

Data Path : W:\HPCHEM1\MSVOA X\DATA\X031218\
 Data File : VX000282.D
 Acq On : 12 Mar 2018 18:10
 Operator : JC/MD
 Sample : J1808-01
 Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13

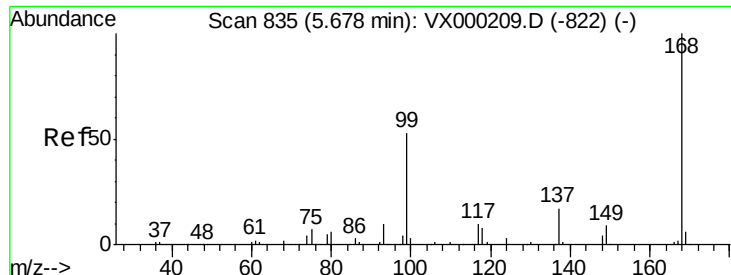
Manual Integrations
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Quant Time: Mar 13 09:00:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	219123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.88	114	338664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.13	117	319273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	126428	41.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.24%	
35) Dibromofluoromethane	5.52	113	106336	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.73	98	551088	62.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.10%	
62) 4-Bromofluorobenzene	11.15	95	221241	64.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.66%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.57	56	3288894	989.57	ug/l	91
39) Methylcyclohexane	7.48	83	8684573	2348.79	ug/l	98
40) Benzene	6.15	78	212255	24.42	ug/l	96
52) Toluene	8.80	92	711488	119.45	ug/l	100
67) Ethyl Benzene	10.27	91	8659575	769.52	ug/l	93
68) m/p-Xylenes	10.38	106	10083448	2328.21	ug/l #	68
69) o-Xylene	10.71	106	2385834	573.16	ug/l	98
73) Isopropylbenzene	11.03	105	1696790	138.12	ug/l	99
78) n-propylbenzene	11.37	91	7544435	521.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	9863503	961.66	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	16534770m	1567.61	ug/l	
85) sec-Butylbenzene	11.96	105	715876	56.71	ug/l #	56
86) p-Isopropyltoluene	12.08	119	567839	51.01	ug/l	99
95) Naphthalene	13.85	128	5184851	341.61	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

SB-04-12-13

Tot Ion:168 Resp: 219123

Ion Ratio Lower Upper

168 100

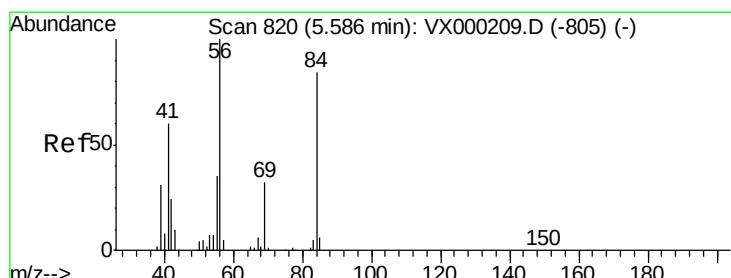
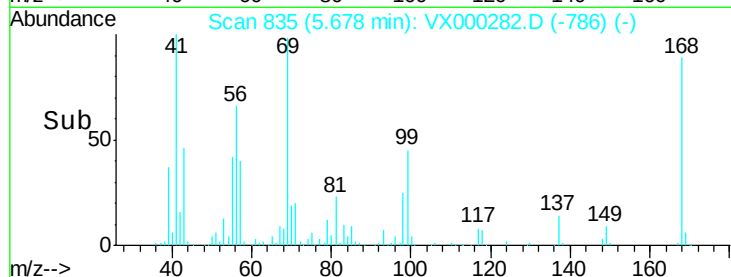
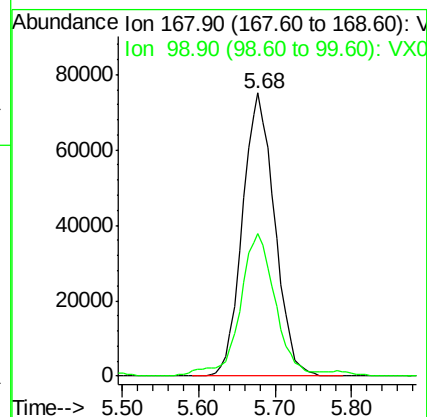
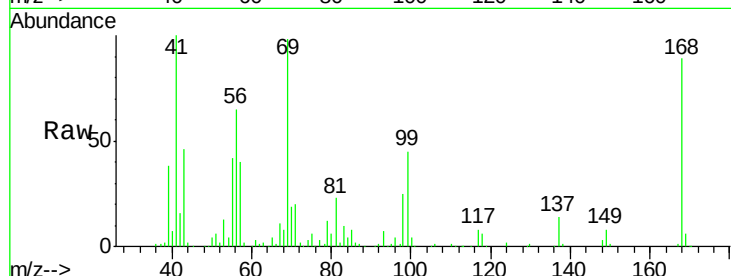
99 49.0 42.8 64.2

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#31

Cyclohexane

Concen: 989.57 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

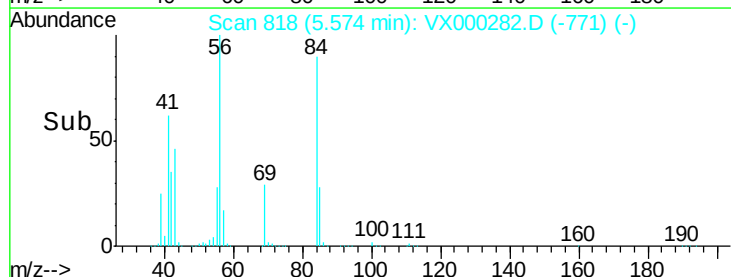
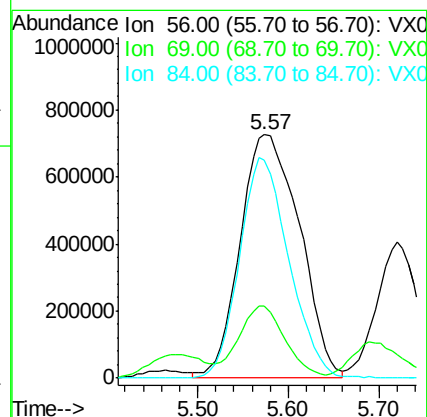
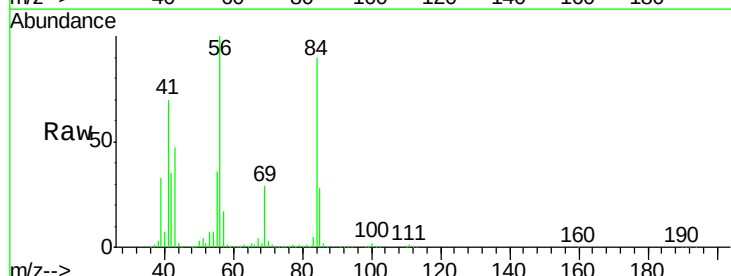
Tgt Ion: 56 Resp: 3288894

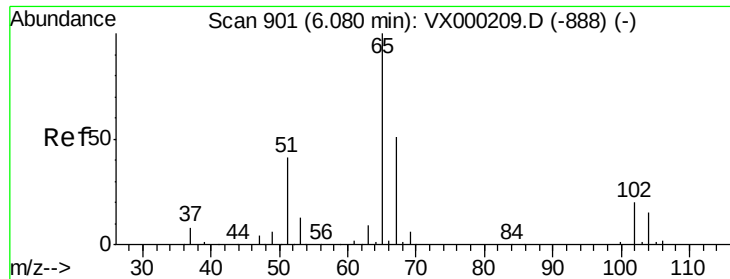
Ion Ratio Lower Upper

56 100

69 25.8 25.3 37.9

84 91.0 67.2 100.8





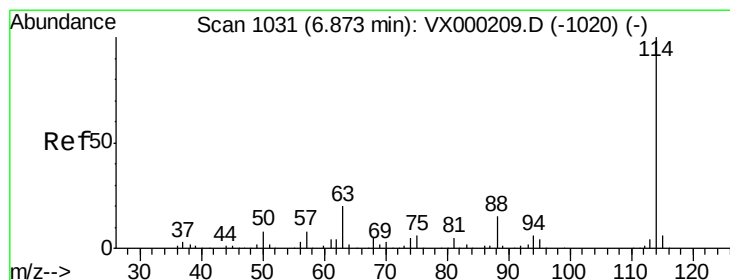
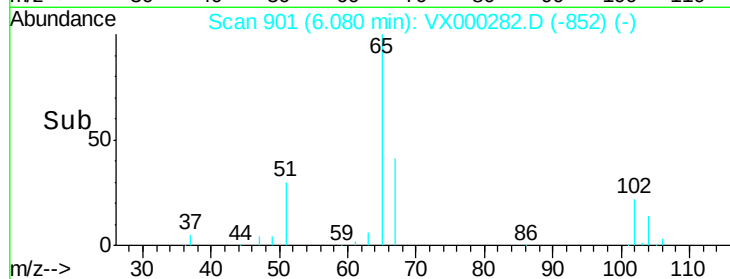
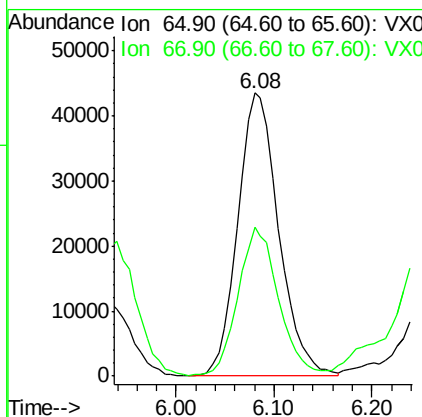
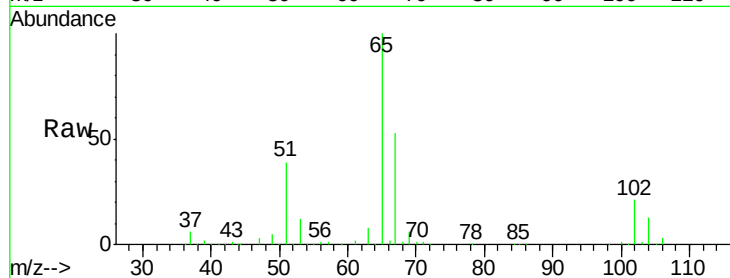
#33
 1,2-Dichloroethane-d4
 Concen: 41.62 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000282.D
 Acq: 12 Mar 2018 18:10

Instrument :
 MSVOA_X
 ClientSampled :
 SB-04-12-13

Tot Ion	Ratio	Resp	Lower	Upper
65	100	126428		
67	51.3	0.0	103.4	

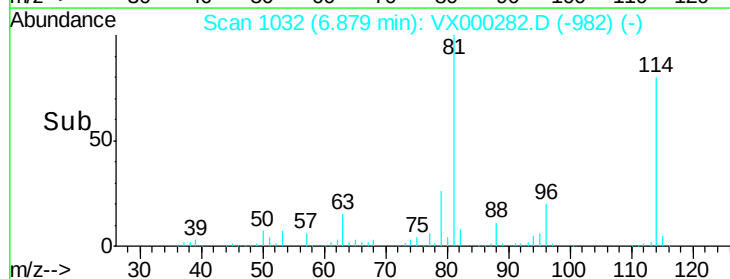
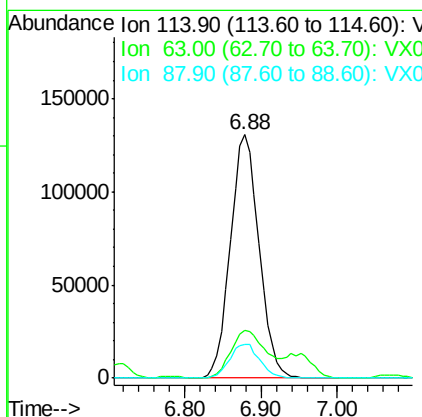
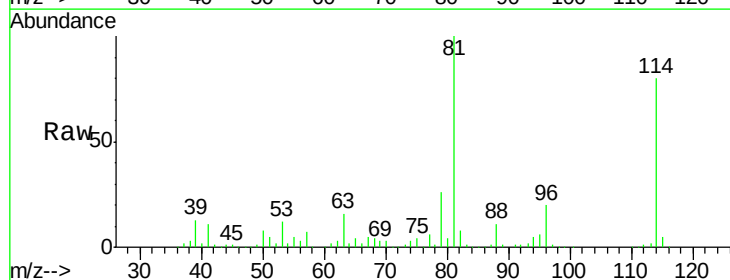
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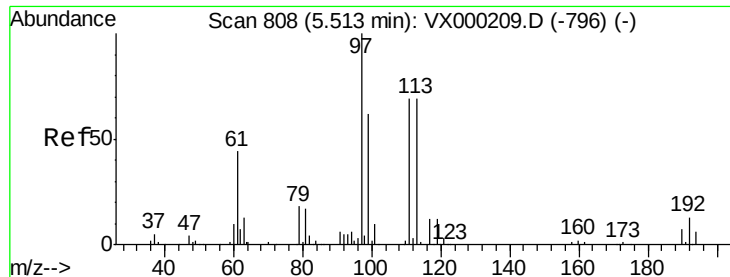
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.88 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VX000282.D
 Acq: 12 Mar 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	338664		
63	19.3	0.0	39.2	
88	14.0	0.0	29.8	





#35

Dibromofluoromethane

Concen: 49.99 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Instrument :

MSVOA_X

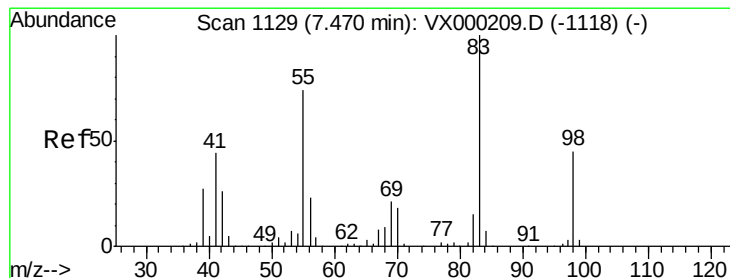
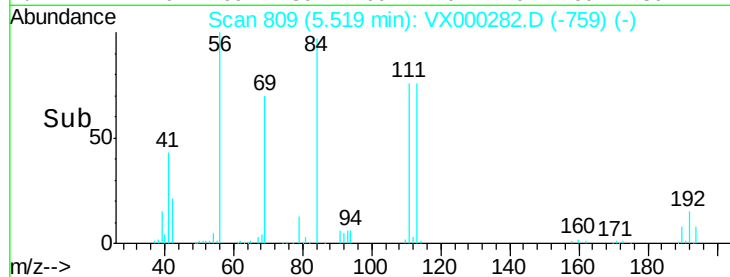
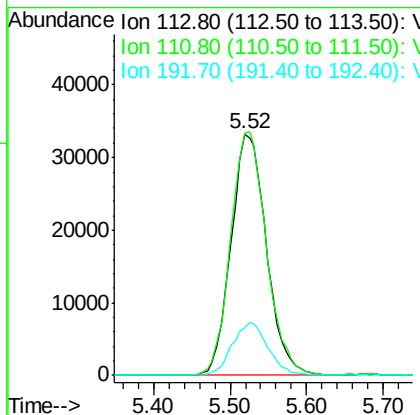
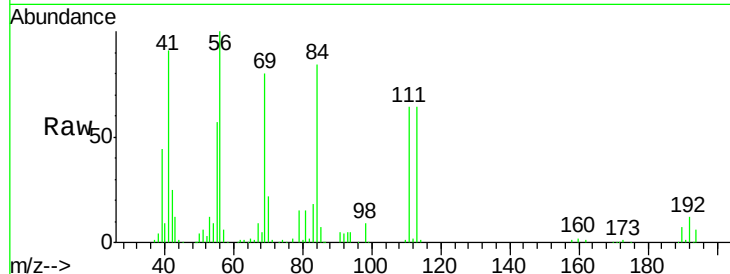
ClientSampleId :

SB-04-12-13

Tot Ion:	113	Resp:	106336
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.0	124.6
192	22.0	15.5	23.3

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#39

Methylcyclohexane

Concen: 2348.79 ug/l

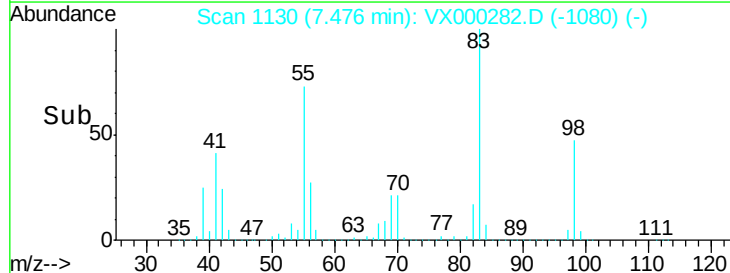
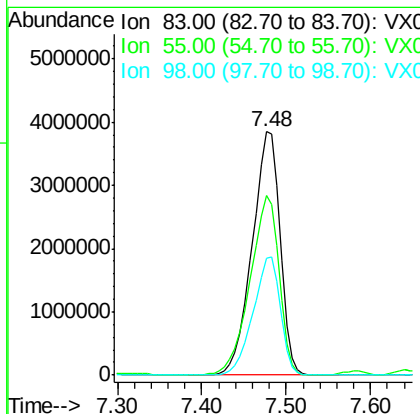
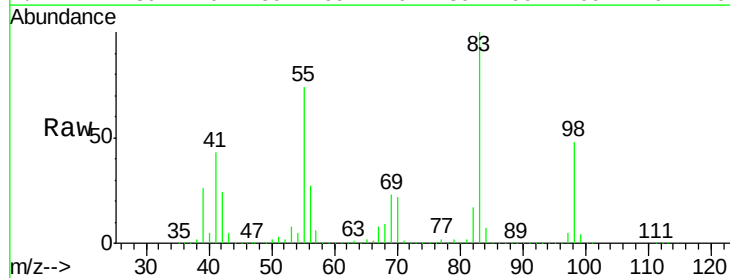
RT: 7.48 min Scan# 1130

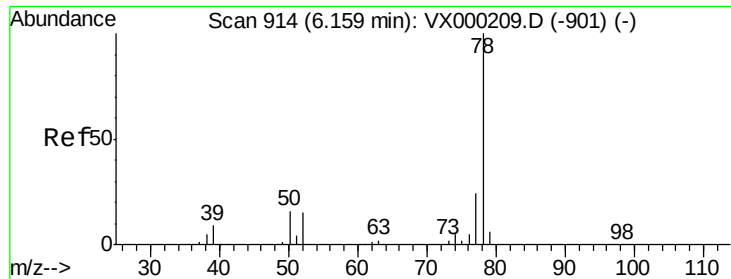
Delta R.T. 0.01 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Tgt Ion:	83	Resp:	8684573
Ion Ratio	Lower	Upper	
83	100		
55	73.9	59.4	89.0
98	48.1	36.3	54.5





#40

Benzene

Concen: 24.42 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

SB-04-12-13

Tot Ion: 78 Resp: 212255

Ion Ratio Lower Upper

78 100

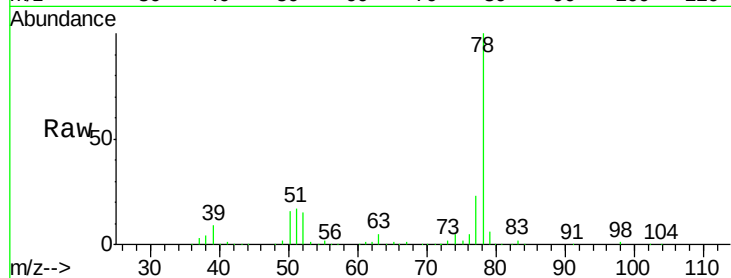
77 22.5 19.4 29.2

Manual Integrations

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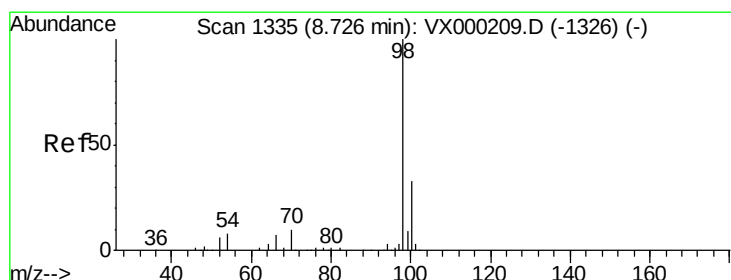
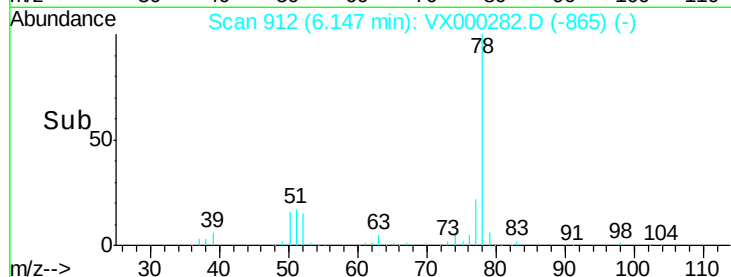
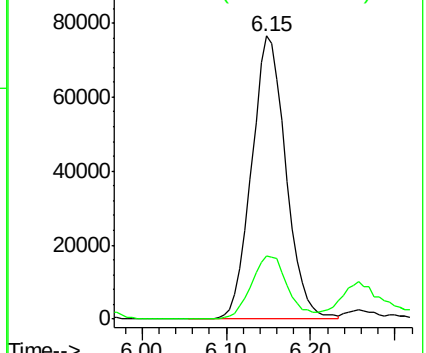
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 62.55 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000282.D

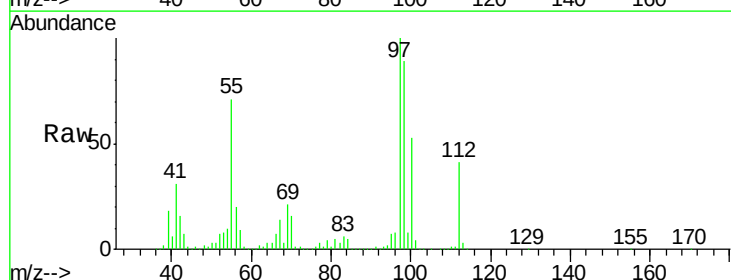
Acq: 12 Mar 2018 18:10

Tgt Ion: 98 Resp: 551088

Ion Ratio Lower Upper

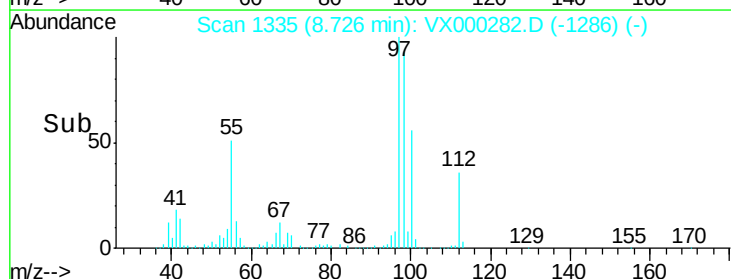
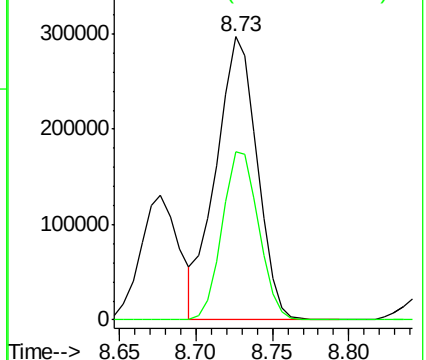
98 100

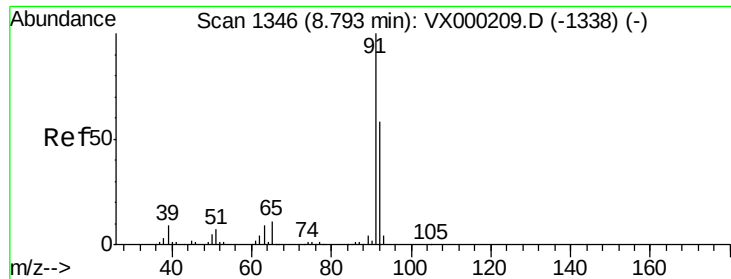
100 52.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 119.45 ug/l

RT: 8.80 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

SB-04-12-13

Tot Ion: 92 Resp: 711488

Ion Ratio Lower Upper

92 100

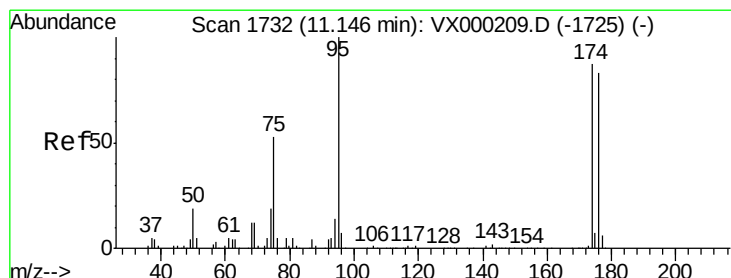
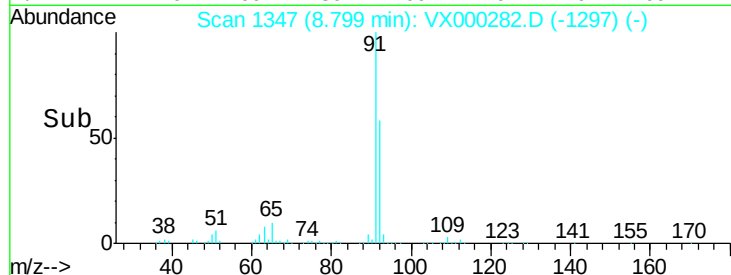
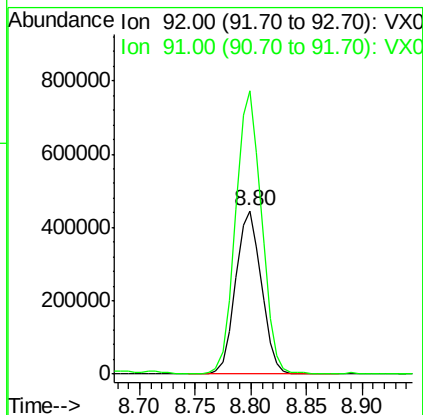
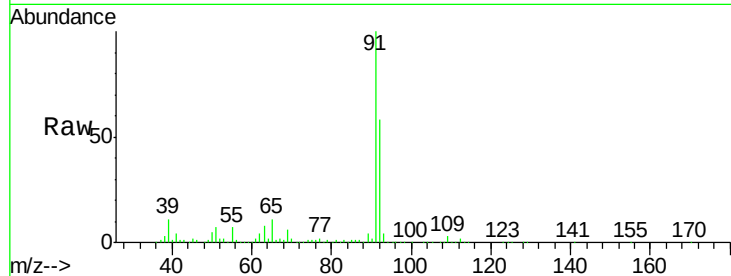
91 173.7 139.0 208.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 64.33 ug/l

RT: 11.15 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

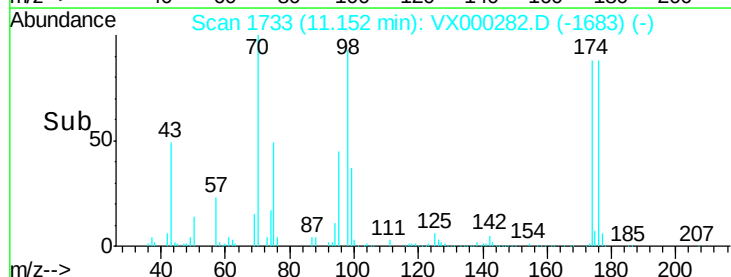
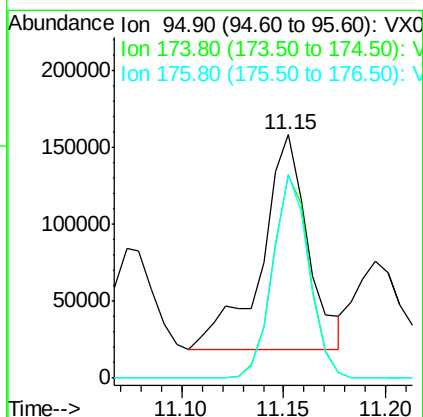
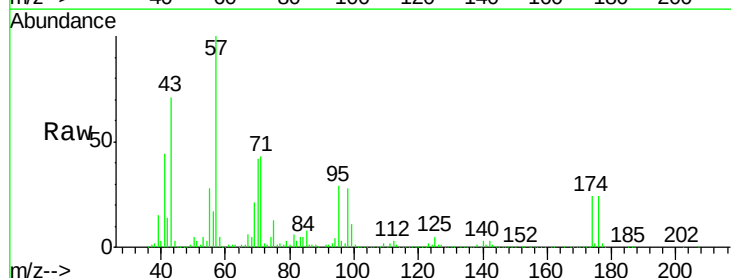
Tgt Ion: 95 Resp: 221241

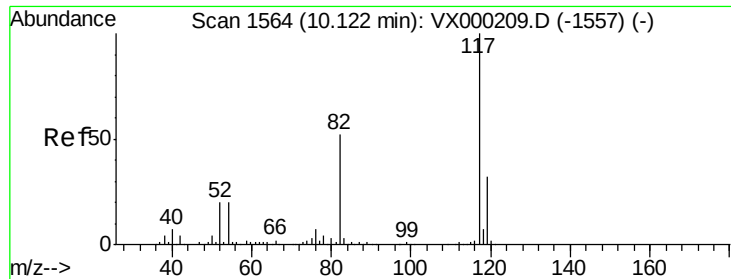
Ion Ratio Lower Upper

95 100

174 75.6 0.0 175.6

176 73.8 0.0 171.0





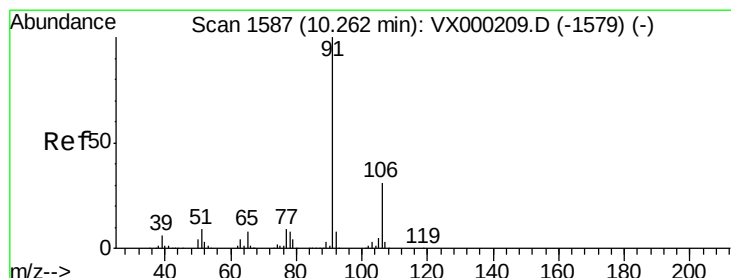
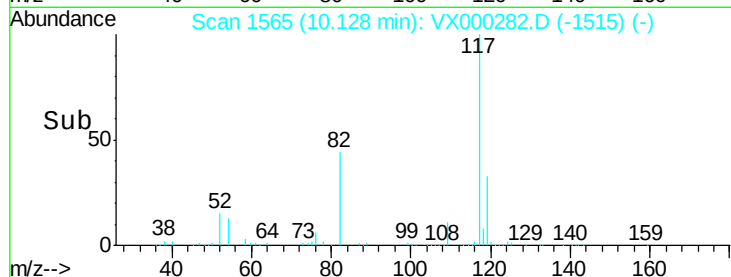
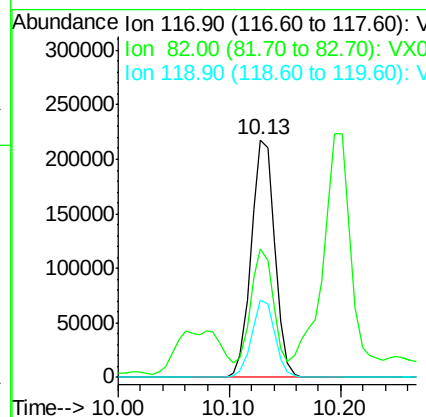
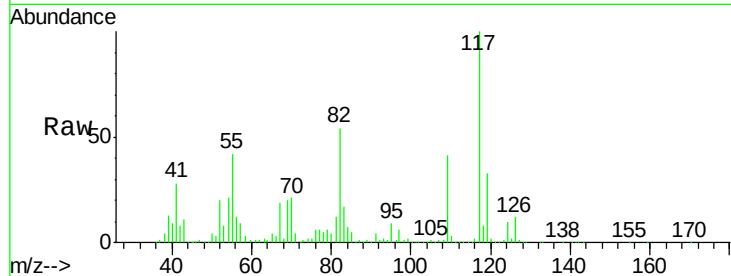
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.13 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VX000282.D
Acq: 12 Mar 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13

Tot Ion	Ratio	Lower	Upper
117	100		
82	35.9	42.0	63.0#
119	32.6	25.3	37.9

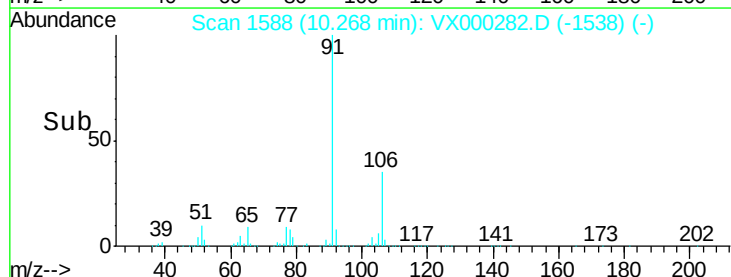
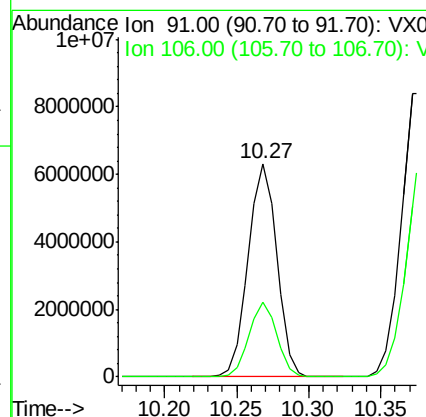
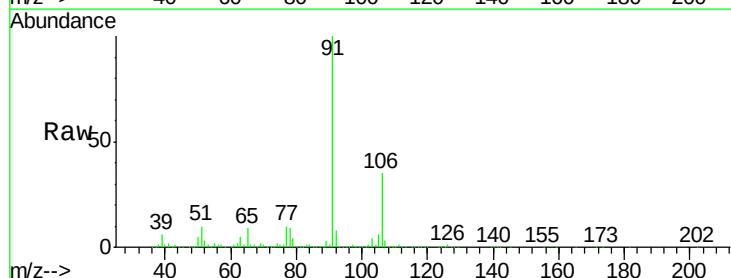
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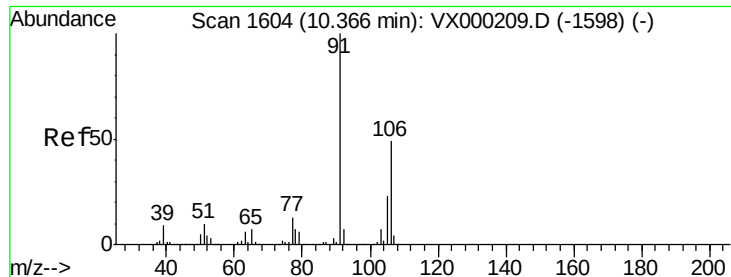
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#67
Ethyl Benzene
Concen: 769.52 ug/l
RT: 10.27 min Scan# 1588
Delta R.T. 0.01 min
Lab File: VX000282.D
Acq: 12 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	35.2	25.2	37.8





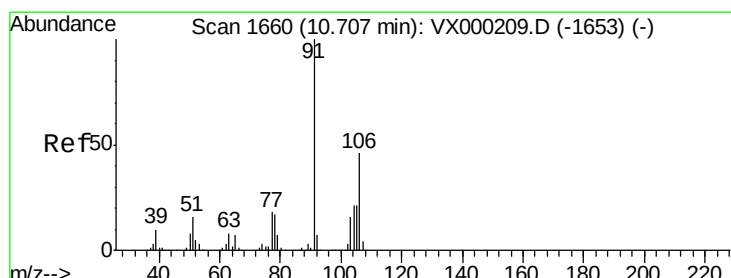
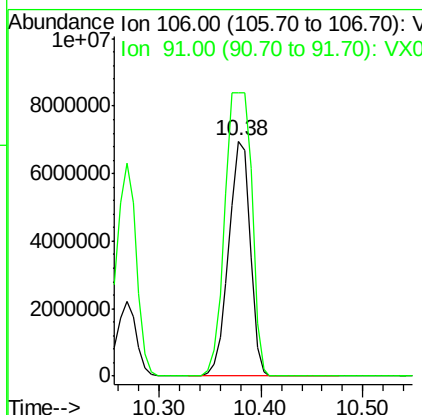
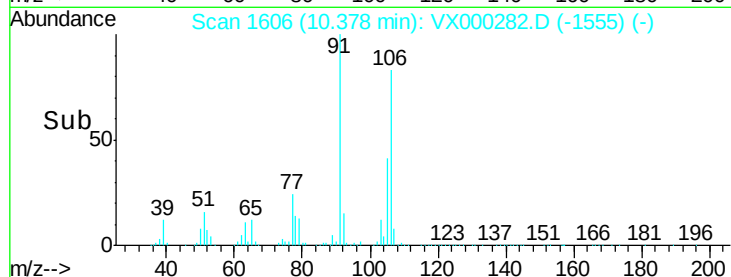
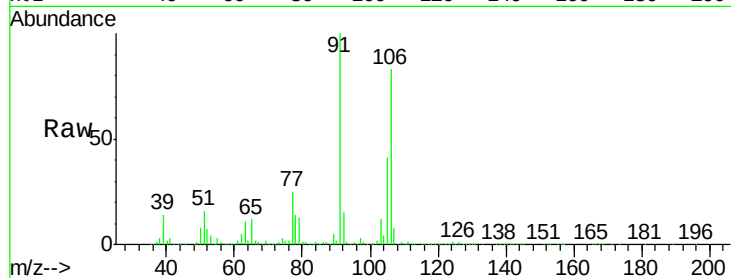
#68
m/p-Xylenes
Concen: 2328.21 ug/l
RT: 10.38 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VX000282.D
Acq: 12 Mar 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13

Tot Ion:106 Resp:10083448
Ion Ratio Lower Upper
106 100
91 151.8 160.9 241.3#

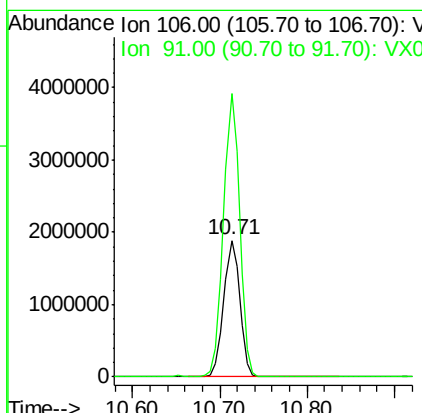
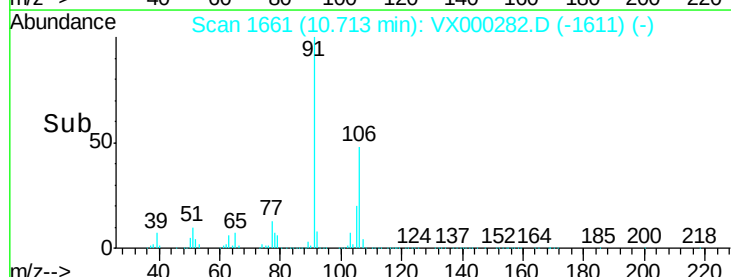
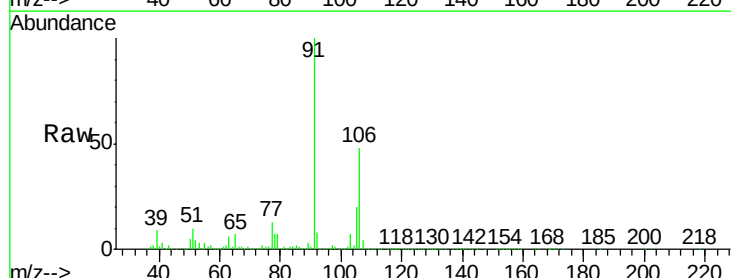
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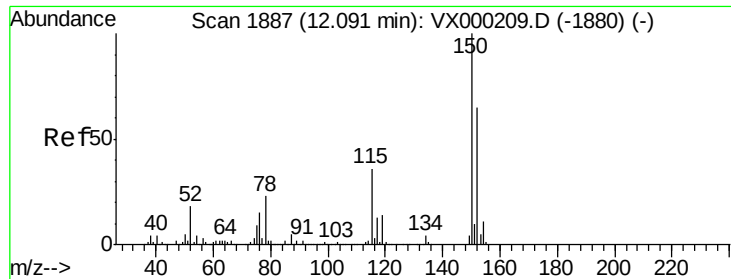
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#69
o-Xylene
Concen: 573.16 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX000282.D
Acq: 12 Mar 2018 18:10

Tgt Ion:106 Resp: 2385834
Ion Ratio Lower Upper
106 100
91 208.8 105.9 317.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Instrument :

MSVOA_X

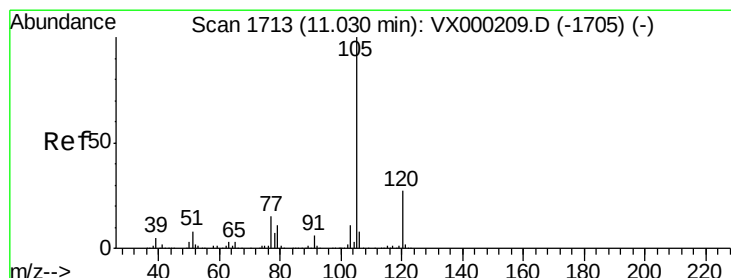
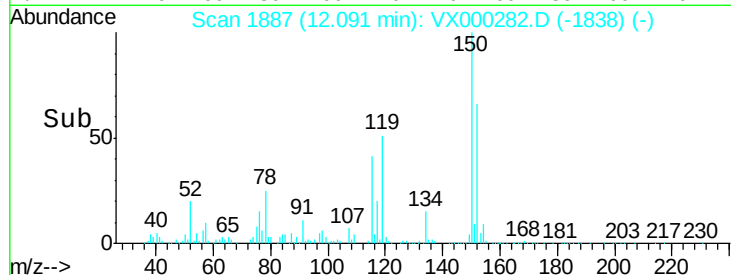
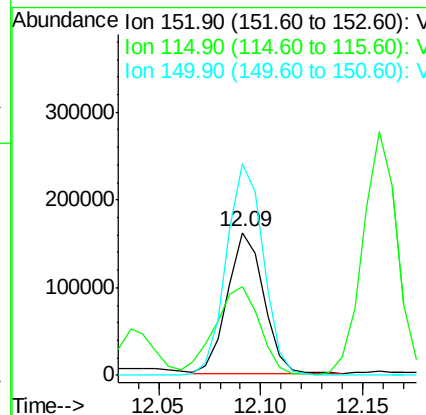
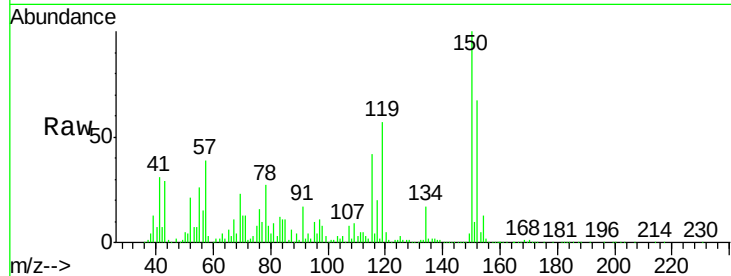
ClientSampled :

SB-04-12-13

Tot Ion:	152	Resp:	196221
Ion Ratio	Lower	Upper	
152	100		
115	77.5	39.8	119.3
150	153.8	0.0	345.0

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#73

Isopropylbenzene

Concen: 138.12 ug/l

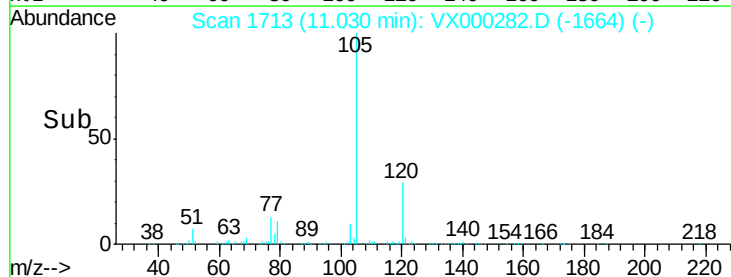
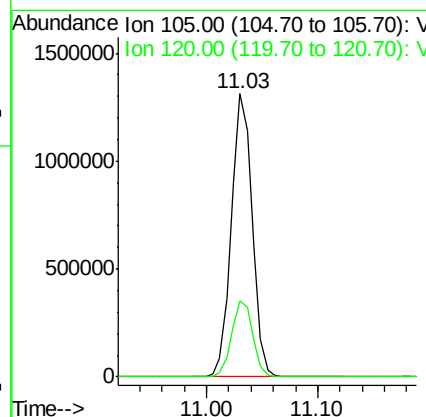
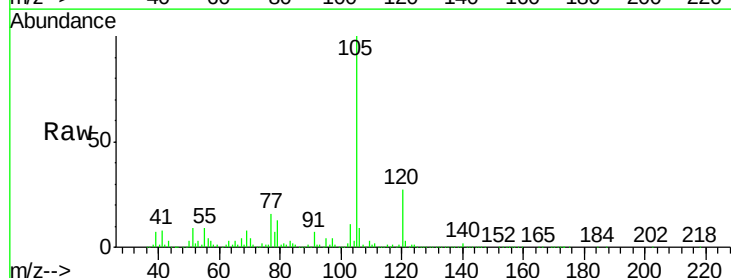
RT: 11.03 min Scan# 1713

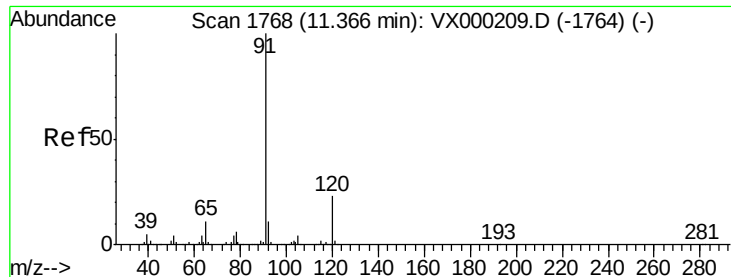
Delta R.T. -0.00 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Tgt Ion:	105	Resp:	1696790
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.5	40.4





#78

n-propylbenzene

Concen: 521.80 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000282.D

Acq: 12 Mar 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

SB-04-12-13

Tot Ion: 91 Resp: 7544435

Ion Ratio Lower Upper

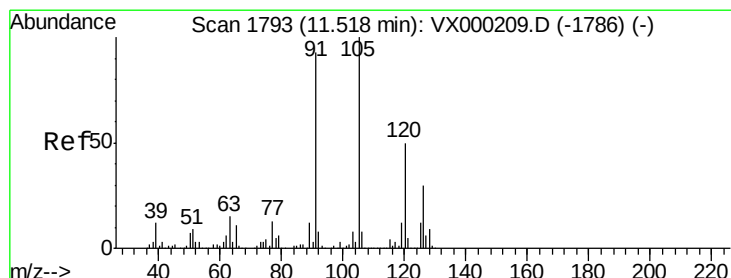
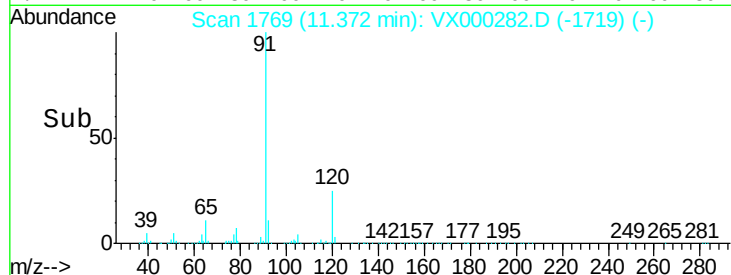
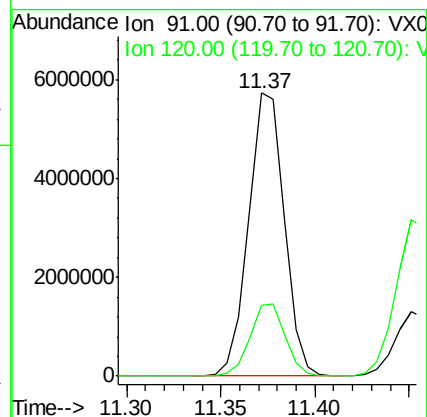
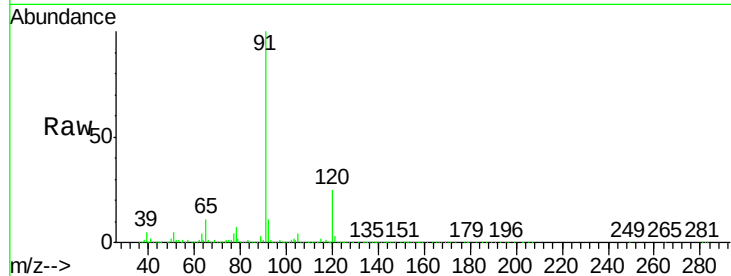
91 100

120 25.1 12.2 36.4

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#80

1,3,5-Trimethylbenzene

Concen: 961.66 ug/l

RT: 11.52 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VX000282.D

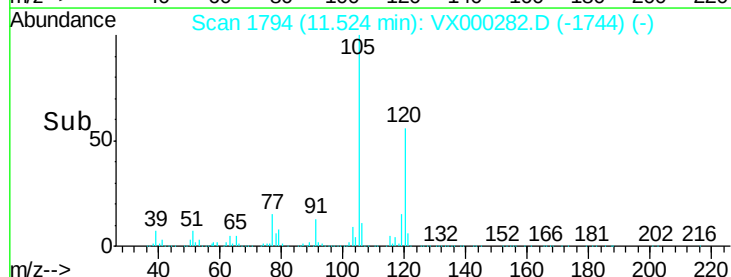
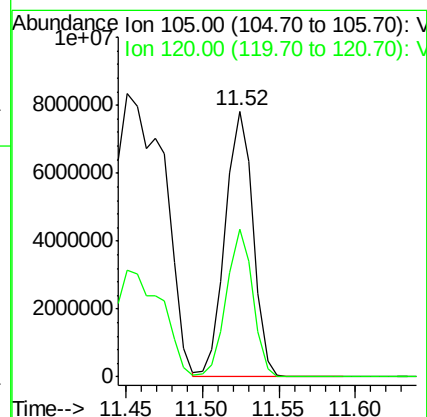
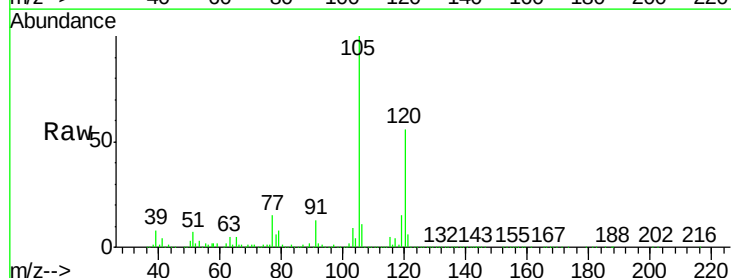
Acq: 12 Mar 2018 18:10

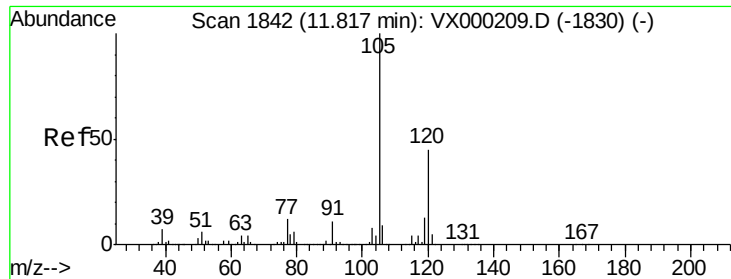
Tgt Ion: 105 Resp: 9863503

Ion Ratio Lower Upper

105 100

120 52.8 24.9 74.6





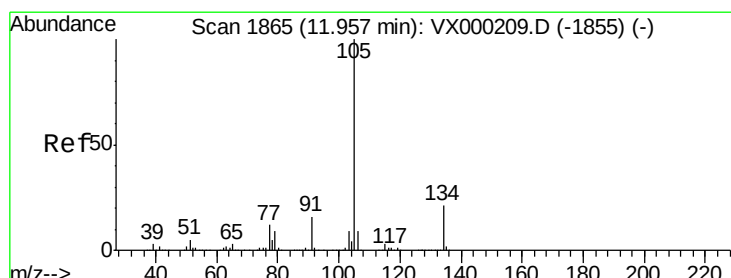
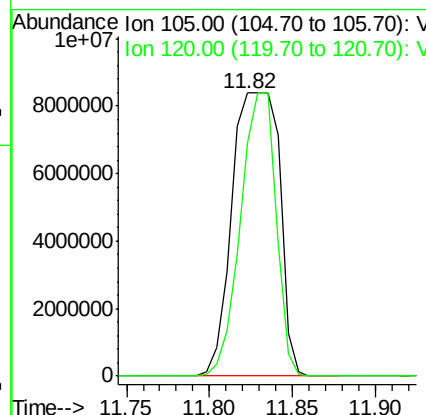
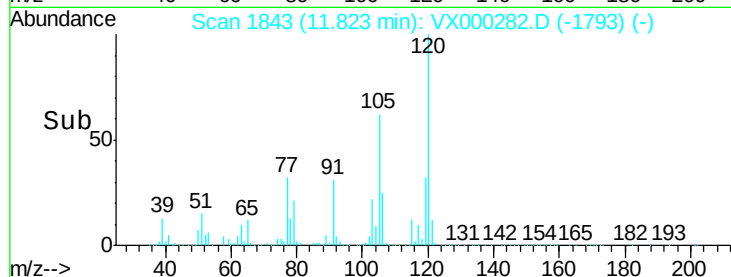
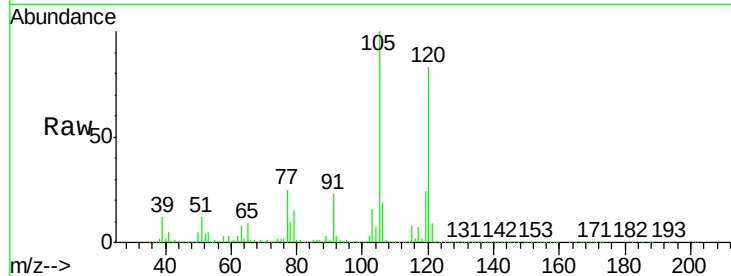
#84
 1,2,4-Trimethylbenzene
 Concen: 1567.61 ug/l m
 RT: 11.82 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX000282.D
 Acq: 12 Mar 2018 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13

Tot Ion:105 Resp:16534770
 Ion Ratio Lower Upper
 105 100
 120 11.5 23.0 69.0#

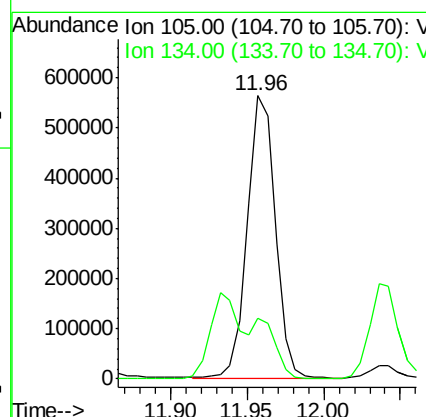
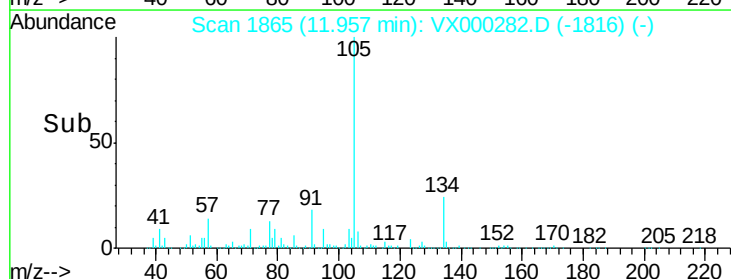
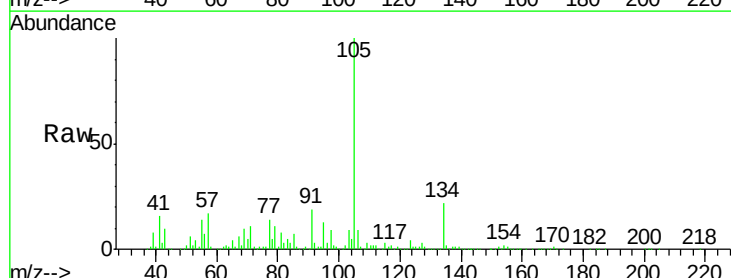
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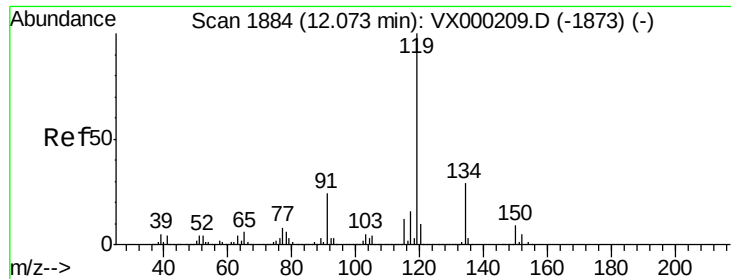
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#85
 sec-Butylbenzene
 Concen: 56.71 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000282.D
 Acq: 12 Mar 2018 18:10

Tgt Ion:105 Resp: 715876
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#





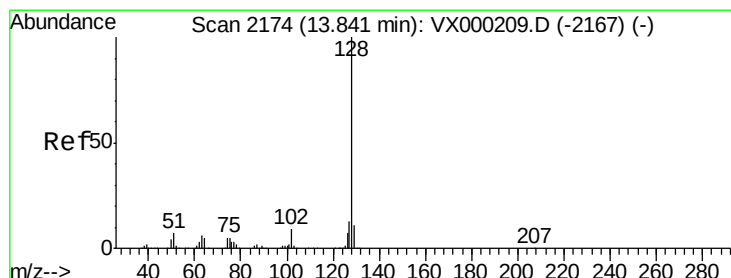
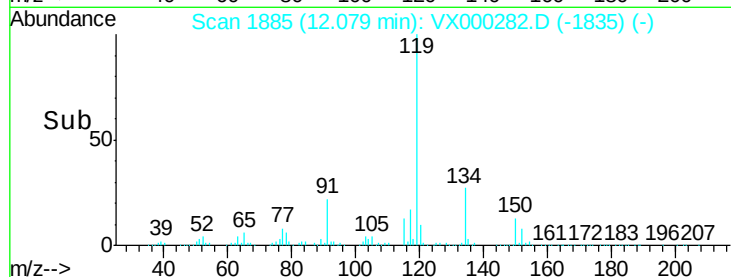
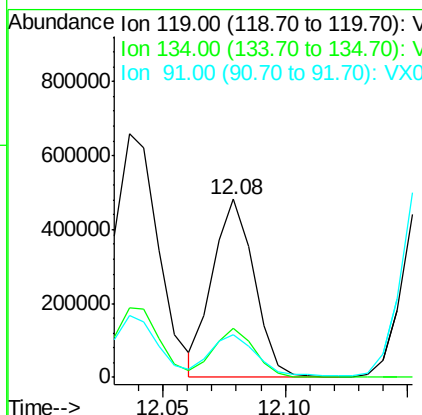
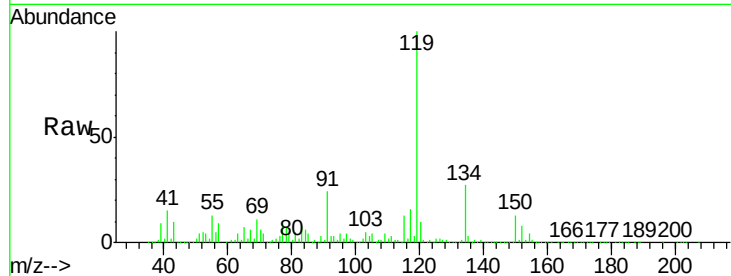
#86
p-Isopropyltoluene
Concen: 51.01 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VX000282.D
Acq: 12 Mar 2018 18:10

Instrument :
MSVOA_X
ClientSampled :
SB-04-12-13

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.8	41.3
91	24.9	12.0	36.0

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#95
Naphthalene
Concen: 341.61 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000282.D
Acq: 12 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.7	8.6	13.0

