

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082418\
 Data File : VX004247.D
 Acq On : 24 Aug 2018 15:22
 Operator : JC/MD
 Sample : J4648-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TMW-1

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 11:42:56 AM

Quant Time: Sep 06 02:31:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197544	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	173456	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	8.71	98	678941	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.14	95	247462	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	19088	3.957	ug/l	97
18) Methyl Acetate	2.78	43	6131	1.052	ug/l	94
31) Cyclohexane	5.57	56	38550	7.000	ug/l #	95
39) Methylcyclohexane	7.46	83	224231	37.125	ug/l	99
52) Toluene	8.79	92	5118	0.517	ug/l	95
73) Isopropylbenzene	11.02	105	63142	3.837	ug/l	97
78) n-propylbenzene	11.36	91	113008	5.971	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	174787	12.826	ug/l	99
83) tert-Butylbenzene	11.77	119	4438	0.324	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	34515	2.467	ug/l	98
85) sec-Butylbenzene	11.95	105	20862	1.282	ug/l #	55

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

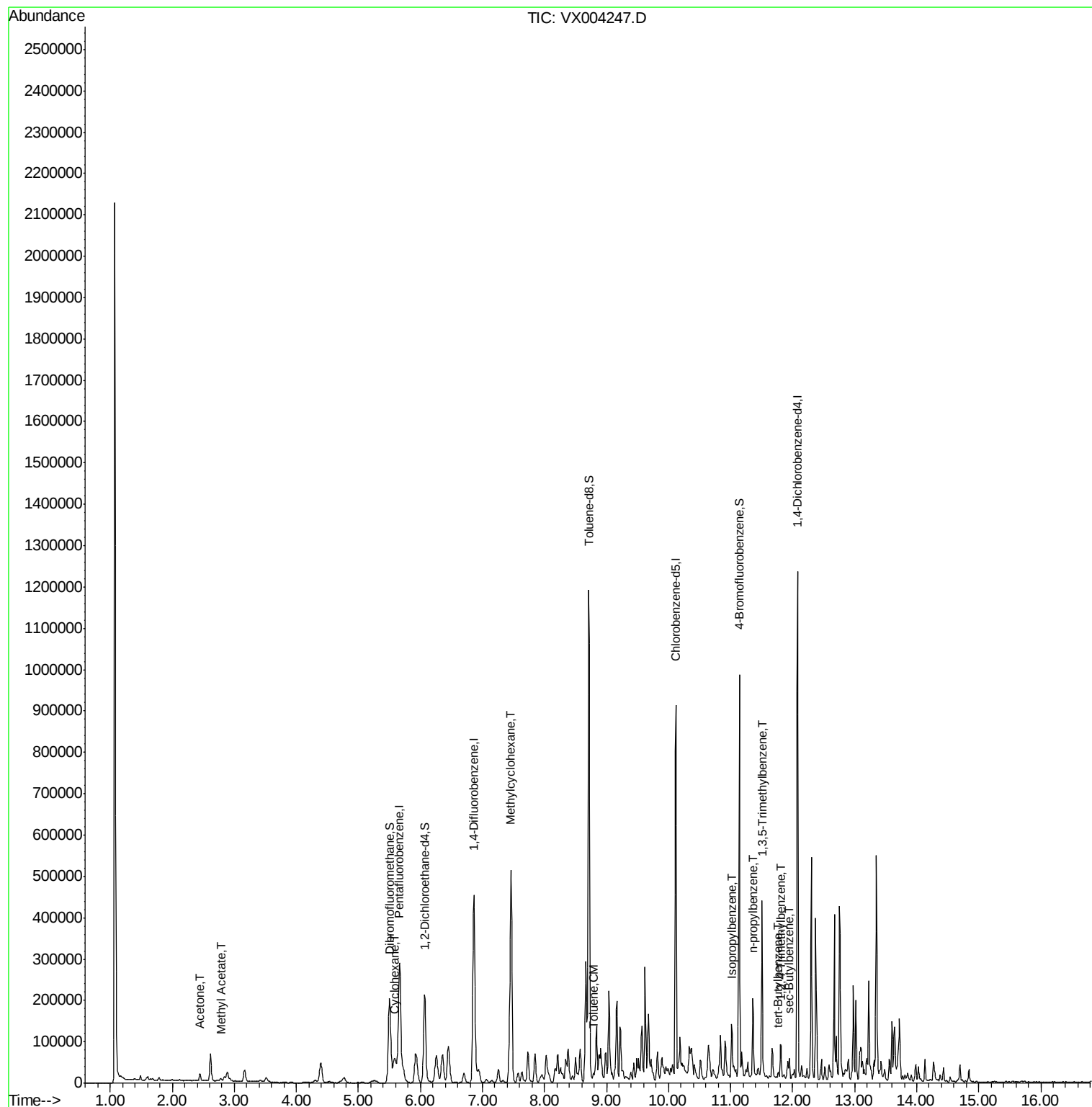
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082418\
Data File : VX004247.D
Acq On : 24 Aug 2018 15:22
Operator : JC/MD
Sample : J4648-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

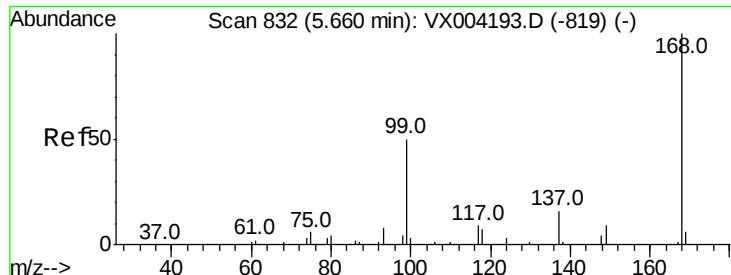
Instrument :
MSVOA_X
ClientSampleId :
TMW-1

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8/25/2018 11:42:56 AM

Quant Time: Sep 06 02:31:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

TMW-1

Tot Ion:168 Resp: 301385

Ion Ratio Lower Upper

168 100

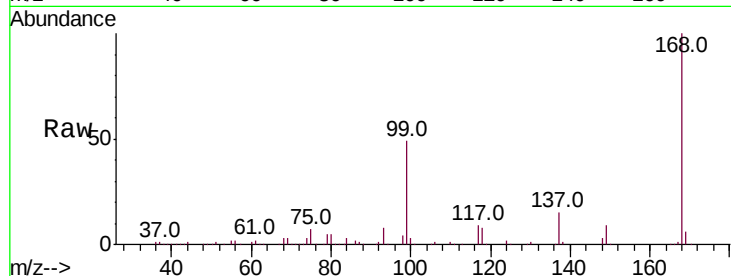
99 48.6 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VX004193.D (-819) (-)

Ion 98.90 (98.60 to 99.60): VX004193.D (-819) (-)

5.67

120000

100000

80000

60000

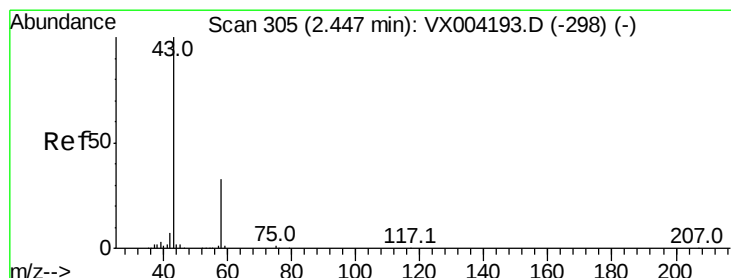
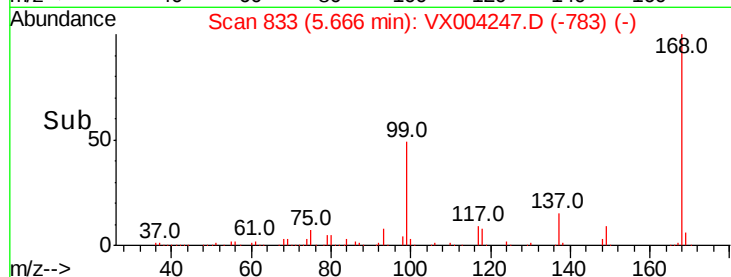
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 3.957 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004247.D

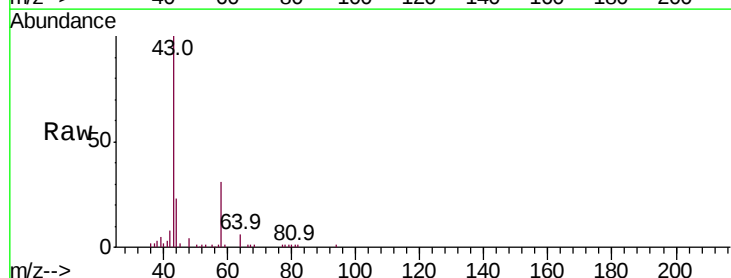
Acq: 24 Aug 2018 15:22

Tgt Ion: 43 Resp: 19088

Ion Ratio Lower Upper

43 100

58 31.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX004193.D (-298) (-)

Ion 58.00 (57.70 to 58.70): VX004193.D (-298) (-)

2.45

12000

10000

8000

6000

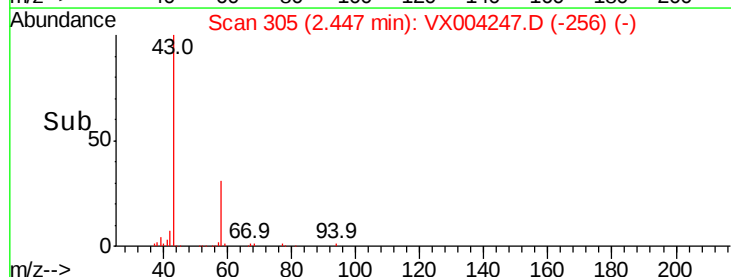
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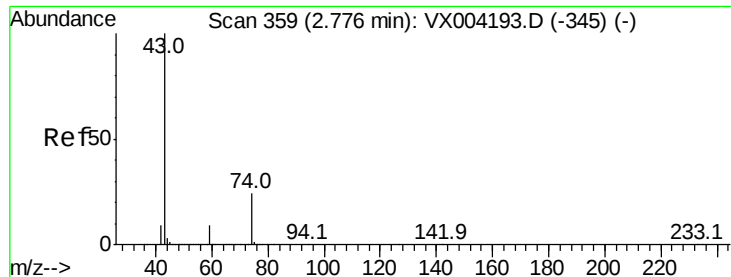
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Time-->

2.40 2.45 2.50





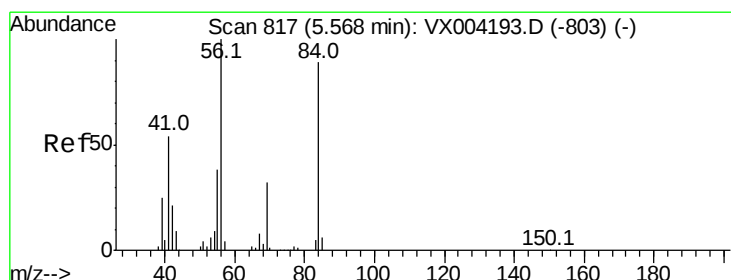
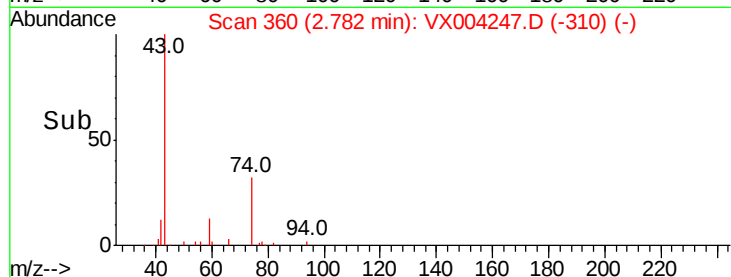
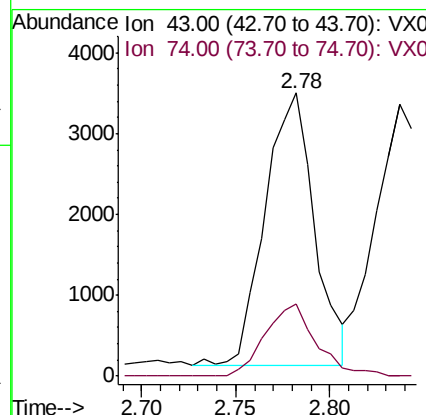
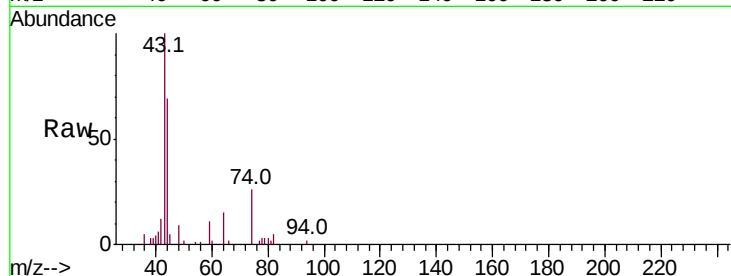
#18
Methvl Acetate
Concen: 1.052 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004247.D
Acq: 24 Aug 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-1

Tot Ion: 43 Resp: 6131
Ion Ratio Lower Upper
43 100
74 27.3 19.4 29.2

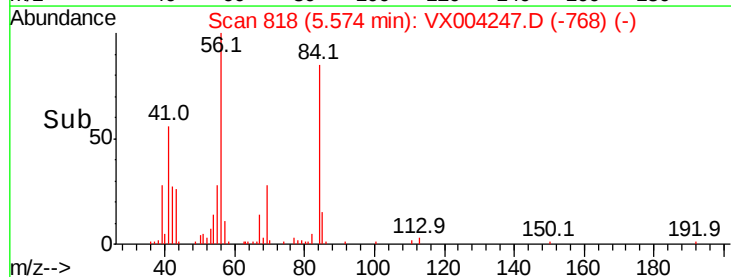
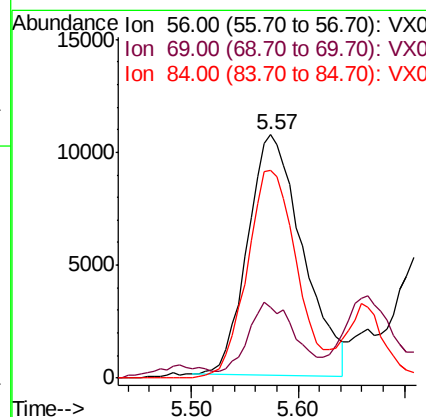
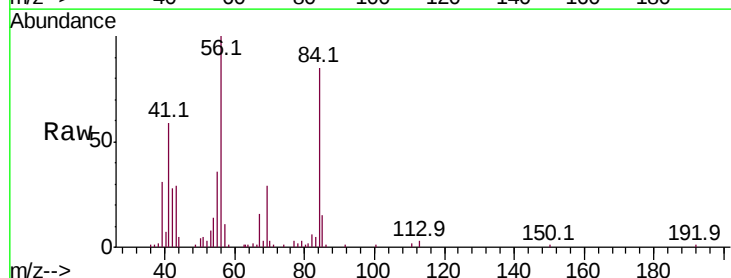
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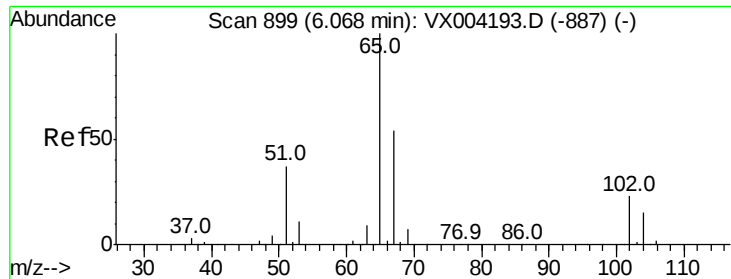
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#31
Cyclohexane
Concen: 7.000 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004247.D
Acq: 24 Aug 2018 15:22

Tgt Ion: 56 Resp: 38550
Ion Ratio Lower Upper
56 100
69 25.3 25.4 38.2#
84 86.5 71.4 107.2





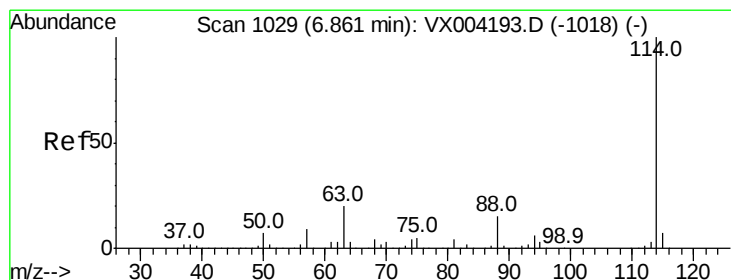
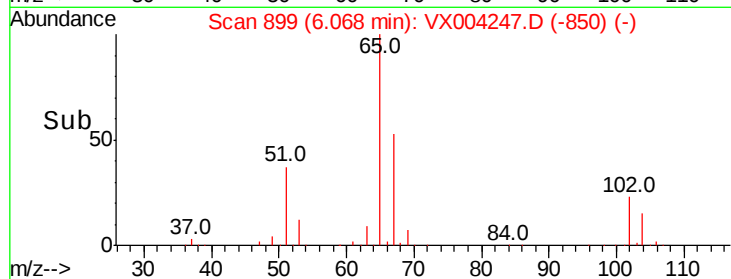
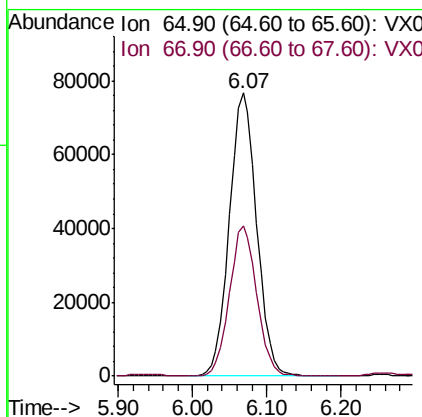
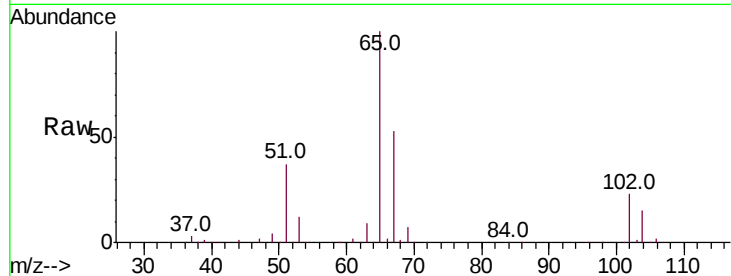
#33
 1,2-Dichloroethane-d4
 Concen: 50.289 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004247.D
 Acq: 24 Aug 2018 15:22

Instrument :
 MSVOA_X
 ClientSampled :
 TMW-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	197544		
67	53.0	0.0	106.8	

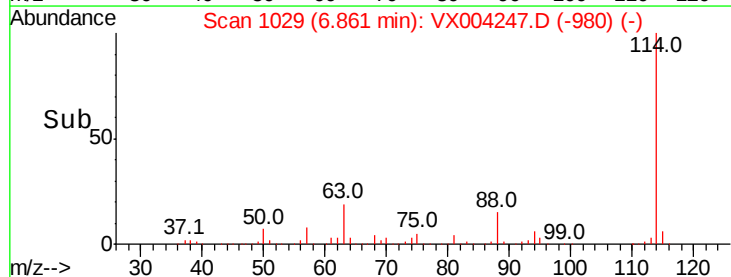
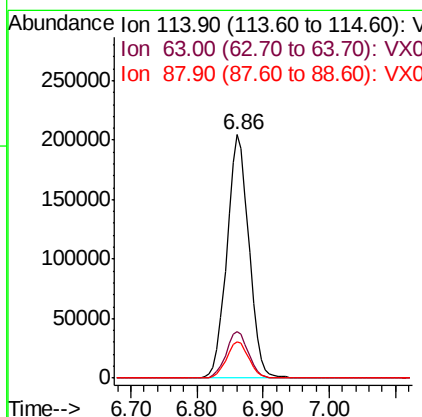
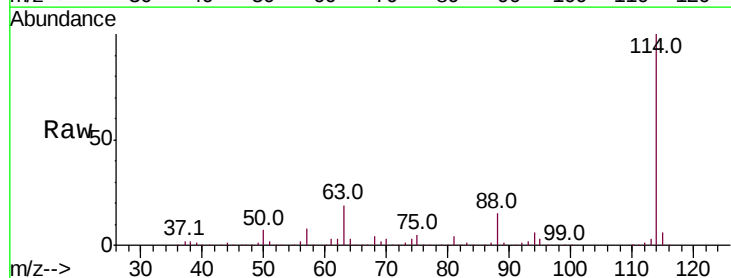
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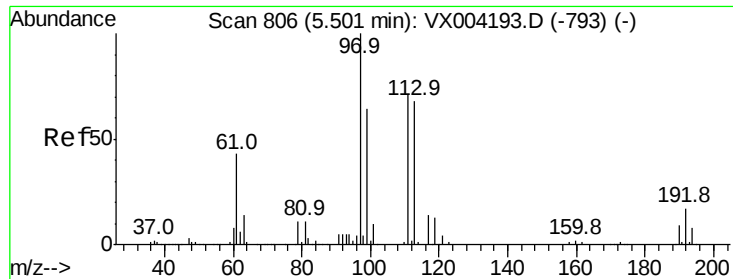
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004247.D
 Acq: 24 Aug 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	470565		
63	19.1	0.0	39.0	
88	14.9	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.549 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Instrument :

MSVOA_X

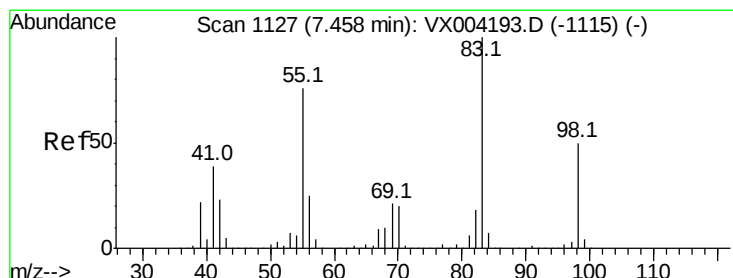
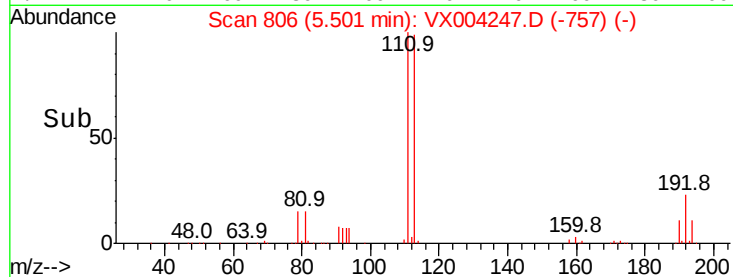
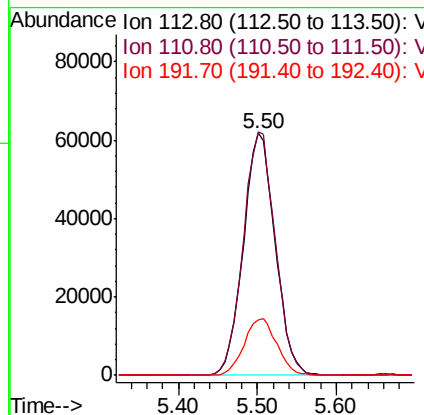
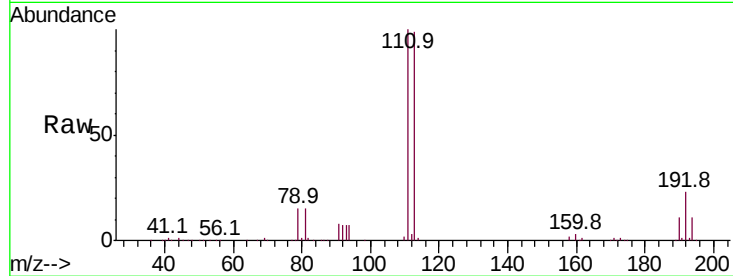
ClientSampleId :

TMW-1

Tot Ion:	113	Resp:	173456
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.4	123.6
192	23.9	19.4	29.2

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#39

Methylcyclohexane

Concen: 37.125 ug/l

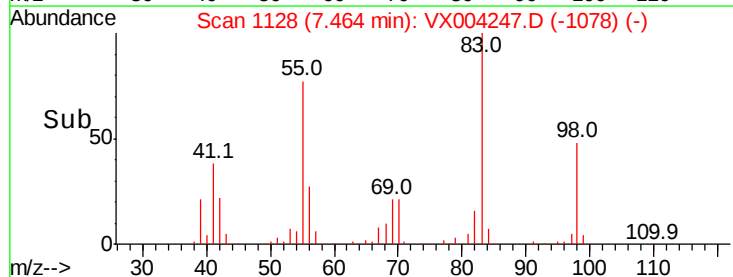
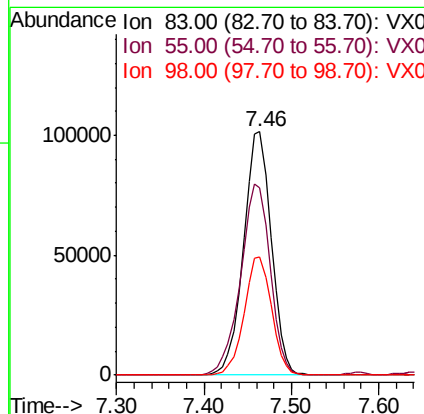
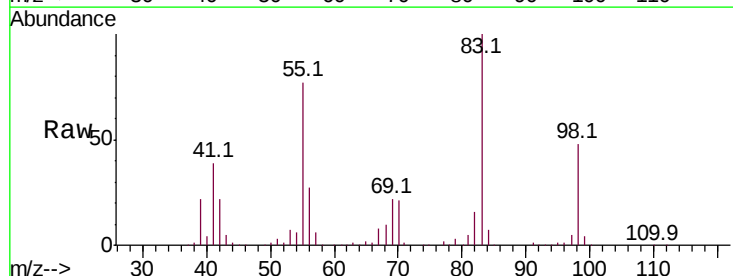
RT: 7.46 min Scan# 1128

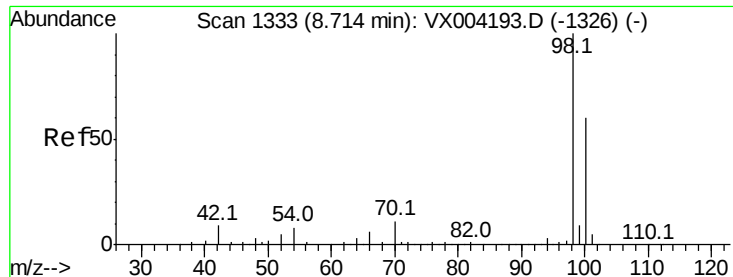
Delta R.T. 0.01 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Tgt Ion:	83	Resp:	224231
Ion Ratio	Lower	Upper	
83	100		
55	76.8	61.0	91.4
98	48.5	39.6	59.4





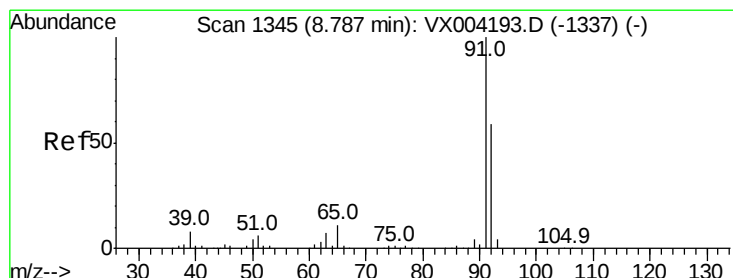
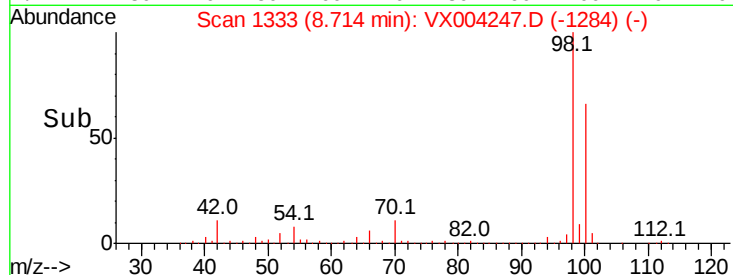
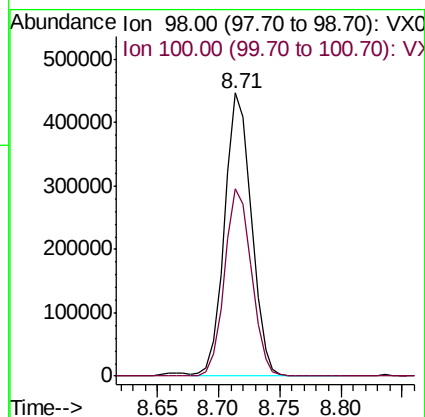
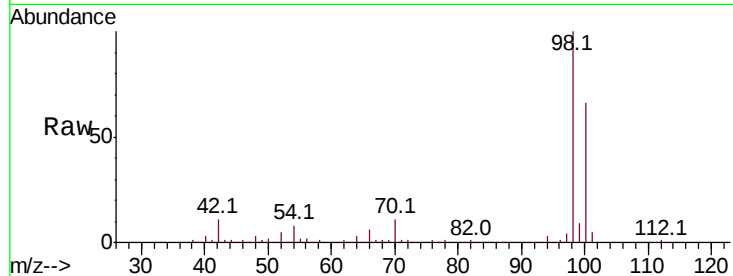
#50
Toluene-d8
Concen: 51.381 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004247.D
Acq: 24 Aug 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
TMW-1

Tot Ion: 98 Resp: 678941
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

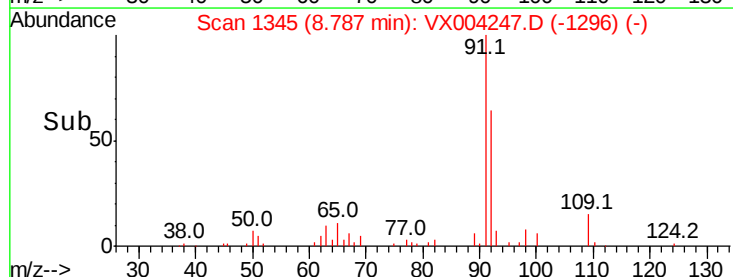
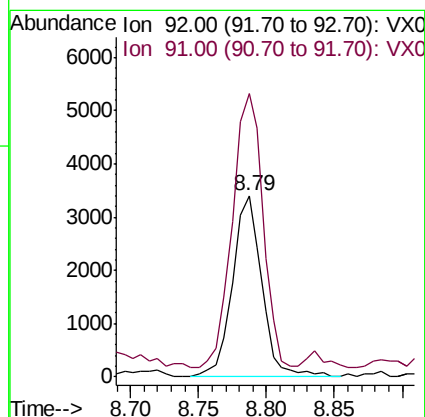
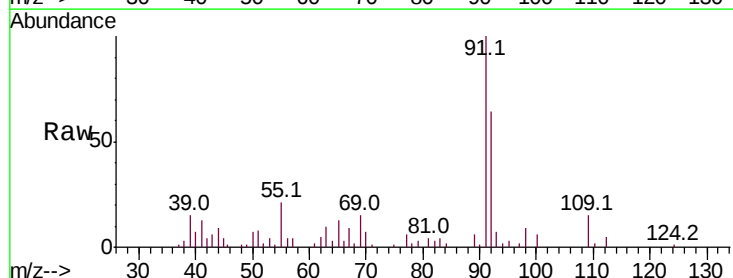
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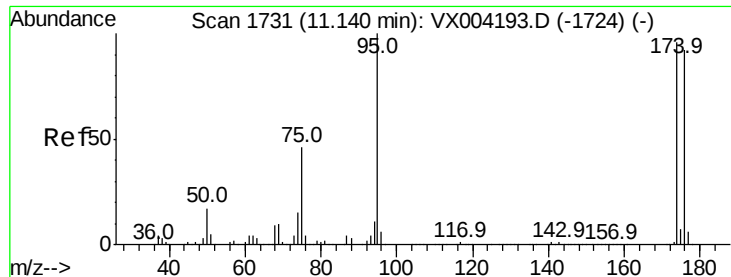
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#52
Toluene
Concen: 0.517 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX004247.D
Acq: 24 Aug 2018 15:22

Tgt Ion: 92 Resp: 5118
Ion Ratio Lower Upper
92 100
91 164.0 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 50.191 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

TMW-1

Tot Ion: 95 Resp: 247462

Ion Ratio Lower Upper

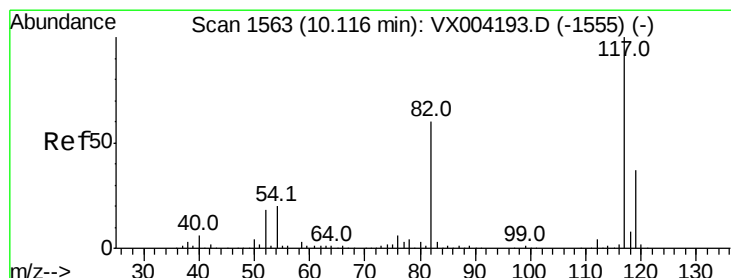
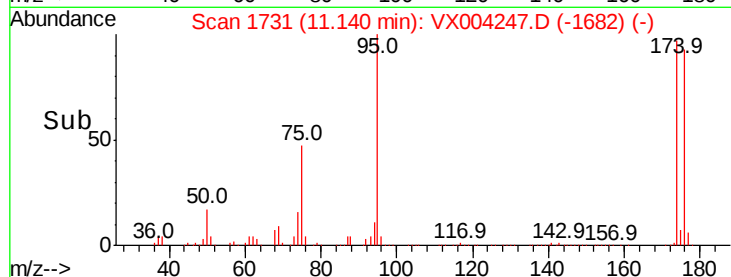
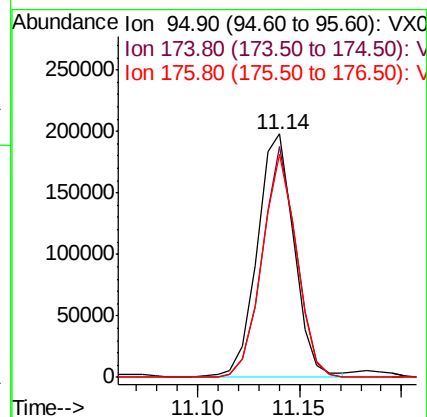
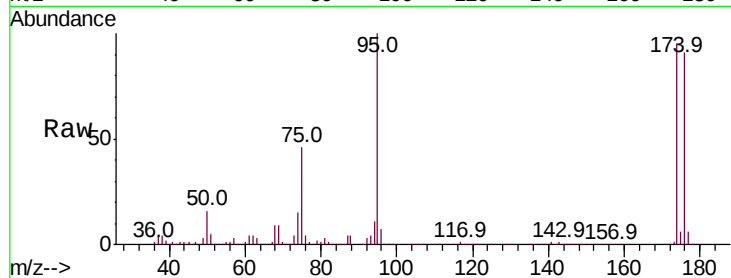
95 100

174 88.4 0.0 185.2

176 87.2 0.0 178.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

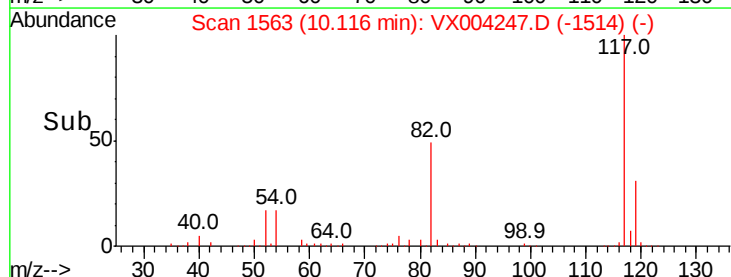
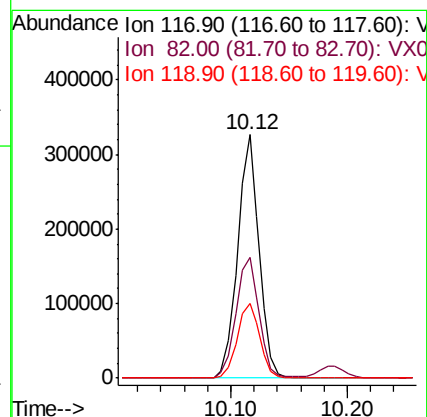
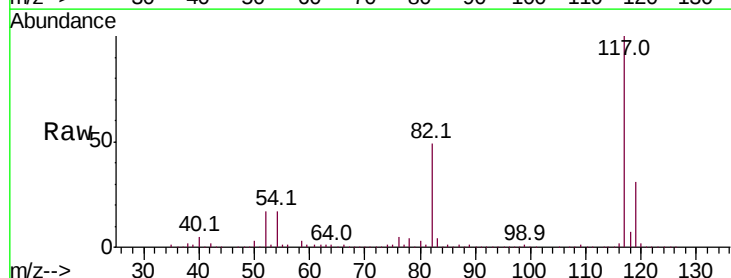
Tgt Ion: 117 Resp: 414878

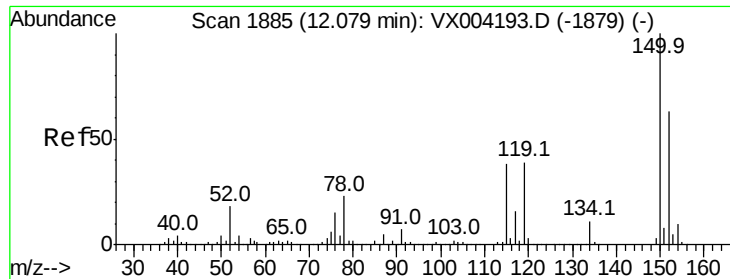
Ion Ratio Lower Upper

117 100

82 49.1 47.8 71.6

119 30.7 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Instrument :

MSVOA_X

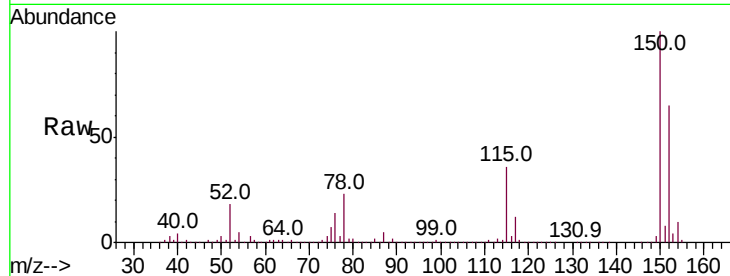
ClientSampled :

TMW-1

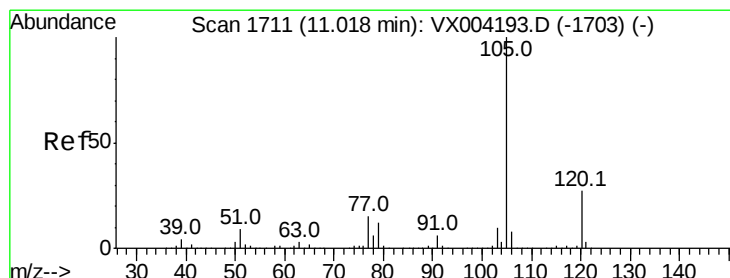
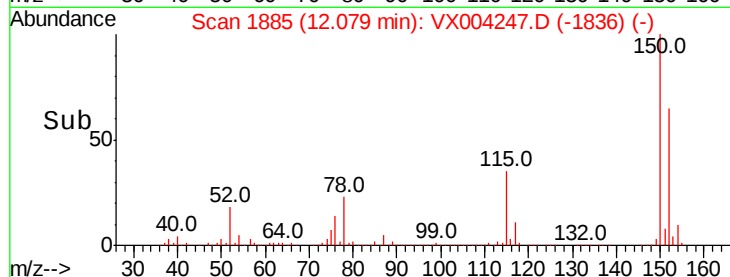
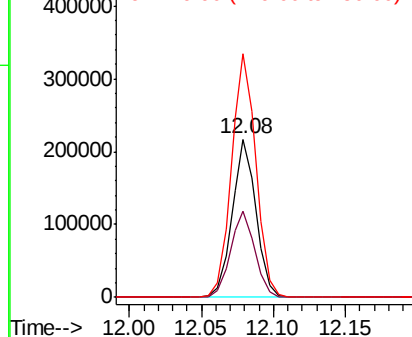
Tot Ion:	152	Resp:	250554
Ion Ratio	Lower	Upper	
152	100		
115	55.6	39.0	117.0
150	158.7	0.0	351.0

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: 3.837 ug/l

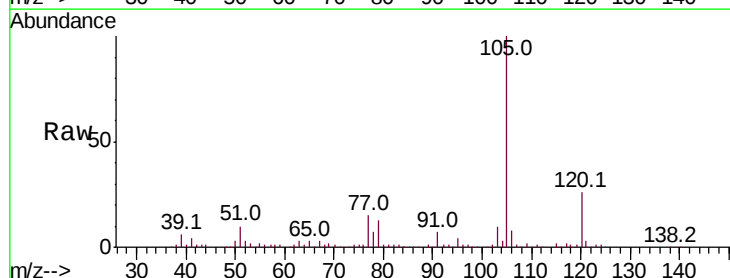
RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

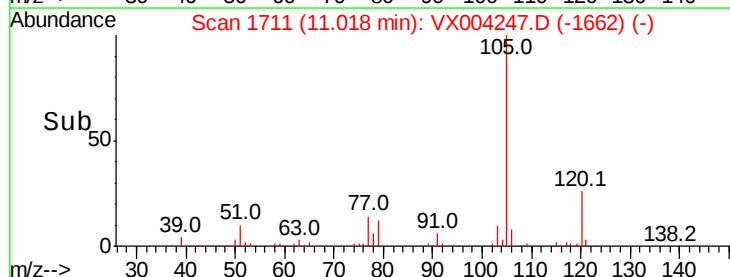
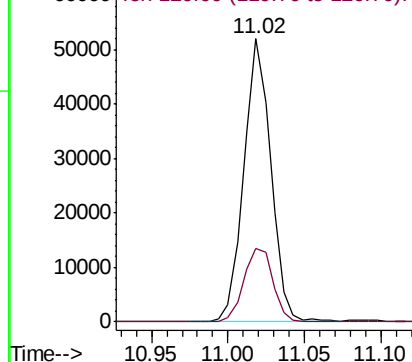
Lab File: VX004247.D

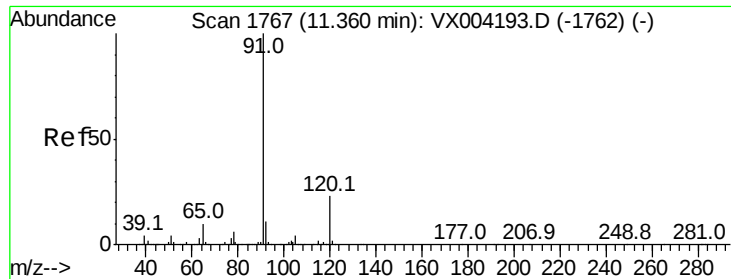
Acq: 24 Aug 2018 15:22

Tgt Ion:	105	Resp:	63142
Ion Ratio	Lower	Upper	
105	100		
120	28.5	13.5	40.4



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





#78

n-propylbenzene

Concen: 5.971 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

TMW-1

Tot Ion: 91 Resp: 113008

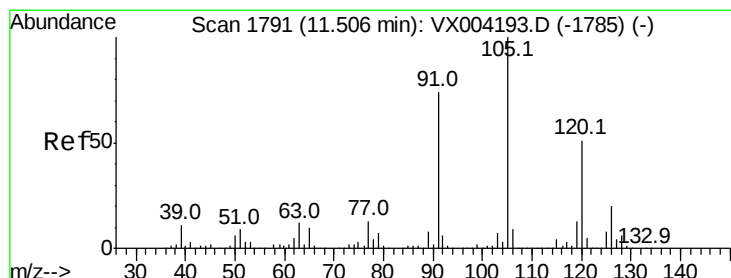
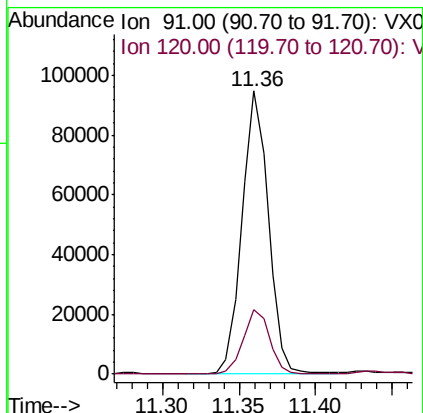
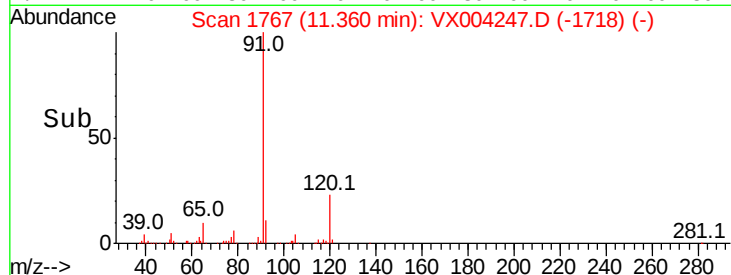
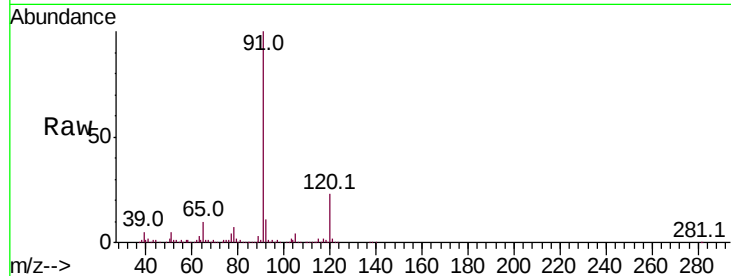
Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 12.826 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004247.D

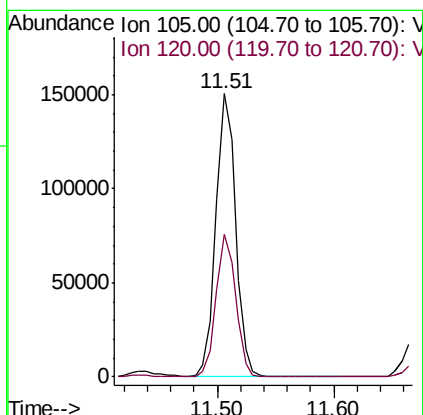
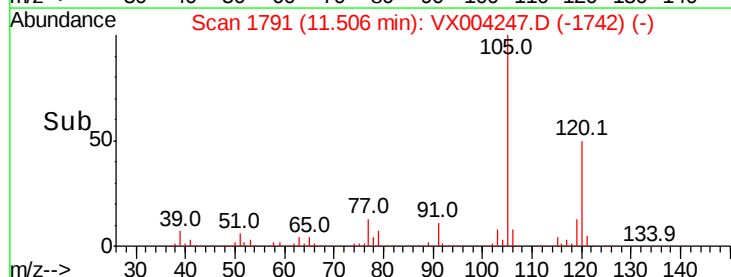
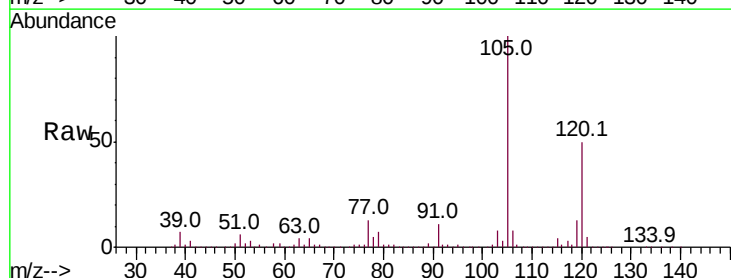
Acq: 24 Aug 2018 15:22

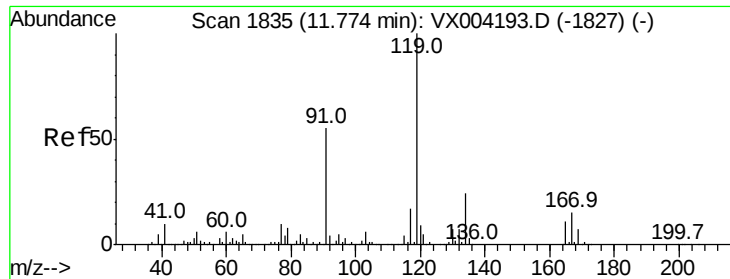
Tgt Ion: 105 Resp: 174787

Ion Ratio Lower Upper

105 100

120 50.4 25.6 76.8





#83

tert-Butylbenzene

Concen: 0.324 ug/l

RT: 11.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Instrument :

MSVOA_X

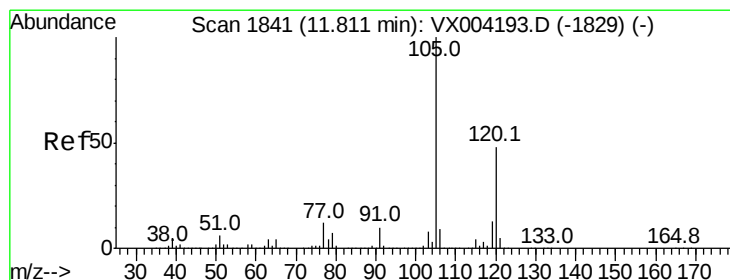
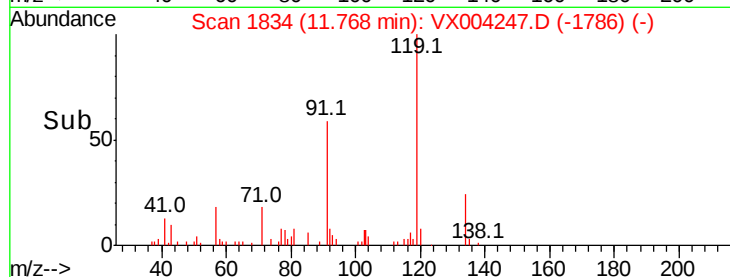
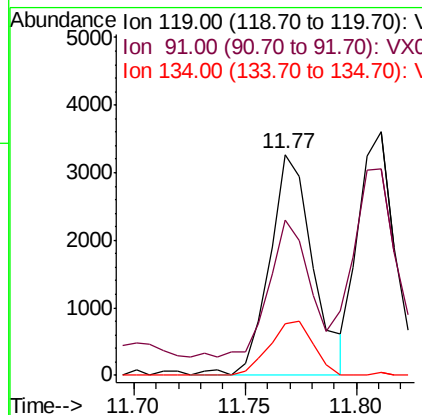
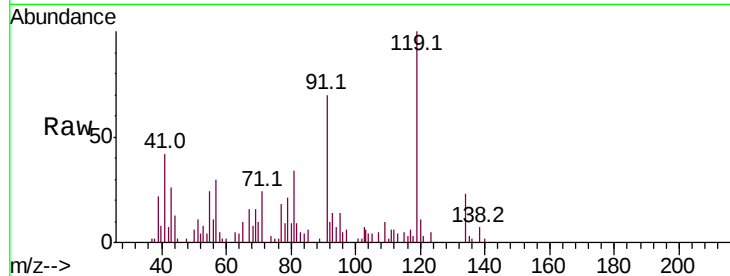
ClientSampled :

TMW-1

Tot Ion:	119	Resp:	4438
Ion	Ratio	Lower	Upper
119	100		
91	58.2	27.0	81.0
134	24.5	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 2.467 ug/l

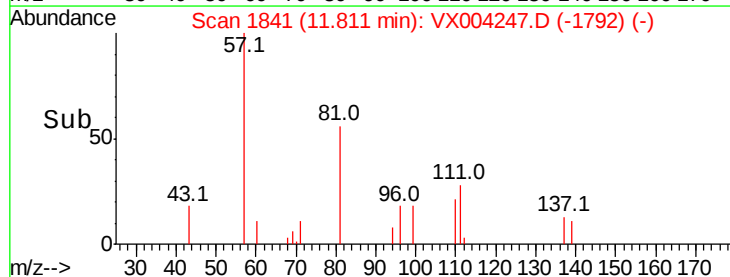
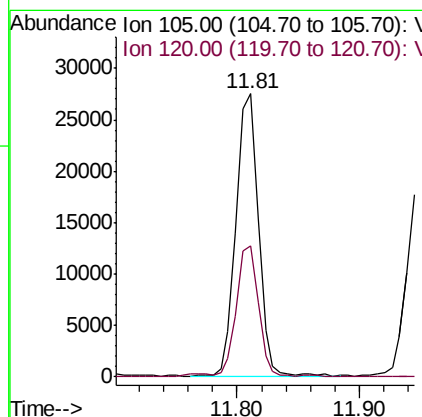
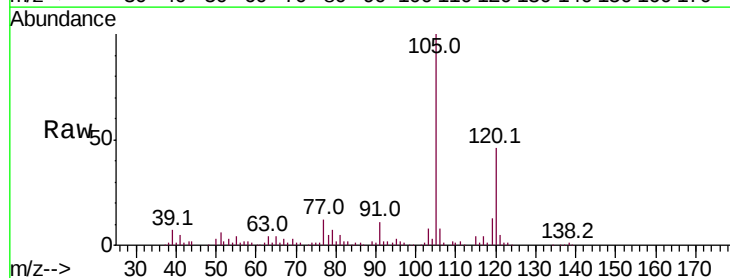
RT: 11.81 min Scan# 1841

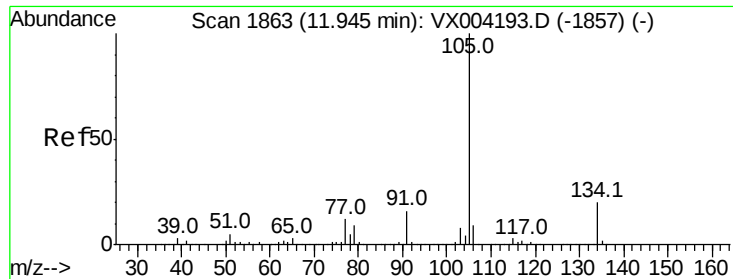
Delta R.T. 0.00 min

Lab File: VX004247.D

Acq: 24 Aug 2018 15:22

Tgt Ion:	105	Resp:	34515
Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.2	69.6





#85
 sec-Butylbenzene
 Concen: 1.282 ug/l
 RT: 11.95 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004247.D
 Acq: 24 Aug 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TMW-1

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.5	31.5#

Manual Integrations
 APPROVED

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 8/25/2018 11:42:56 AM

