

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003157.D
 Acq On : 03 Jul 2018 19:00
 Operator : JC/MD
 Sample : J3754-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142

Manual Integrations
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sam
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Quant Time: Jul 05 09:43:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199196	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	171306	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.30%		
35) Dibromofluoromethane	5.51	113	140084	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.72%		
50) Toluene-d8	8.72	98	522926	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.82%		
62) 4-Bromofluorobenzene	11.14	95	186841	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.70%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	32596	44.082	ug/l	96
16) Acetone	2.45	43	4591	2.987	ug/l	96
31) Cyclohexane	5.57	56	54054	11.612	ug/l	96
39) Methylcyclohexane	7.46	83	58193	12.196	ug/l	97
40) Benzene	6.15	78	7674545	644.792	ug/l	99
52) Toluene	8.79	92	3412	0.447	ug/l	86
67) Ethyl Benzene	10.26	91	124264	8.431	ug/l	100
68) m/p-Xylenes	10.37	106	89848	15.817	ug/l	96
69) o-Xylene	10.70	106	39128	7.074	ug/l	98
73) Isopropylbenzene	11.02	105	79046	5.899	ug/l	100
78) n-propylbenzene	11.37	91	18251	1.197	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	37794	3.349	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	50601	4.327	ug/l	96
86) p-Isopropyltoluene	12.07	119	3781m	0.312	ug/l	

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

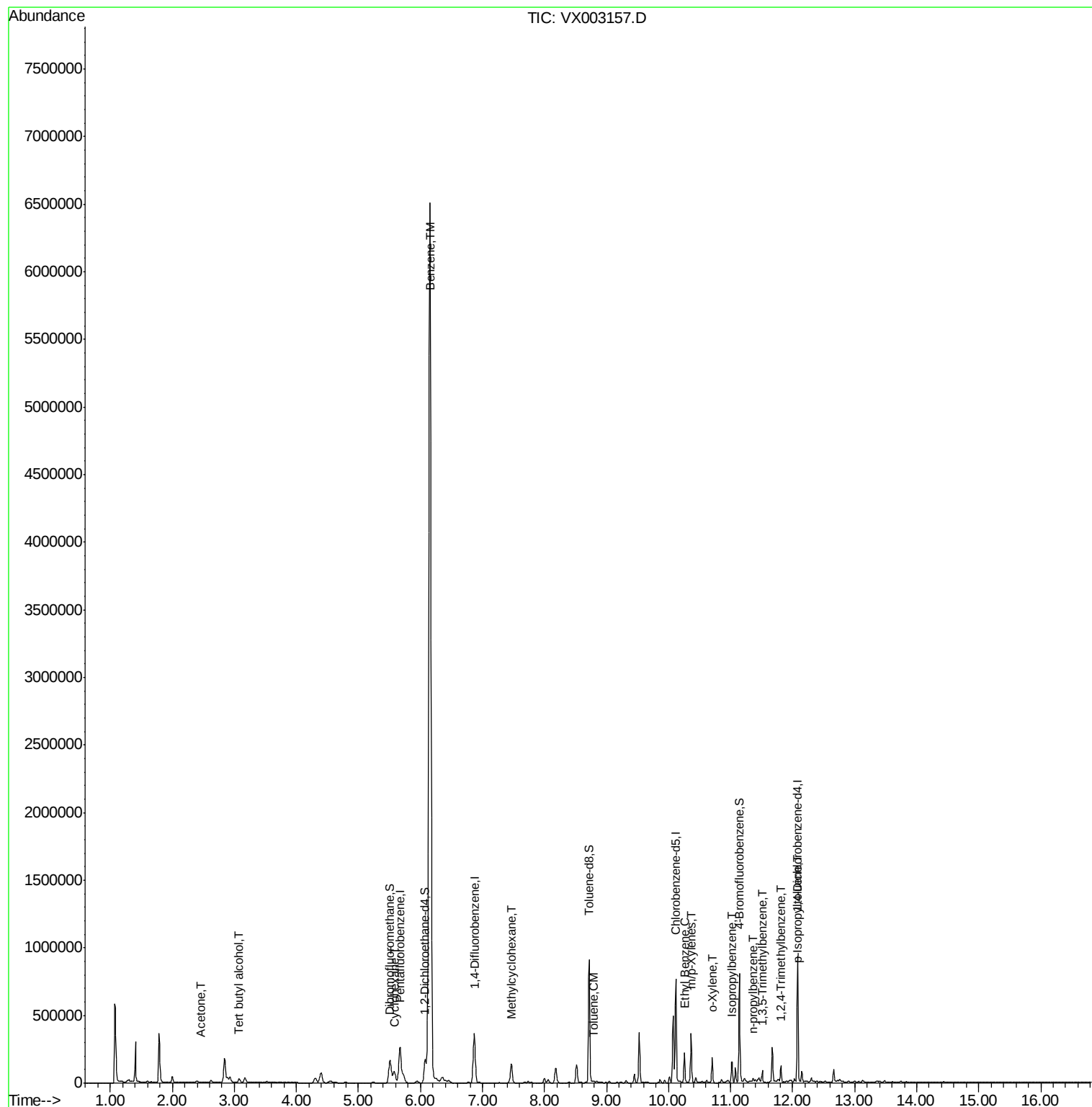
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070318\
Data File : VX003157.D
Acq On : 03 Jul 2018 19:00
Operator : JC/MD
Sample : J3754-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

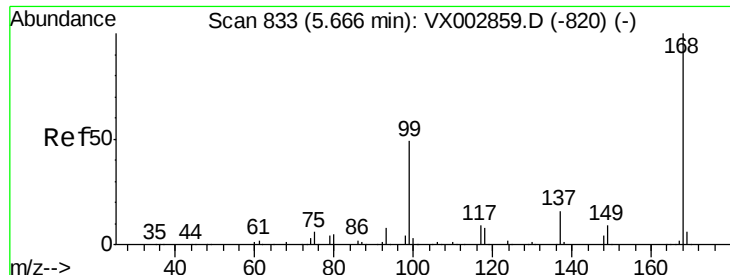
Instrument :
MSVOA_X
ClientSampleId :
S10-0142

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Quant Time: Jul 05 09:43:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003157.D

Acq: 03 Jul 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0142

Tot Ion:168 Resp: 268550

Ion Ratio Lower Upper

168 100

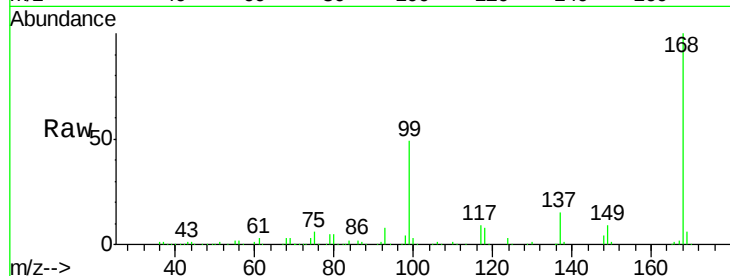
99 48.7 39.3 58.9

Manual Integrations

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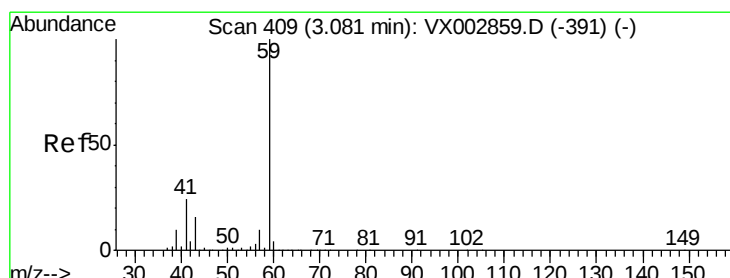
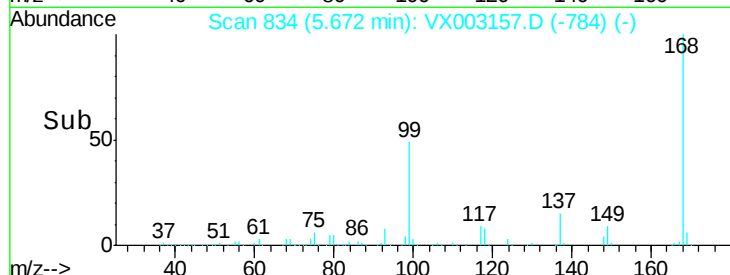
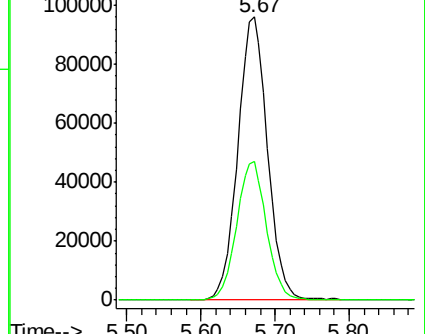
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 44.082 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003157.D

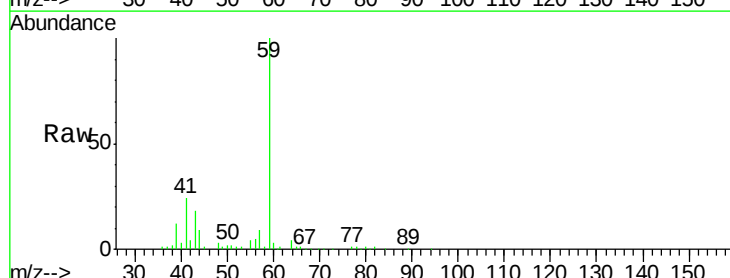
Acq: 03 Jul 2018 19:00

Tgt Ion: 59 Resp: 32596

Ion Ratio Lower Upper

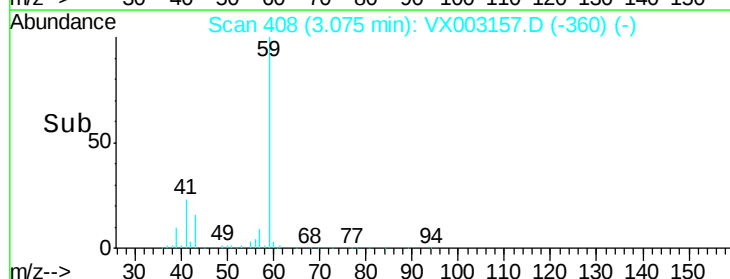
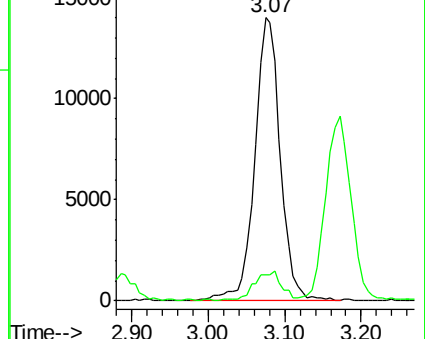
59 100

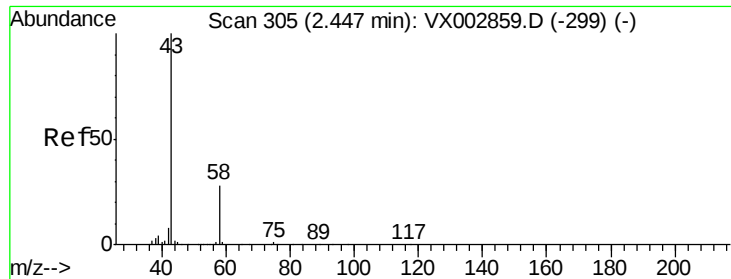
57 11.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





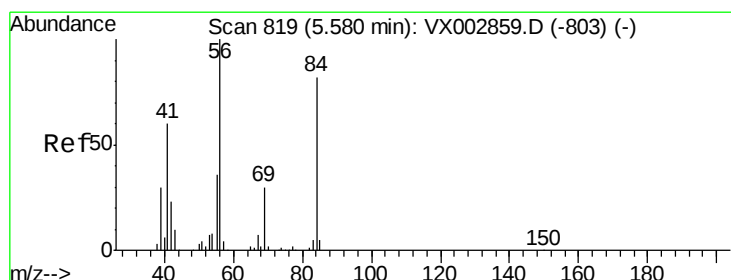
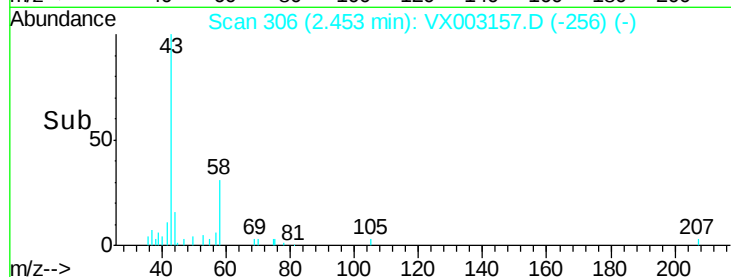
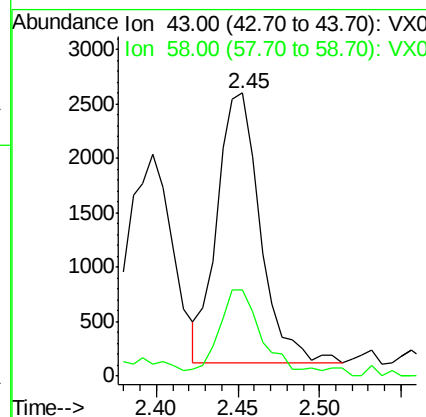
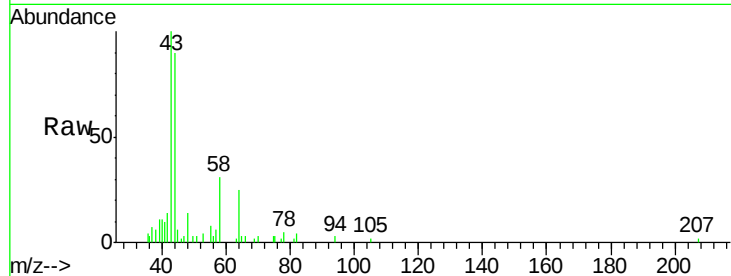
#16
Acetone
Concen: 2.987 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Instrument :
MSVOA_X
ClientSampled :
S10-0142

Tot Ion: 43 Resp: 4591
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1

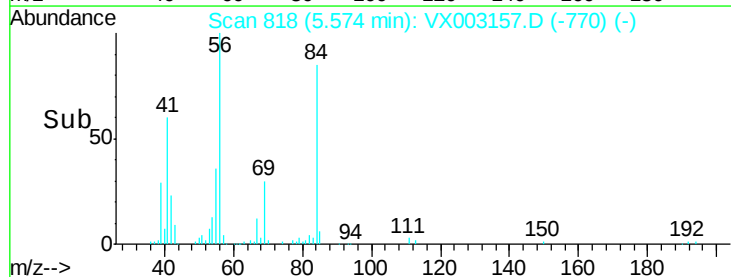
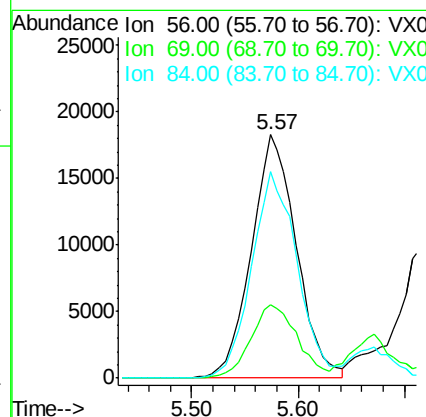
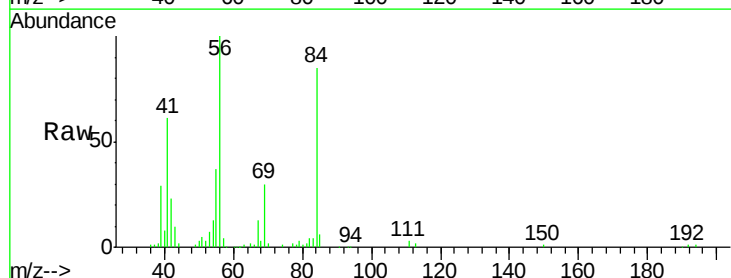
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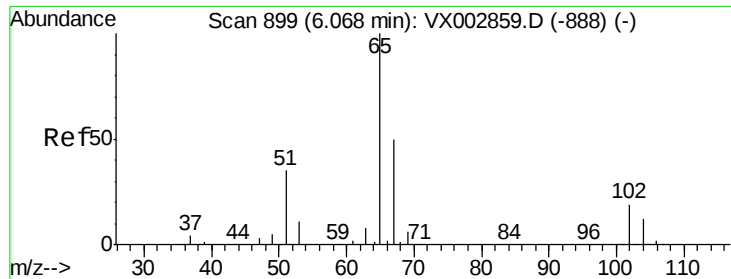
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#31
Cyclohexane
Concen: 11.612 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Tgt Ion: 56 Resp: 54054
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 84.8 64.1 96.1





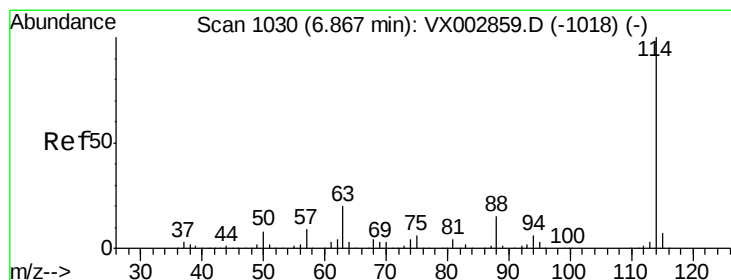
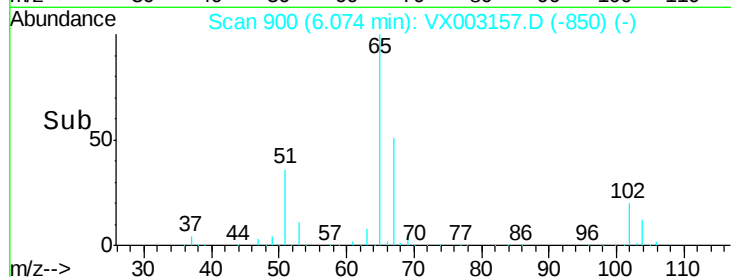
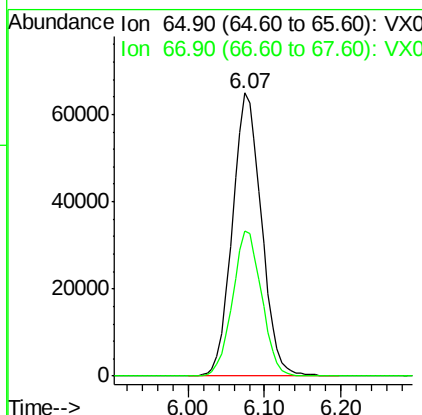
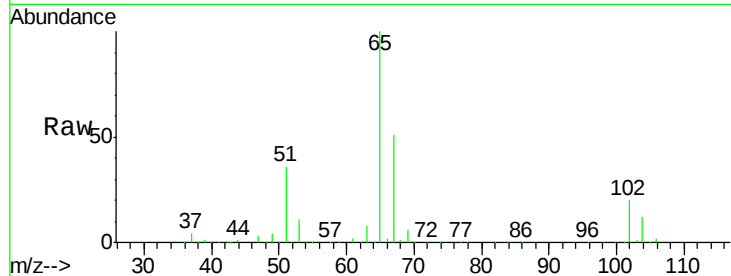
#33
 1,2-Dichloroethane-d4
 Concen: 46.150 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003157.D
 Acq: 03 Jul 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171306		
67	51.1	0.0	102.6	

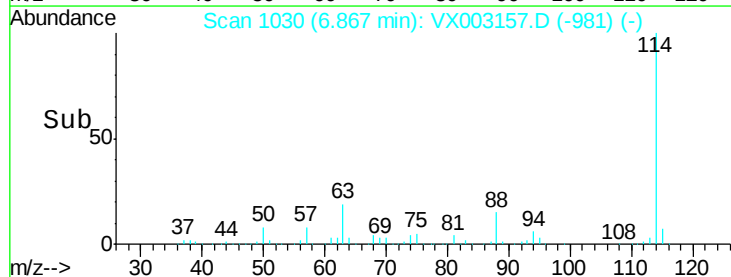
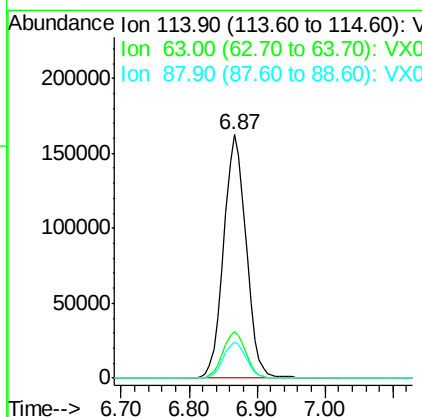
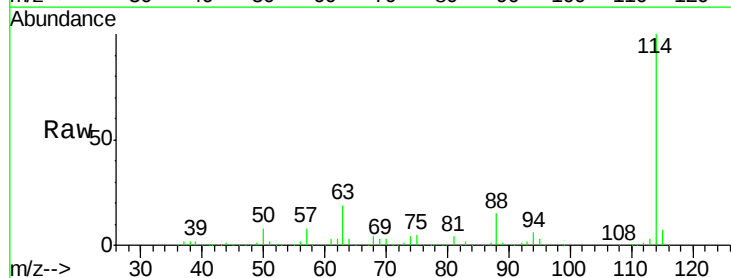
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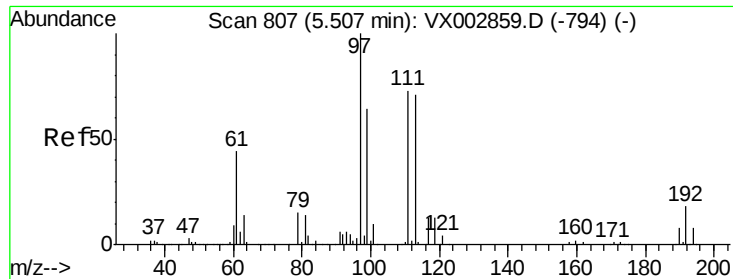
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003157.D
 Acq: 03 Jul 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	373547		
63	18.9	0.0	41.4	
88	14.7	0.0	30.0	





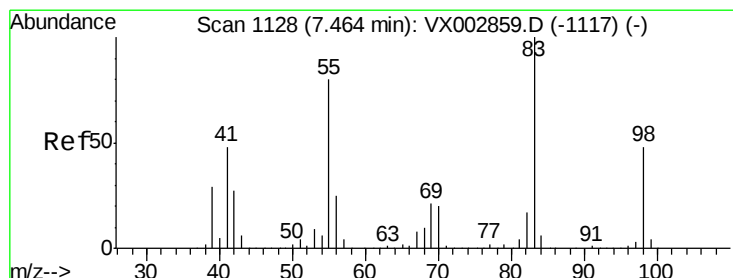
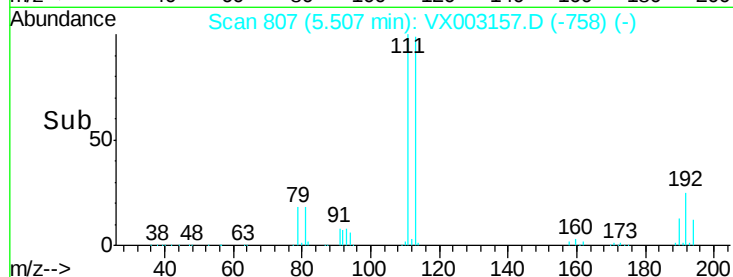
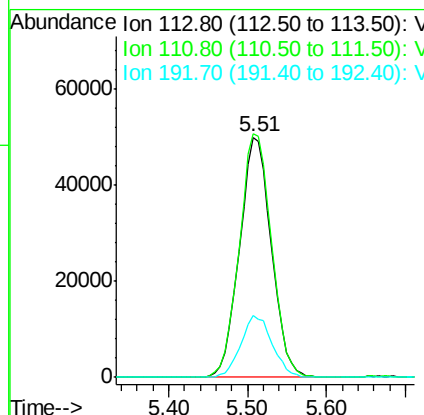
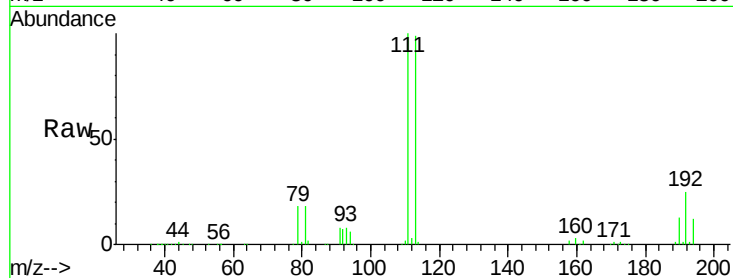
#35
 Dibromofluoromethane
 Concen: 47.355 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003157.D
 Acq: 03 Jul 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	25.3	19.1	28.7

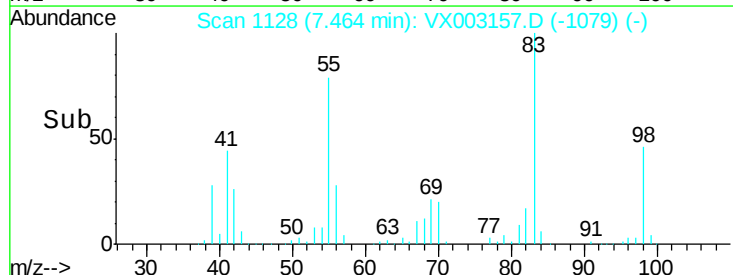
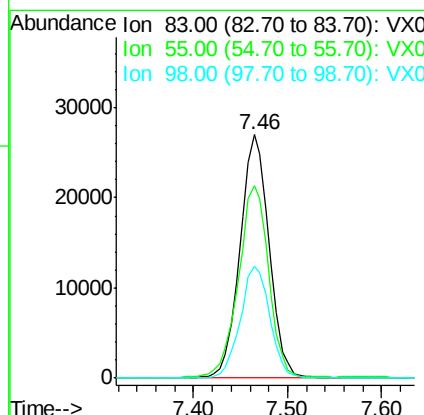
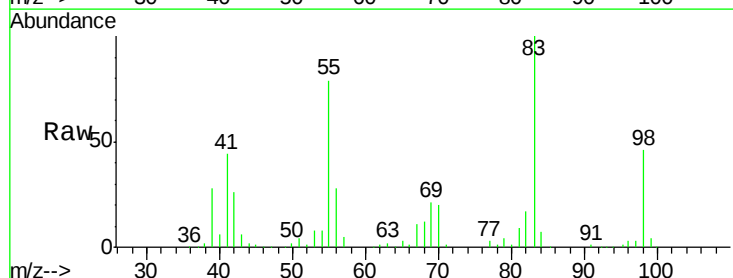
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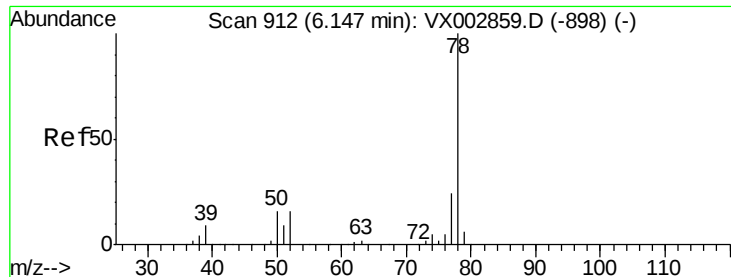
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#39
 Methylcyclohexane
 Concen: 12.196 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003157.D
 Acq: 03 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.4	98.0
98	46.0	37.4	56.0





#40

Benzene

Concen: 644.792 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003157.D

Acq: 03 Jul 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0142

Tot Ion: 78 Resp: 7674545

Ion Ratio Lower Upper

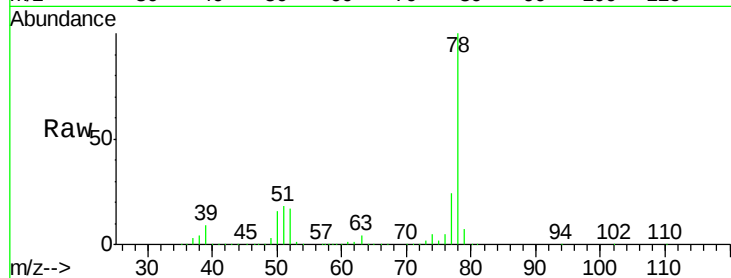
78 100

77 24.3 19.1 28.7

Manual Integrations
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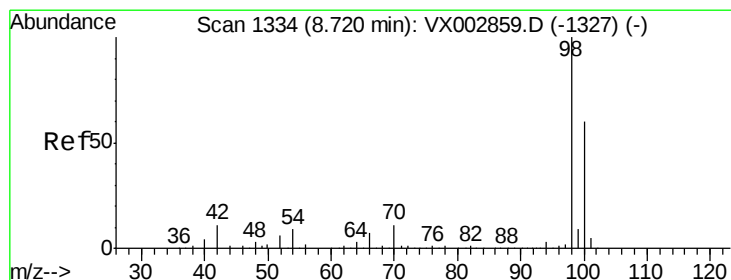
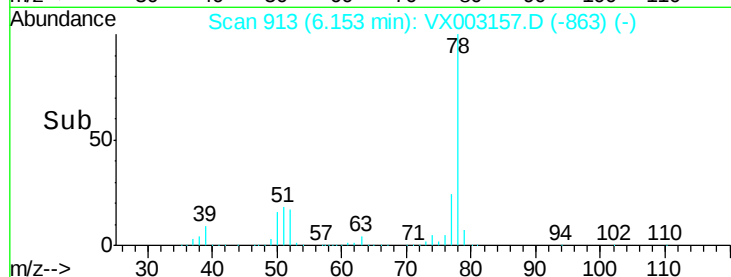
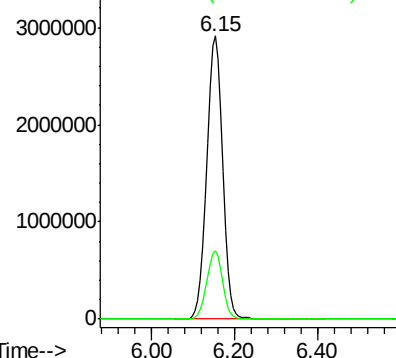
sam

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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: 48.408 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003157.D

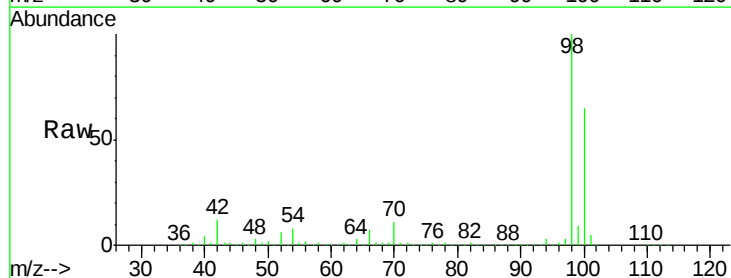
Acq: 03 Jul 2018 19:00

Tgt Ion: 98 Resp: 522926

Ion Ratio Lower Upper

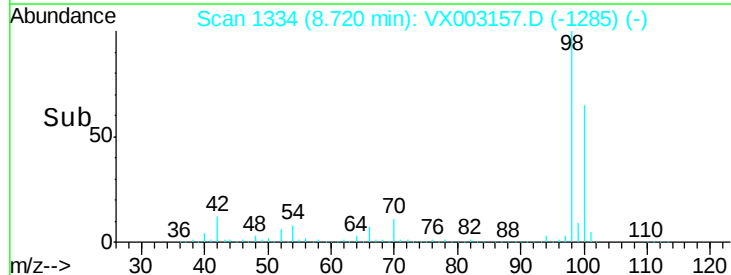
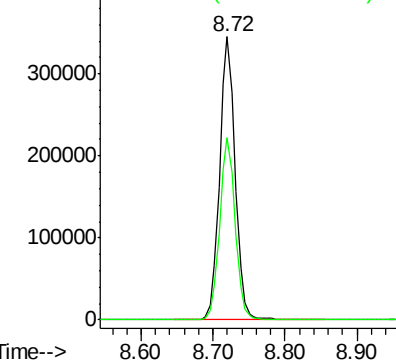
98 100

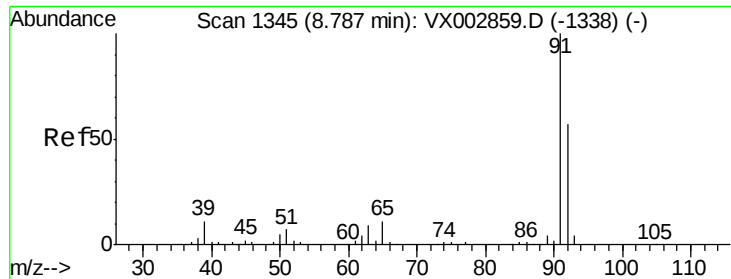
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.447 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003157.D

Acq: 03 Jul 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0142

Tot Ion: 92 Resp: 3412

Ion Ratio Lower Upper

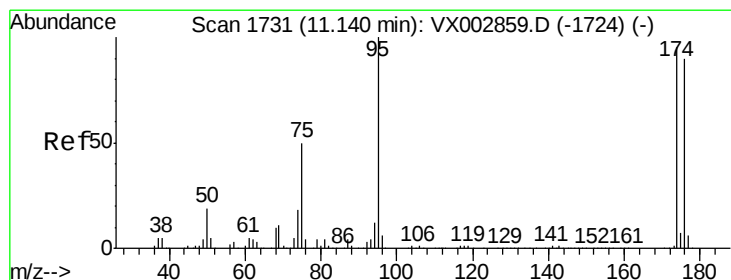
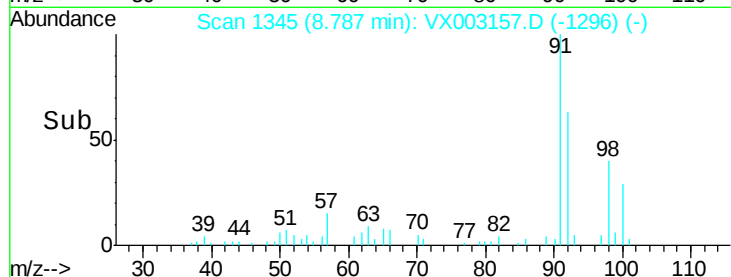
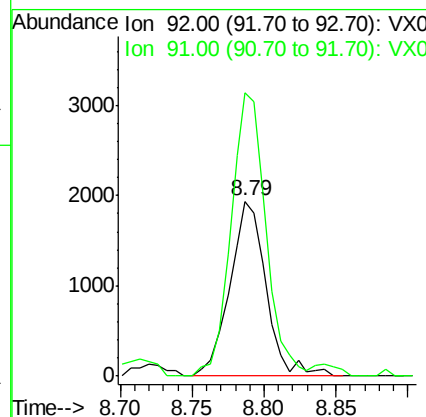
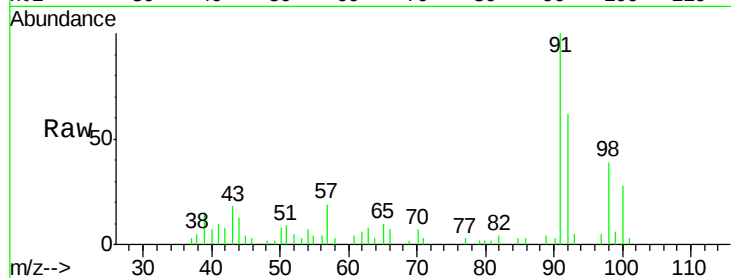
92 100

91 155.4 140.4 210.6

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#62

4-Bromofluorobenzene

Concen: 44.849 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003157.D

Acq: 03 Jul 2018 19:00

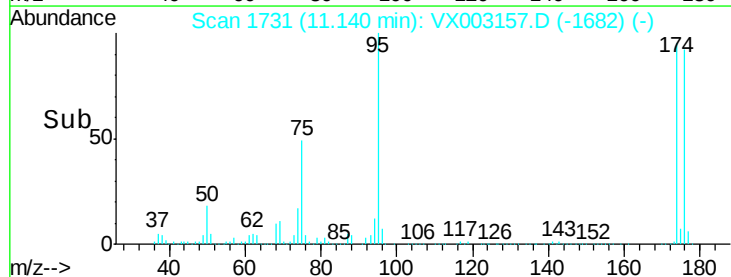
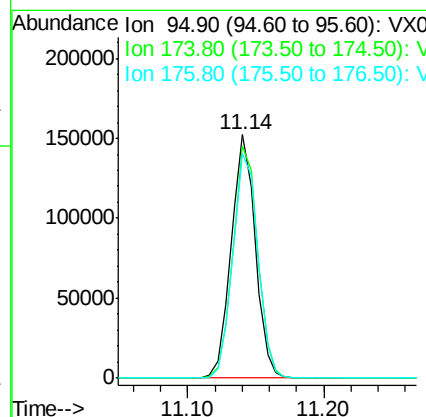
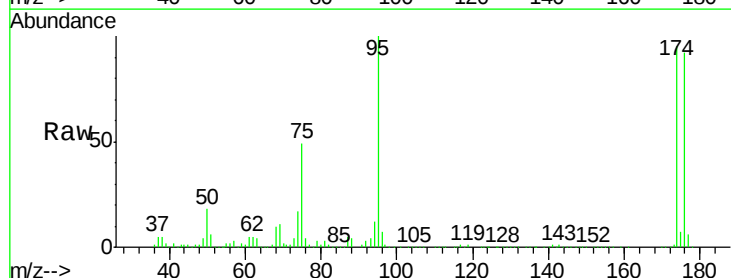
Tgt Ion: 95 Resp: 186841

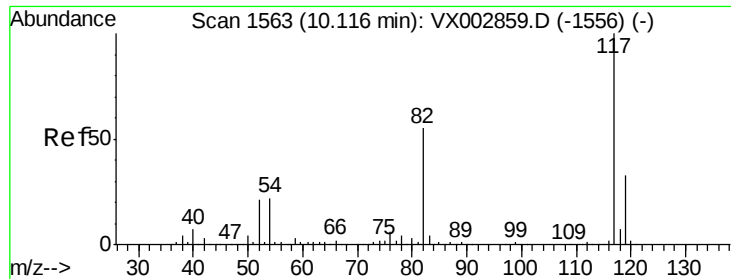
Ion Ratio Lower Upper

95 100

174 98.9 0.0 187.4

176 96.4 0.0 181.0





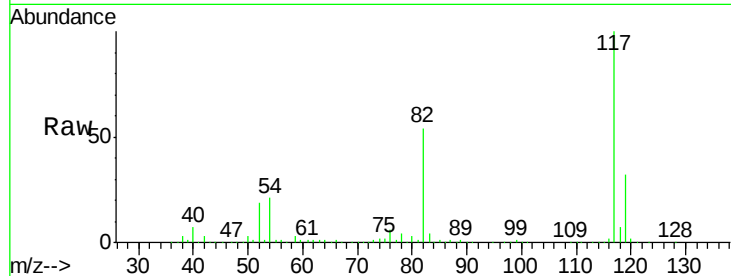
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
S10-0142

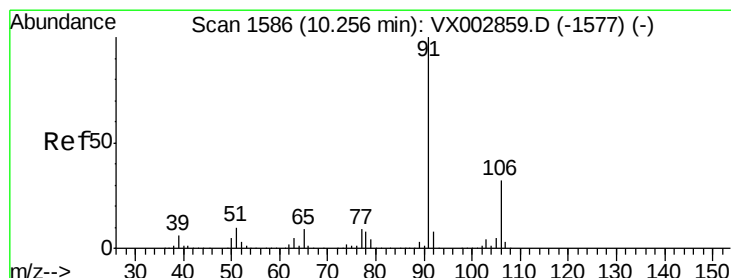
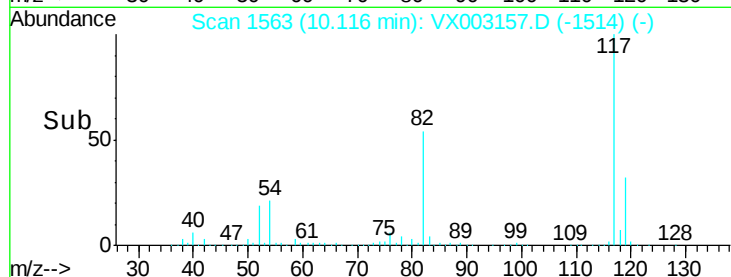
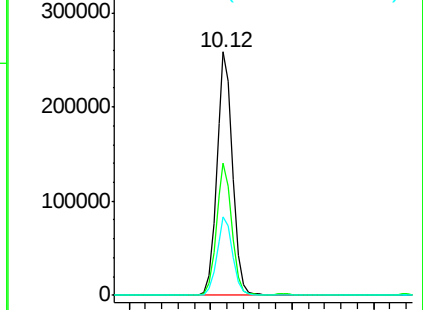
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	32.2	25.8	38.6

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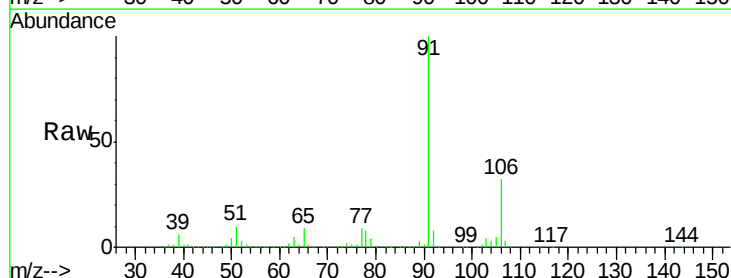


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

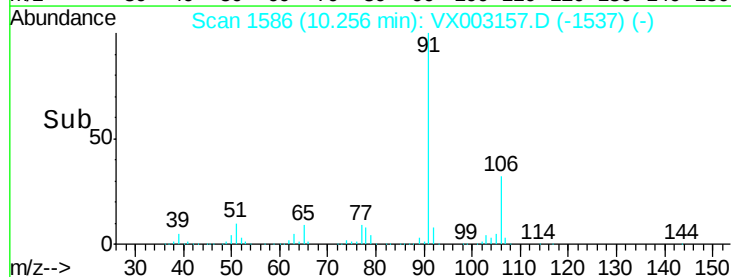
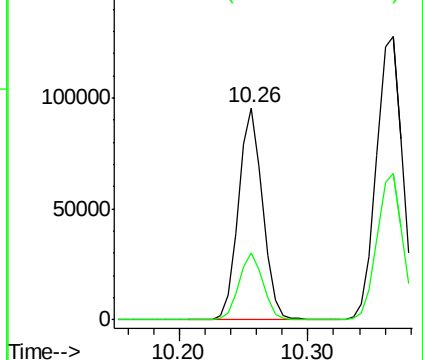


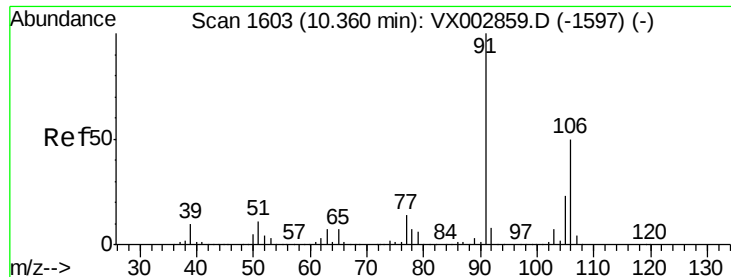
#67
Ethyl Benzene
Concen: 8.431 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.5	38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





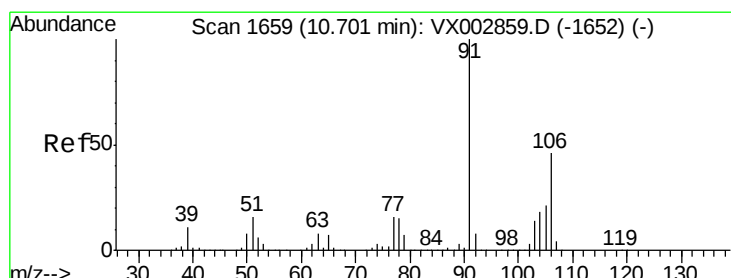
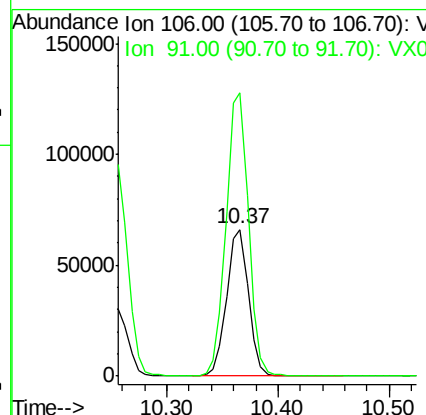
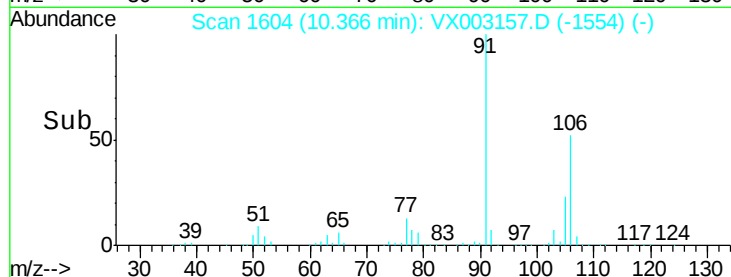
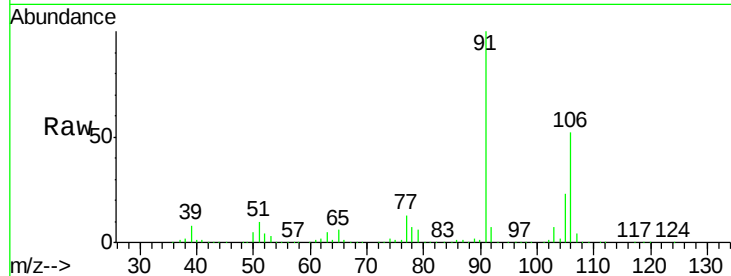
#68
m/p-Xvlenes
Concen: 15.817 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Instrument :
MSVOA_X
ClientSampled :
S10-0142

Tot Ion:106 Resp: 89848
Ion Ratio Lower Upper
106 100
91 197.8 163.4 245.2

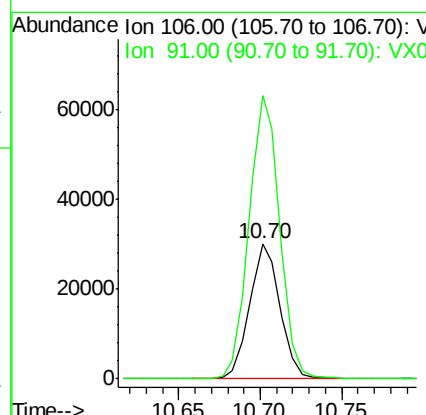
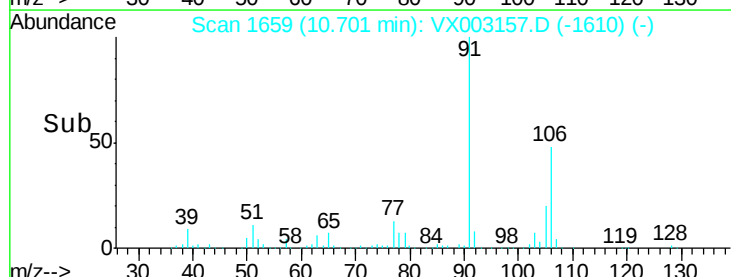
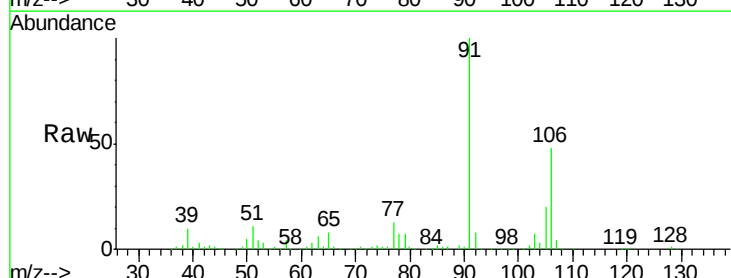
Manual Integrations
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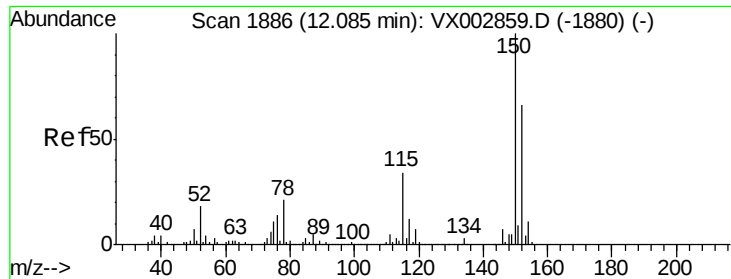
sam
7/5/2018 2:29:03 PM



#69
o-Xylene
Concen: 7.074 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Tgt Ion:106 Resp: 39128
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003157.D

Acq: 03 Jul 2018 19:00

Instrument :

MSVOA_X

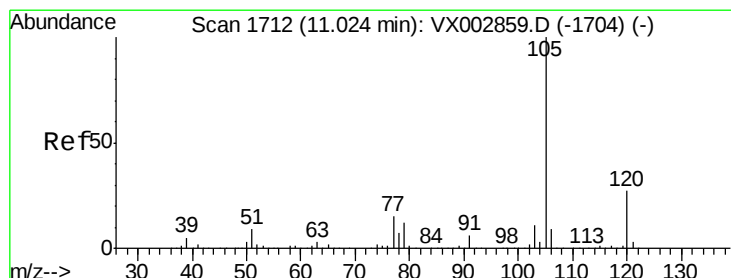
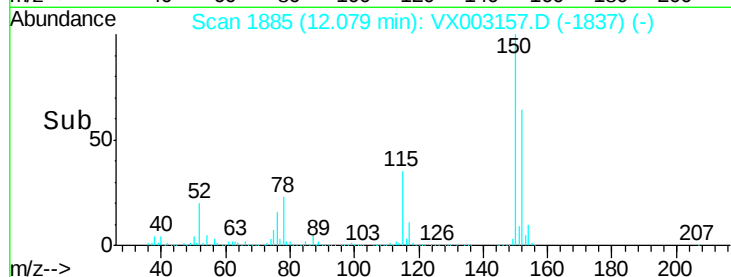
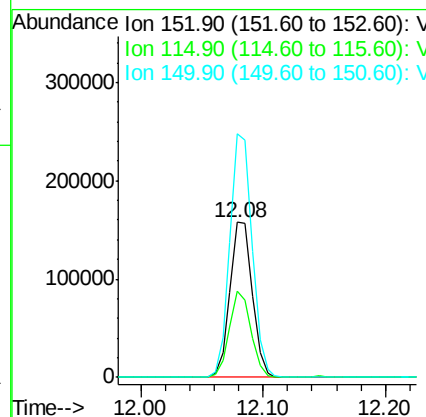
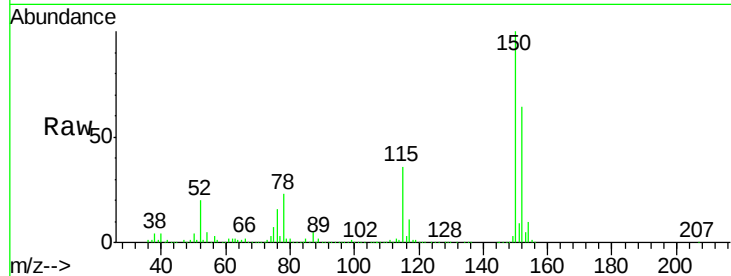
ClientSampleId :

S10-0142

Tot Ion:	152	Resp:	199196
Ion Ratio	Lower	Upper	
152	100		
115	53.4	40.1	120.2
150	156.1	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 5.899 ug/l

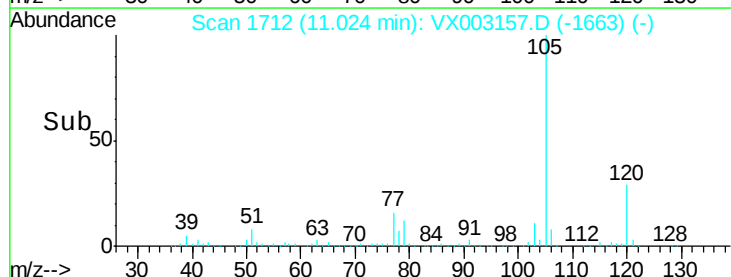
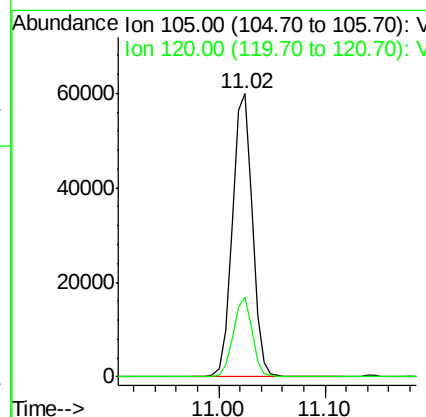
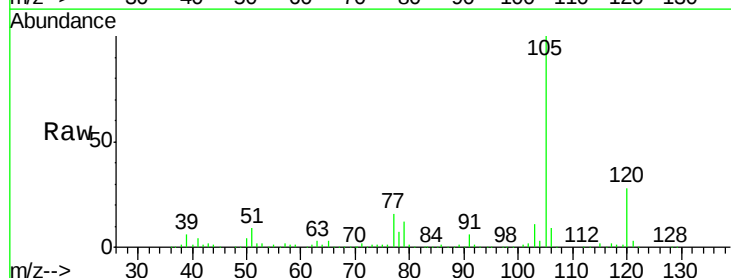
RT: 11.02 min Scan# 1712

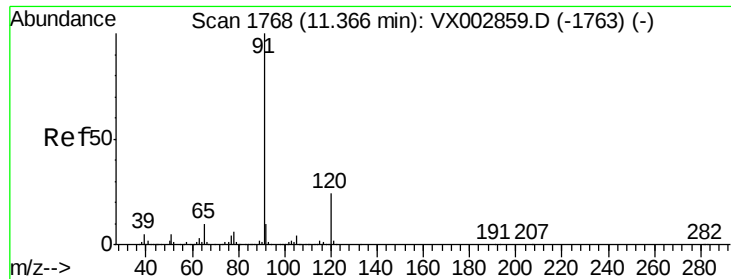
Delta R.T. 0.00 min

Lab File: VX003157.D

Acq: 03 Jul 2018 19:00

Tgt Ion:	105	Resp:	79046
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.5	40.4





#78

n-propylbenzene

Concen: 1.197 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003157.D

Acq: 03 Jul 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0142

Tot Ion: 91 Resp: 18251

Ion Ratio Lower Upper

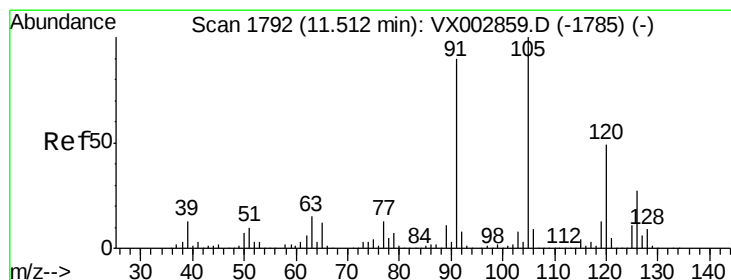
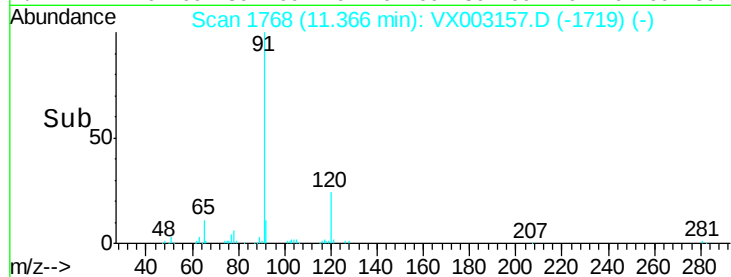
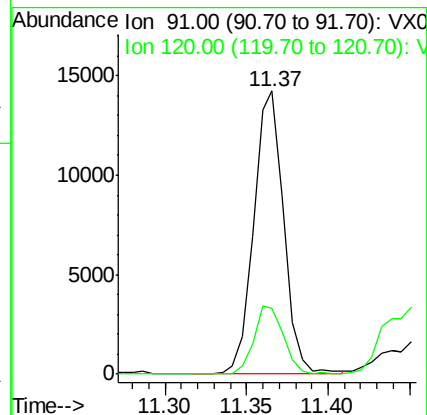
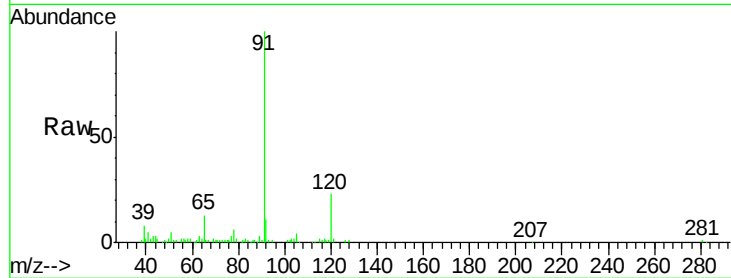
91 100

120 23.8 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 3.349 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003157.D

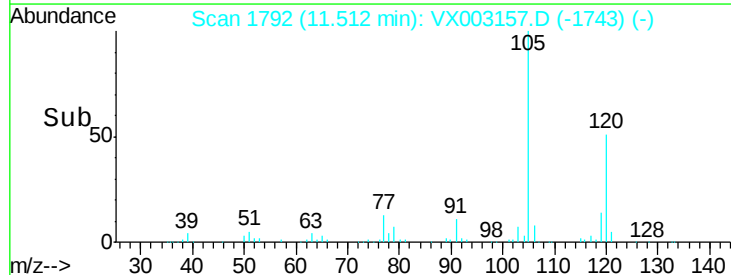
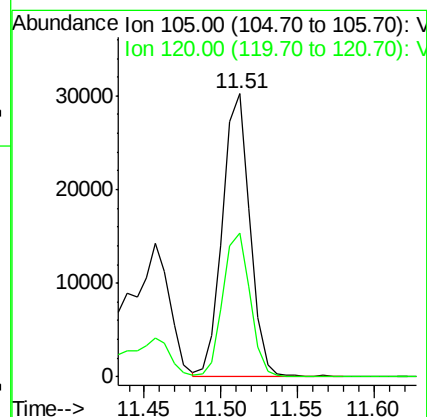
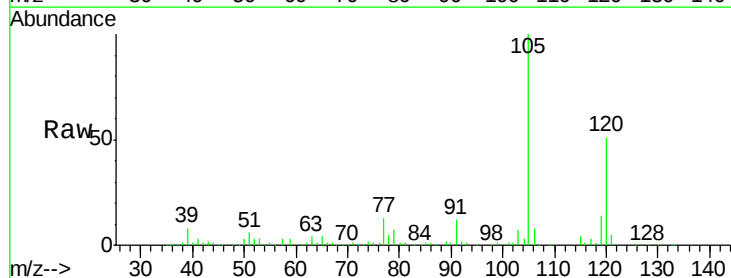
Acq: 03 Jul 2018 19:00

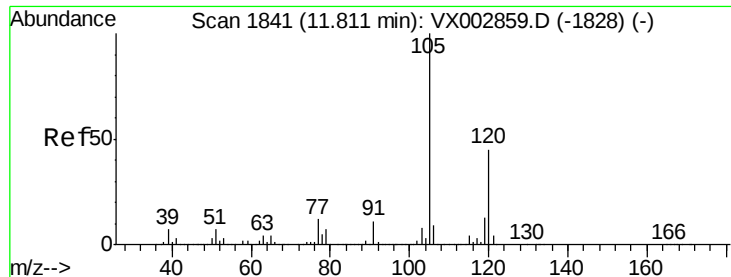
Tgt Ion: 105 Resp: 37794

Ion Ratio Lower Upper

105 100

120 50.6 24.4 73.4





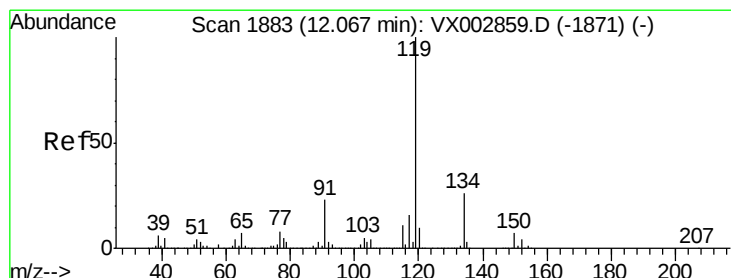
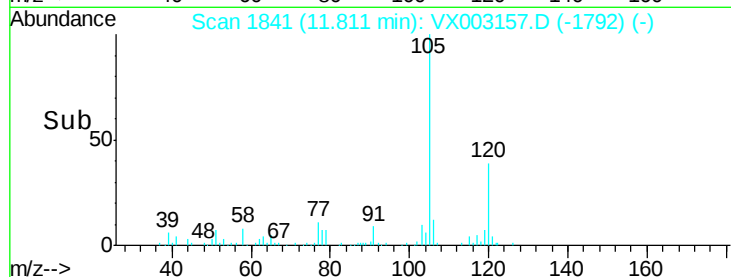
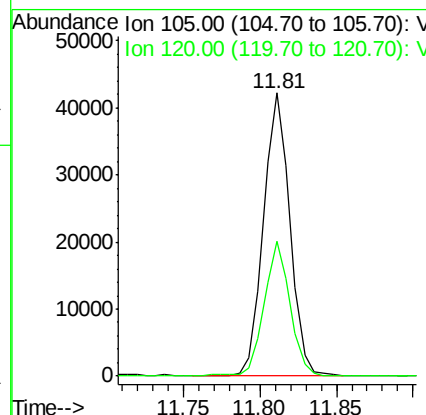
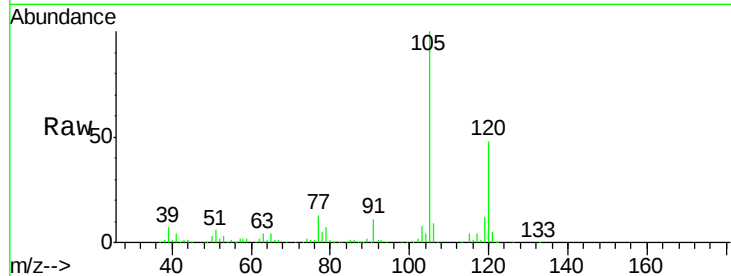
#84
1,2,4-Trimethylbenzene
Concen: 4.327 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
S10-0142

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.3	22.3	66.8

Manual Integrations
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sam
7/5/2018 2:29:03 PM



#86
p-Isopropyltoluene
Concen: 0.312 ug/l m
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003157.D
Acq: 03 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	35.6	13.4	40.1
91	29.0	11.9	35.7

