

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003891.D
 Acq On : 07 Aug 2018 20:06
 Operator : JC/MD
 Sample : J4344-12DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0531DL

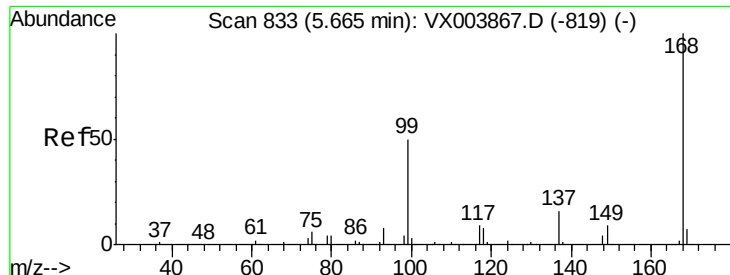
Manual Integrations
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sam
 8/21/2018 4:31:42 PM

Quant Time: Aug 08 09:36:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	478892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206091	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	5.51	113	174984	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	8.72	98	685772	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	11.14	95	247676	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
Target Compounds						
31) Cyclohexane	5.57	56	64818	10.82	ug/l	98
39) Methylcyclohexane	7.46	83	139503	22.06	ug/l	98
67) Ethyl Benzene	10.26	91	82837	4.30	ug/l	100
68) m/p-Xylenes	10.36	106	75916	10.08	ug/l	96
73) Isopropylbenzene	11.02	105	116901	6.28	ug/l	96
78) n-propylbenzene	11.36	91	228360	10.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	403064	26.54	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1347705	88.27	ug/l	100
85) sec-Butylbenzene	11.94	105	50022	2.84	ug/l	83
86) p-Isopropyltoluene	12.07	119	50126	3.17	ug/l	96
95) Naphthalene	13.83	128	145007	7.73	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003891.D

Acq: 07 Aug 2018 20:06

Instrument :

MSVOA_X

ClientSampled :

FL-0531DL

Tot Ion:168 Resp: 313538

Ion Ratio Lower Upper

168 100

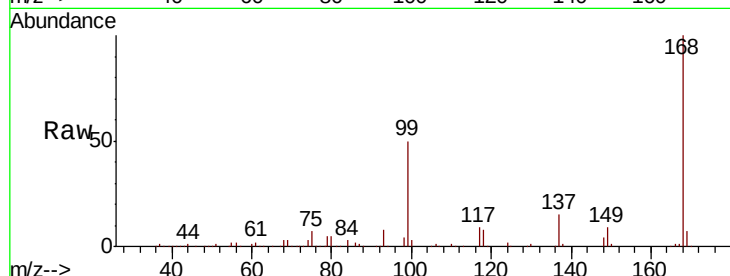
99 50.0 40.1 60.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

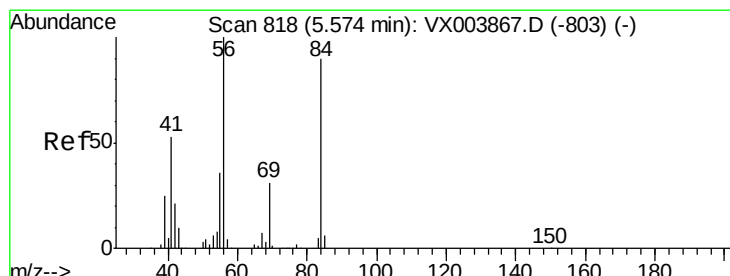
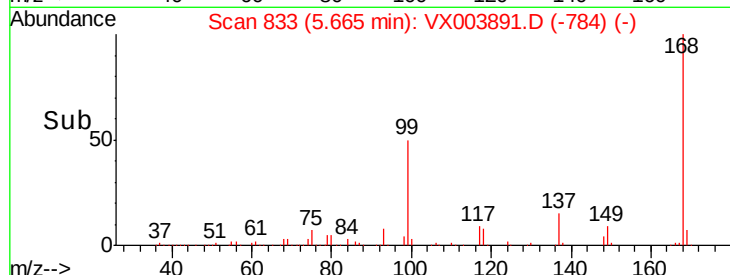
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 10.82 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003891.D

Acq: 07 Aug 2018 20:06

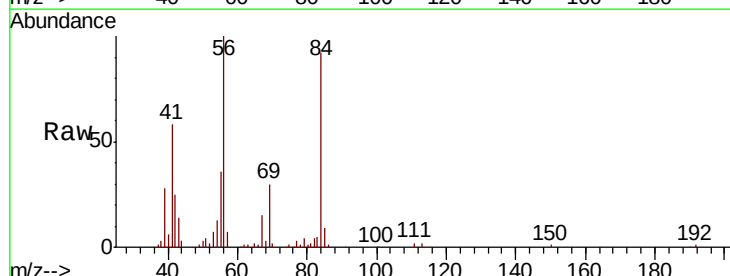
Tgt Ion: 56 Resp: 64818

Ion Ratio Lower Upper

56 100

69 30.2 24.9 37.3

84 91.5 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

25000

20000

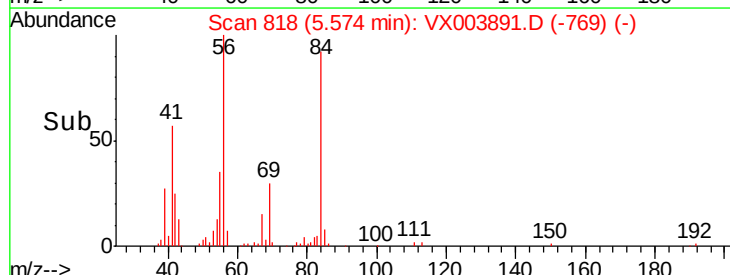
15000

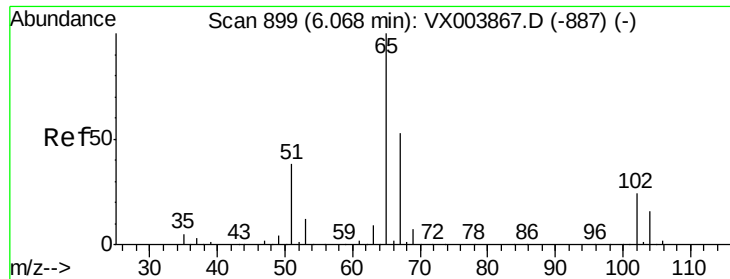
10000

5000

0

Time--> 5.50 5.60





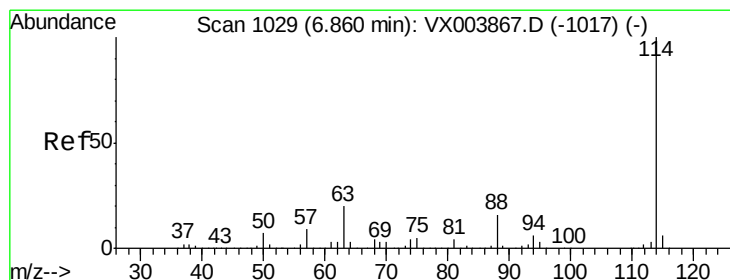
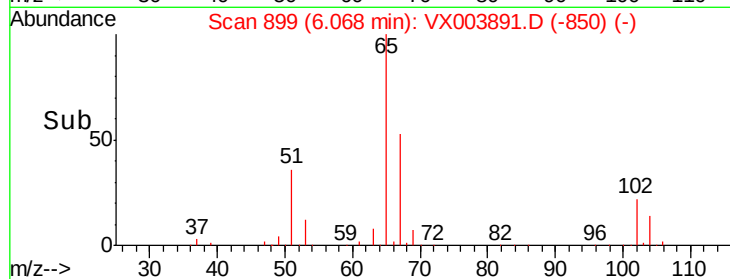
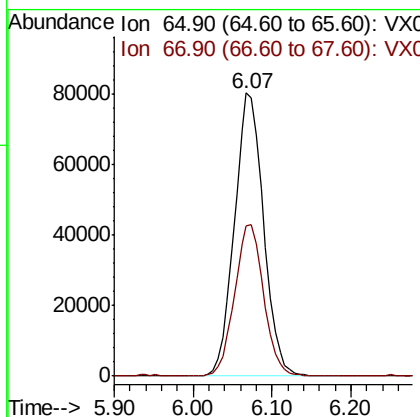
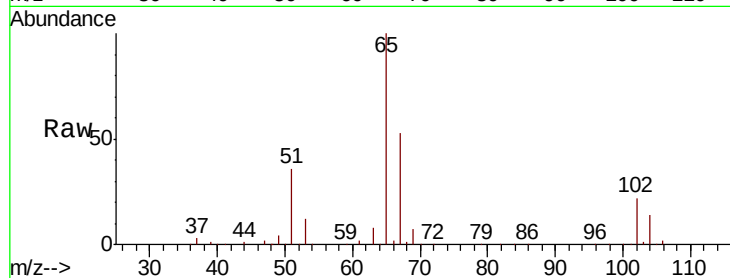
#33
 1,2-Dichloroethane-d4
 Concen: 49.59 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX003891.D
 Acq: 07 Aug 2018 20:06

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0531DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206091		
67	53.4	0.0	105.8	

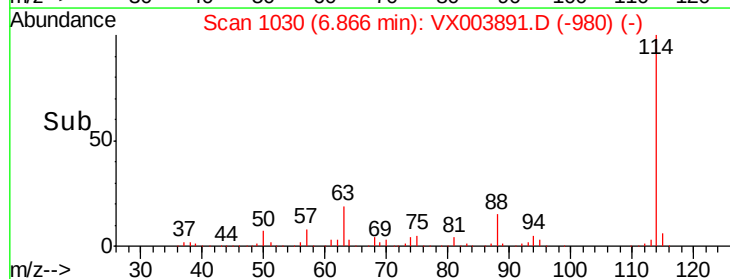
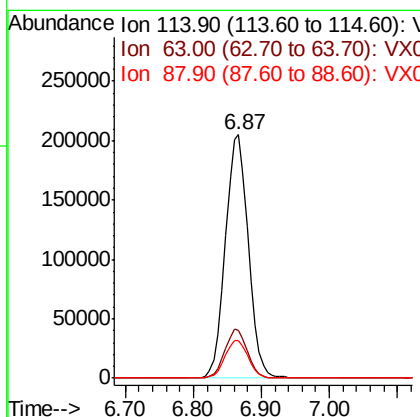
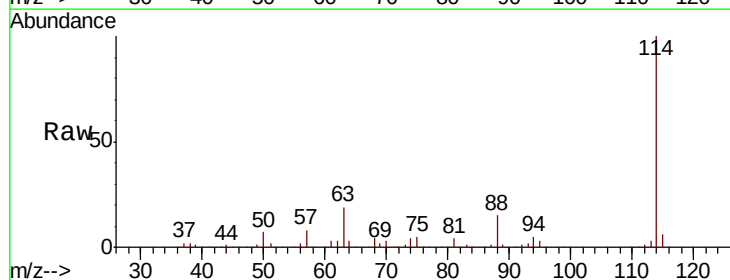
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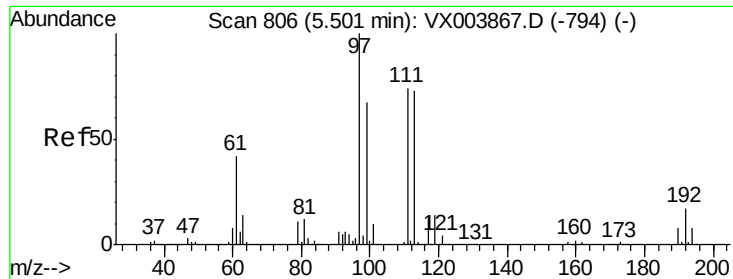
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003891.D
 Acq: 07 Aug 2018 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	478892		
63	19.4	0.0	39.0	
88	15.3	0.0	32.0	





#35

Dibromofluoromethane

Concen: 48.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003891.D

Acq: 07 Aug 2018 20:06

Instrument :

MSVOA_X

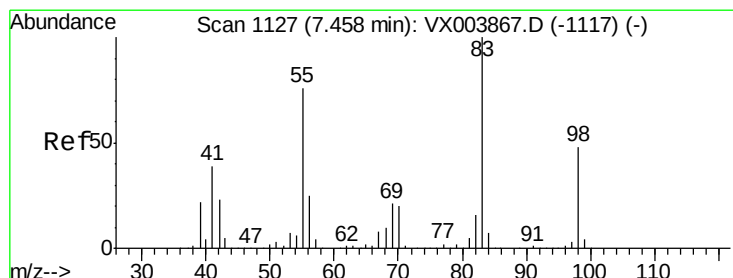
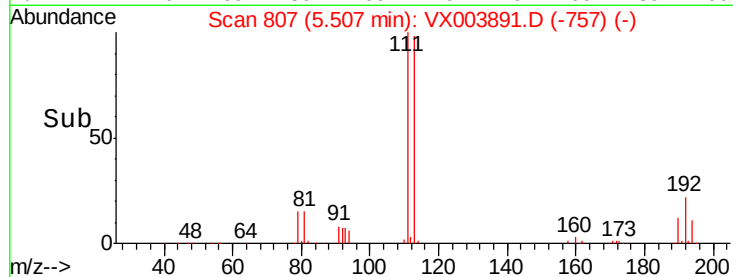
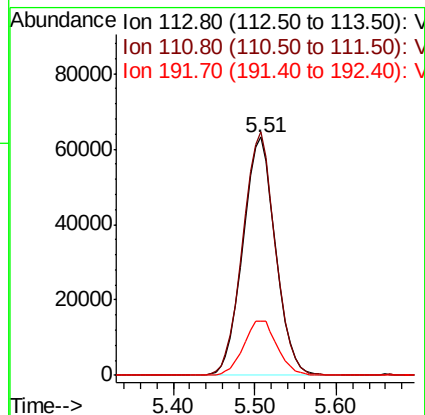
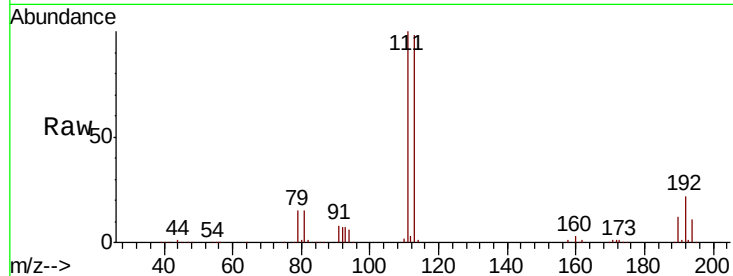
ClientSampleId :

FL-0531DL

Tot Ion:	113	Resp:	174984
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.6	19.0	28.4

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#39

Methylcyclohexane

Concen: 22.06 ug/l

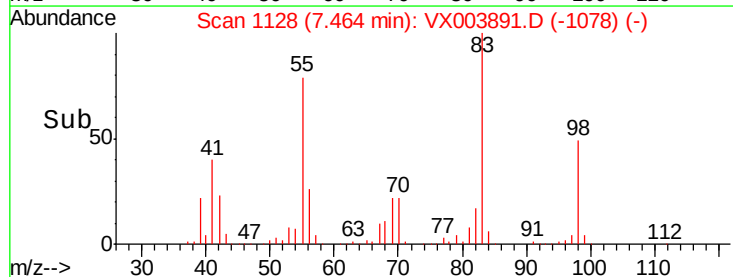
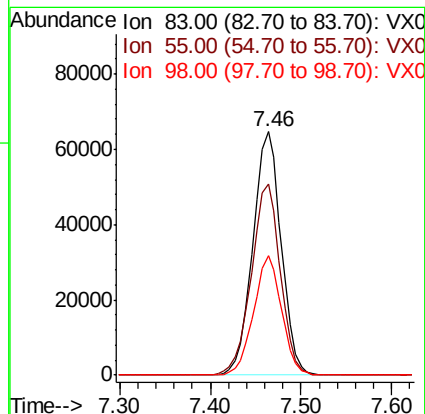
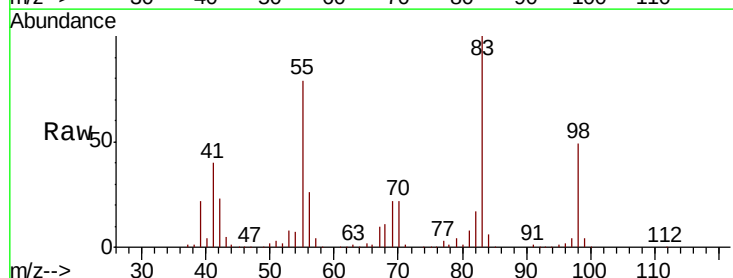
RT: 7.46 min Scan# 1128

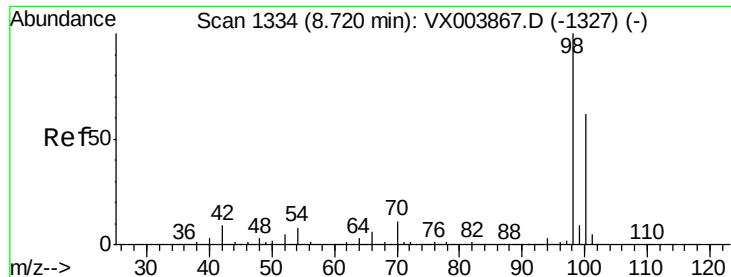
Delta R.T. 0.01 min

Lab File: VX003891.D

Acq: 07 Aug 2018 20:06

Tgt Ion:	83	Resp:	139503
Ion	Ratio	Lower	Upper
83	100		
55	78.7	61.0	91.6
98	49.2	38.6	57.8





#50

Toluene-d8

Concen: 48.61 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003891.D

Acq: 07 Aug 2018 20:06

Instrument :

MSVOA_X

ClientSampleID :

FL-0531DL

Tot Ion: 98 Resp: 685772

Ion Ratio Lower Upper

98 100

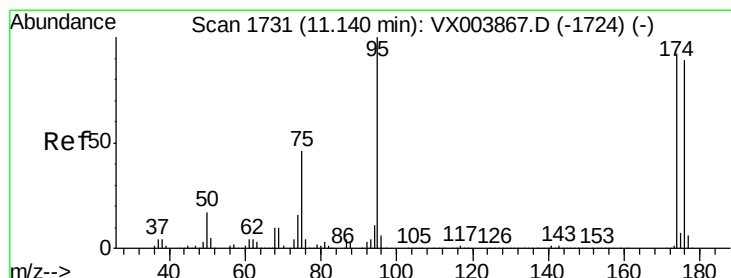
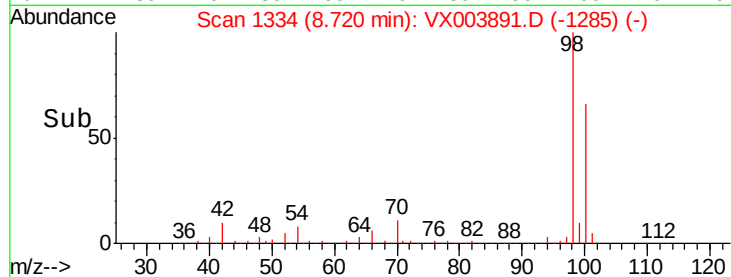
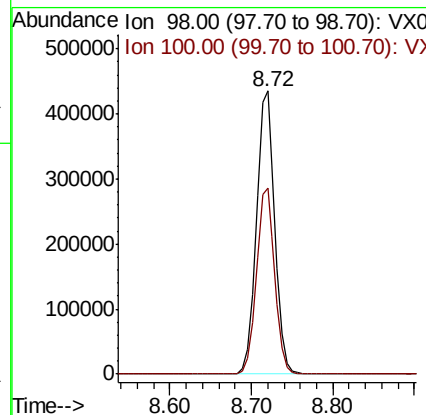
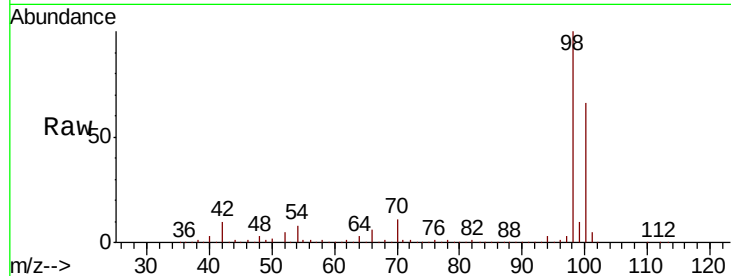
100 65.5 53.3 79.9

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#62

4-Bromofluorobenzene

Concen: 54.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003891.D

Acq: 07 Aug 2018 20:06

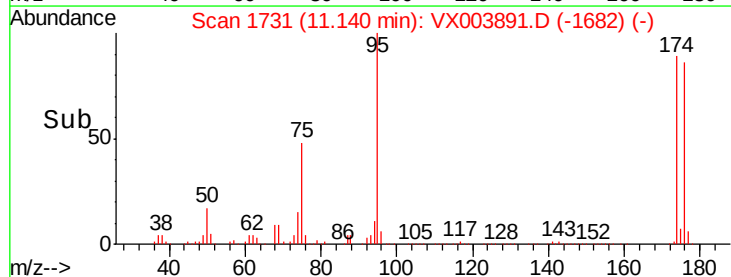
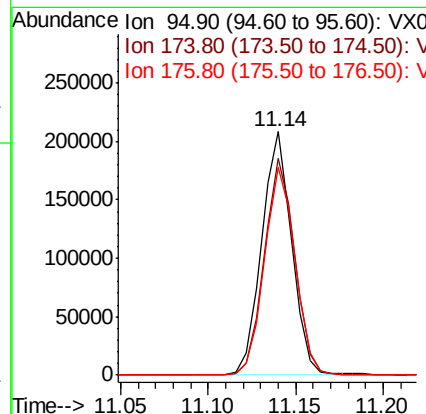
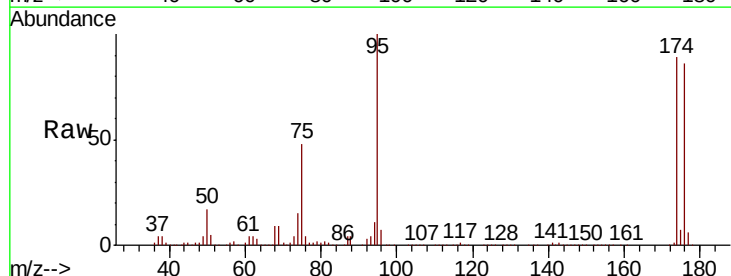
Tgt Ion: 95 Resp: 247676

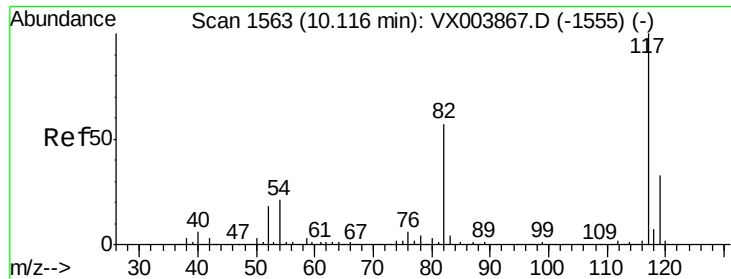
Ion Ratio Lower Upper

95 100

174 90.6 0.0 182.8

176 87.7 0.0 179.0





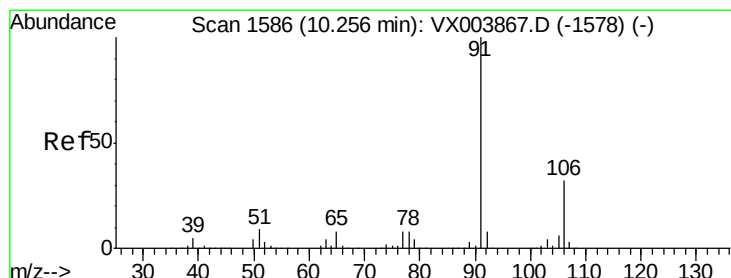
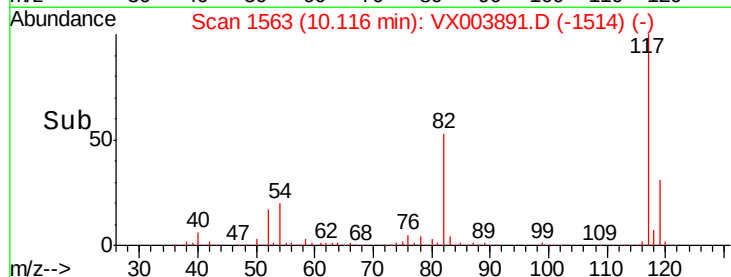
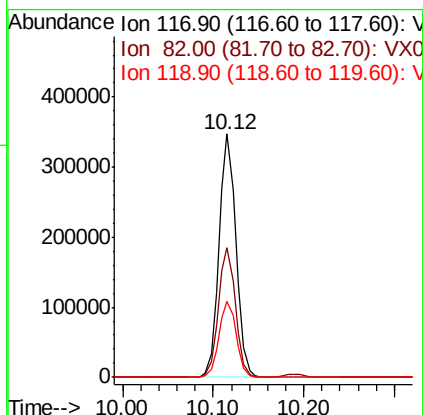
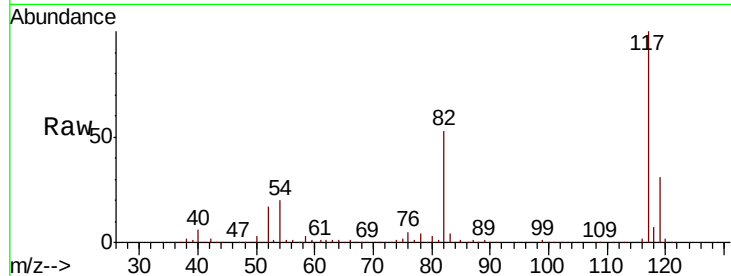
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003891.D
Acq: 07 Aug 2018 20:06

Instrument :
MSVOA_X
ClientSampled :
FL-0531DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.4	68.0
119	31.1	26.6	40.0

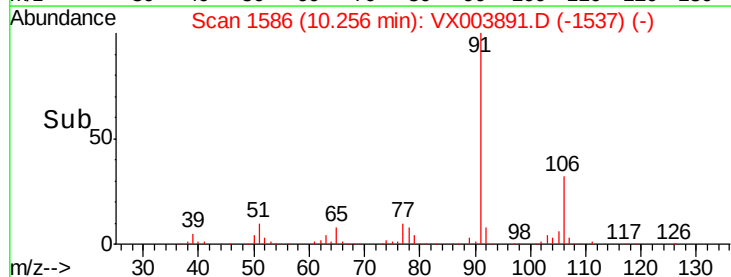
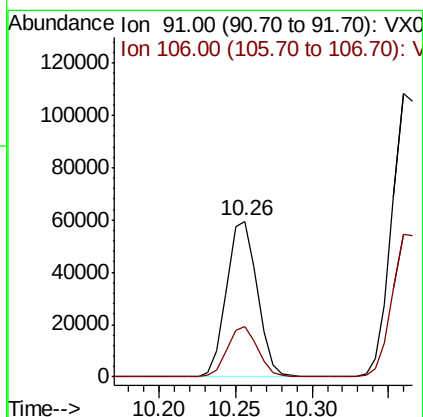
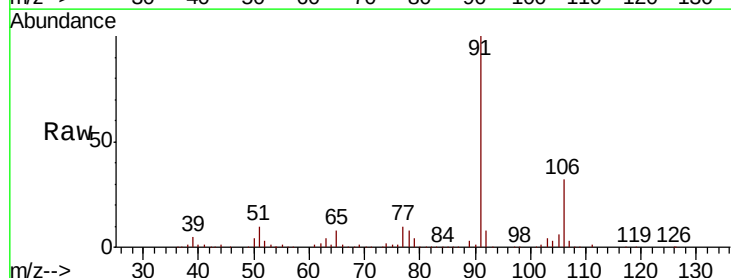
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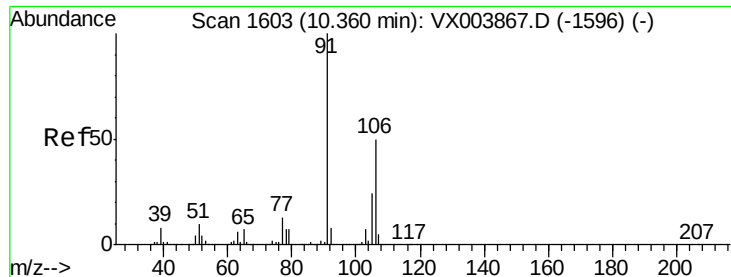
sam
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#67
Ethyl Benzene
Concen: 4.30 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003891.D
Acq: 07 Aug 2018 20:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.9	38.9





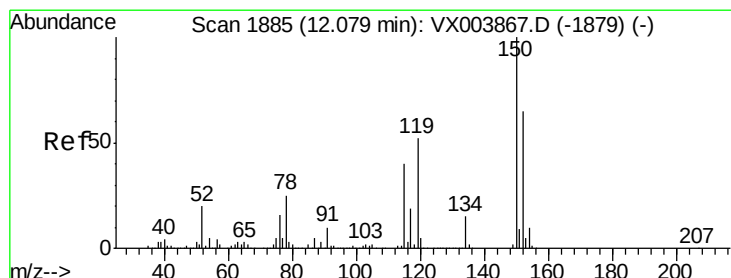
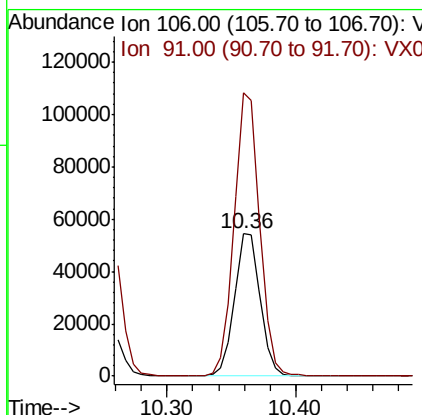
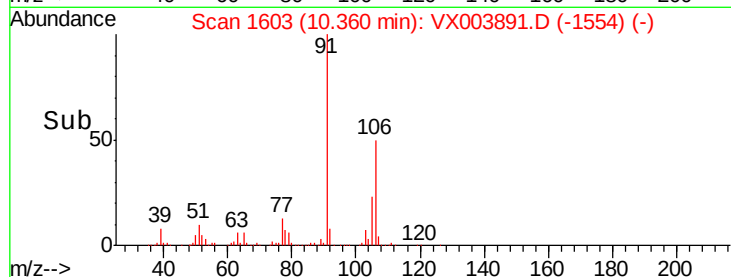
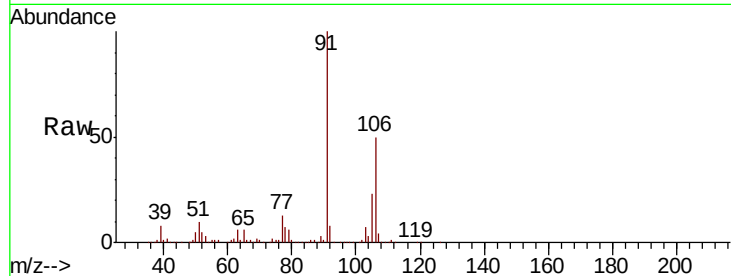
#68
m/p-Xvlenes
Concen: 10.08 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003891.D
Acq: 07 Aug 2018 20:06

Instrument :
MSVOA_X
ClientSampled :
FL-0531DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		75916		
91	196.9	162.3	243.5		

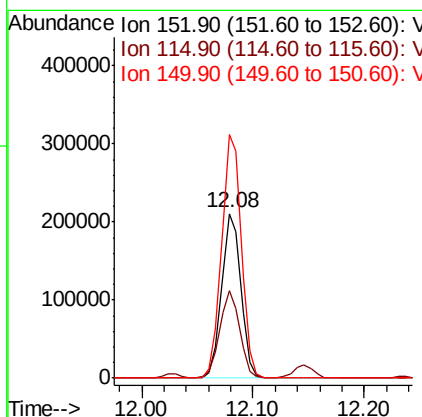
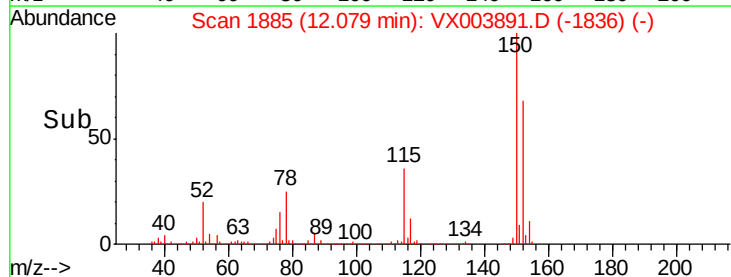
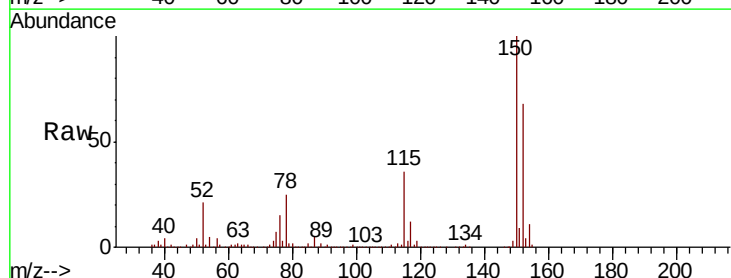
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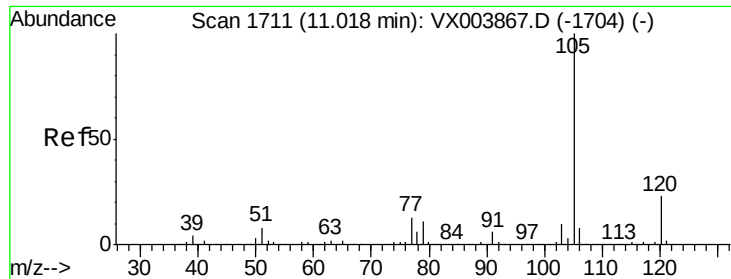
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003891.D
Acq: 07 Aug 2018 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		251727		
115	54.8	39.1	117.3		
150	151.8	0.0	349.2		





#73

Isopropylbenzene

Concen: 6.28 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003891.D

Acq: 07 Aug 2018 20:06

Instrument :

MSVOA_X

ClientSampled :

FL-0531DL

Tot Ion: 105 Resp: 116901

Ion Ratio Lower Upper

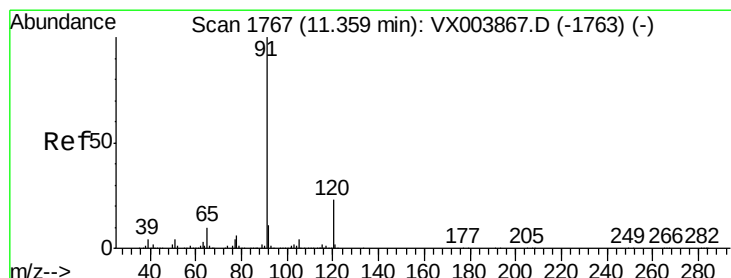
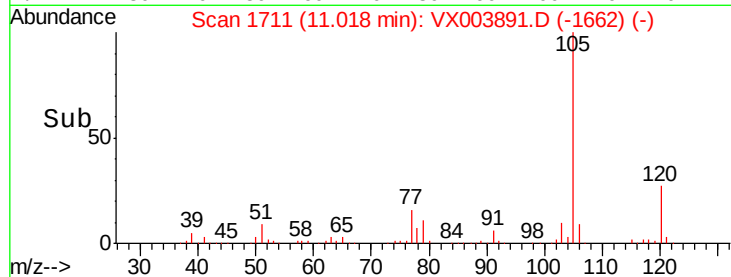
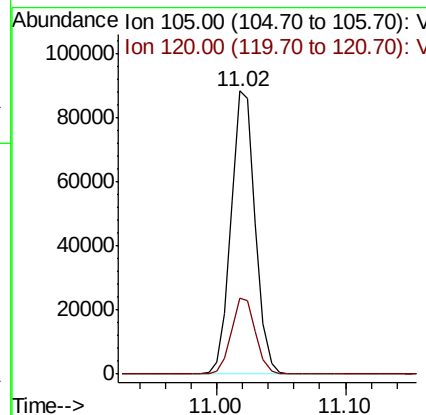
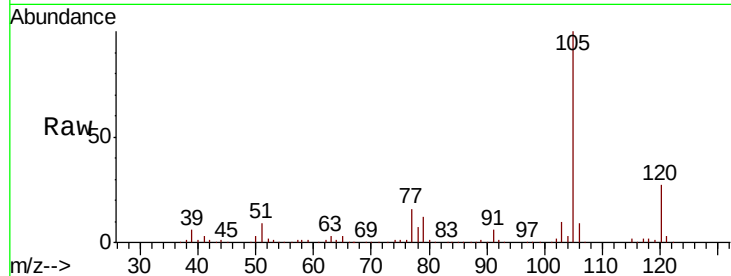
105 100

120 27.1 12.6 37.8

Manual Integrations
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#78

n-propylbenzene

Concen: 10.92 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003891.D

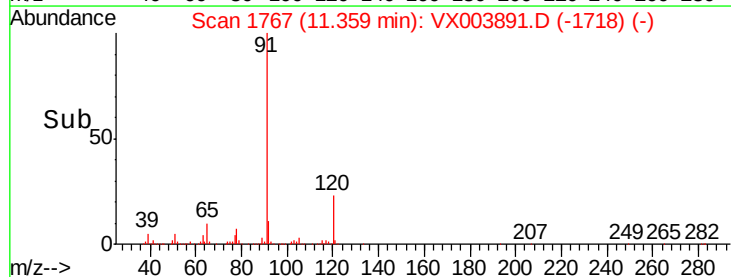
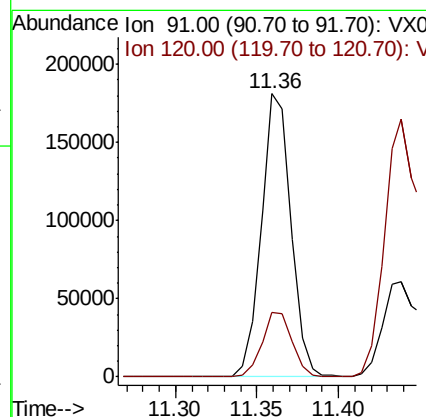
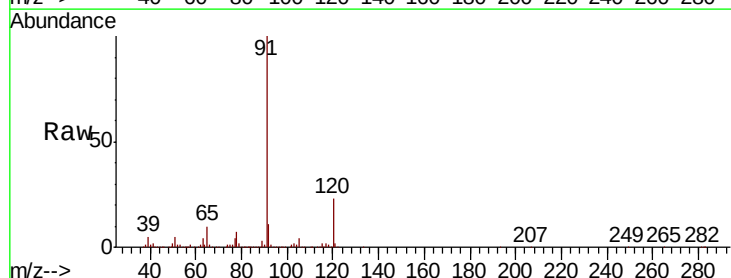
Acq: 07 Aug 2018 20:06

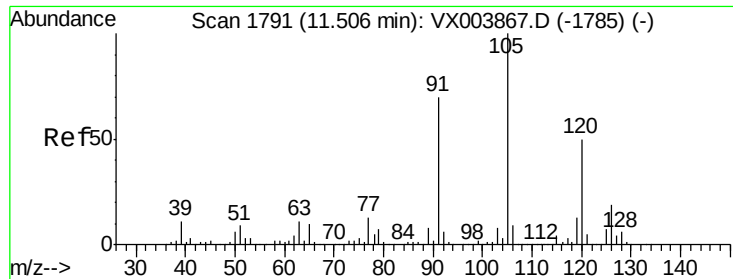
Tgt Ion: 91 Resp: 228360

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5





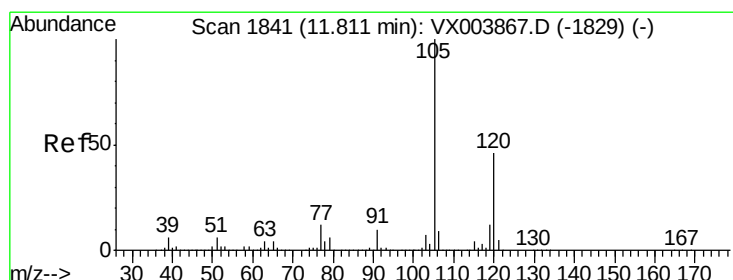
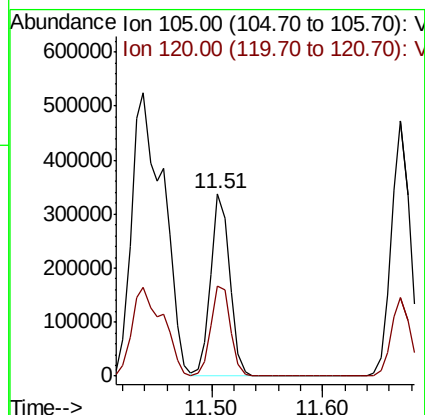
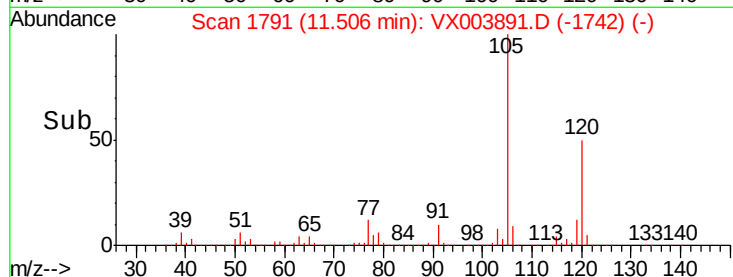
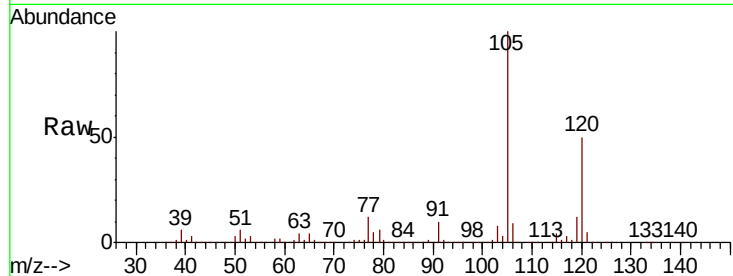
#80
 1,3,5-Trimethylbenzene
 Concen: 26.54 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003891.D
 Acq: 07 Aug 2018 20:06

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0531DL

Tot Ion:105 Resp: 403064
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.2

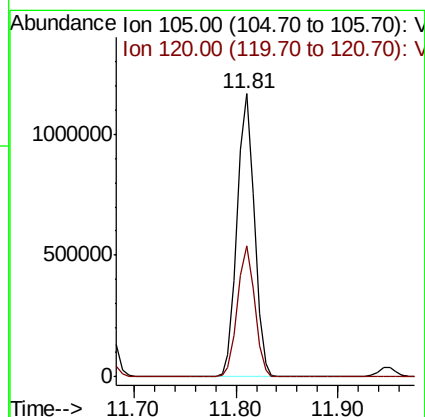
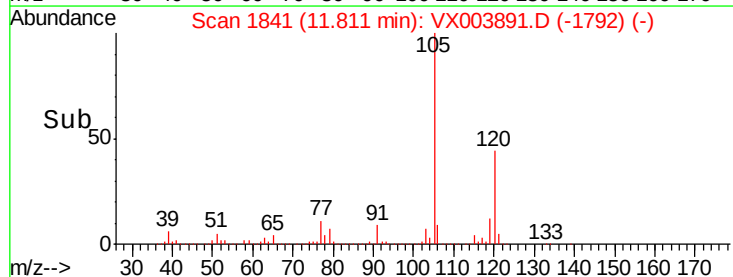
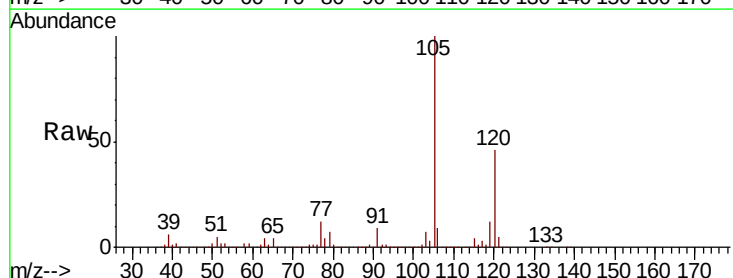
Manual Integrations
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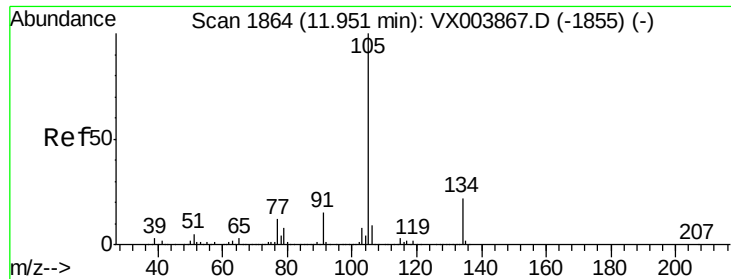
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 88.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003891.D
 Acq: 07 Aug 2018 20:06

Tgt Ion:105 Resp: 1347705
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





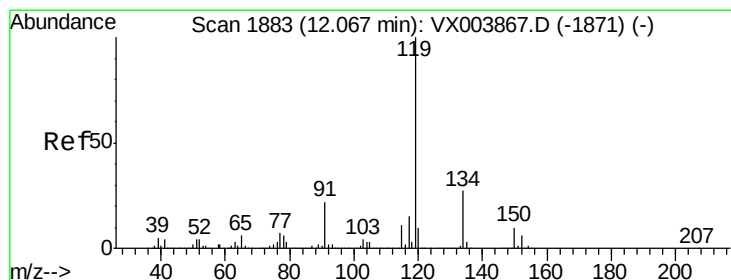
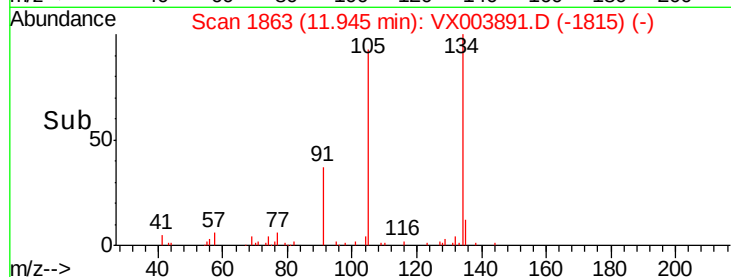
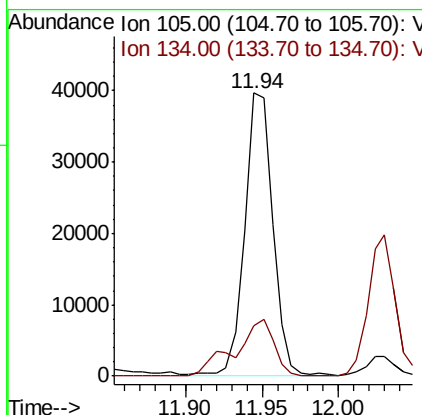
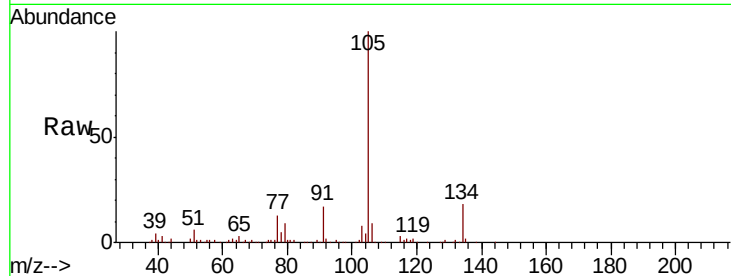
#85
 sec-Butylbenzene
 Concen: 2.84 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003891.D
 Acq: 07 Aug 2018 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0531DL

Tot Ion	Ratio	Lower	Upper
105	100		
134	28.6	10.3	30.9

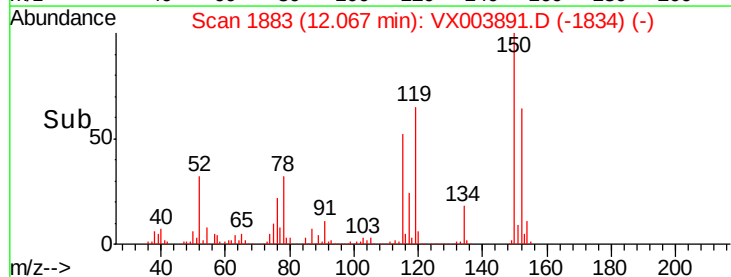
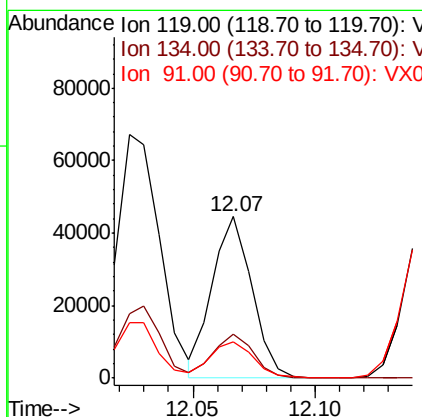
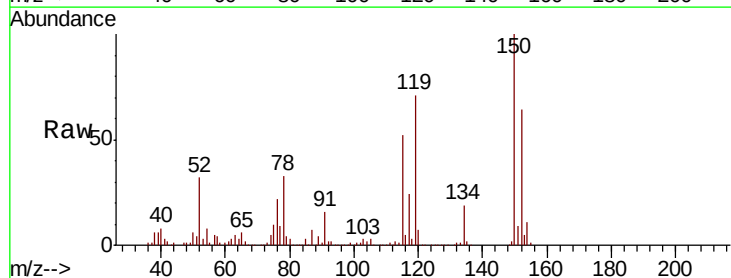
Manual Integrations
 APPROVED

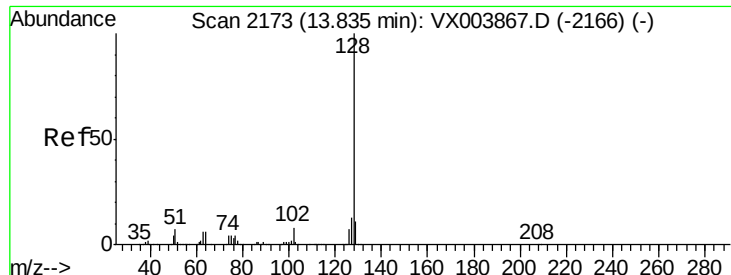
Sam
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#86
 p-Isopropyltoluene
 Concen: 3.17 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003891.D
 Acq: 07 Aug 2018 20:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.3	39.8
91	24.2	10.9	32.7





#95
Naphthalene
Concen: 7.73 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003891.D
Acq: 07 Aug 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
FL-0531DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.5	8.8	13.2

Manual Integrations
APPROVED

sam
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