

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002530.D
 Acq On : 14 Jun 2018 01:48
 Operator : JC/MD
 Sample : J3383-16ME
 Misc : 5.87g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04RME

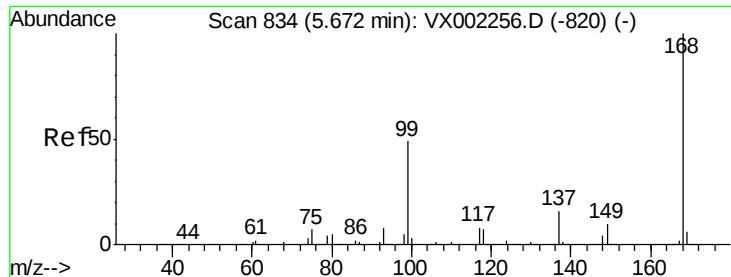
Manual Integrations
 APPROVED

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 6/14/2018 11:29:29 AM

Quant Time: Jun 14 04:26:59 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	248435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	238040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158323	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
35) Dibromofluoromethane	5.51	113	116529	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
50) Toluene-d8	8.72	98	515402	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.15	95	220469	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.56	56	585889	130.612	ug/l #	93
39) Methylcyclohexane	7.46	83	1067723	231.515	ug/l	98
40) Benzene	6.13	78	50023	4.388	ug/l	97
52) Toluene	8.79	92	13041	1.799	ug/l	96
67) Ethyl Benzene	10.26	91	3179450	215.528	ug/l	100
68) m/p-Xylenes	10.37	106	636611	111.015	ug/l	99
69) o-Xylene	10.70	106	8128	1.424	ug/l	82
73) Isopropylbenzene	11.02	105	324996	19.626	ug/l	100
78) n-propylbenzene	11.37	91	1762628	95.768	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	560745	39.480	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	3805884	260.311	ug/l	97
85) sec-Butylbenzene	11.95	105	133363	8.225	ug/l #	56
86) p-Isopropyltoluene	12.07	119	60369	4.088	ug/l	93
89) n-Butylbenzene	12.39	91	387170m	31.257	ug/l	
95) Naphthalene	13.84	128	1668428	96.294	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

SB-04RME

Tot Ion:168 Resp: 248435

Ion Ratio Lower Upper

168 100

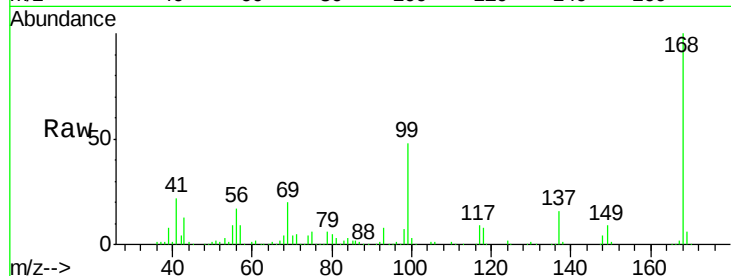
99 47.6 39.3 58.9

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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

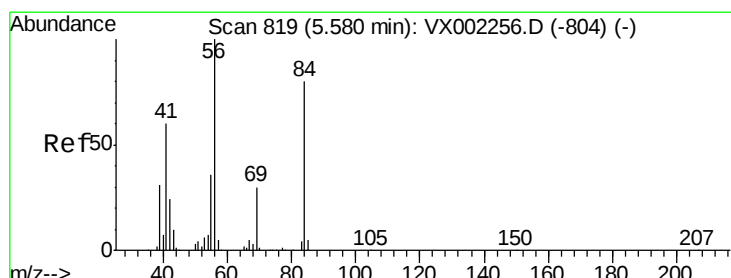
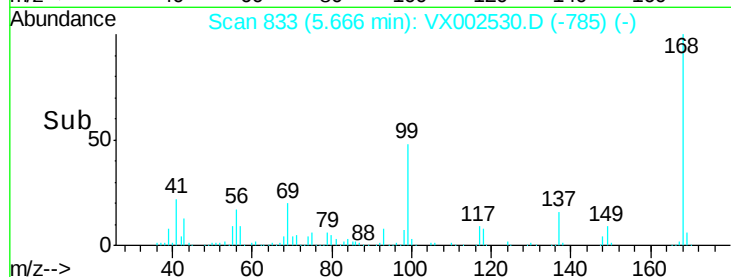
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 130.612 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.02 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

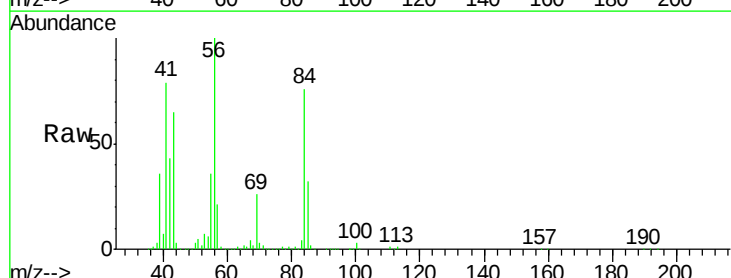
Tgt Ion: 56 Resp: 585889

Ion Ratio Lower Upper

56 100

69 21.8 23.7 35.5#

84 76.6 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

5.56

200000

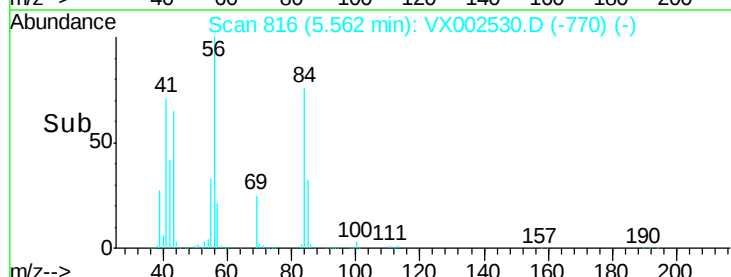
150000

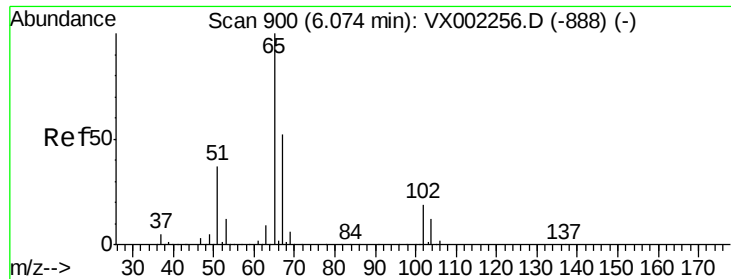
100000

50000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.161 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

SB-04RME

Tot Ion: 65 Resp: 158323

Ion Ratio Lower Upper

65 100

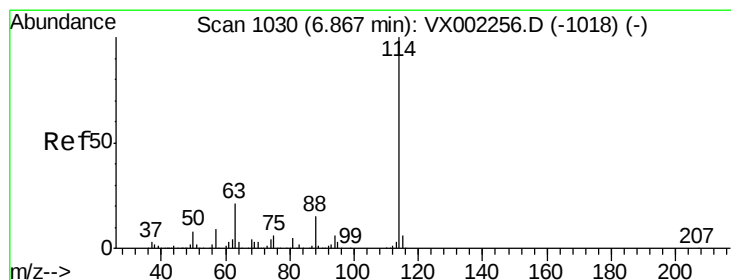
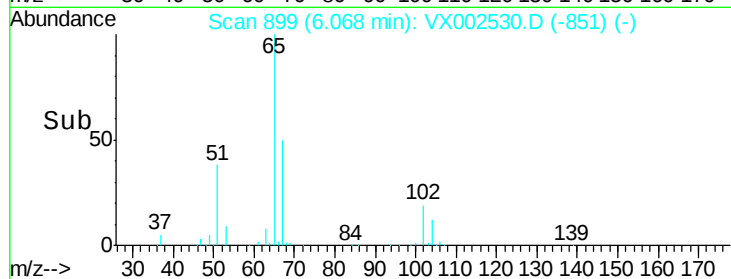
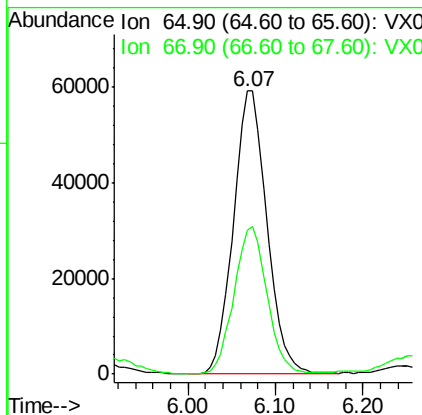
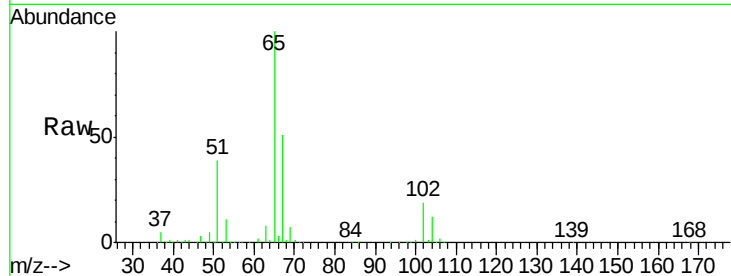
67 50.9 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

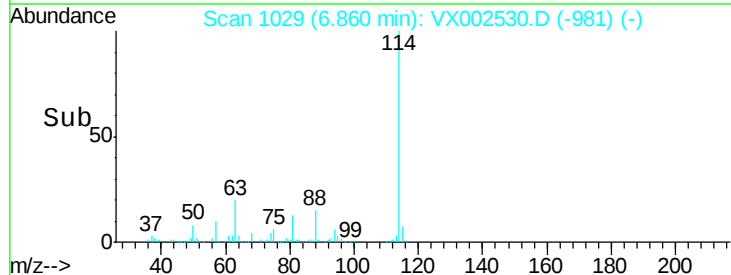
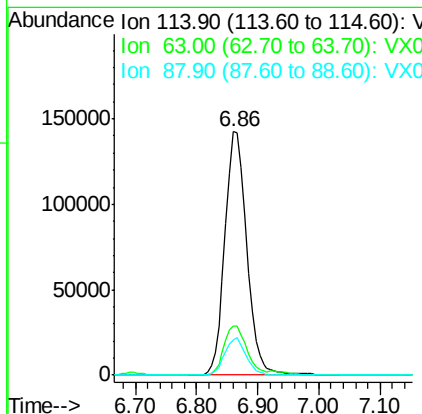
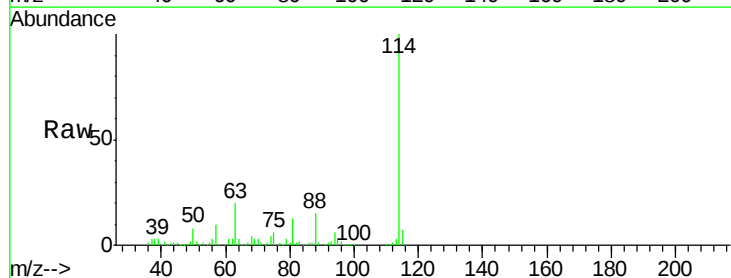
Tgt Ion: 114 Resp: 353623

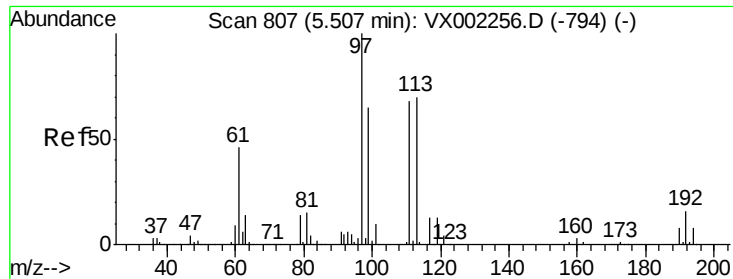
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 41.903 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Instrument :

MSVOA_X

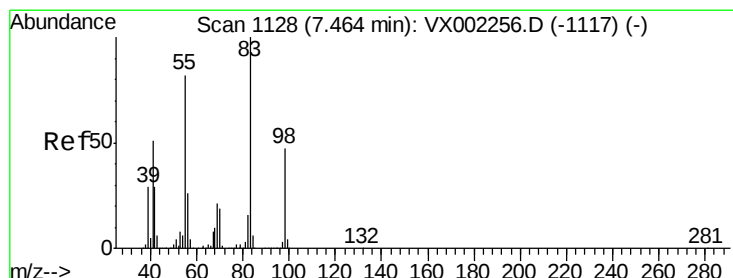
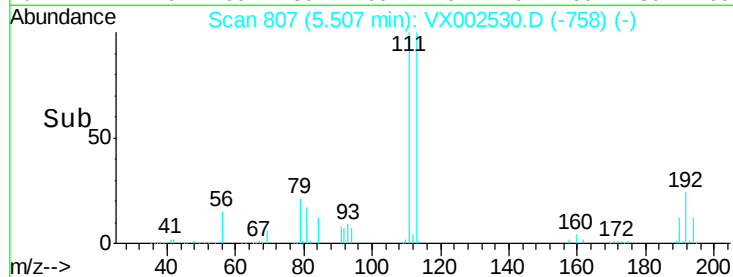
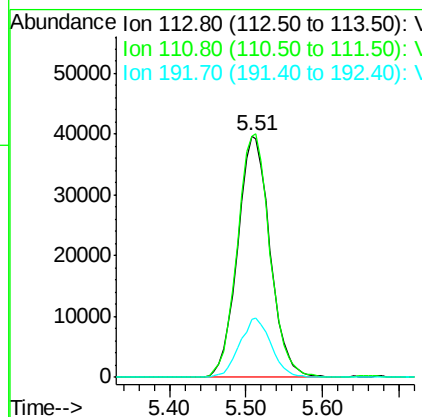
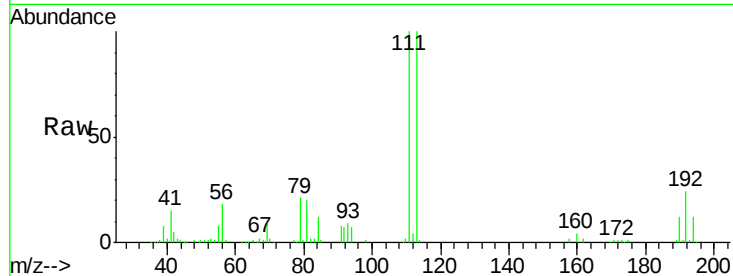
ClientSampled :

SB-04RME

Tot Ion:	113	Resp:	116529
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.0
192	24.0	19.1	28.7

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#39

Methylcyclohexane

Concen: 231.515 ug/l

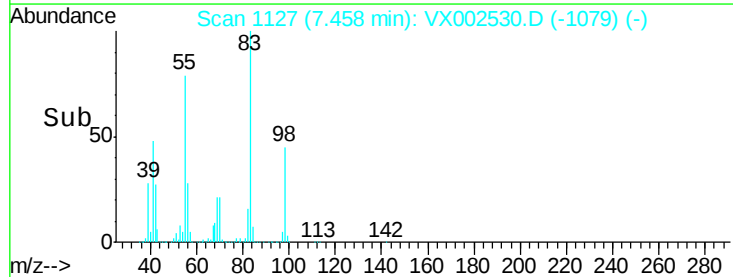
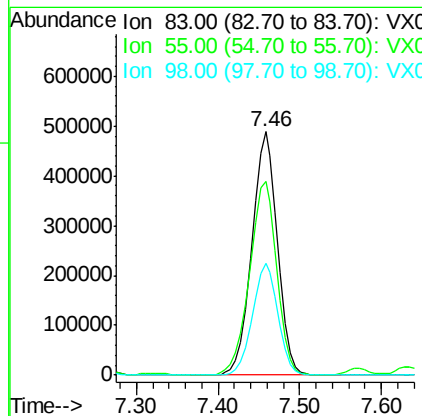
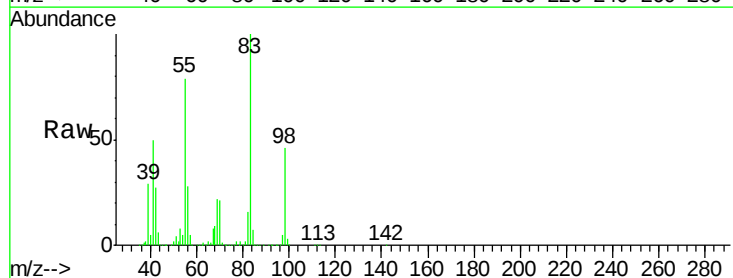
RT: 7.46 min Scan# 1127

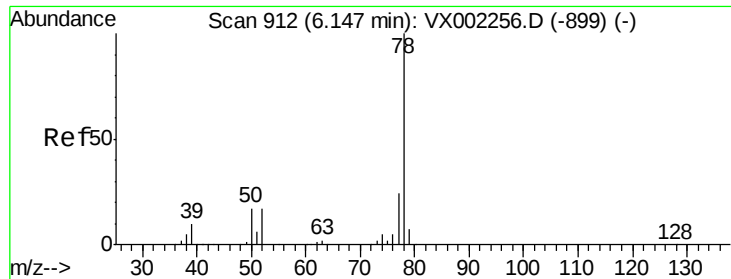
Delta R.T. -0.01 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Tgt Ion:	83	Resp:	1067723
Ion Ratio	Lower	Upper	
83	100		
55	79.4	65.4	98.0
98	46.1	37.4	56.0





#40

Benzene

Concen: 4.388 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

SB-04RME

Tot Ion: 78 Resp: 50023

Ion Ratio Lower Upper

78 100

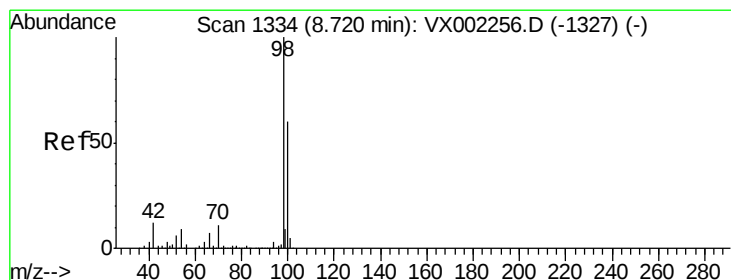
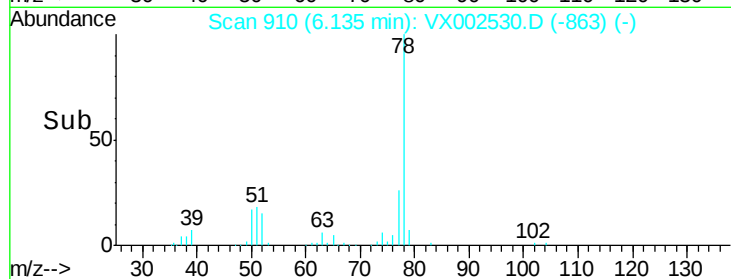
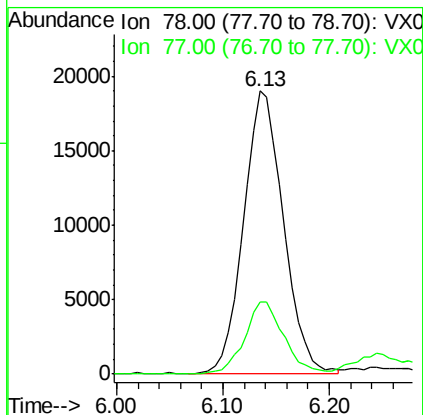
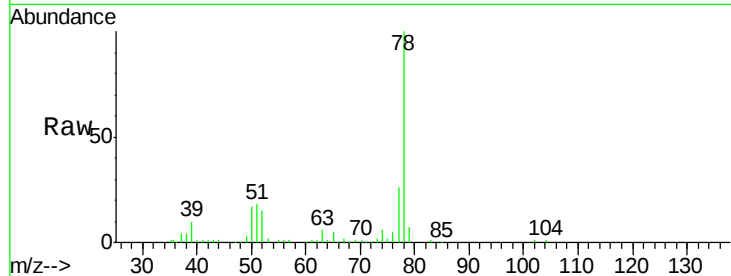
77 25.6 19.1 28.7

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#50

Toluene-d8

Concen: 48.353 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002530.D

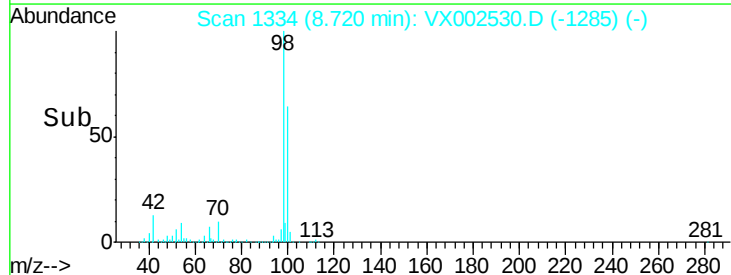
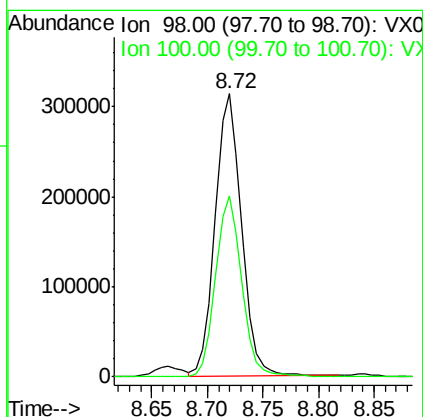
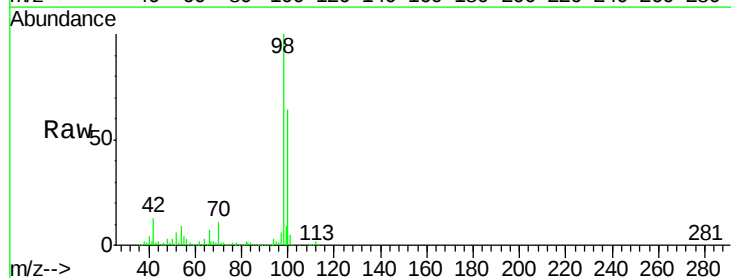
Acq: 14 Jun 2018 01:48

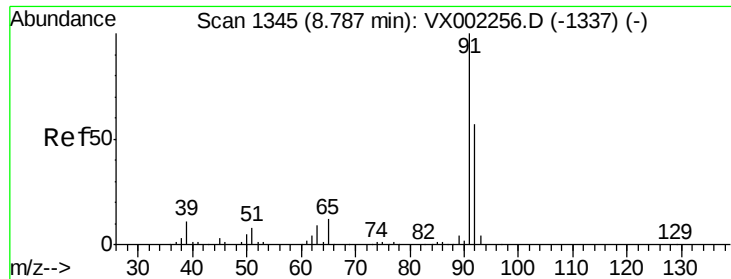
Tgt Ion: 98 Resp: 515402

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3





#52

Toluene

Concen: 1.799 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

SB-04RME

Tot Ion: 92 Resp: 13041

Ion Ratio Lower Upper

92 100

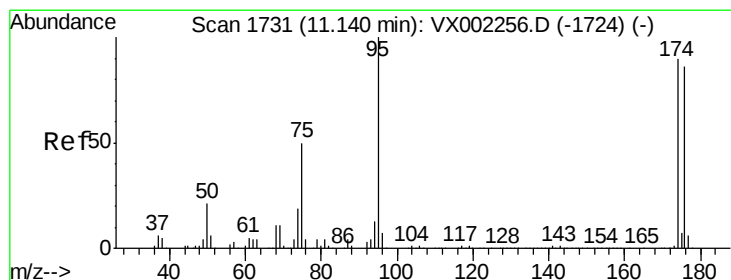
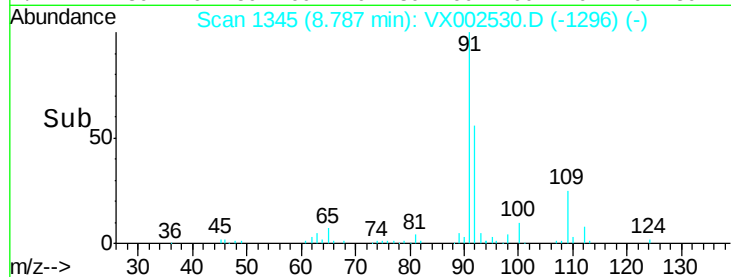
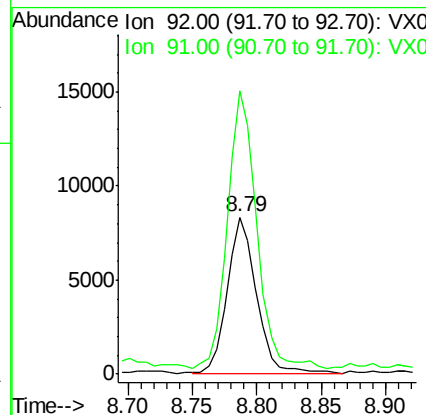
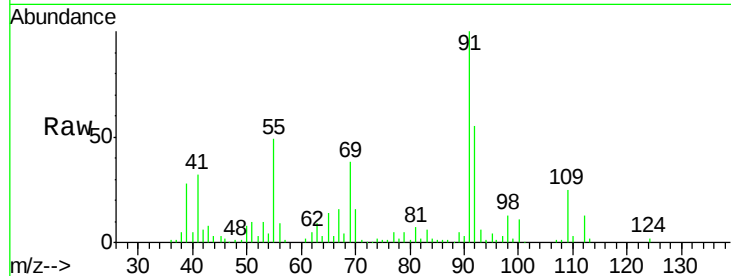
91 180.7 140.4 210.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.638 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

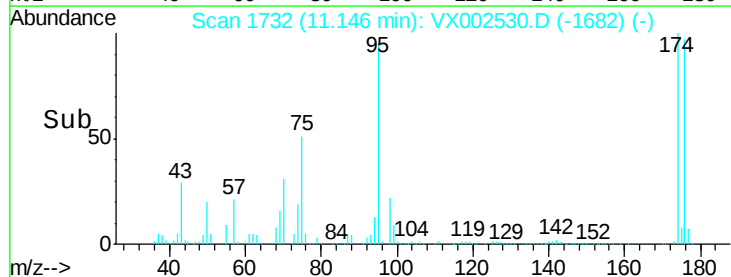
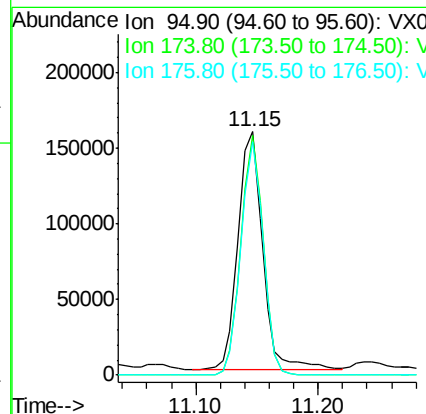
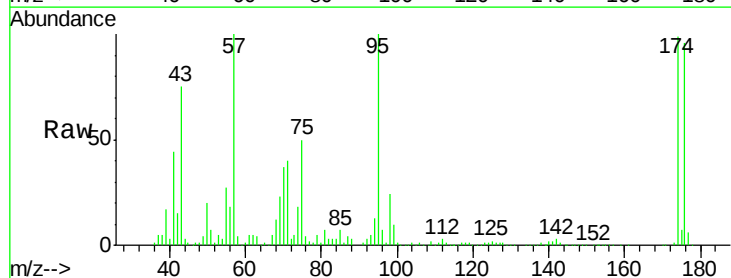
Tgt Ion: 95 Resp: 220469

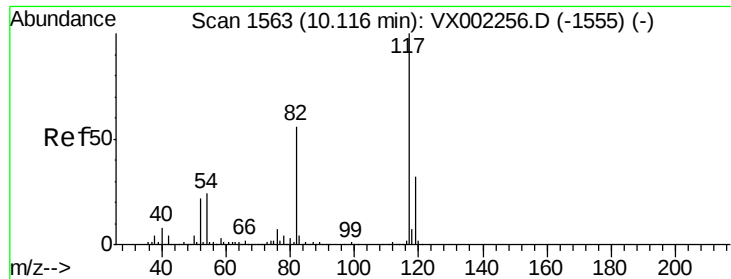
Ion Ratio Lower Upper

95 100

174 90.0 0.0 187.4

176 88.2 0.0 181.0





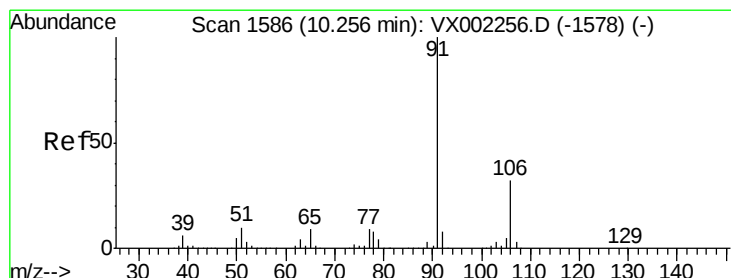
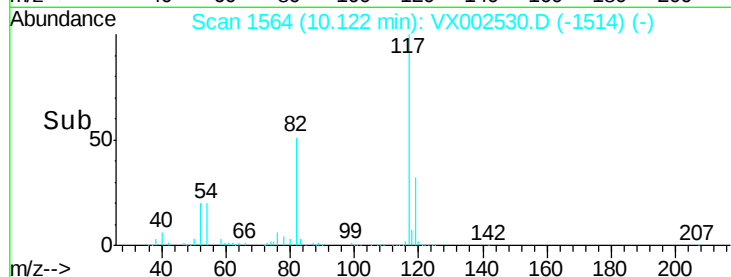
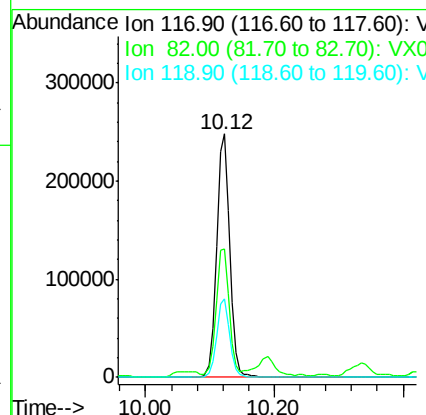
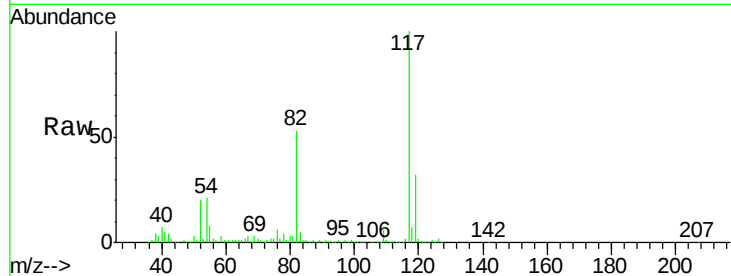
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002530.D
Acq: 14 Jun 2018 01:48

Instrument :
MSVOA_X
ClientSampleId :
SB-04RME

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	45.0	67.4
119	32.2	25.8	38.6

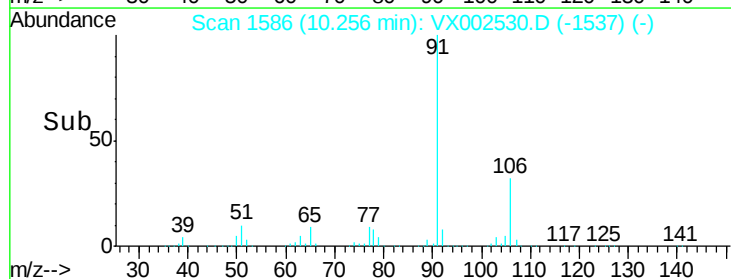
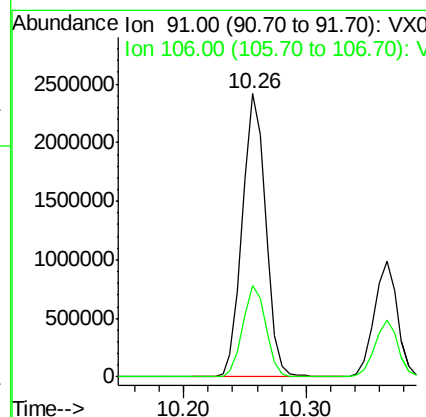
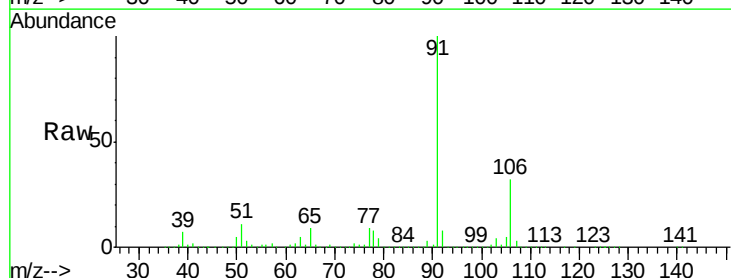
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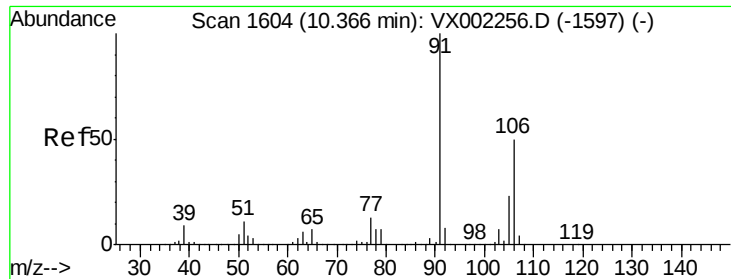
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#67
Ethyl Benzene
Concen: 215.528 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002530.D
Acq: 14 Jun 2018 01:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.5	38.3





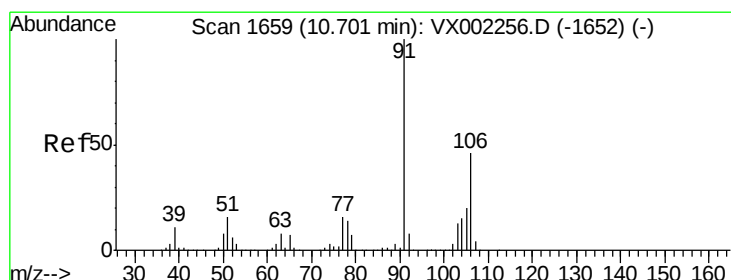
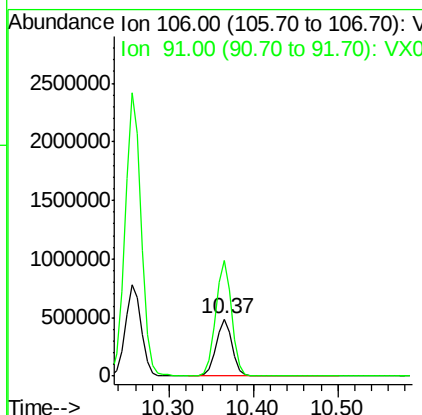
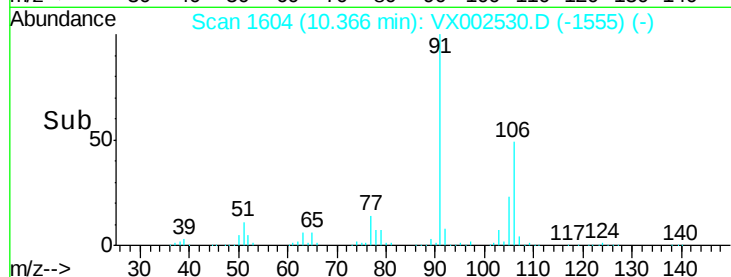
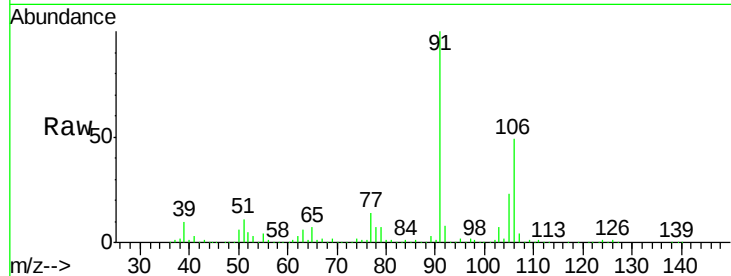
#68
m/p-Xylenes
Concen: 111.015 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002530.D
Acq: 14 Jun 2018 01:48

Instrument :
MSVOA_X
ClientSampled :
SB-04RME

Tot Ion:106 Resp: 636611
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

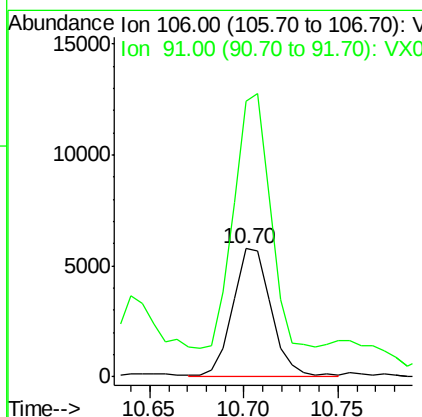
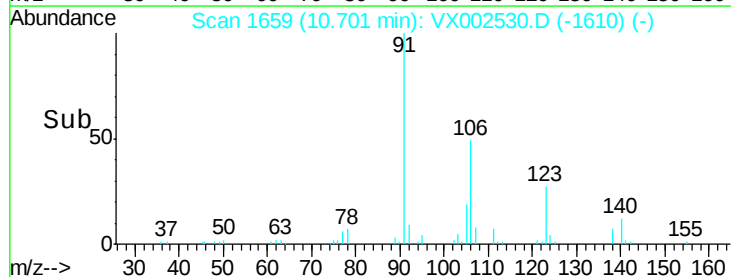
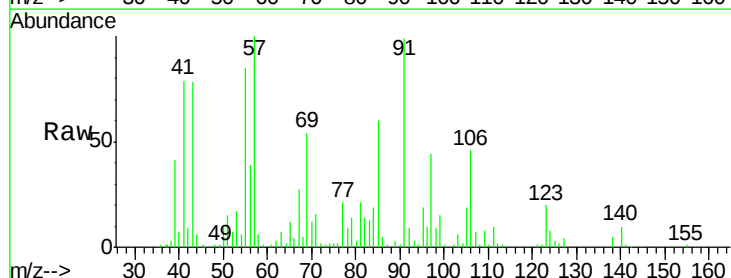
Manual Integrations
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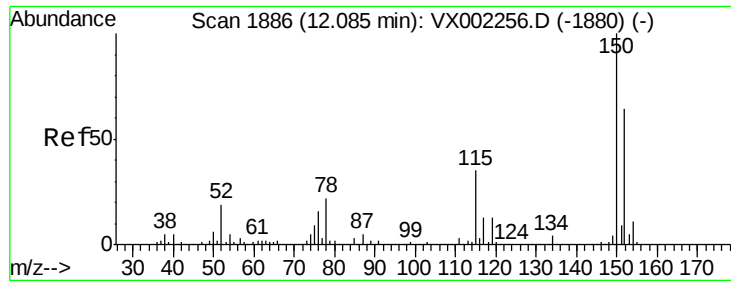
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#69
o-Xylene
Concen: 1.424 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002530.D
Acq: 14 Jun 2018 01:48

Tgt Ion:106 Resp: 8128
Ion Ratio Lower Upper
106 100
91 188.3 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Instrument :

MSVOA_X

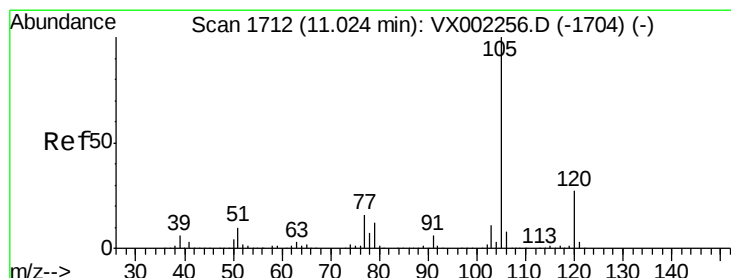
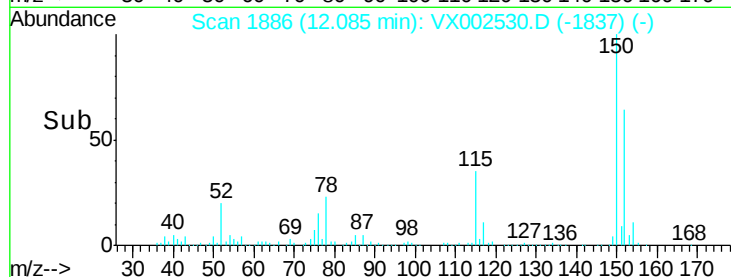
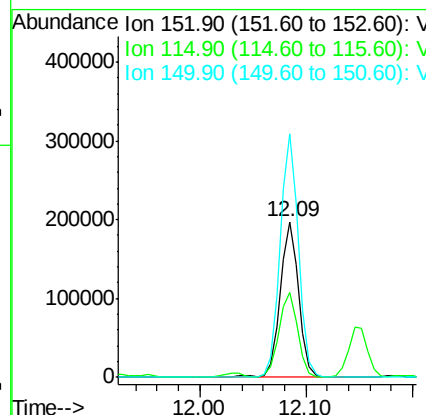
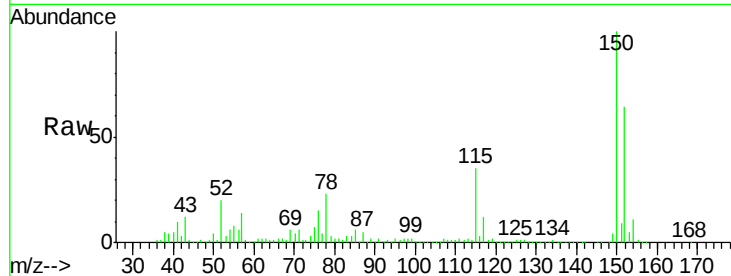
ClientSampleId :

SB-04RME

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.1	120.2
150	155.4	0.0	347.2

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#73

Isopropylbenzene

Concen: 19.626 ug/l

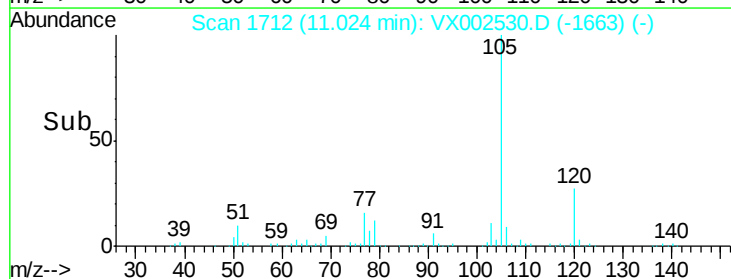
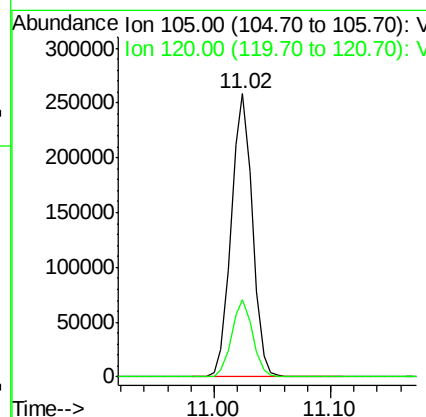
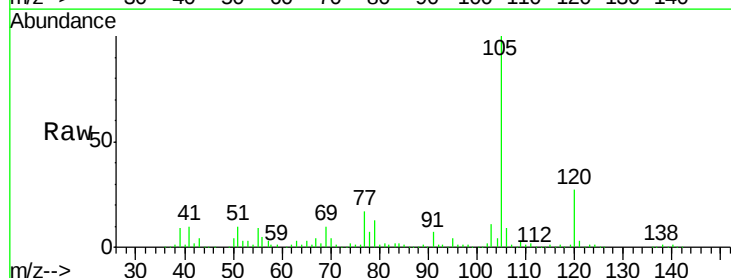
RT: 11.02 min Scan# 1712

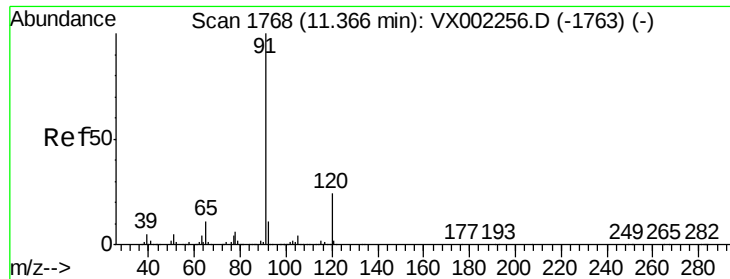
Delta R.T. -0.00 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.4





#78

n-propylbenzene

Concen: 95.768 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002530.D

Acq: 14 Jun 2018 01:48

Instrument :

MSVOA_X

ClientSampleId :

SB-04RME

Tot Ion: 91 Resp: 1762628

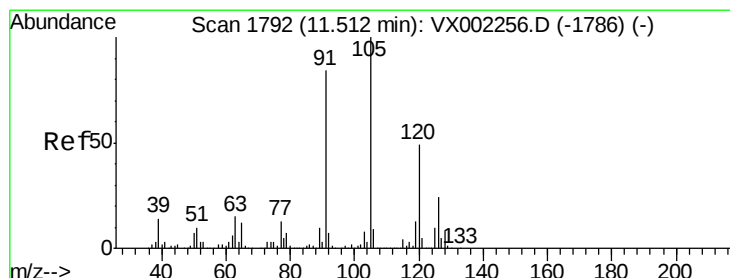
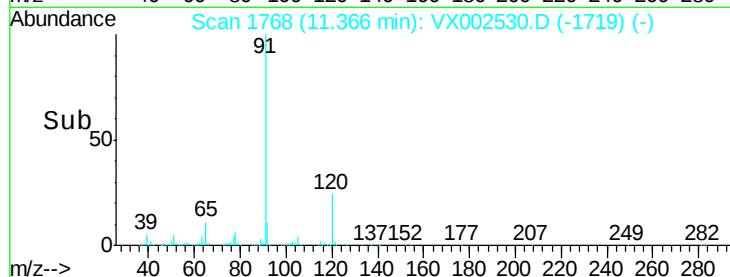
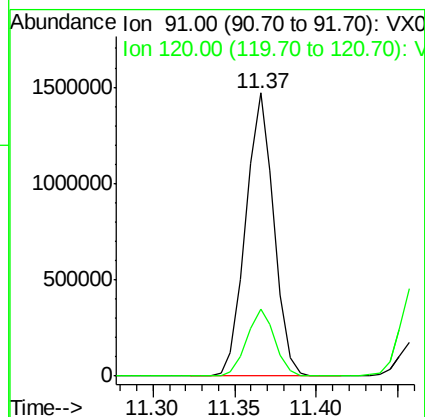
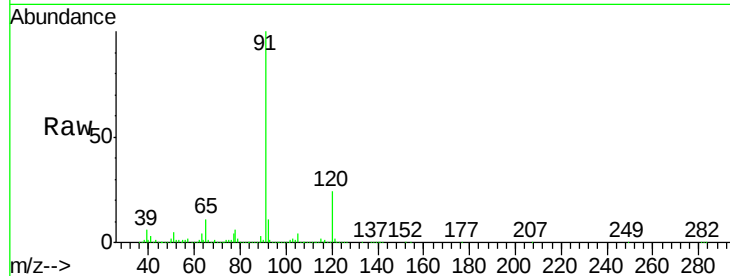
Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 39.480 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002530.D

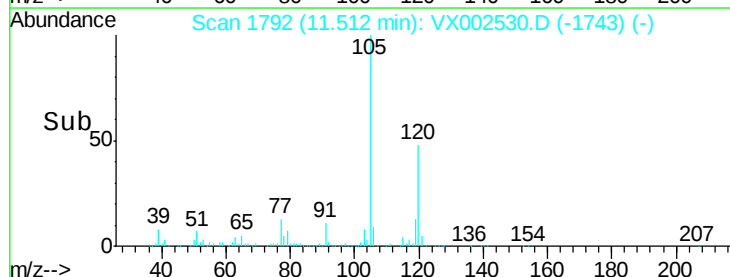
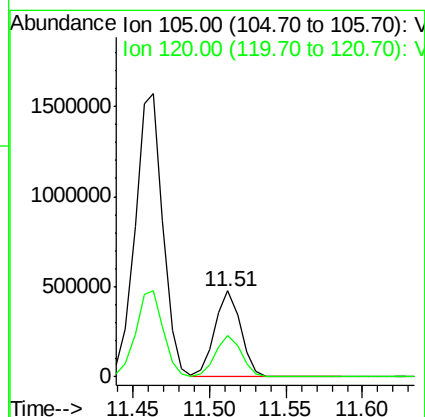
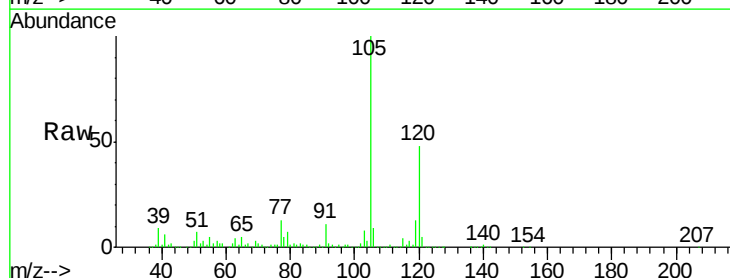
Acq: 14 Jun 2018 01:48

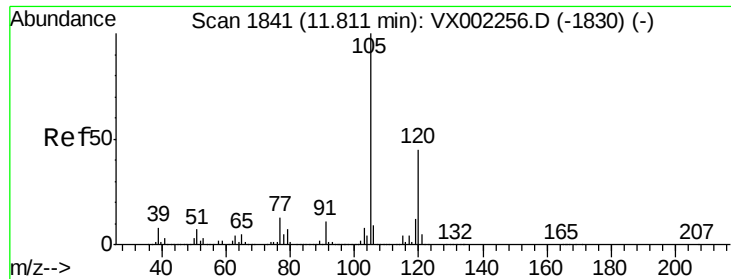
Tgt Ion: 105 Resp: 560745

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4





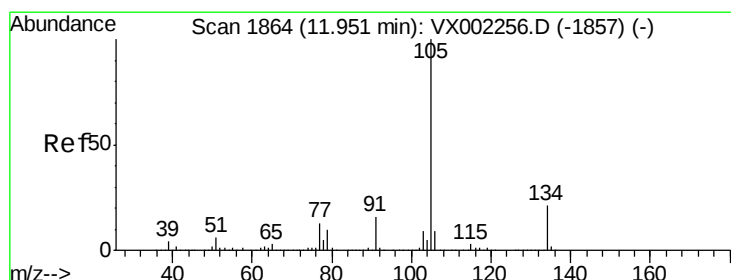
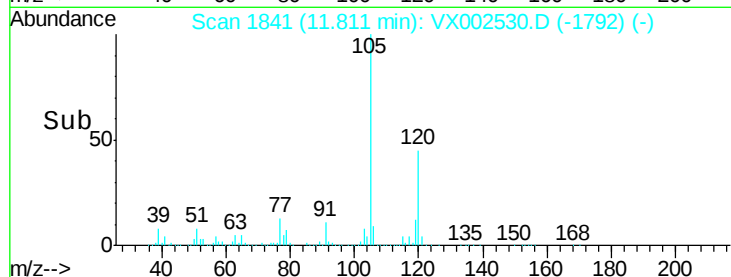
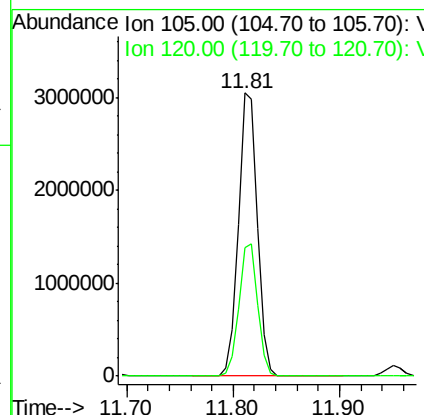
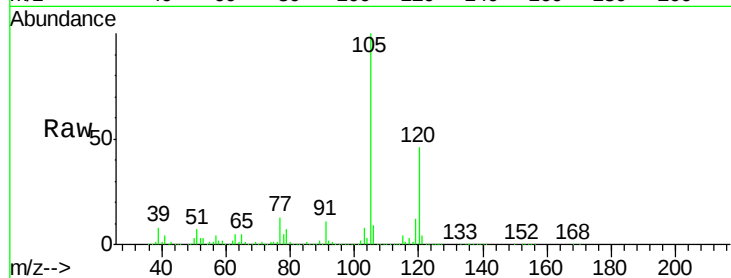
#84
1,2,4-Trimethylbenzene
Concen: 260.311 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002530.D
Acq: 14 Jun 2018 01:48

Instrument :
MSVOA_X
ClientSampleId :
SB-04RME

Tot Ion:105 Resp: 3805884
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8

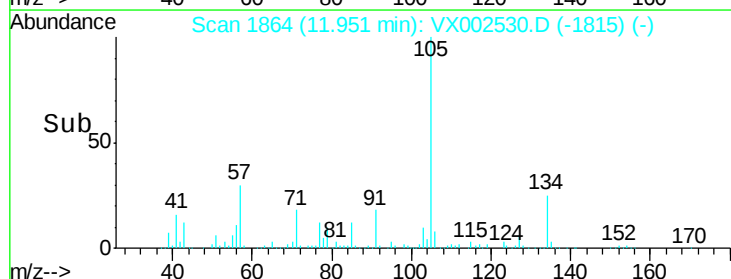
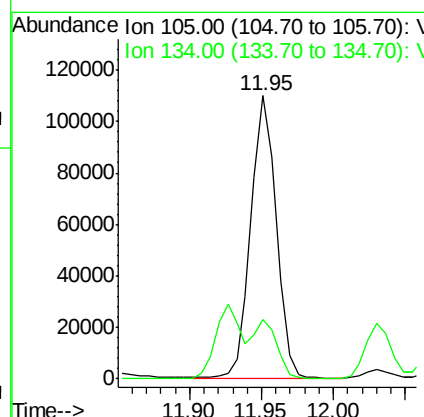
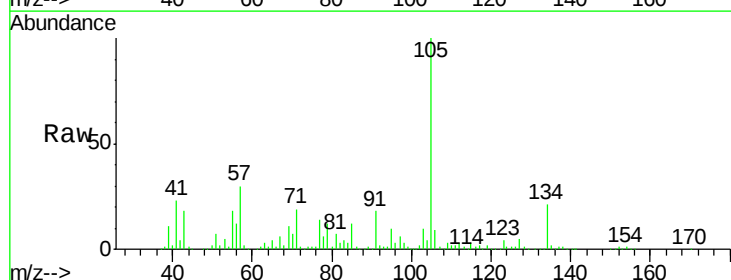
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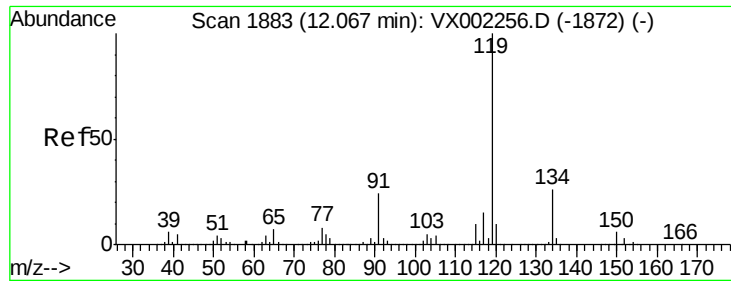
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#85
sec-Butylbenzene
Concen: 8.225 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002530.D
Acq: 14 Jun 2018 01:48

Tgt Ion:105 Resp: 133363
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





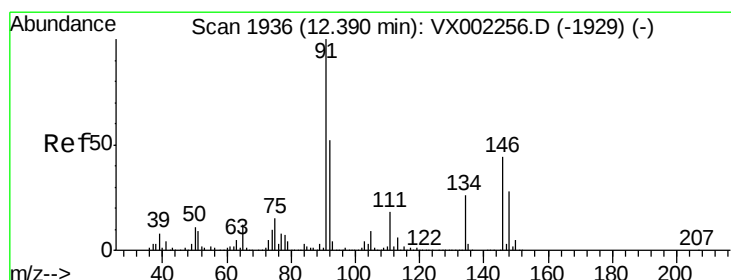
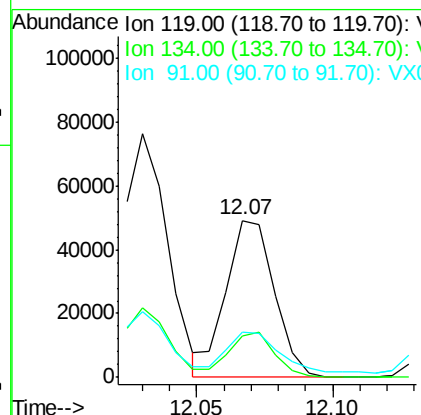
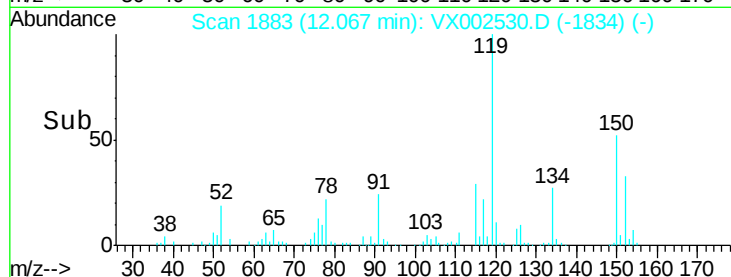
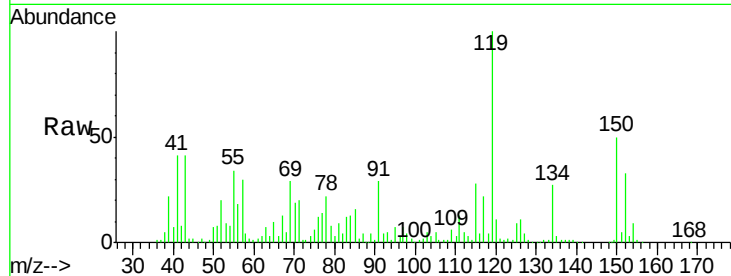
#86
 p-Isopropyltoluene
 Concen: 4.088 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002530.D
 Acq: 14 Jun 2018 01:48

Instrument :
 MSVOA_X
 ClientSampled :
 SB-04RME

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.4	40.1
91	29.1	11.9	35.7

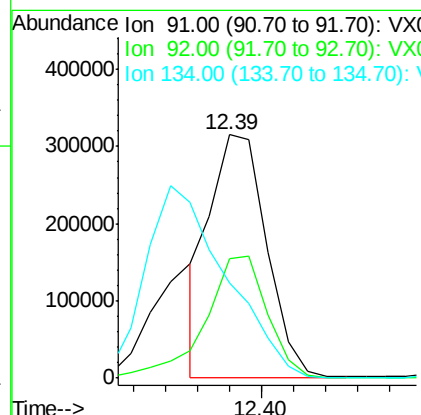
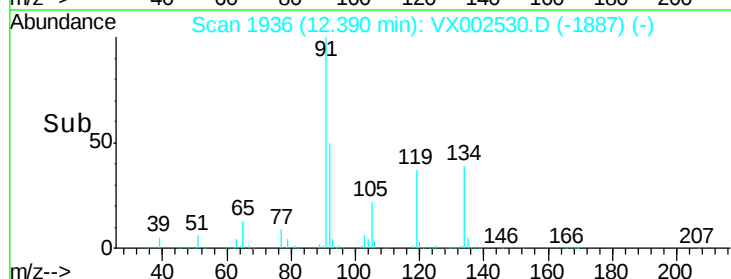
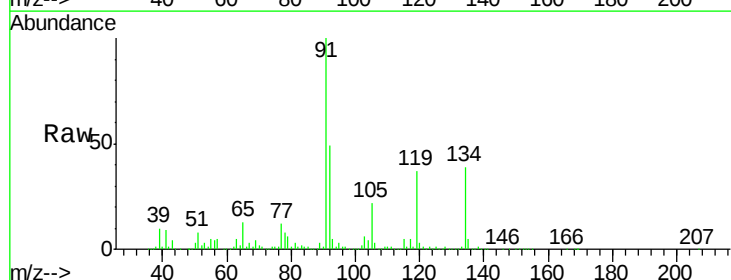
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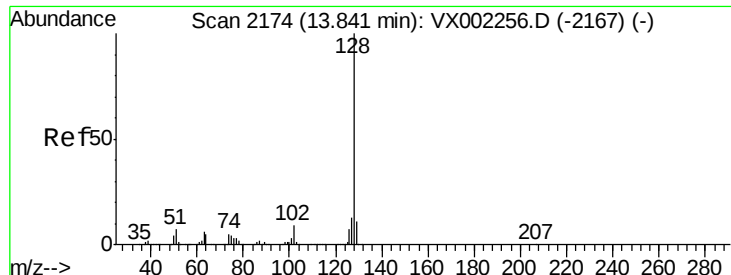
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#89
 n-Butylbenzene
 Concen: 31.257 ug/l m
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002530.D
 Acq: 14 Jun 2018 01:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.0	78.0
134	0.0	13.5	40.5#





#95
Naphthalene
Concen: 96.294 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002530.D
Acq: 14 Jun 2018 01:48

Instrument :
MSVOA_X
ClientSampleId :
SB-04RME

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.7	8.6	13.0

Manual Integrations
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