

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002019.D
 Acq On : 26 May 2018 15:15
 Operator : JC/MD
 Sample : J3064-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Manual Integrations
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MMDadoda
 5/30/2018 1:50:09 PM

Quant Time: May 29 04:09:07 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	295866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227675	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	268701	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.62%		
35) Dibromofluoromethane	5.51	113	208976	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.36%		
50) Toluene-d8	8.72	98	761610	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.96%		
62) 4-Bromofluorobenzene	11.14	95	281741	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.90%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	9190	8.85	ug/l #	91
16) Acetone	2.45	43	17847	8.74	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	26410	2.04	ug/l	95
31) Cyclohexane	5.57	56	3683	0.51	ug/l #	92
39) Methylcyclohexane	7.47	83	6851	0.89	ug/l	98
73) Isopropylbenzene	11.02	105	65620	3.40	ug/l	99
78) n-propylbenzene	11.37	91	85813	3.97	ug/l	98
83) tert-Butylbenzene	11.77	119	15277	0.94	ug/l	89
85) sec-Butylbenzene	11.95	105	65671	3.38	ug/l	82
89) n-Butylbenzene	12.39	91	11473m	0.78	ug/l	

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

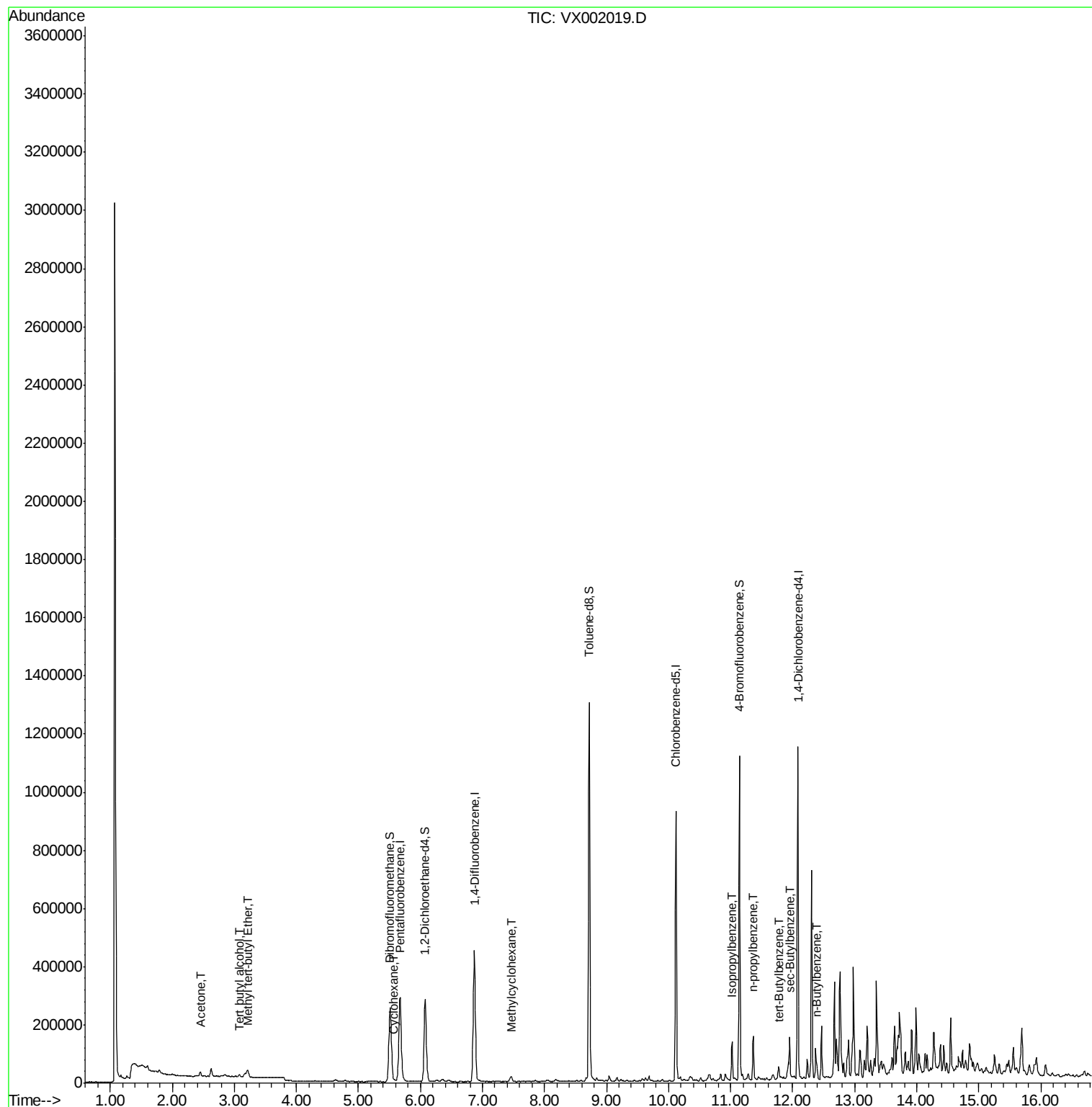
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002019.D
Acq On : 26 May 2018 15:15
Operator : JC/MD
Sample : J3064-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Manual Integrations
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5/30/2018 1:50:09 PM

Quant Time: May 29 04:09:07 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

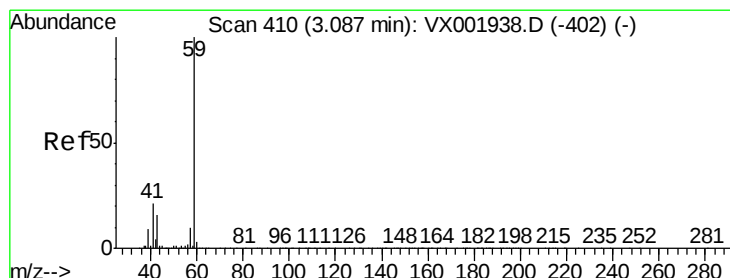
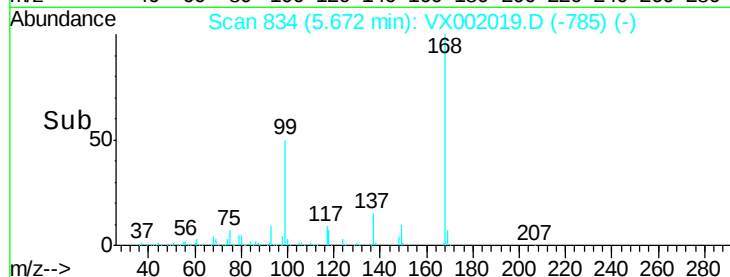
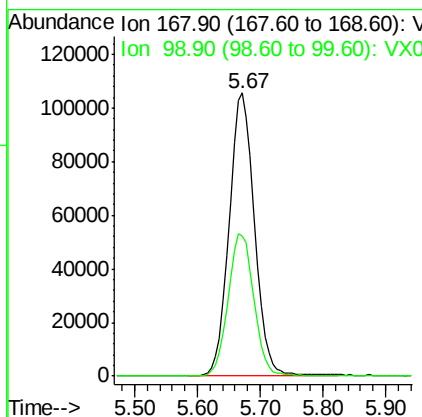
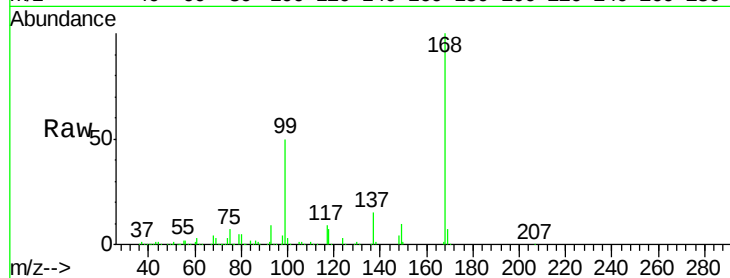
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: VX002019.D
 Acq: 26 May 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	295866		
99	49.5	41.0	61.4	

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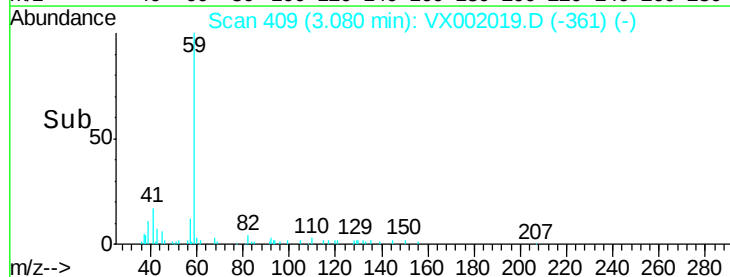
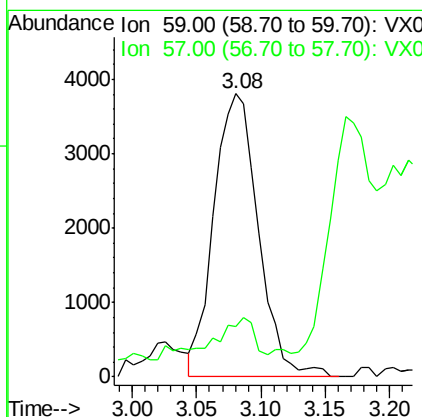
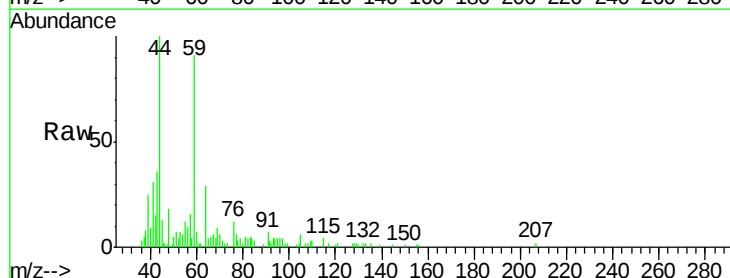
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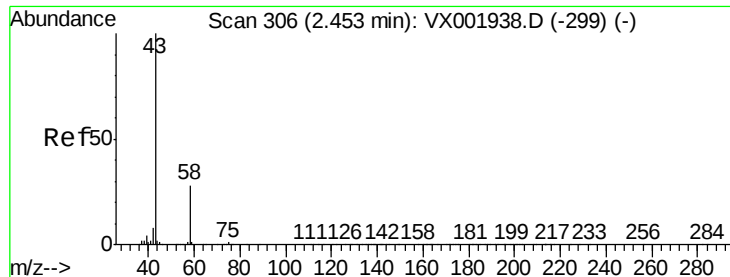


#11

Tert butyl alcohol
 Concen: 8.85 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX002019.D
 Acq: 26 May 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	9190		
57	14.7	8.9	13.3	





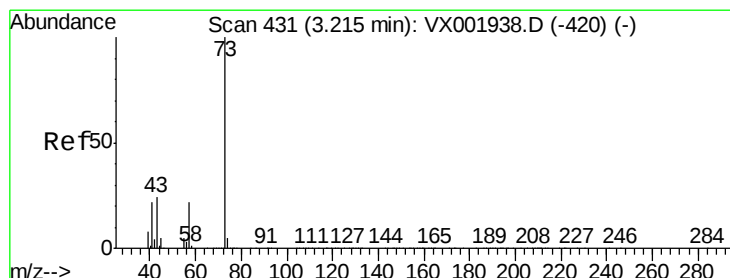
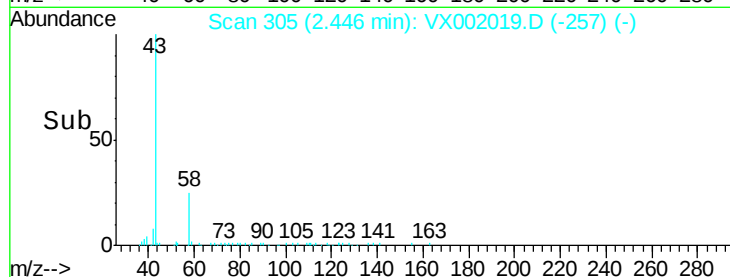
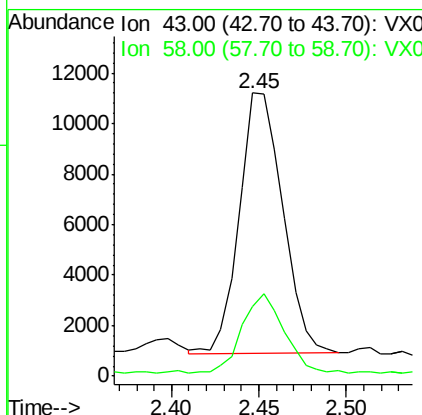
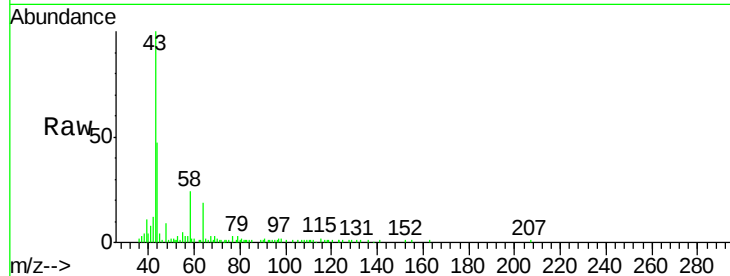
#16
Acetone
Concen: 8.74 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tot Ion	43	Resp	17847
Ion Ratio	100	Lower	Upper
58	25.3	22.3	33.5

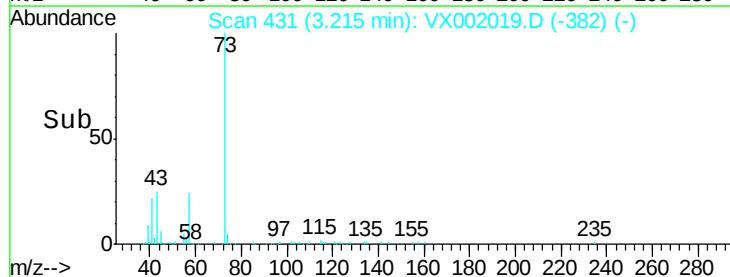
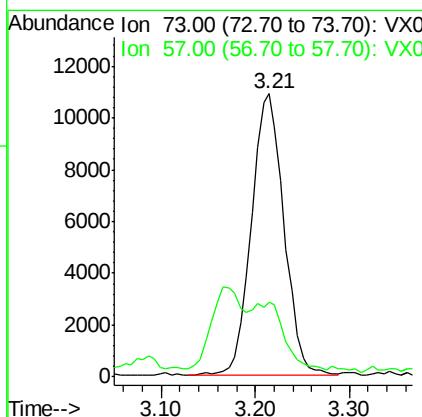
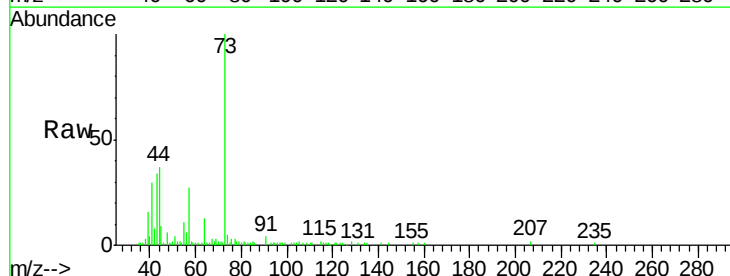
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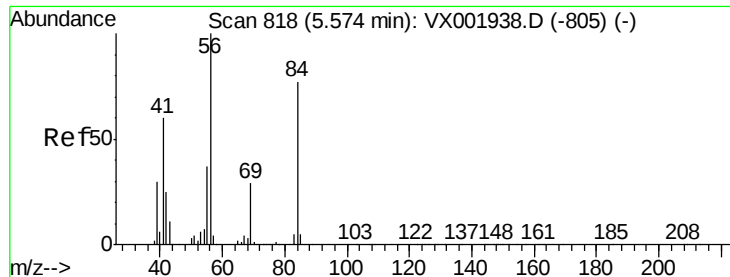
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#19
Methyl tert-butyl Ether
Concen: 2.04 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Tgt Ion	73	Resp	26410
Ion Ratio	100	Lower	Upper
57	24.1	17.4	26.0





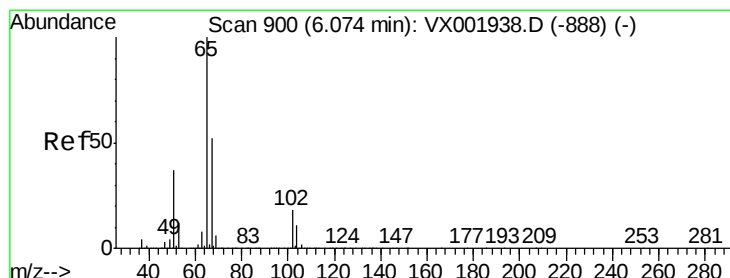
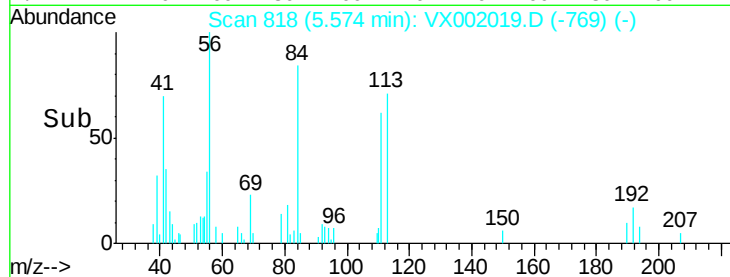
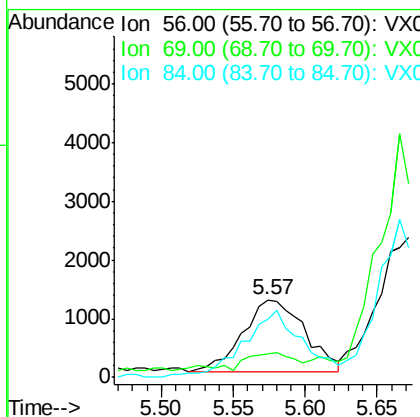
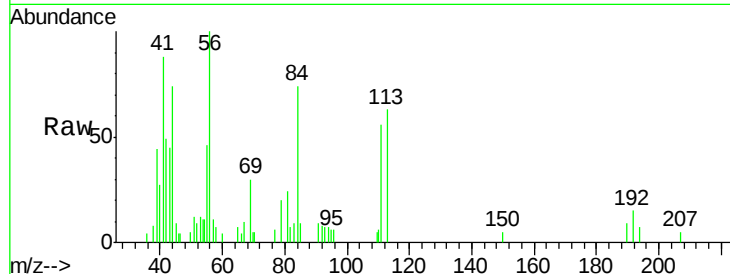
#31
Cyclohexane
Concen: 0.51 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Instrument :
MSVOA_X
ClientSampled :
MW-01

Tot Ion	Ratio	Lower	Upper
56	100		
69	19.2	23.1	34.7#
84	73.8	62.0	93.0

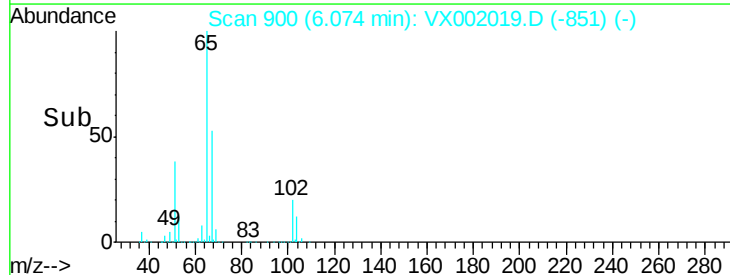
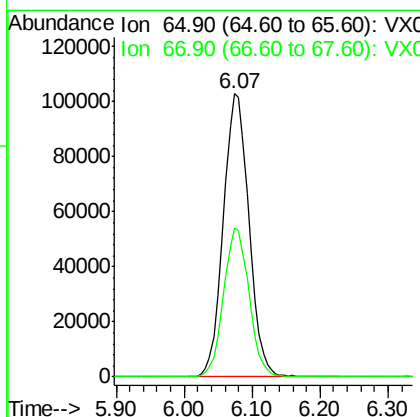
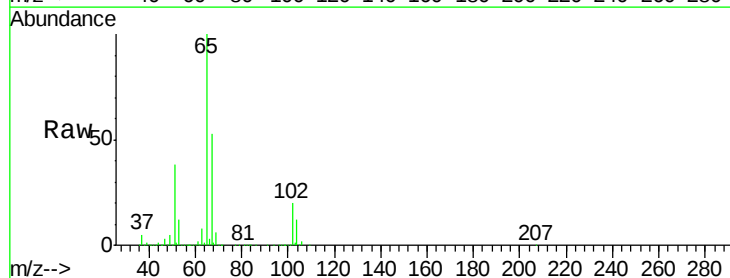
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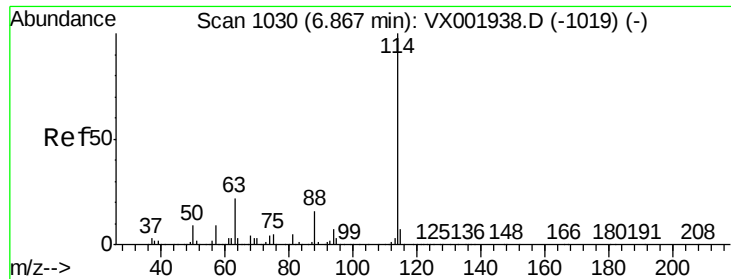
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#33
1,2-Dichloroethane-d4
Concen: 50.81 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002019.D

Acq: 26 May 2018 15:15

Instrument :

MSVOA_X

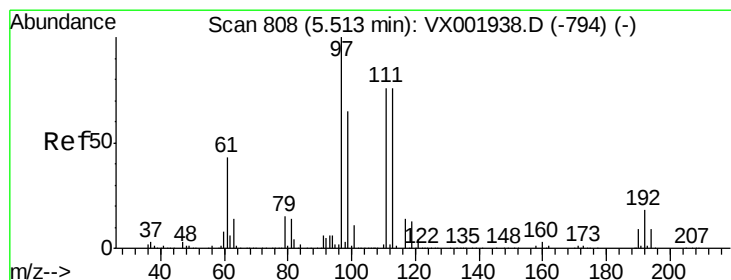
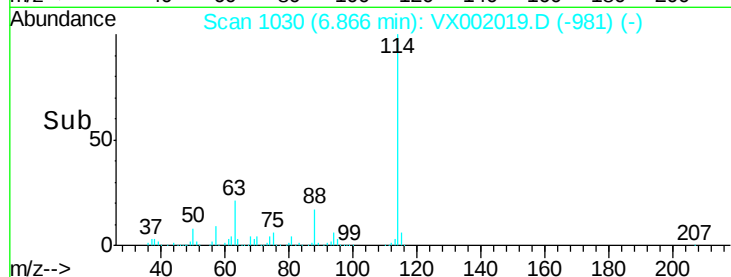
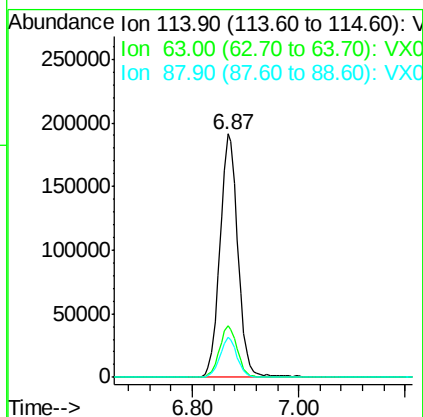
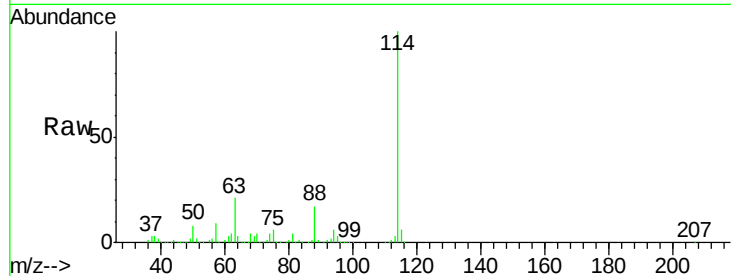
ClientSampled :

MW-01

Tot Ion:	114	Resp:	452552
Ion Ratio		Lower	Upper
114	100		
63	21.3	0.0	43.2
88	16.6	0.0	31.6

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#35

Dibromofluoromethane

Concen: 46.18 ug/l

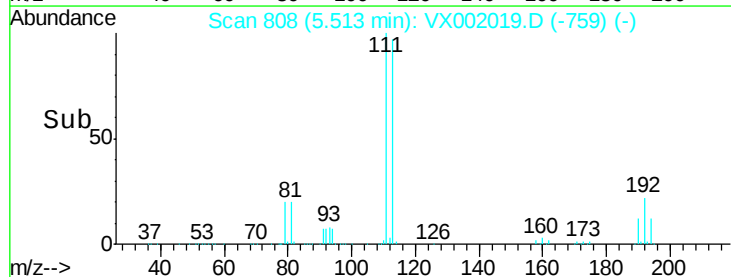
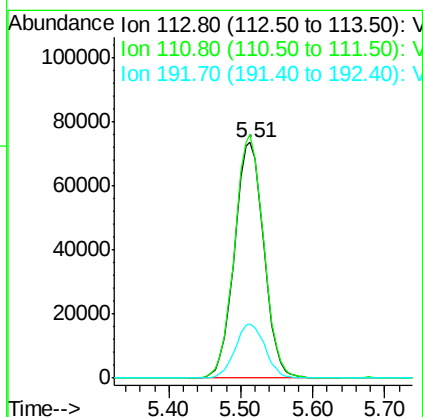
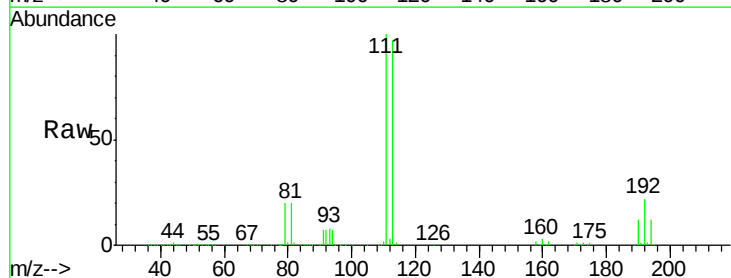
RT: 5.51 min Scan# 808

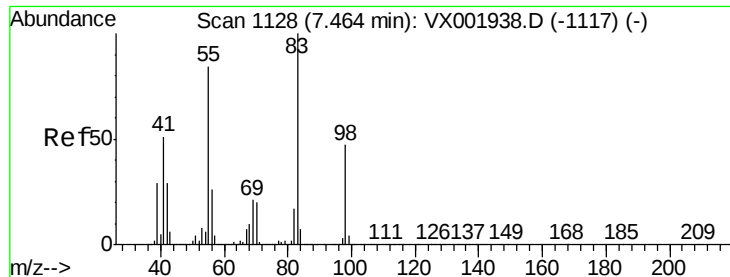
Delta R.T. -0.00 min

Lab File: VX002019.D

Acq: 26 May 2018 15:15

Tgt Ion:	113	Resp:	208976
Ion Ratio		Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.2	18.9	28.3





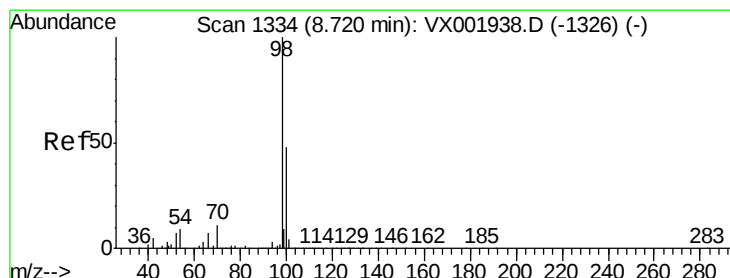
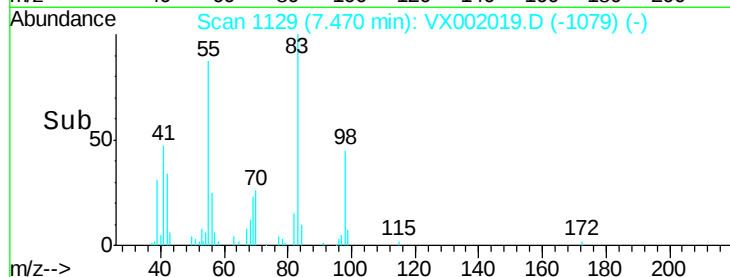
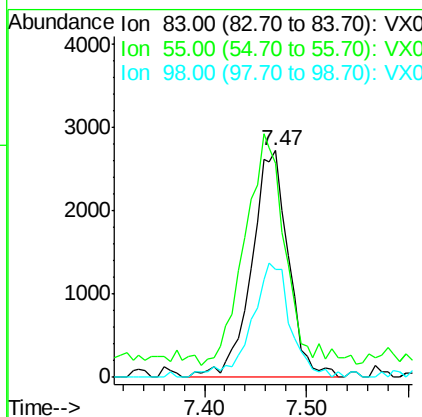
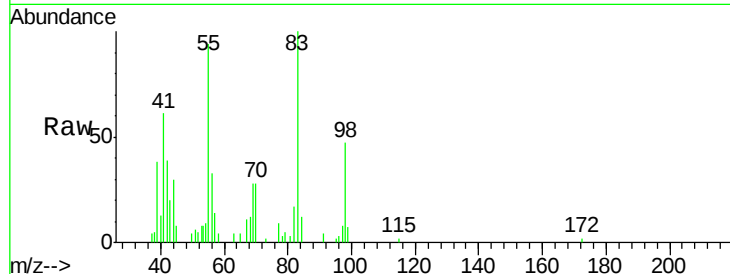
#39
Methvlcvclohexane
Concen: 0.89 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.0	67.3	100.9
98	47.4	37.5	56.3

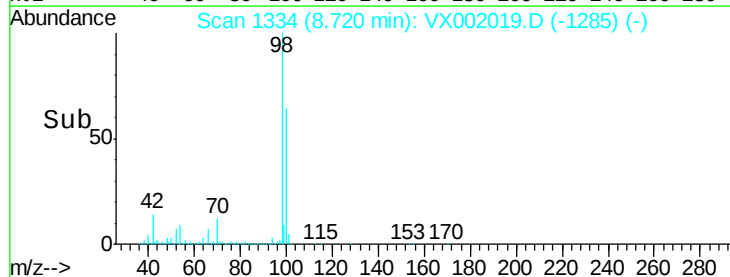
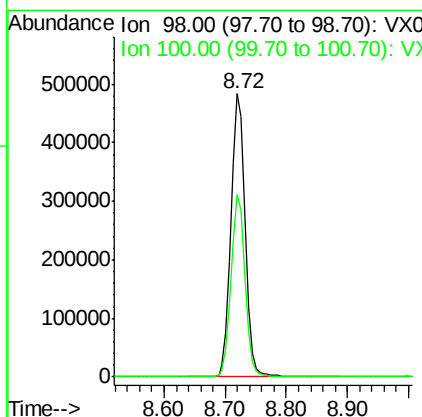
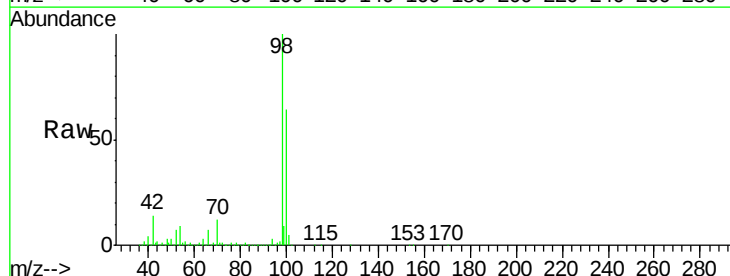
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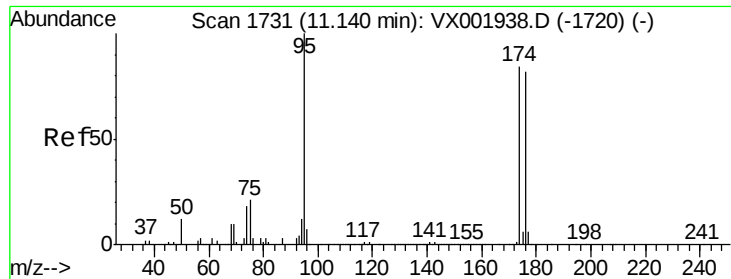
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#50
Toluene-d8
Concen: 46.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





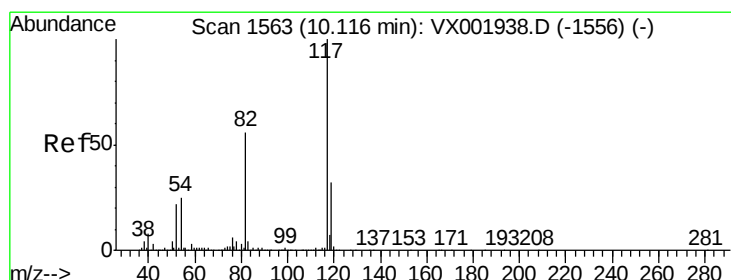
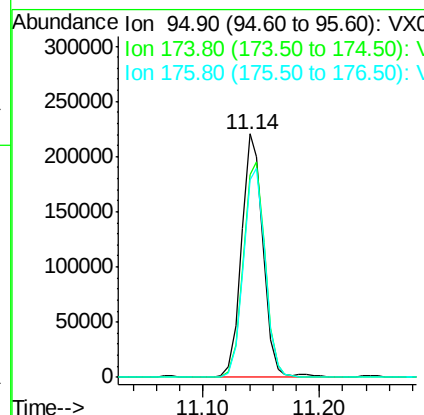
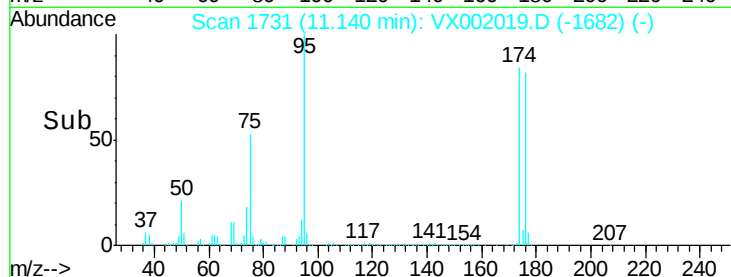
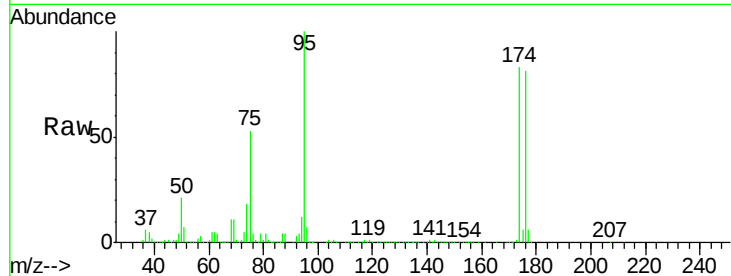
#62
4-Bromofluorobenzene
Concen: 43.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	281741		
174	90.0	0.0	178.8	
176	87.9	0.0	175.6	

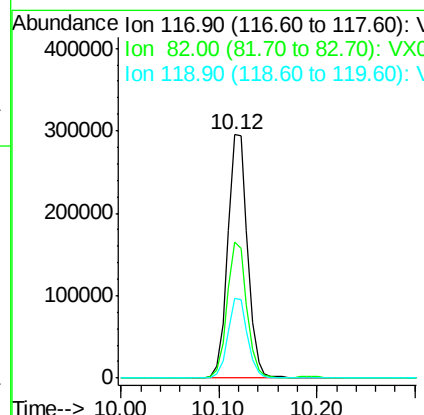
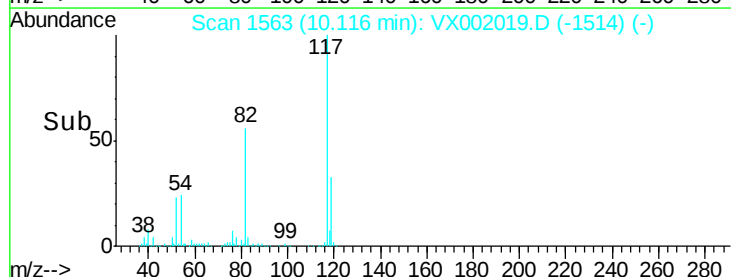
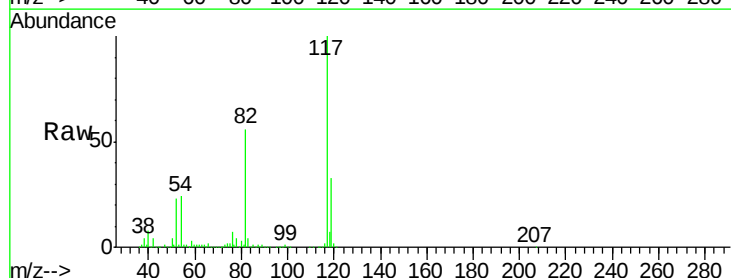
Manual Integrations
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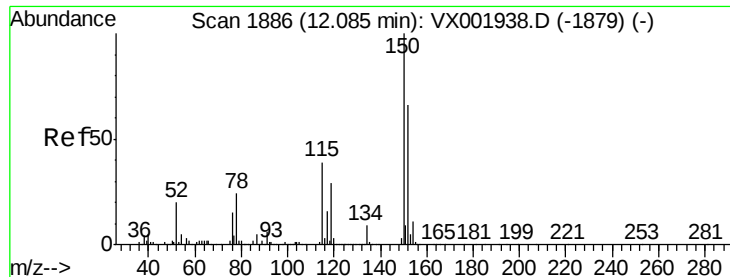
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5/30/2018 1:50:09 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002019.D
Acq: 26 May 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	413637		
82	55.8	44.8	67.2	
119	32.7	25.5	38.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002019.D

Acq: 26 May 2018 15:15

Instrument :

MSVOA_X

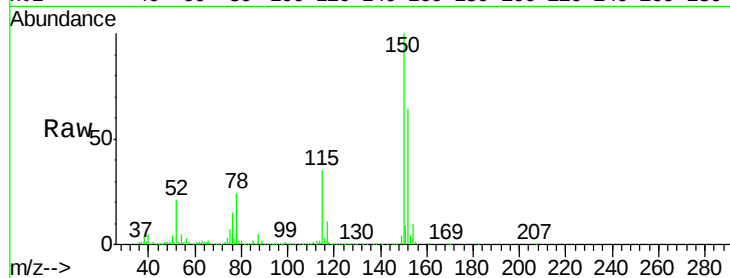
ClientSampled :

MW-01

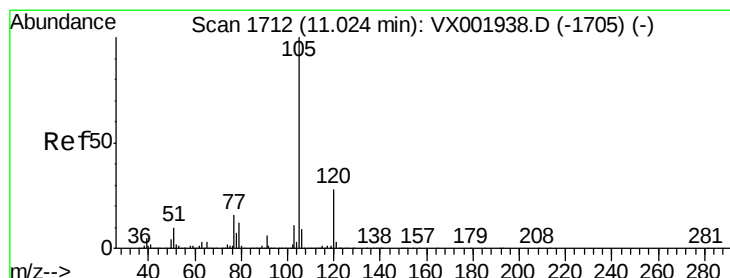
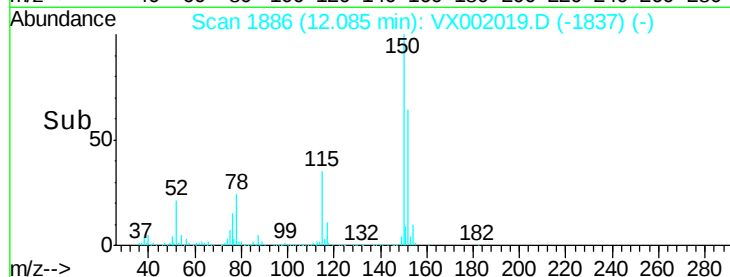
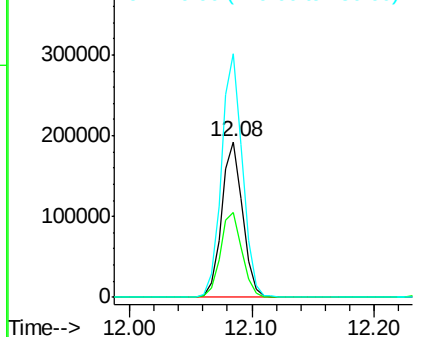
Tot Ion:	152	Resp:	227675
Ion Ratio	Lower	Upper	
152	100		
115	56.6	42.3	126.8
150	157.1	0.0	351.0

Manual Integrations
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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: 3.40 ug/l

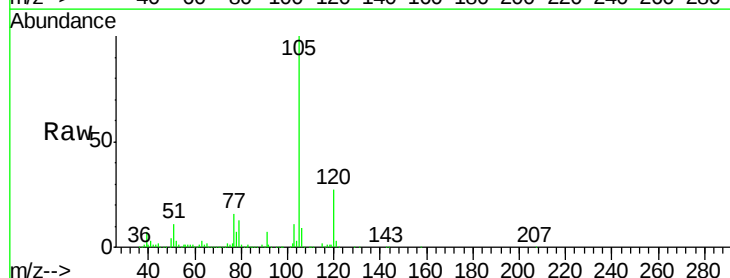
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

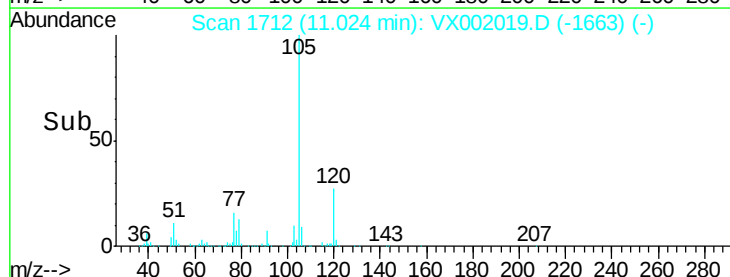
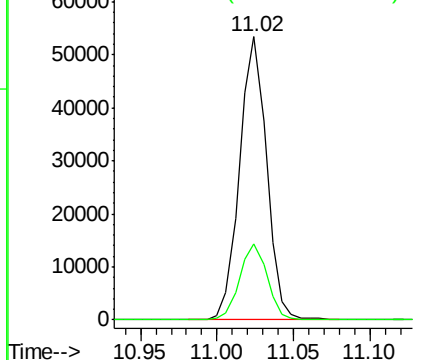
Lab File: VX002019.D

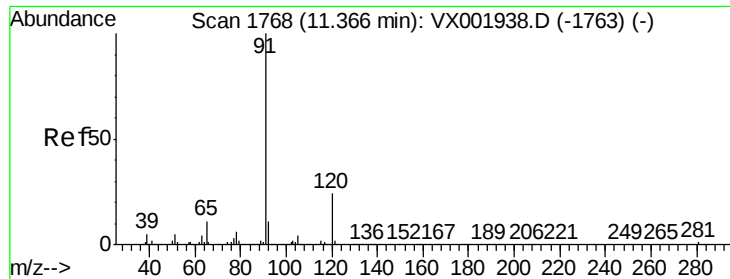
Acq: 26 May 2018 15:15

Tgt Ion:	105	Resp:	65620
Ion Ratio	Lower	Upper	
105	100		
120	27.4	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: 3.97 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002019.D

Acq: 26 May 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

MW-01

Tot Ion: 91 Resp: 85813

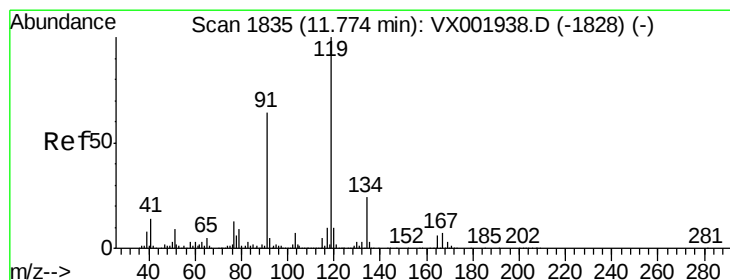
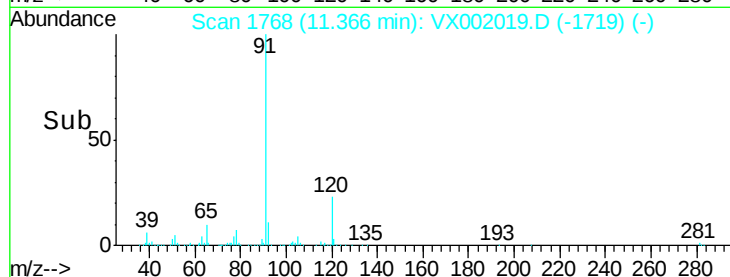
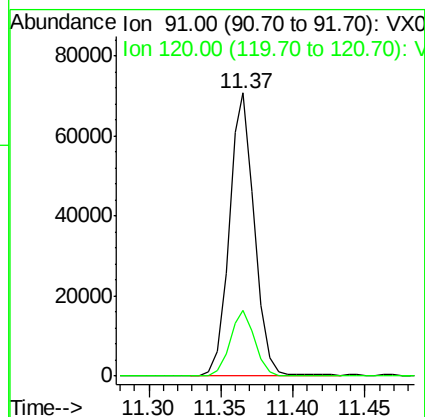
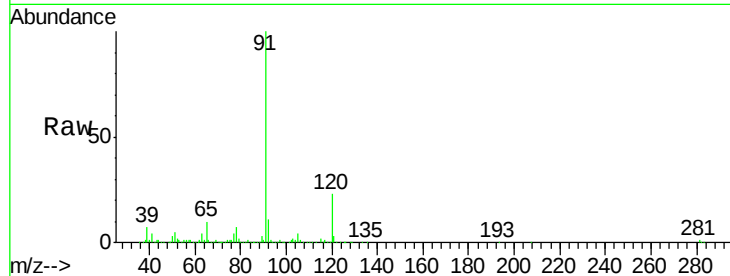
Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.7

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:50:09 PM



#83

tert-Butylbenzene

Concen: 0.94 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002019.D

Acq: 26 May 2018 15:15

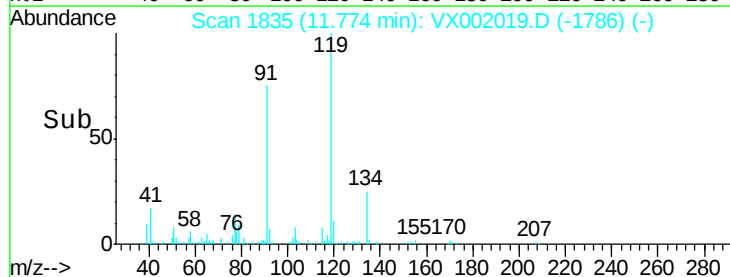
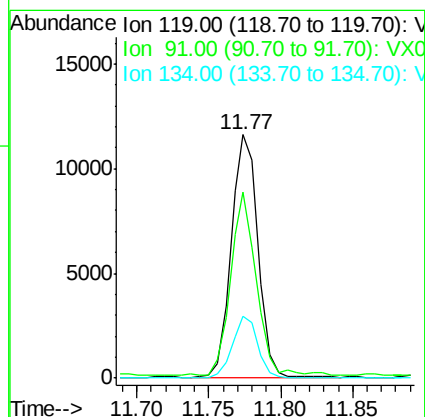
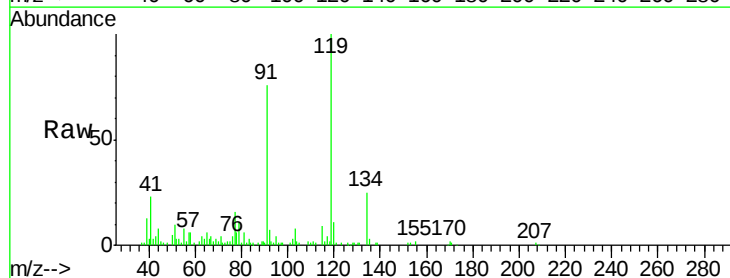
Tgt Ion: 119 Resp: 15277

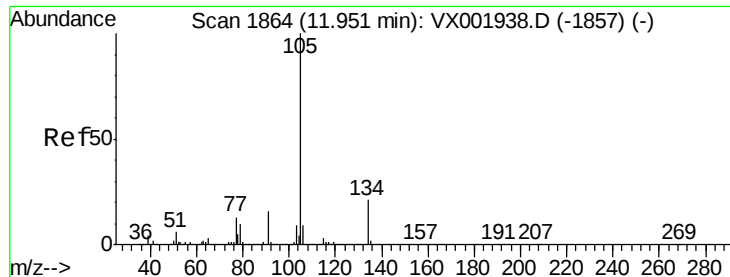
Ion Ratio Lower Upper

119 100

91 72.2 30.6 91.8

134 23.6 11.7 35.0





#85

sec-Butylbenzene

Concen: 3.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002019.D

Acq: 26 May 2018 15:15

Instrument :

MSVOA_X

ClientSampled :

MW-01

Tot Ion:105 Resp: 65671

Ion Ratio Lower Upper

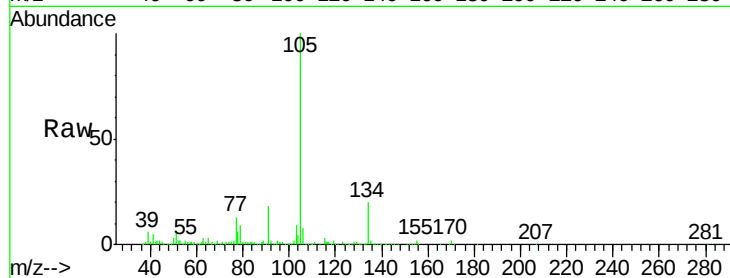
105 100

134 29.4 10.4 31.4

Manual Integrations
APPROVED

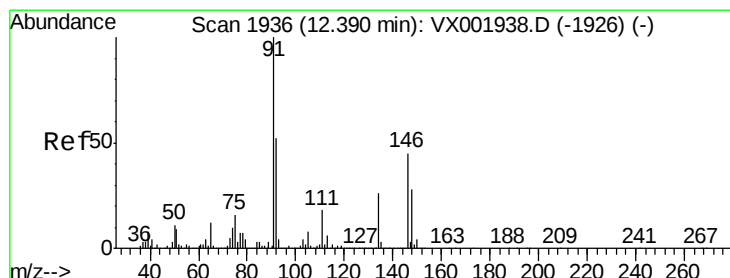
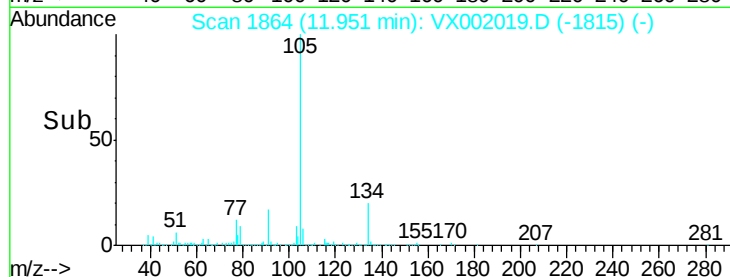
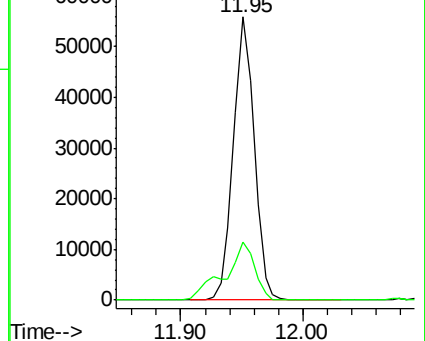
MMDadoda

5/30/2018 1:50:09 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.78 ug/l m

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002019.D

Acq: 26 May 2018 15:15

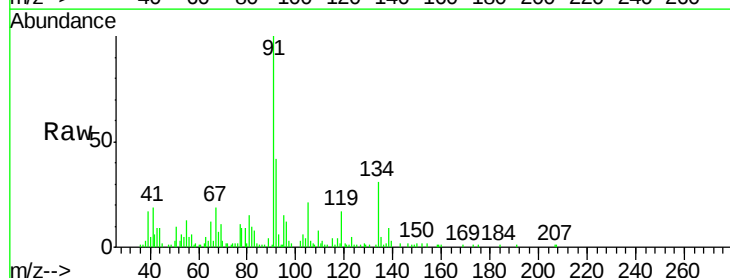
Tgt Ion: 91 Resp: 11473

Ion Ratio Lower Upper

91 100

92 53.7 26.3 78.9

134 0.0 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

