

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX002013.D
 Acq On : 26 May 2018 08:08
 Operator : JC/MD
 Sample : J3064-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Manual Integrations
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Quant Time: May 29 03:16:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	421752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	261841	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	5.51	113	205732	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.72	98	720910	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	275639	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.08	59	7509	7.987	ug/l #	94
16) Acetone	2.45	43	11985	6.484	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	8766	0.746	ug/l	93
31) Cyclohexane	5.58	56	2189	0.332	ug/l #	90
39) Methylcyclohexane	7.47	83	6064	0.841	ug/l	95
73) Isopropylbenzene	11.02	105	93408	5.088	ug/l	100
78) n-propylbenzene	11.37	91	127345	6.193	ug/l	98
83) tert-Butylbenzene	11.77	119	15816	1.027	ug/l	90
85) sec-Butylbenzene	11.95	105	83624	4.518	ug/l	81
89) n-Butylbenzene	12.39	91	4889m	0.348	ug/l	

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

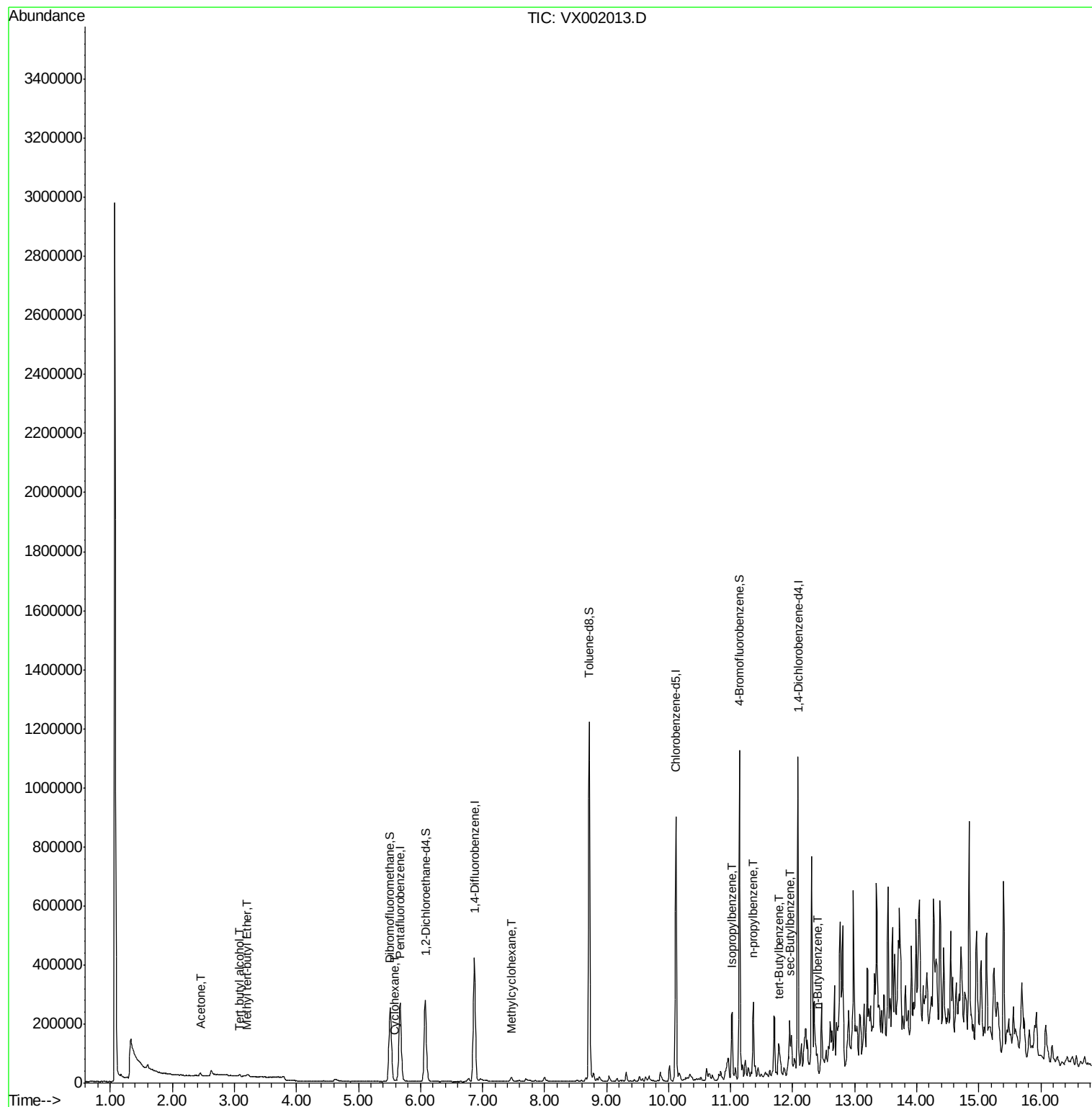
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX002013.D
Acq On : 26 May 2018 08:08
Operator : JC/MD
Sample : J3064-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

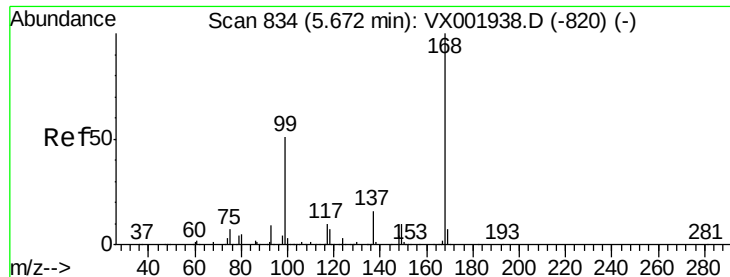
Instrument :
MSVOA_X
ClientSampleId :
MW-28

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Quant Time: May 29 03:16:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

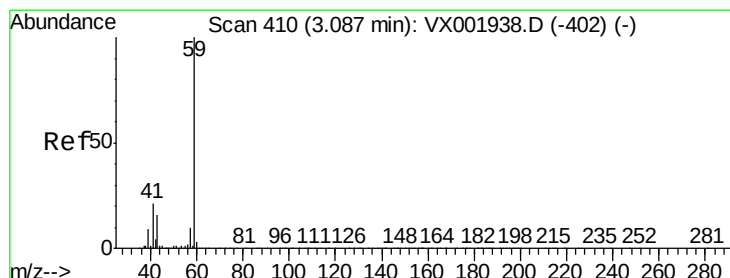
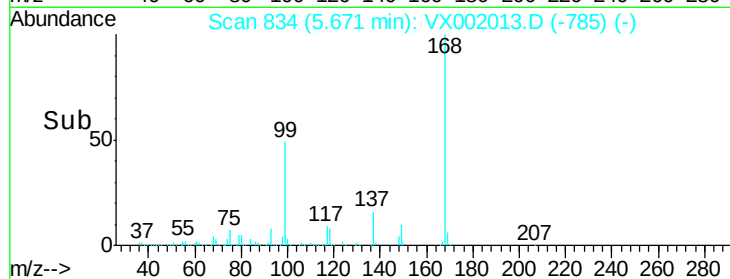
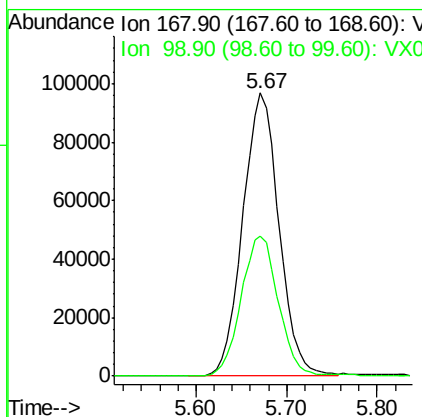
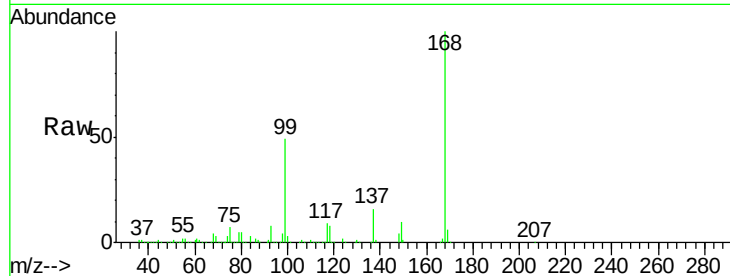
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Instrument :
 MSVOA_X
 ClientSampled :
 MW-28

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	41.0	61.4

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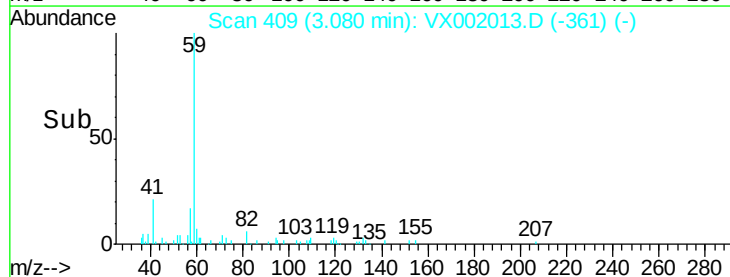
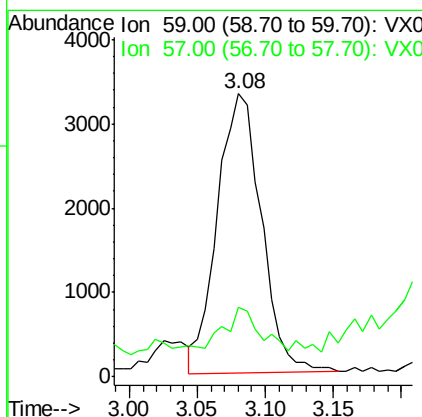
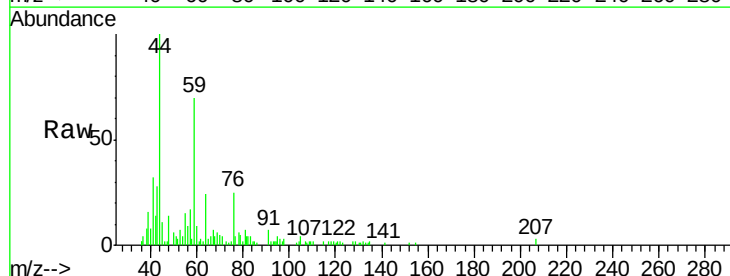
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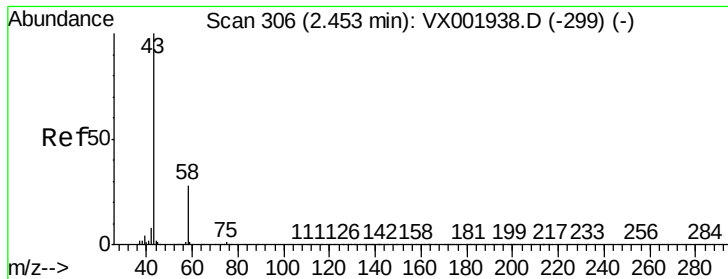


#11

Tert butyl alcohol
 Concen: 7.987 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Tgt Ion	Ratio	Lower	Upper
59	100		
57	13.6	8.9	13.3





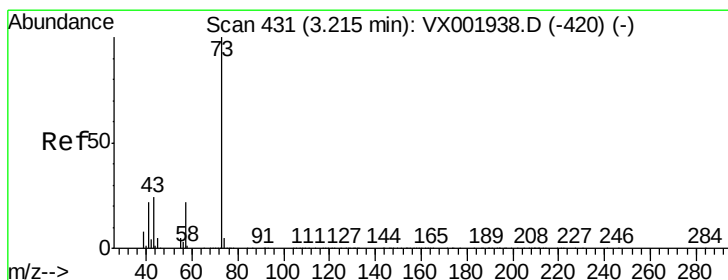
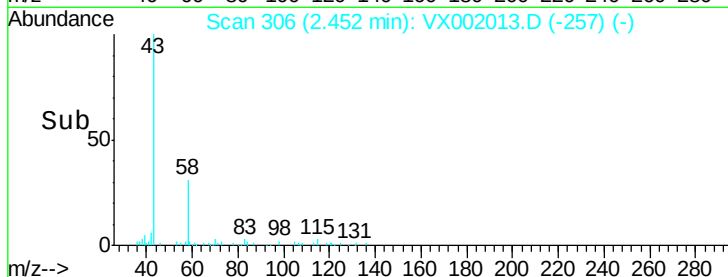
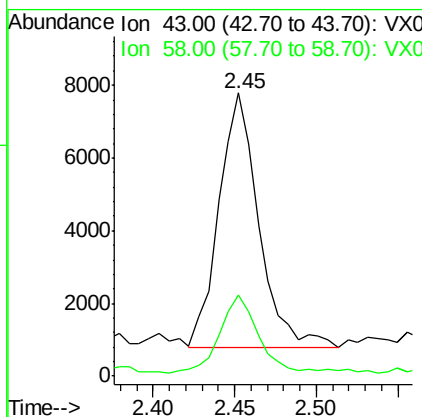
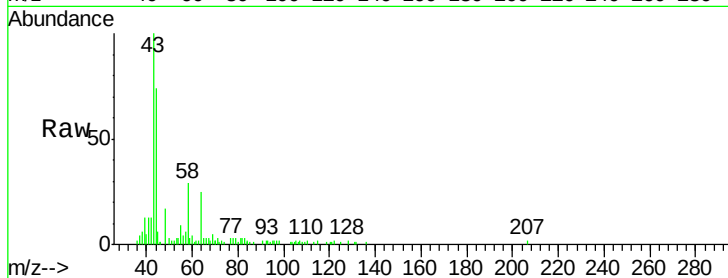
#16
Acetone
Concen: 6.484 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Instrument :
MSVOA_X
ClientSampled :
MW-28

Tot Ion: 43 Resp: 11985
Ion Ratio Lower Upper
43 100
58 29.7 22.3 33.5

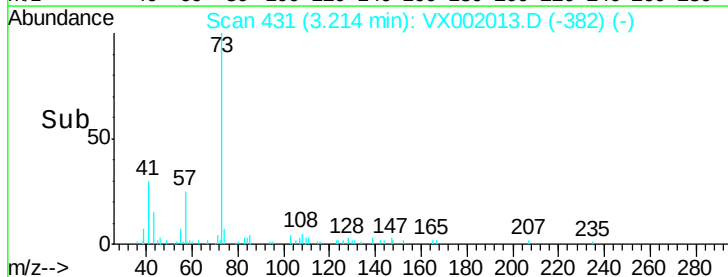
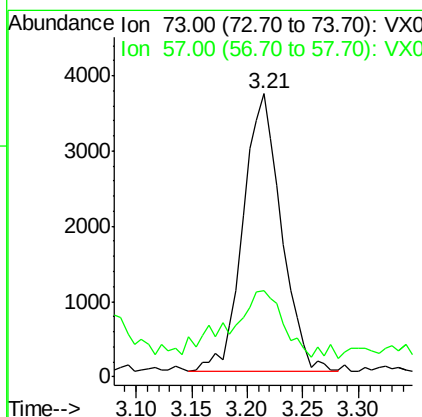
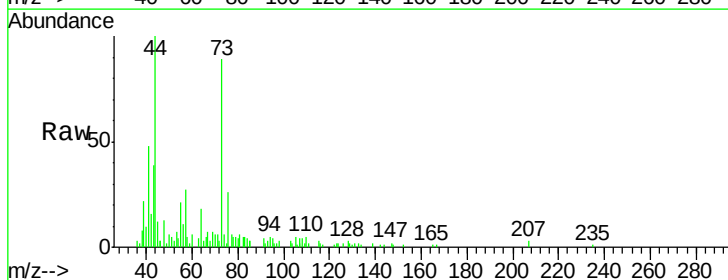
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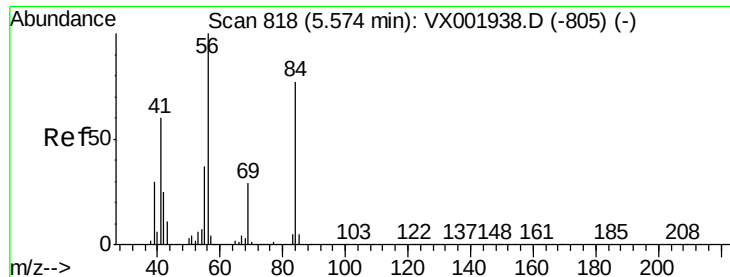
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#19
Methyl tert-butyl Ether
Concen: 0.746 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion: 73 Resp: 8766
Ion Ratio Lower Upper
73 100
57 24.9 17.4 26.0





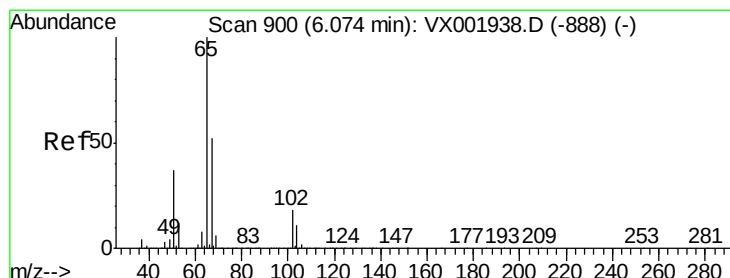
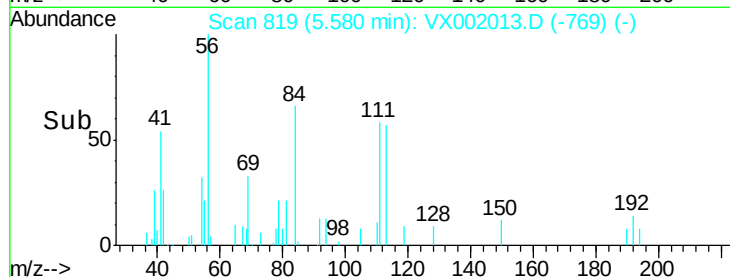
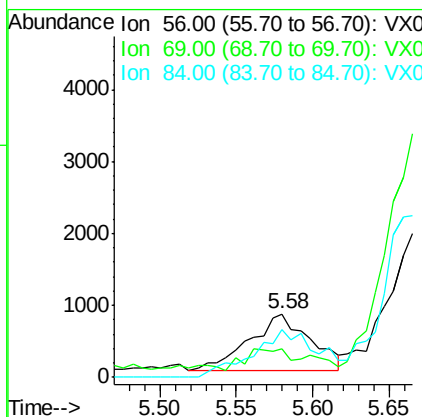
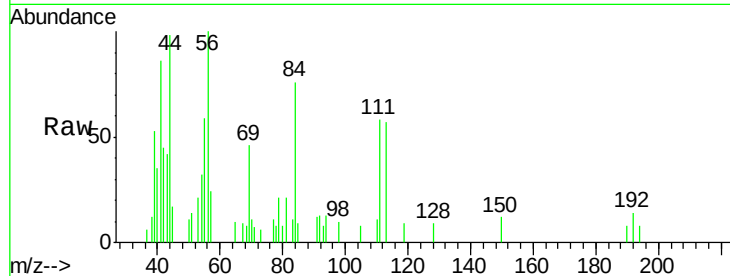
#31
Cyclohexane
Concen: 0.332 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Instrument :
MSVOA_X
ClientSampled :
MW-28

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	23.1	34.7#
84	85.2	62.0	93.0

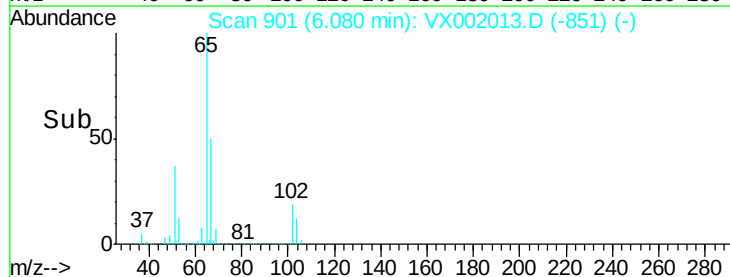
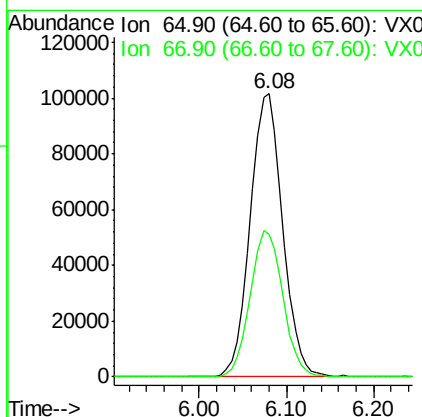
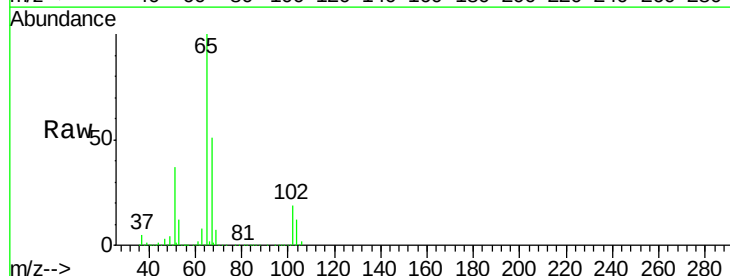
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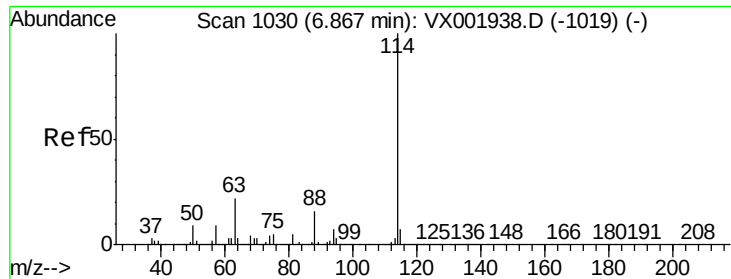
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#33
1,2-Dichloroethane-d4
Concen: 54.672 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0





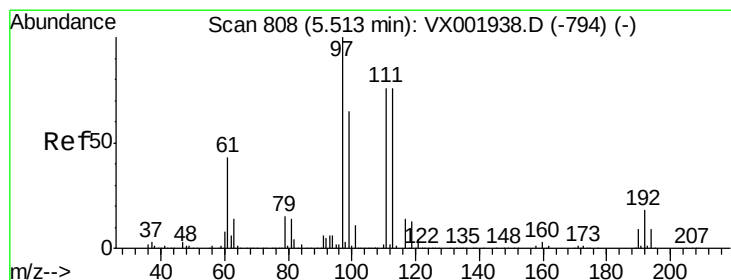
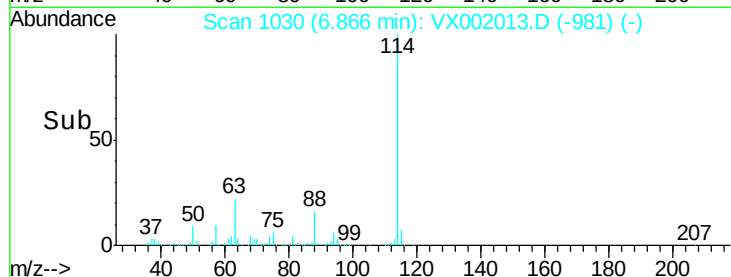
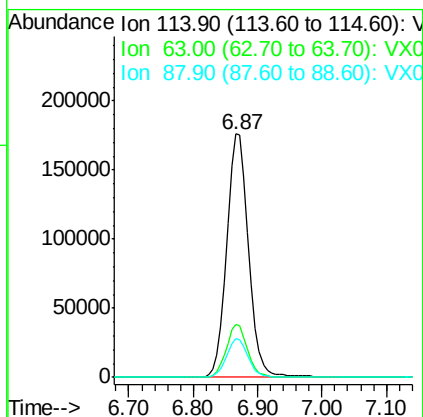
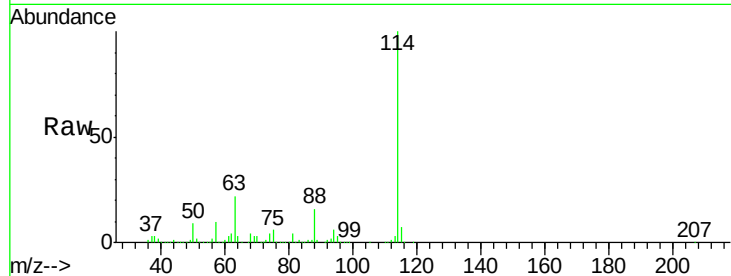
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.0	0.0	31.6

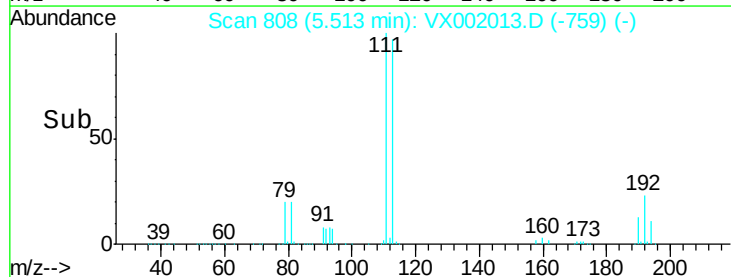
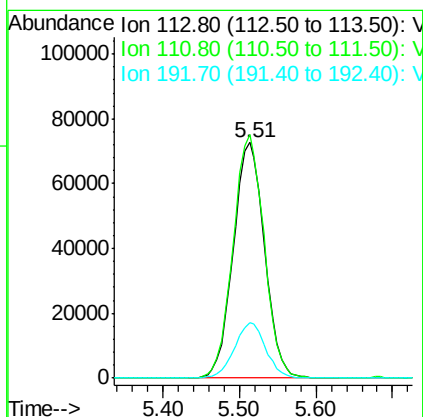
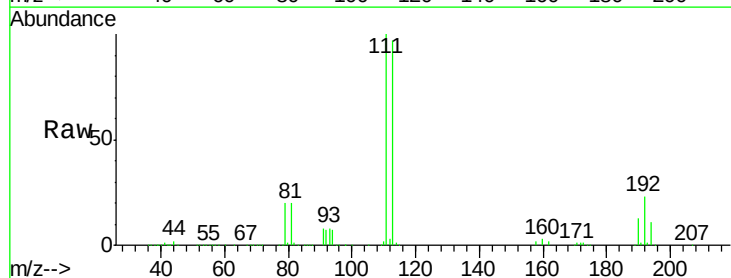
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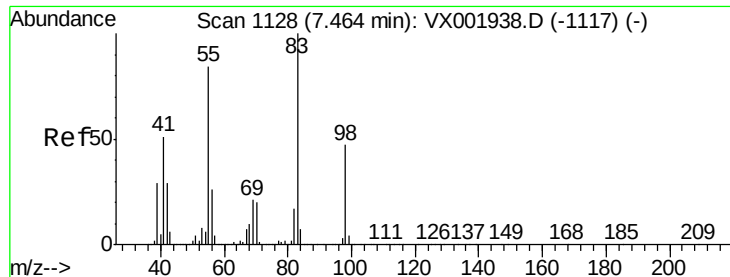
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#35
 Dibromofluoromethane
 Concen: 48.780 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.4	18.9	28.3





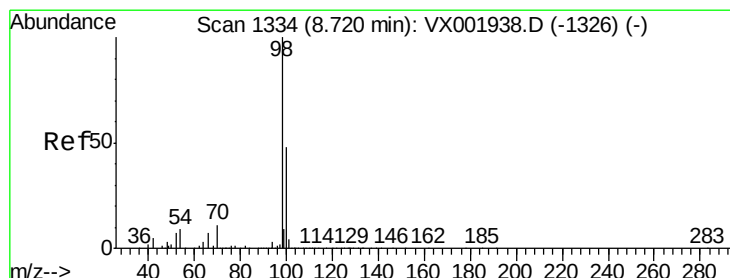
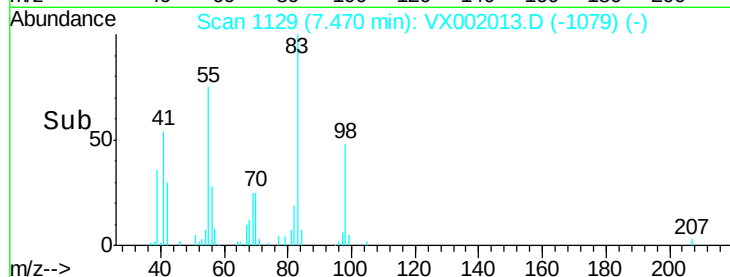
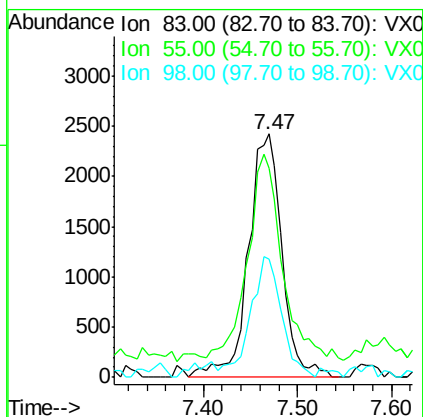
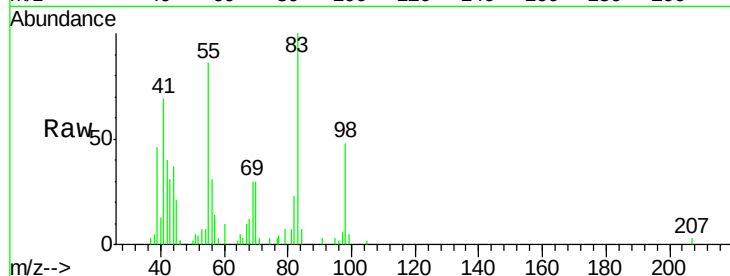
#39
Methylvlcyclohexane
Concen: 0.841 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Instrument :
MSVOA_X
ClientSampled :
MW-28

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	67.3	100.9
98	45.9	37.5	56.3

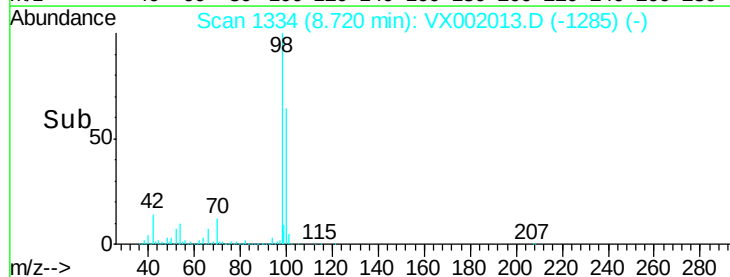
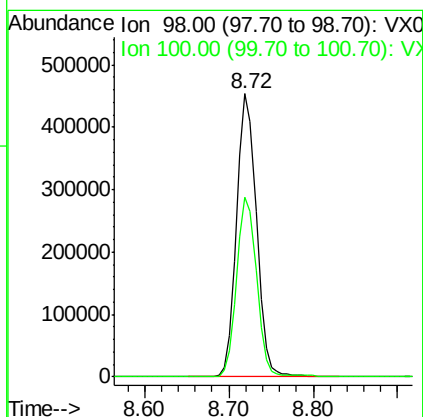
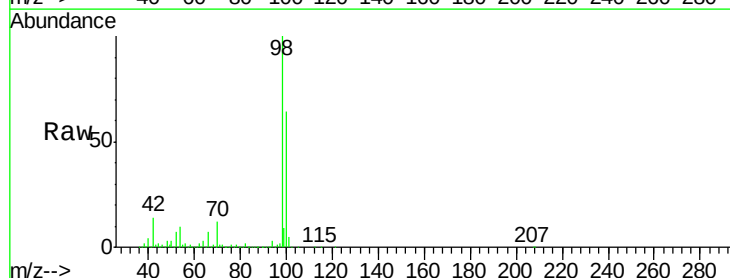
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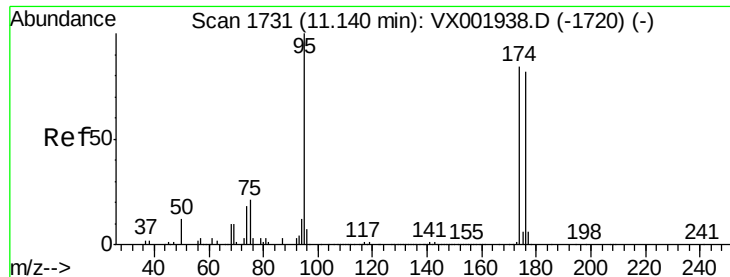
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#50
Toluene-d8
Concen: 47.214 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.5	77.3





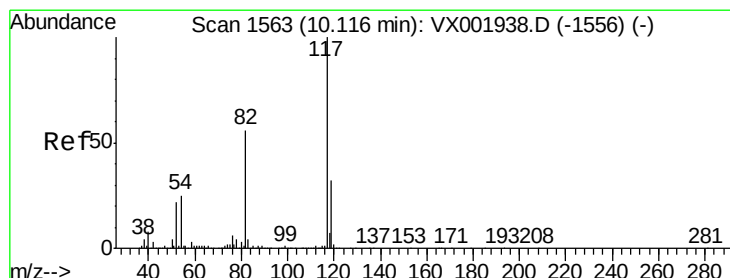
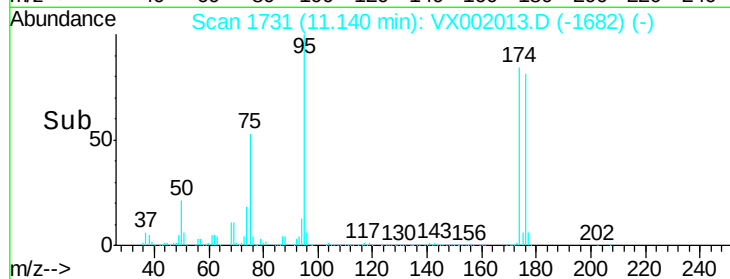
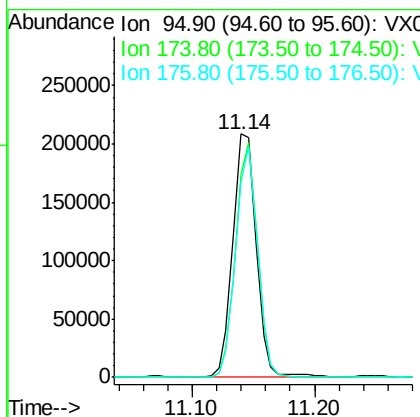
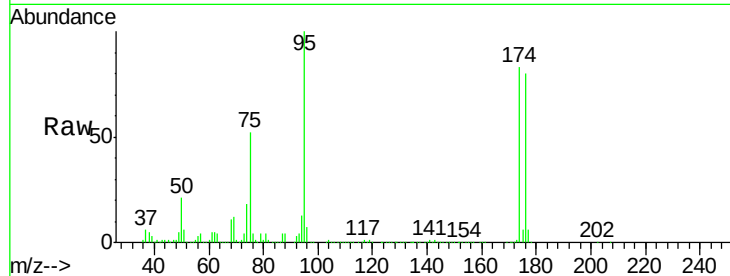
#62
4-Bromofluorobenzene
Concen: 46.139 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Instrument :
MSVOA_X
ClientSampled :
MW-28

Tot Ion	Ratio	Resp	Lower	Upper
95	100	275639		
174	90.1	0.0	178.8	
176	88.3	0.0	175.6	

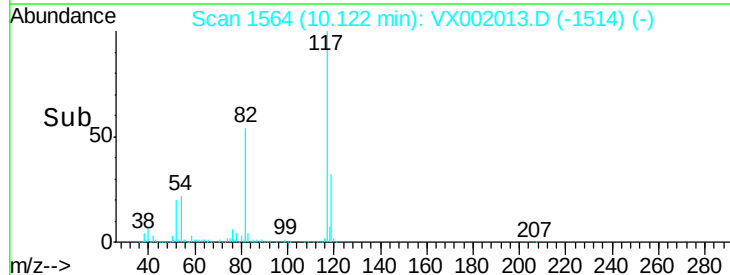
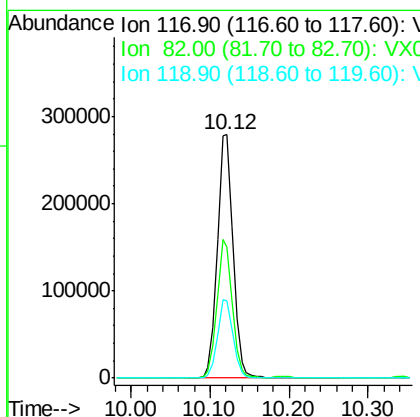
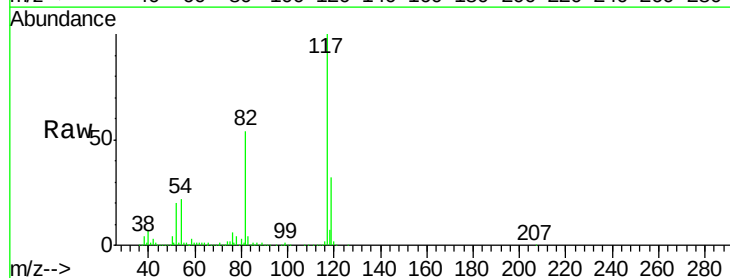
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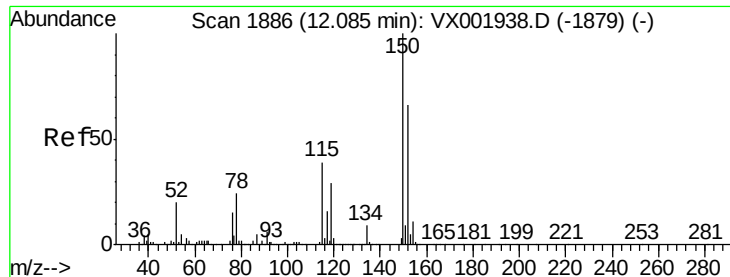
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	390352		
82	53.8	44.8	67.2	
119	31.9	25.5	38.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

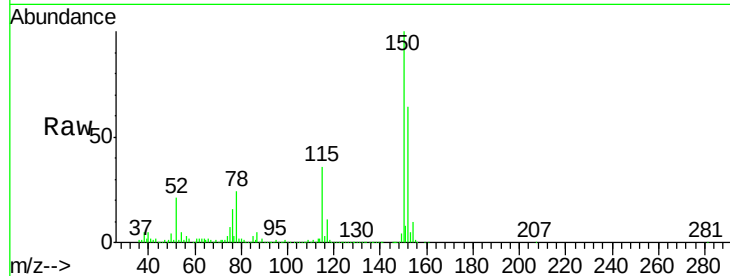
ClientSampled :

MW-28

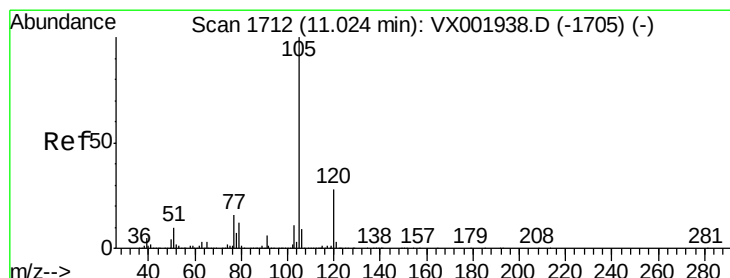
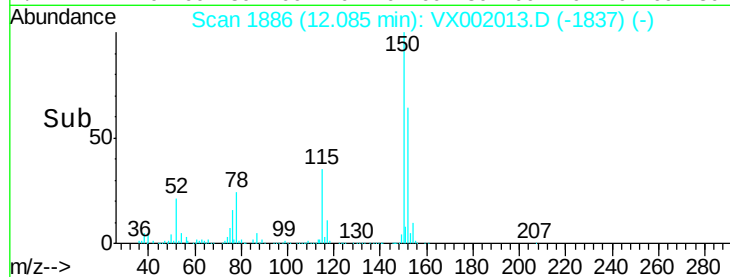
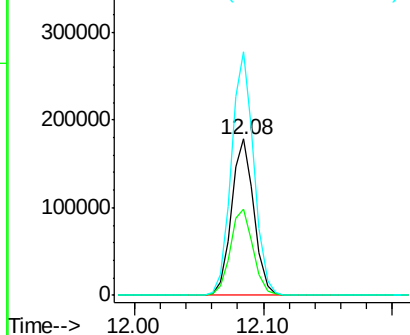
Tot Ion:	152	Resp:	216796
Ion Ratio	Lower	Upper	
152	100		
115	56.1	42.3	126.8
150	155.6	0.0	351.0

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.088 ug/l

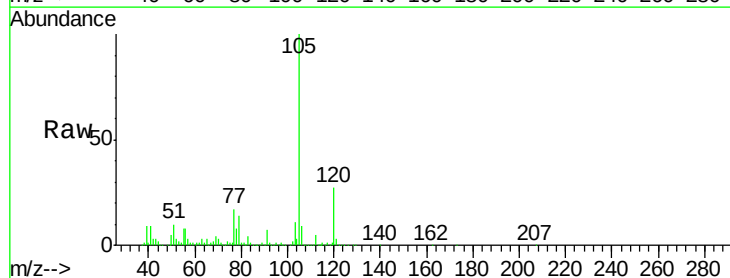
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

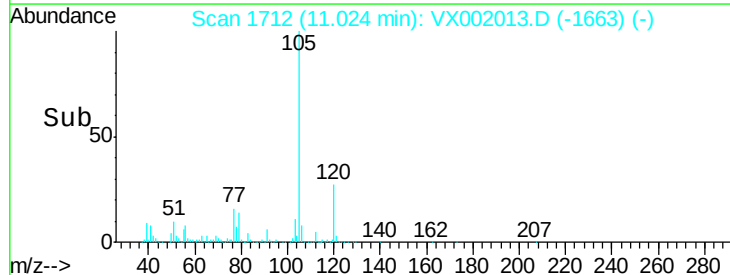
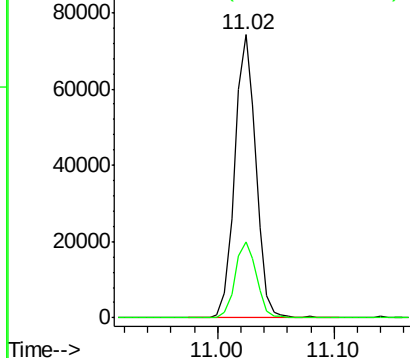
Lab File: VX002013.D

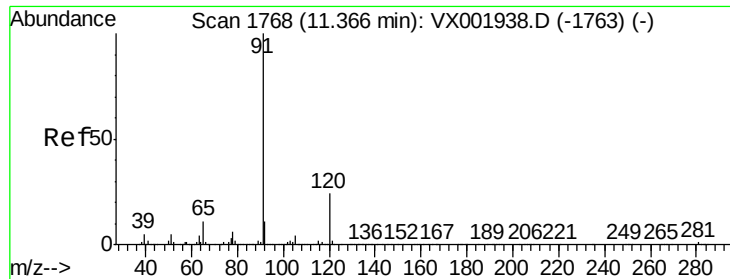
Acq: 26 May 2018 08:08

Tgt Ion:	105	Resp:	93408
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.6	40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 6.193 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

ClientSampled :

MW-28

Tot Ion: 91 Resp: 127345

Ion Ratio Lower Upper

91 100

120 22.8

11.9

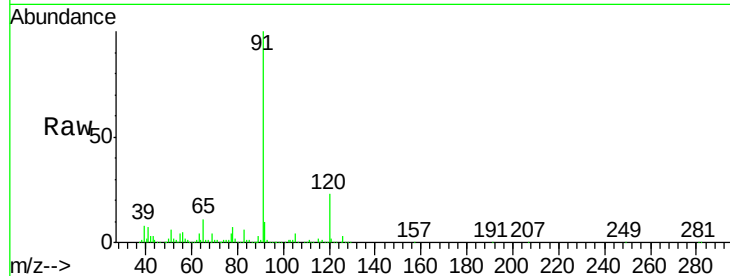
35.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

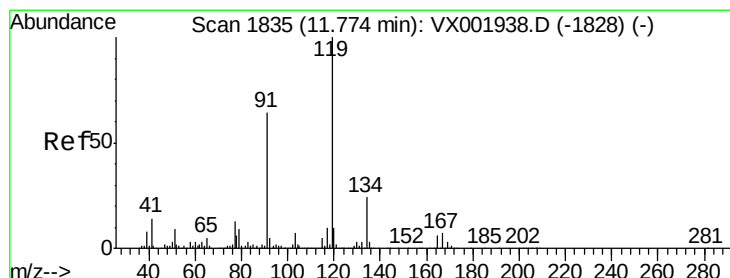
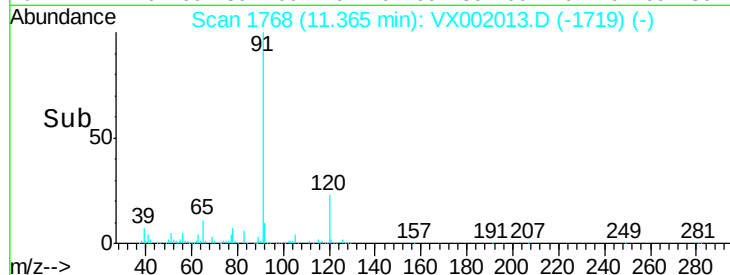
40000

20000

0

11.30 11.35 11.40 11.45

Time-->



#83

tert-Butylbenzene

Concen: 1.027 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Tgt Ion: 119 Resp: 15816

Ion Ratio Lower Upper

119 100

91 70.8

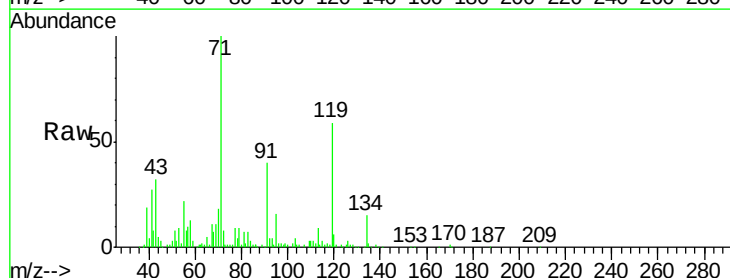
30.6

91.8

134 24.9

11.7

35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

15000

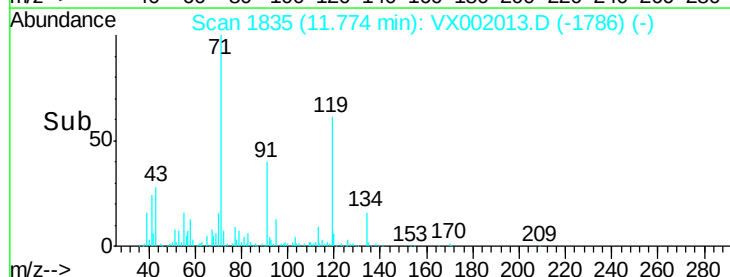
10000

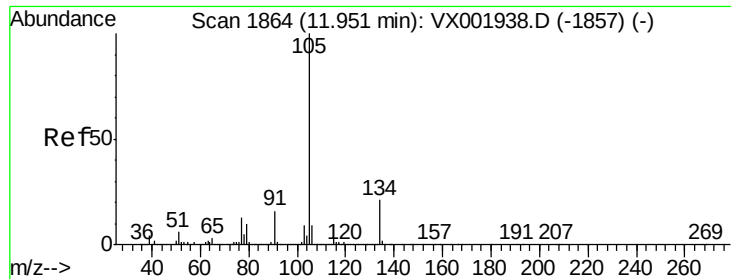
5000

0

11.70 11.80

Time-->





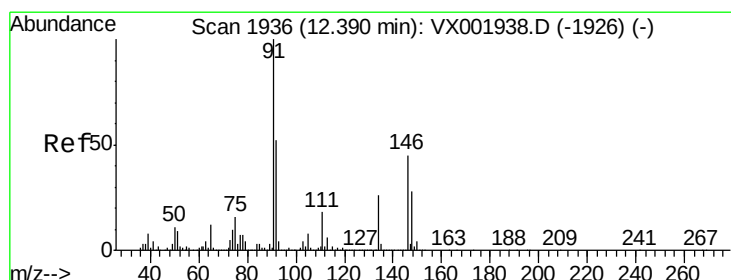
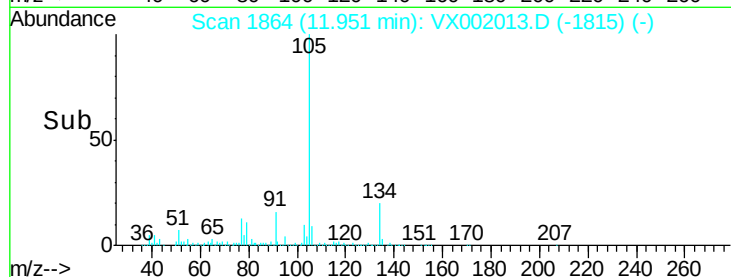
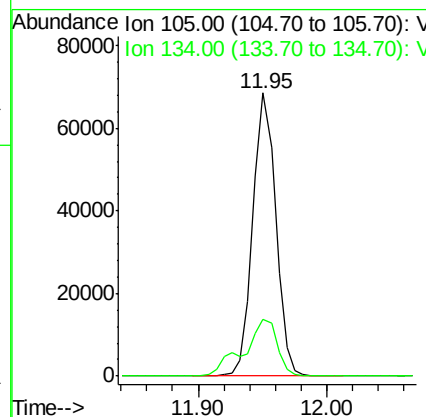
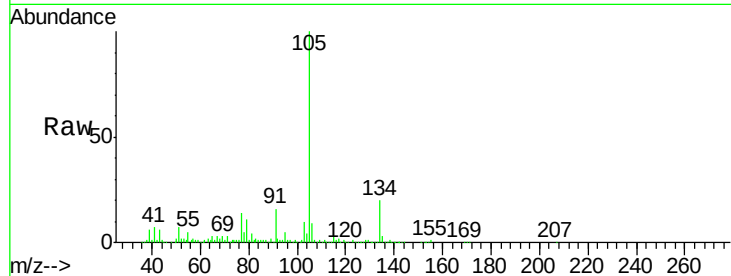
#85
 sec-Butylbenzene
 Concen: 4.518 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Instrument :
 MSVOA_X
 ClientSampled :
 MW-28

Tot Ion	Ratio	Lower	Upper
105	100		
134	29.6	10.4	31.4

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 0.348 ug/l m
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.2	26.3	78.9
134	118.3	13.6	40.7#

