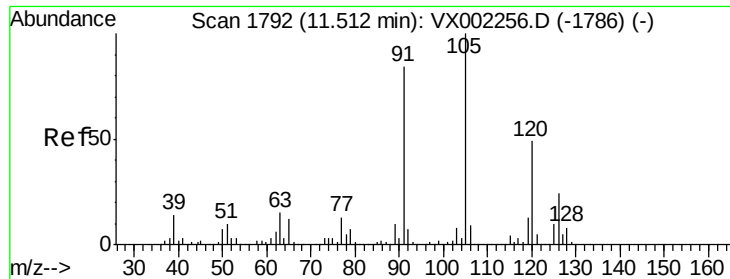
Tgt Ion: 91 Resp: 4741616

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4





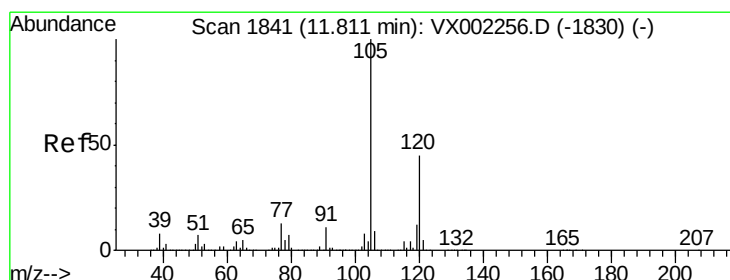
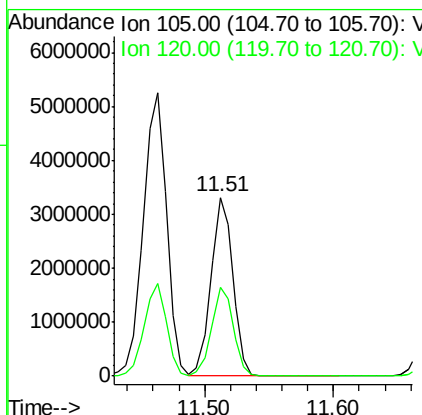
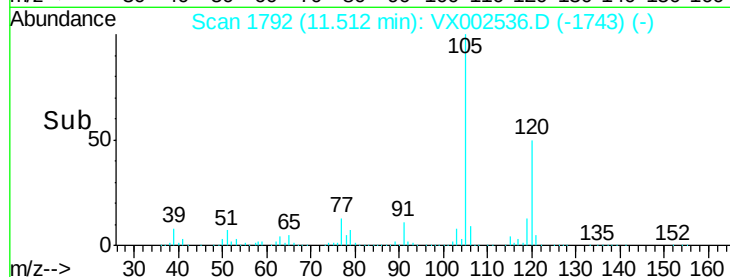
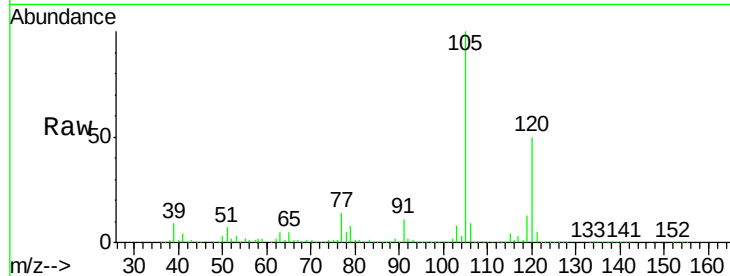
#80
 1,3,5-Trimethylbenzene
 Concen: 253.653 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2R(I-3R)R

Tot Ion:105 Resp: 3966274
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4

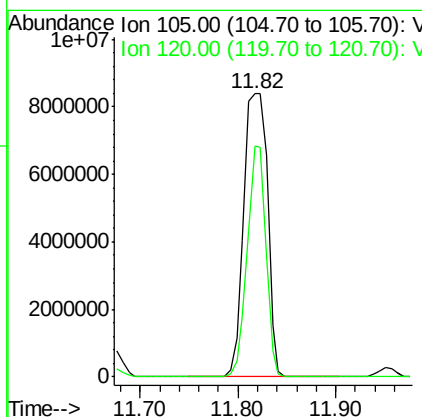
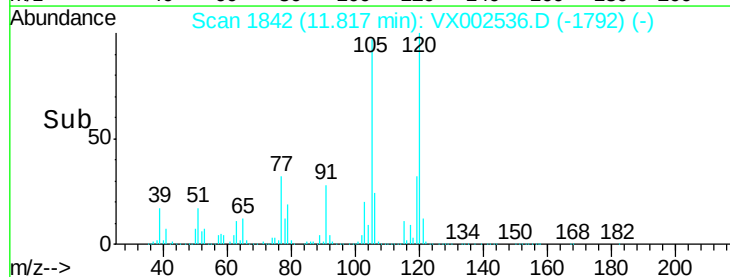
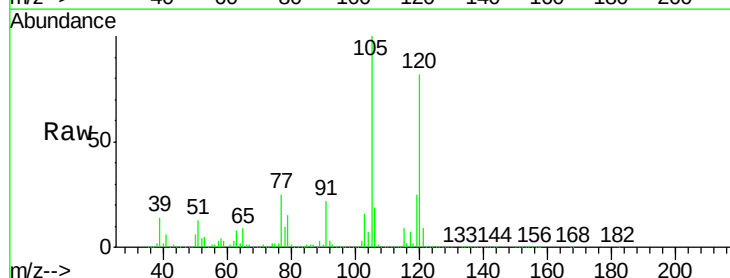
Manual Integrations
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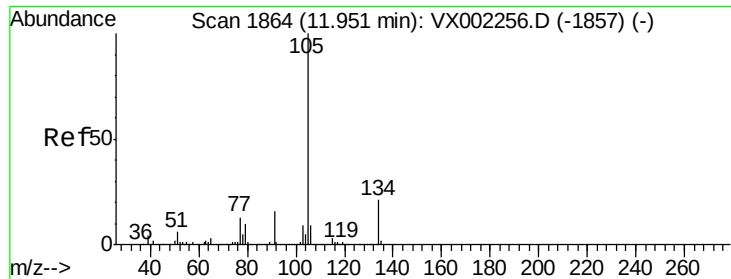
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 6/14/2018 11:29:35 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 878.439 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion:105 Resp:14139516
 Ion Ratio Lower Upper
 105 100
 120 64.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 18.819 ug/l m

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampled :

B-2R(I-3R)R

Tot Ion:105 Resp: 335941

Ion Ratio Lower Upper

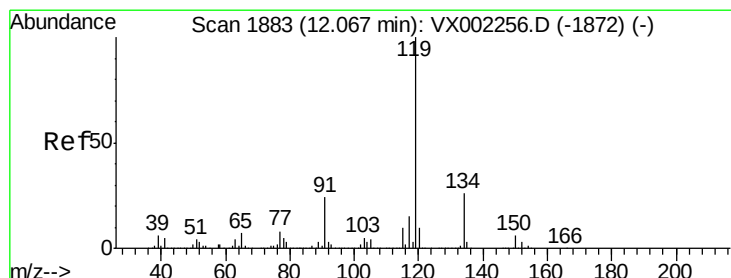
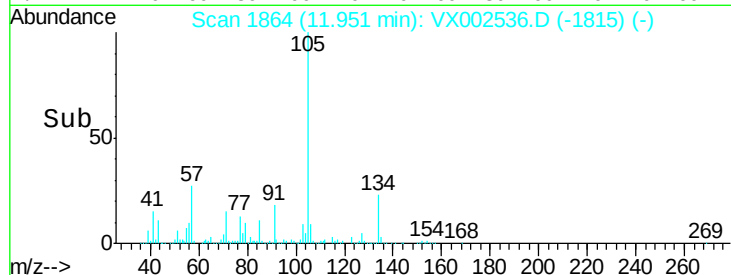
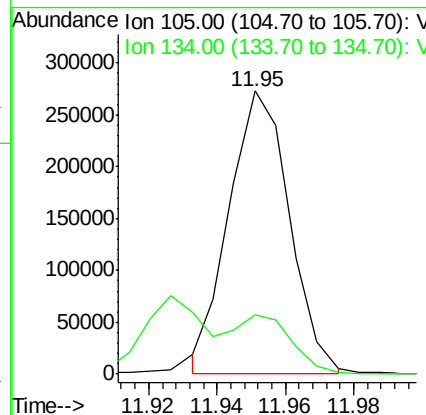
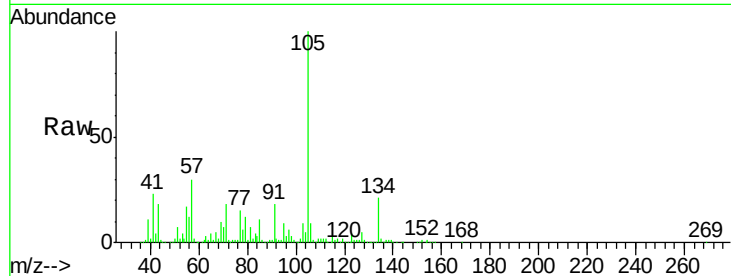
105 100

134 0.0 10.4 31.1#

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 8.375 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

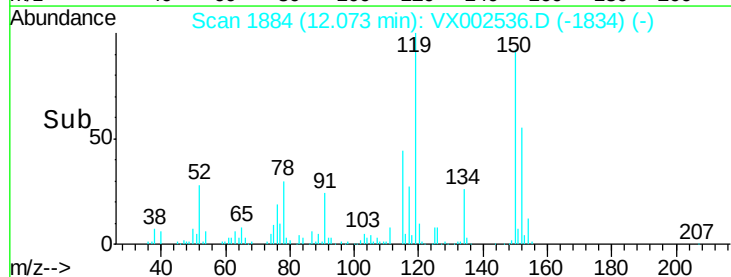
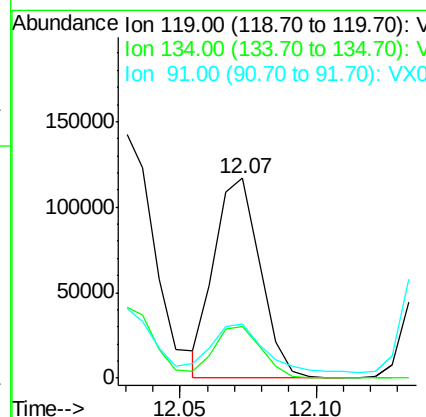
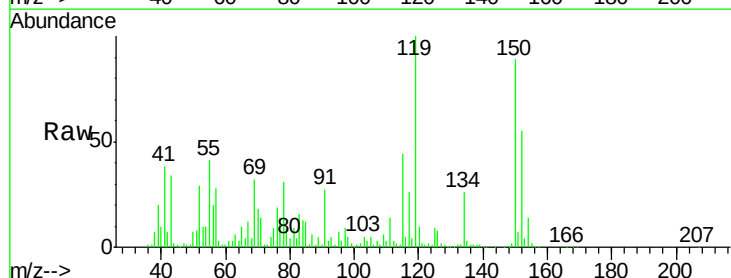
Tgt Ion:119 Resp: 136175

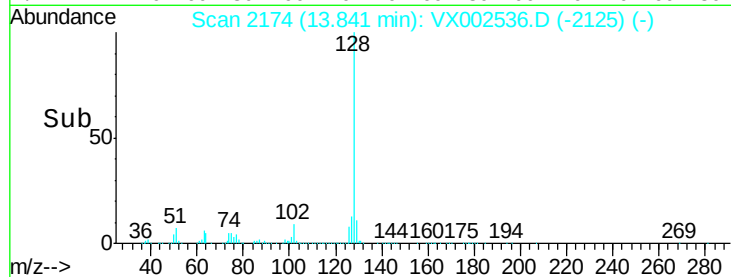
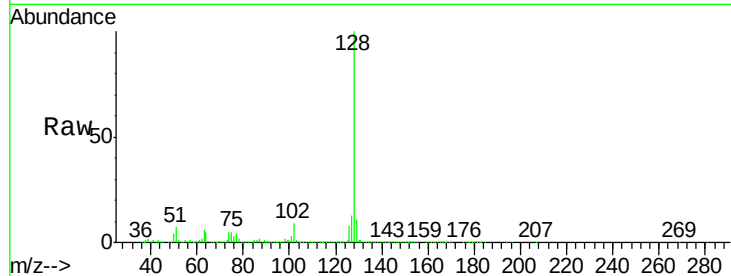
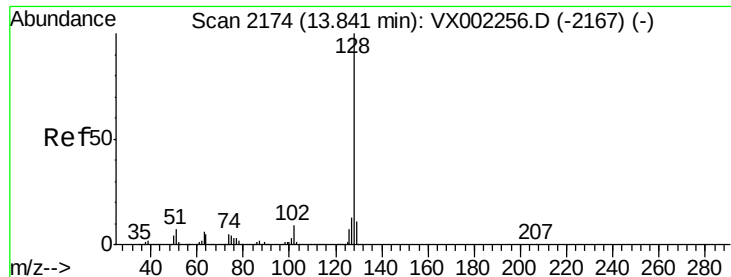
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 0.0 11.9 35.7#





#95
Naphthalene
Concen: 153.120 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	12.0	8.6	13.0

Instrument :
MSVOA_X
ClientSampleId :
B-2R(I-3R)R

Manual Integrations
APPROVED

MMDadoda
6/14/2018 11:29:35 AM

