

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003887.D
 Acq On : 07 Aug 2018 18:19
 Operator : JC/MD
 Sample : J4263-08DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0517DL

Manual Integrations
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 8/8/2018 12:01:44 PM

Quant Time: Aug 08 09:44:02 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	5.66	168	303175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	462077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	440378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198478	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	5.50	113	166827	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	660511	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.14	95	243279	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.57	56	92229	15.92	ug/l	100
39) Methylcyclohexane	7.46	83	102244	16.76	ug/l	95
40) Benzene	6.14	78	6624	0.43	ug/l	99
67) Ethyl Benzene	10.26	91	279103	14.88	ug/l	99
68) m/p-Xylenes	10.36	106	364441	49.72	ug/l	97
69) o-Xylene	10.70	106	33861	4.89	ug/l	96
73) Isopropylbenzene	11.02	105	28970	1.64	ug/l	95
78) n-propylbenzene	11.36	91	33222	1.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	236967	16.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	895443	61.86	ug/l	100
85) sec-Butylbenzene	11.95	105	8019m	0.48	ug/l	
86) p-Isopropyltoluene	12.07	119	22910	1.53	ug/l	95
95) Naphthalene	13.83	128	143623	8.08	ug/l	99

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

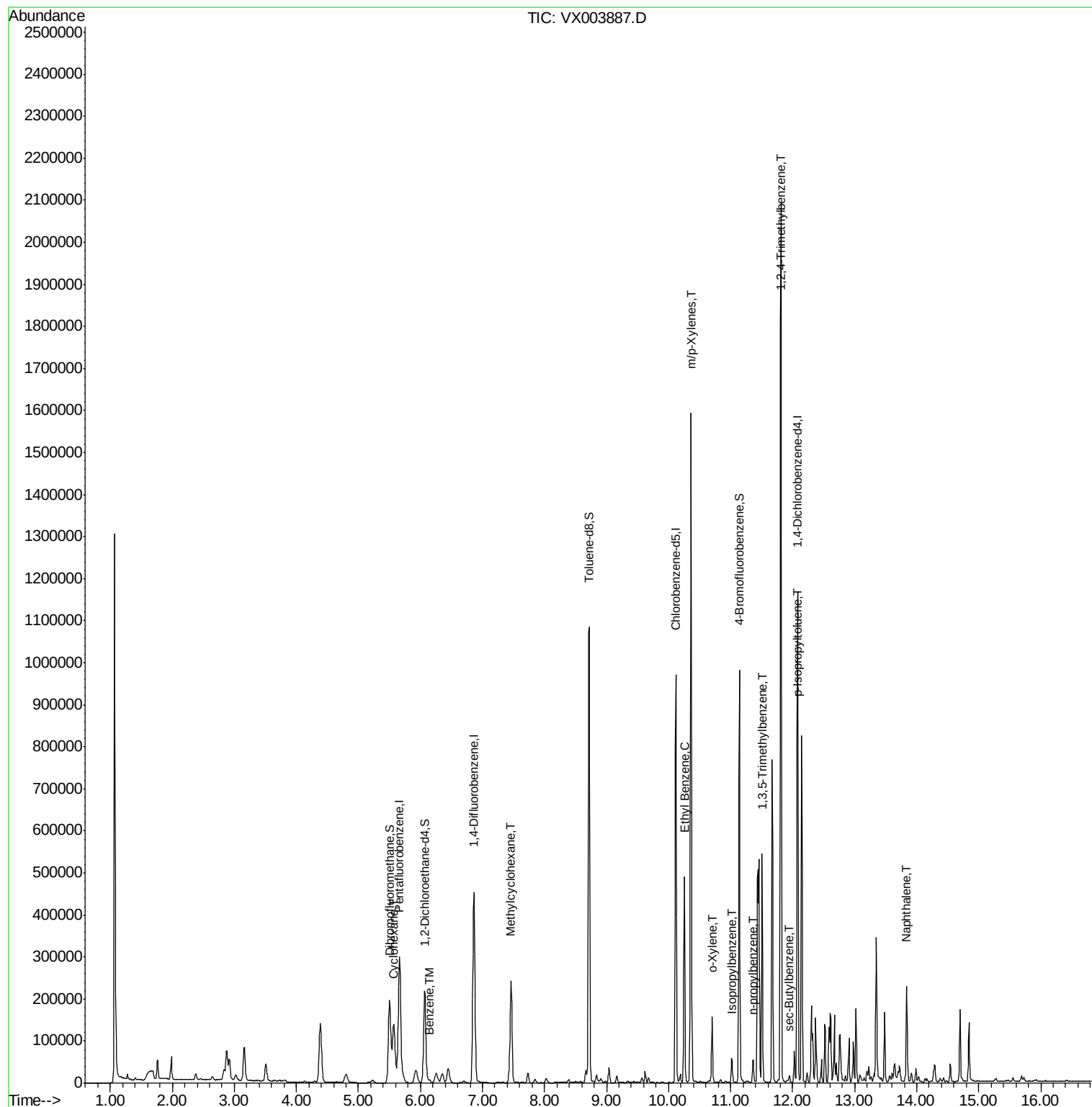
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003887.D
Acq On : 07 Aug 2018 18:19
Operator : JC/MD
Sample : J4263-08DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

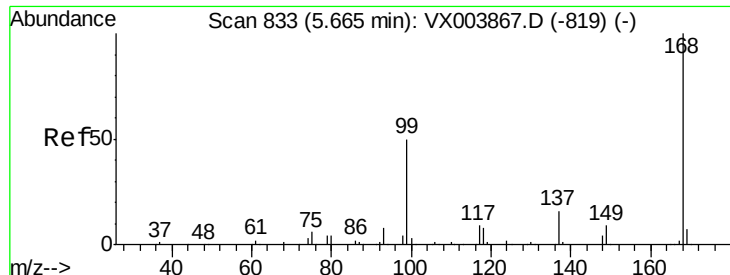
Instrument :
MSVOA_X
ClientSampleId :
FL-0517DL

Manual Integrations
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Quant Time: Aug 08 09:44:02 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003887.D

Acq: 07 Aug 2018 18:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0517DL

Tot Ion:168 Resp: 303175

Ion Ratio Lower Upper

168 100

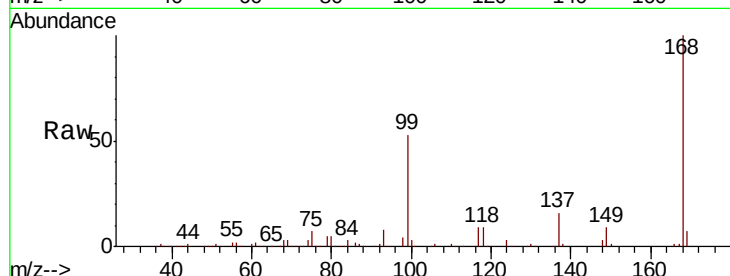
99 53.2 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

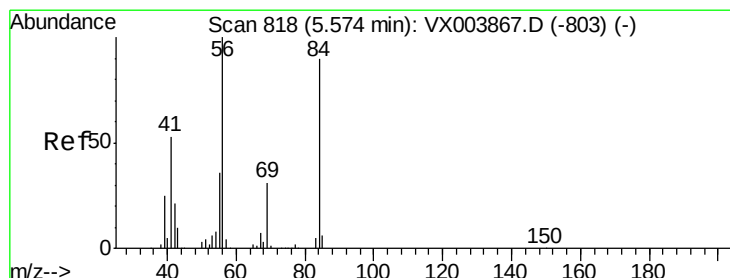
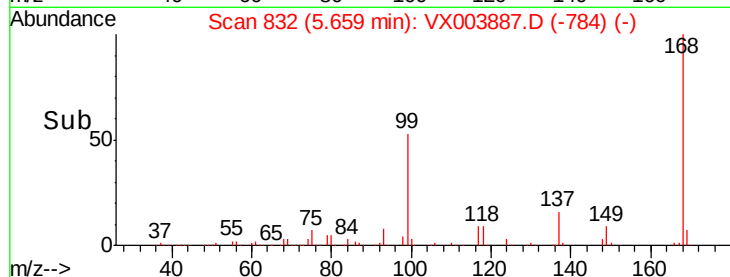
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 15.92 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003887.D

Acq: 07 Aug 2018 18:19

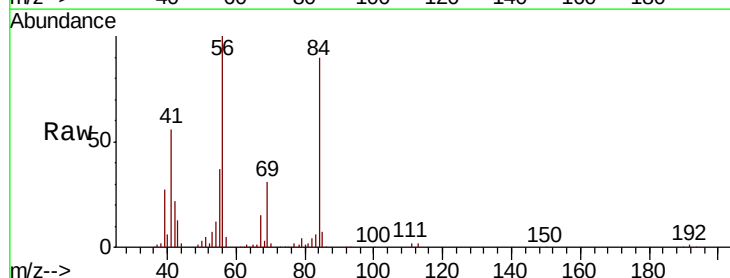
Tgt Ion: 56 Resp: 92229

Ion Ratio Lower Upper

56 100

69 30.6 24.9 37.3

84 89.8 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

40000

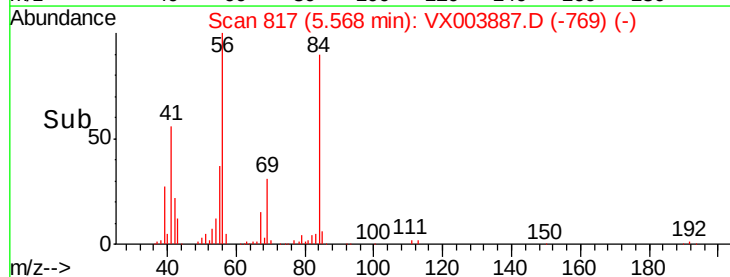
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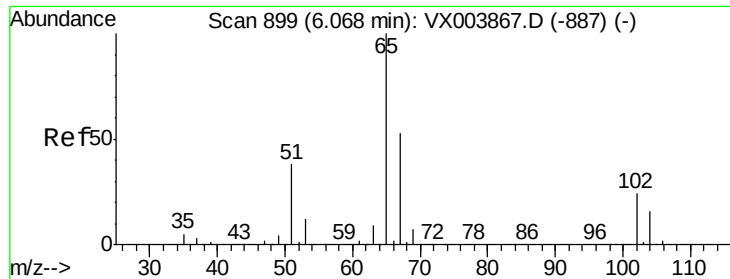
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10000

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Time-->





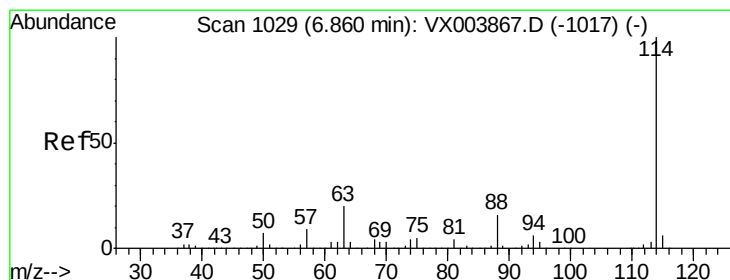
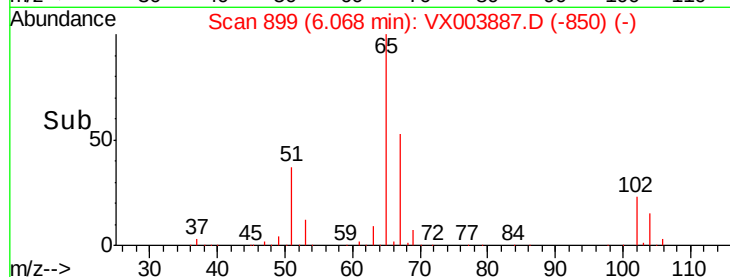
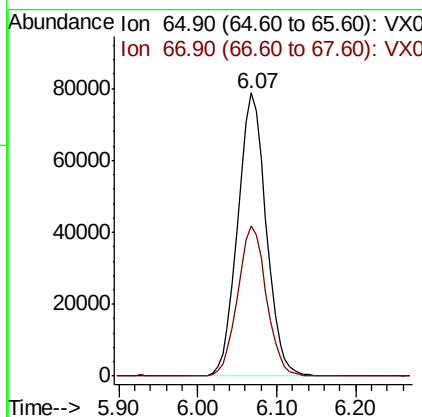
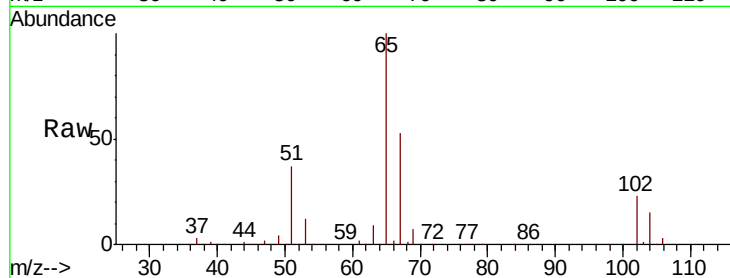
#33
 1,2-Dichloroethane-d4
 Concen: 49.39 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003887.D
 Acq: 07 Aug 2018 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0517DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198478		
67	53.6	0.0	105.8	

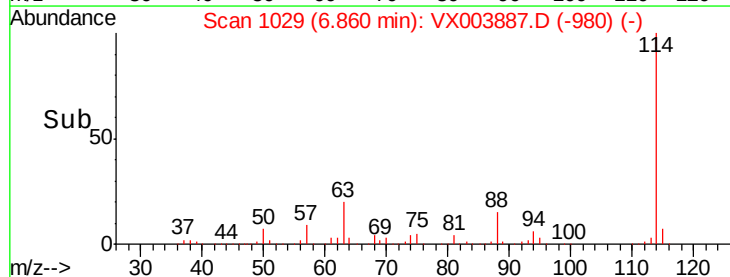
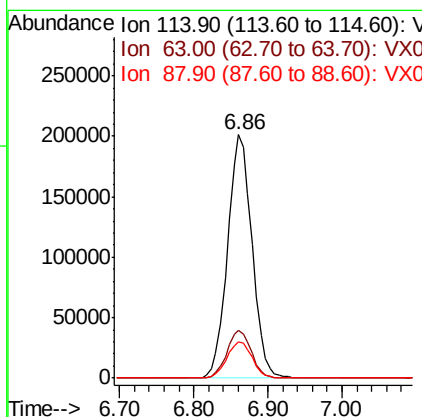
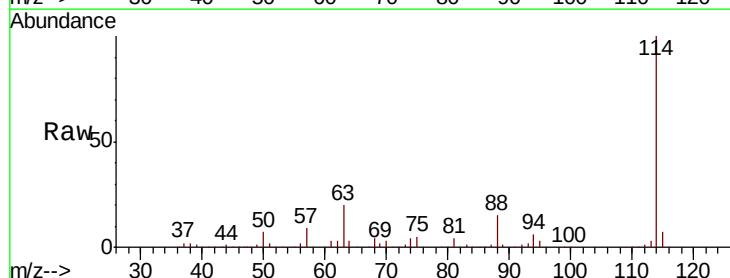
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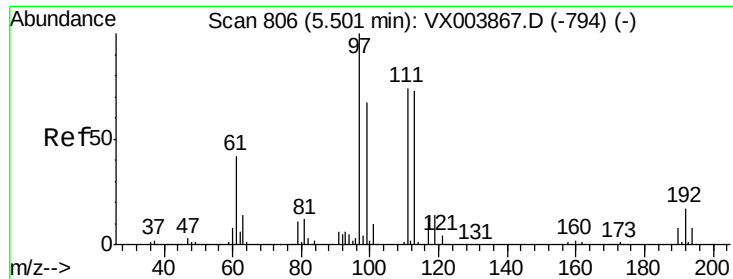
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX003887.D
 Acq: 07 Aug 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	462077		
63	19.8	0.0	39.0	
88	15.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 47.66 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003887.D

Acq: 07 Aug 2018 18:19

Instrument :

MSVOA_X

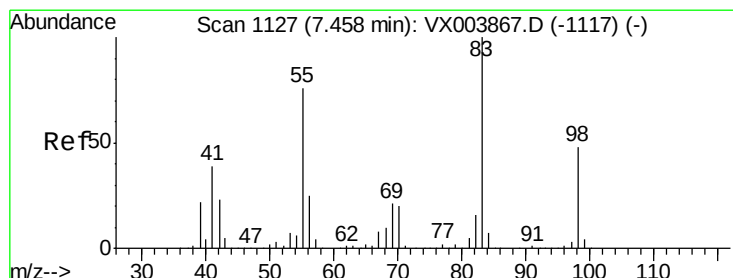
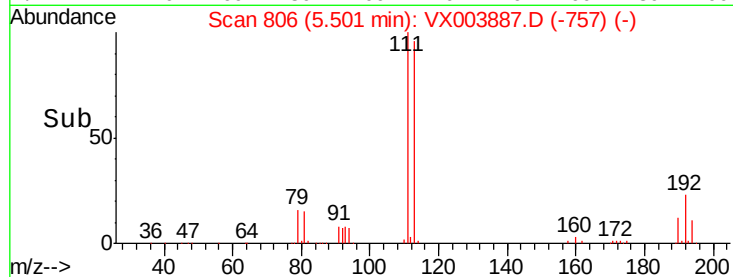
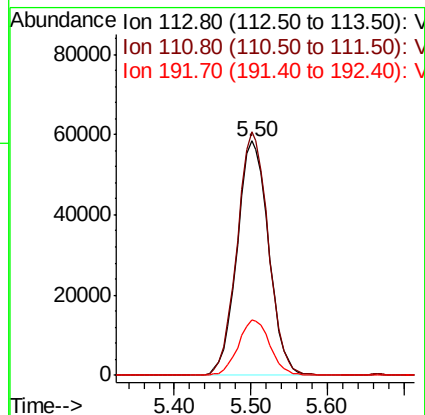
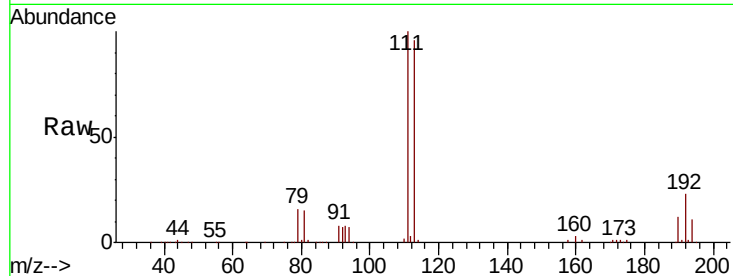
ClientSampleId :

FL-0517DL

Tot Ion:	113	Resp:	166827
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.6	19.0	28.4

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#39

Methylcyclohexane

Concen: 16.76 ug/l

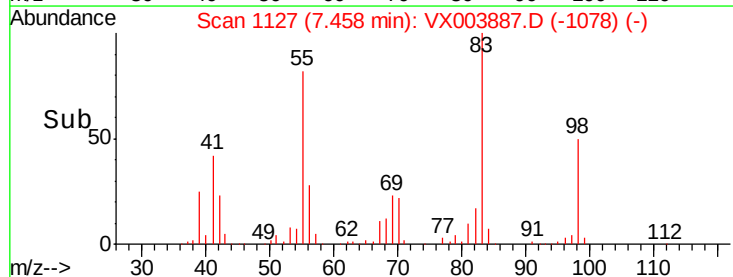
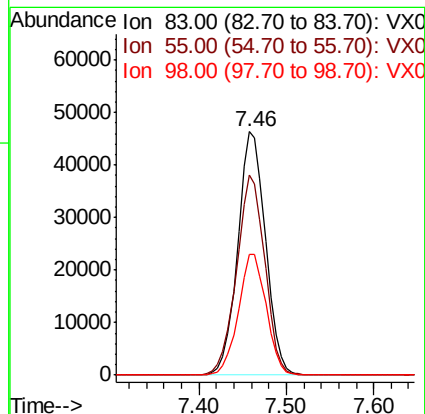
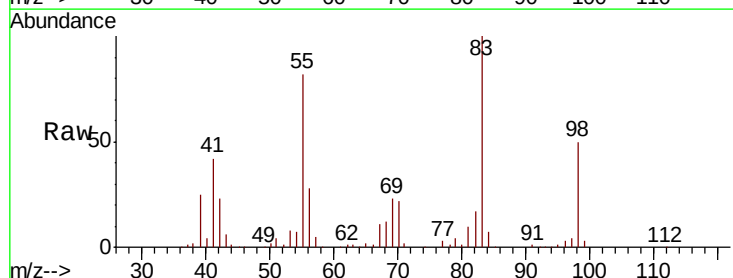
RT: 7.46 min Scan# 1127

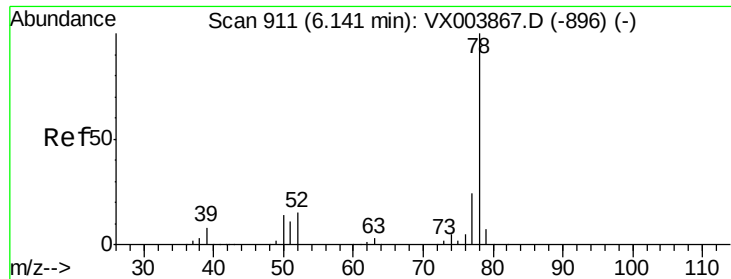
Delta R.T. -0.00 min

Lab File: VX003887.D

Acq: 07 Aug 2018 18:19

Tgt Ion:	83	Resp:	102244
Ion	Ratio	Lower	Upper
83	100		
55	82.0	61.0	91.6
98	49.8	38.6	57.8





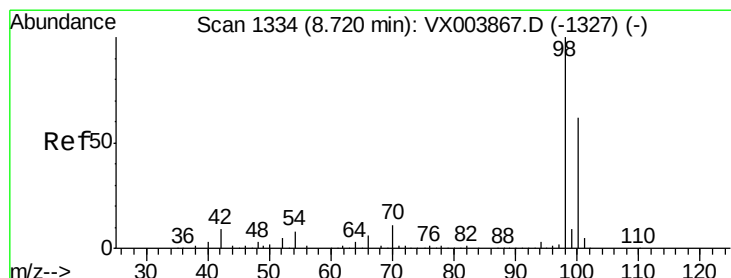
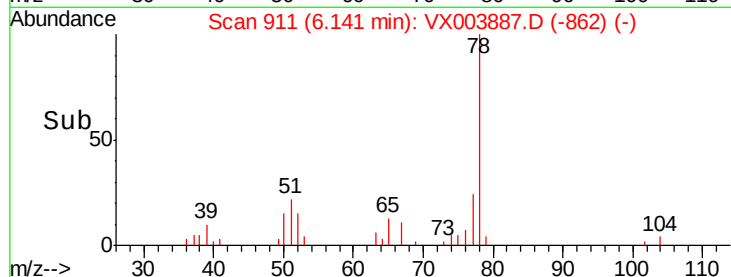
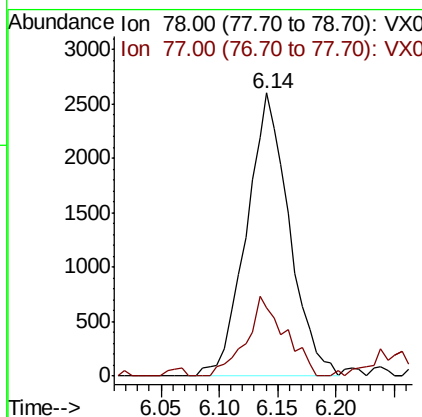
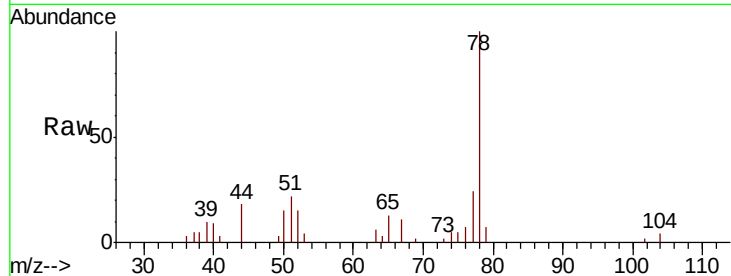
#40
Benzene
Concen: 0.43 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX003887.D
Acq: 07 Aug 2018 18:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0517DL

Tot Ion: 78 Resp: 6624
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

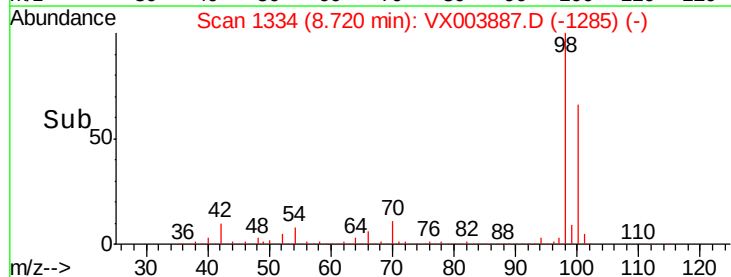
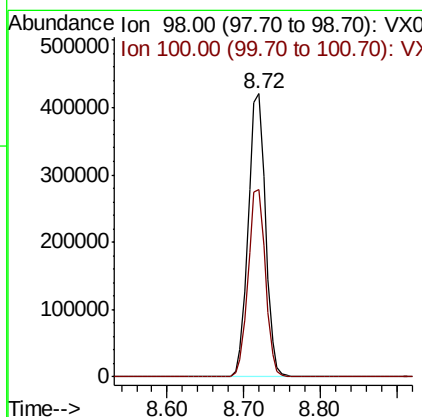
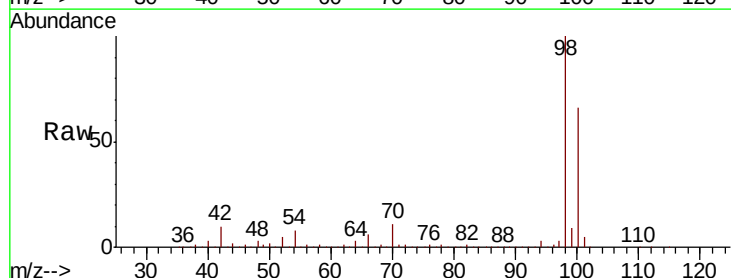
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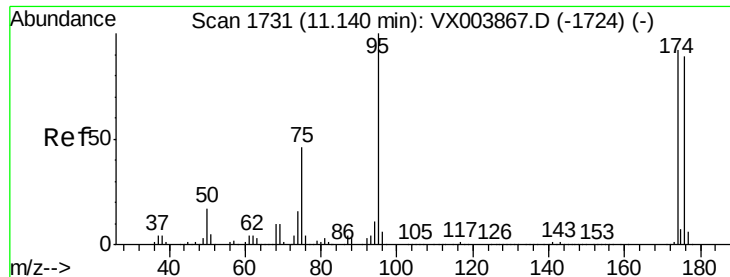
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#50
Toluene-d8
Concen: 48.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003887.D
Acq: 07 Aug 2018 18:19

Tgt Ion: 98 Resp: 660511
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9





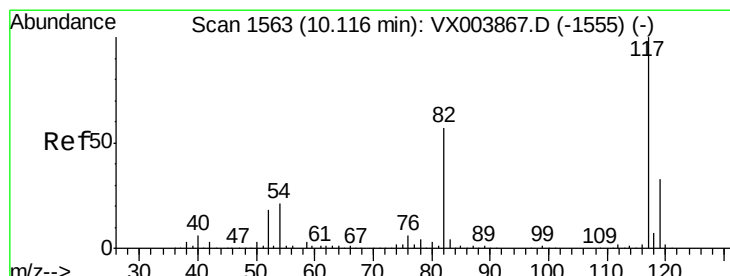
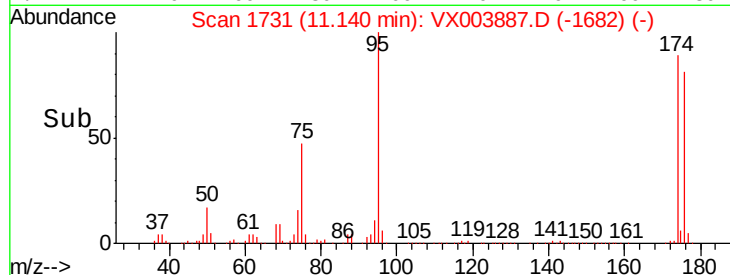
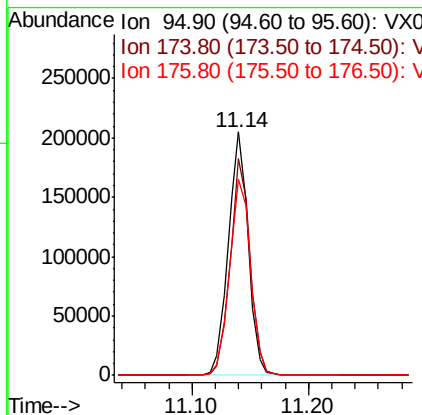
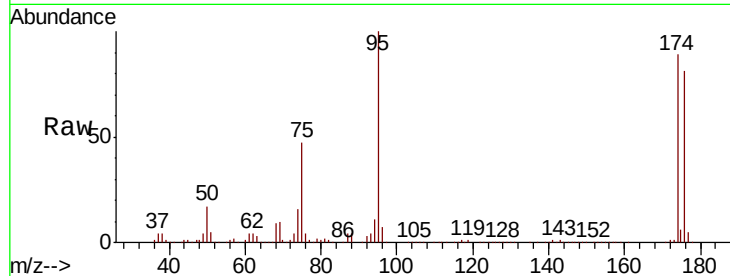
#62
4-Bromofluorobenzene
Concen: 55.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003887.D
Acq: 07 Aug 2018 18:19

Instrument :
MSVOA_X
ClientSampled :
FL-0517DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	243279		
174	89.5	0.0	182.8	
176	85.3	0.0	179.0	

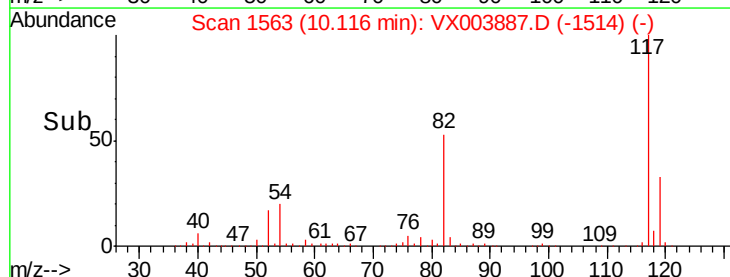
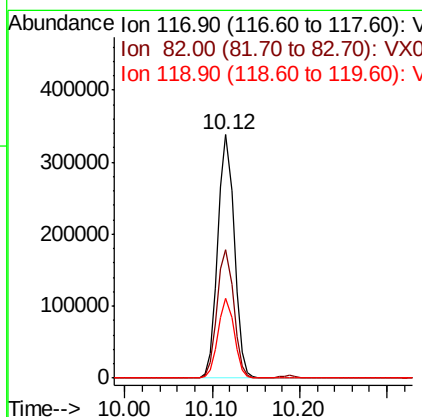
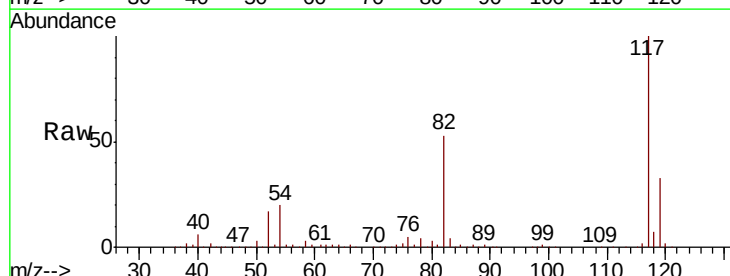
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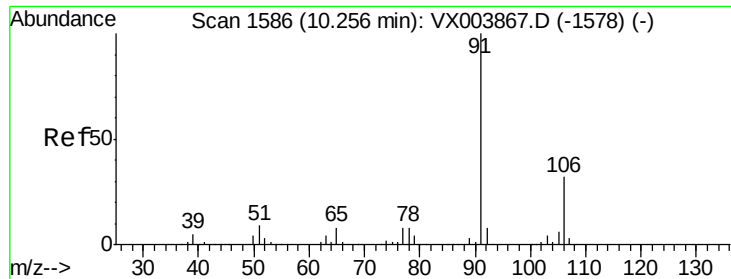
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003887.D
Acq: 07 Aug 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	440378		
82	52.8	45.4	68.0	
119	32.5	26.6	40.0	





#67

Ethyl Benzene

Concen: 14.88 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003887.D

Acq: 07 Aug 2018 18:19

Instrument :

MSVOA_X

ClientSampled :

FL-0517DL

Tot Ion: 91 Resp: 279103

Ion Ratio Lower Upper

91 100

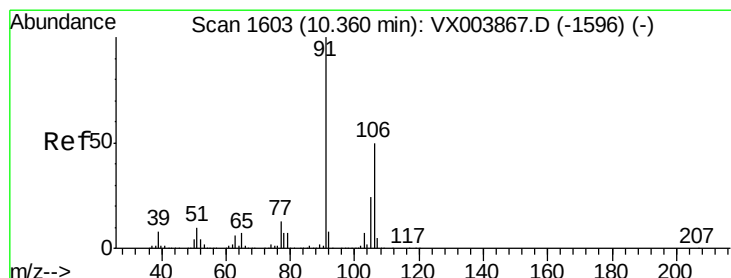
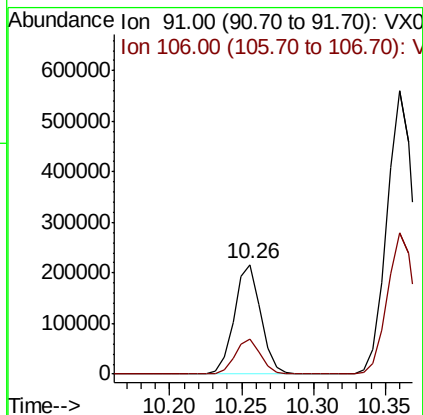
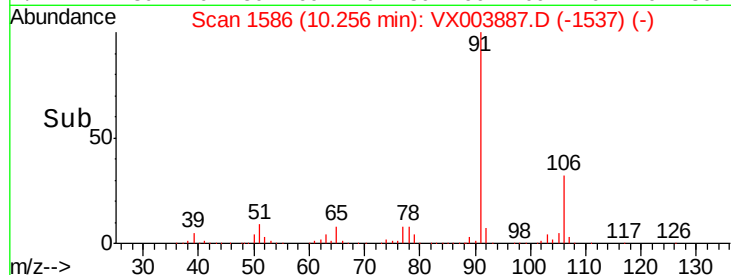
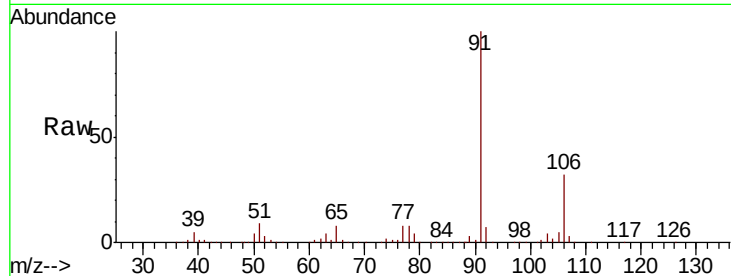
106 31.8 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 49.72 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003887.D

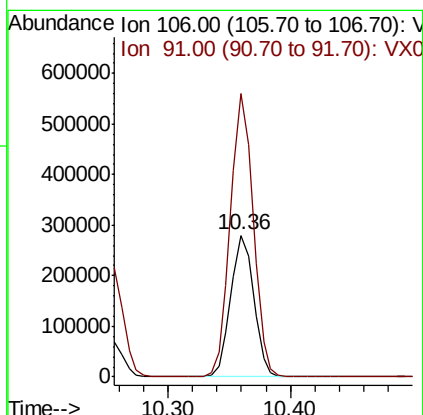
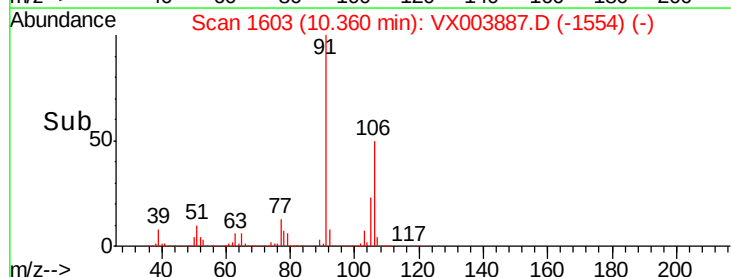
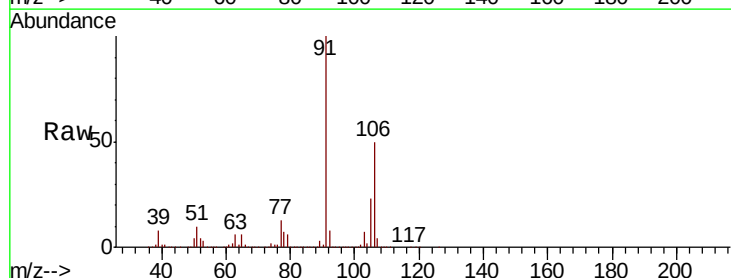
Acq: 07 Aug 2018 18:19

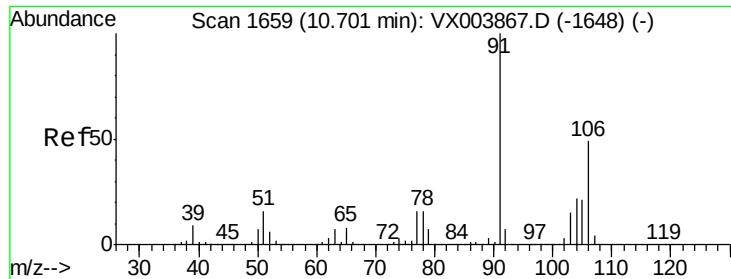
Tgt Ion:106 Resp: 364441

Ion Ratio Lower Upper

106 100

91 198.8 162.3 243.5





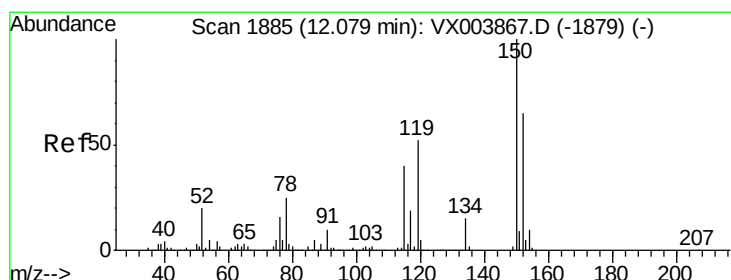
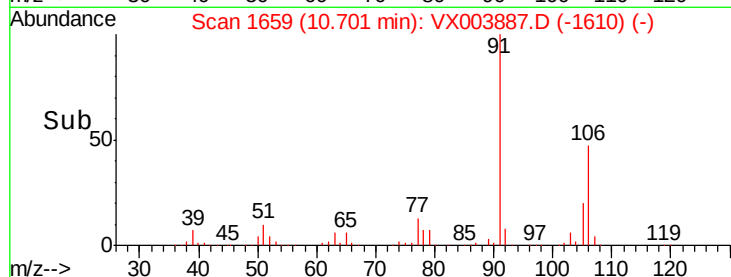
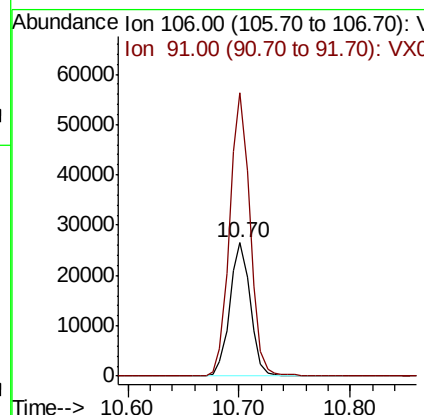
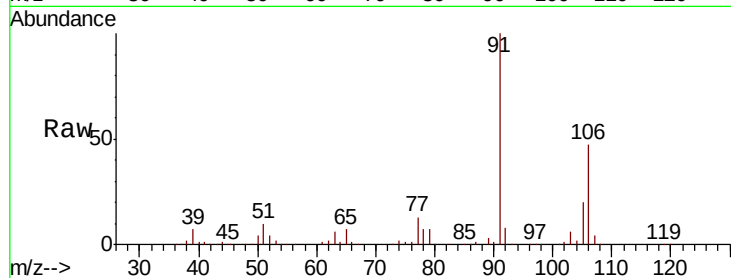
#69
o-Xylene
Concen: 4.89 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003887.D
Acq: 07 Aug 2018 18:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0517DL

Tot Ion:106 Resp: 33861
Ion Ratio Lower Upper
106 100
91 209.5 101.9 305.7

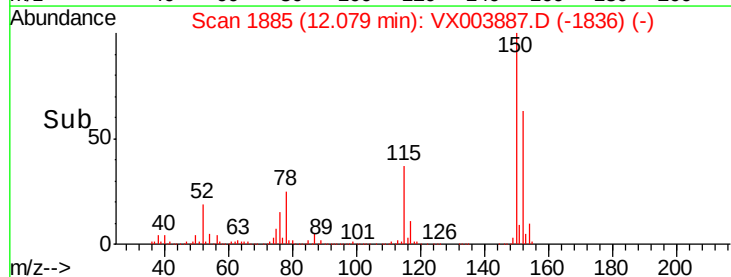
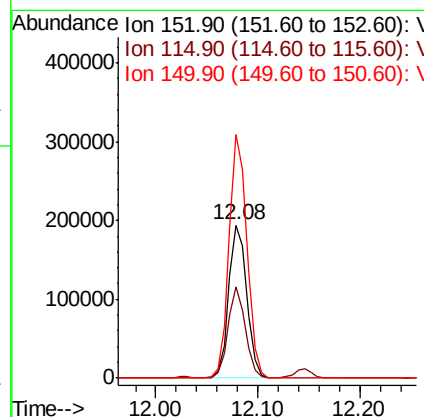
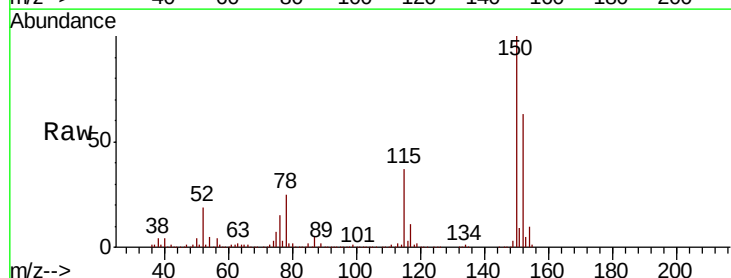
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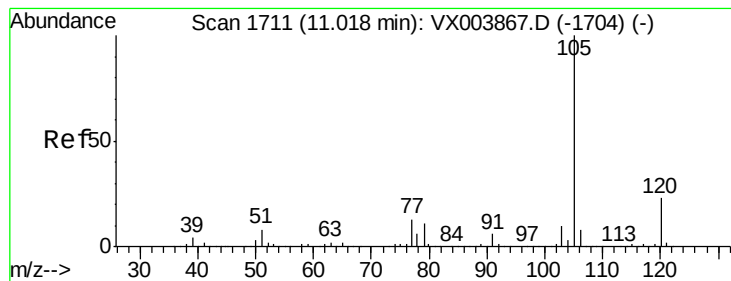
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8/8/2018 12:01:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003887.D
Acq: 07 Aug 2018 18:19

Tgt Ion:152 Resp: 238650
Ion Ratio Lower Upper
152 100
115 56.5 39.1 117.3
150 157.2 0.0 349.2





#73

Isopropylbenzene

Concen: 1.64 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003887.D

Acq: 07 Aug 2018 18:19

Instrument :

MSVOA_X

ClientSampled :

FL-0517DL

Tot Ion: 105 Resp: 28970

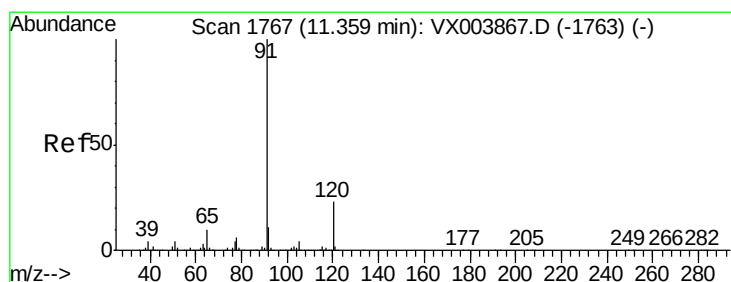
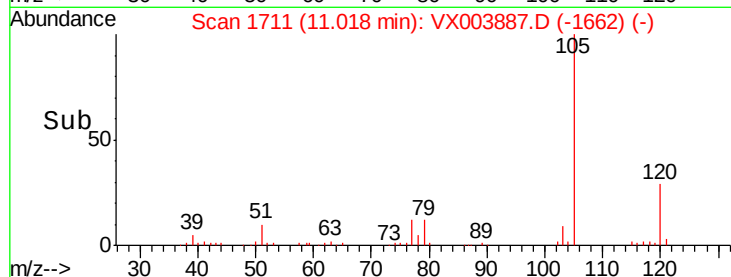
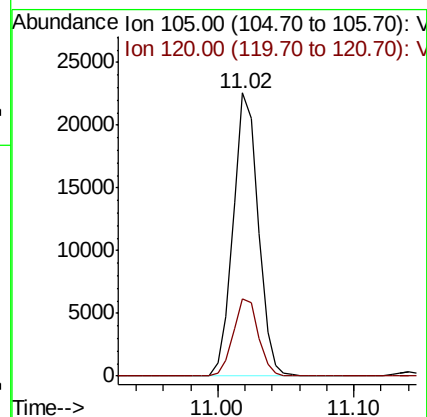
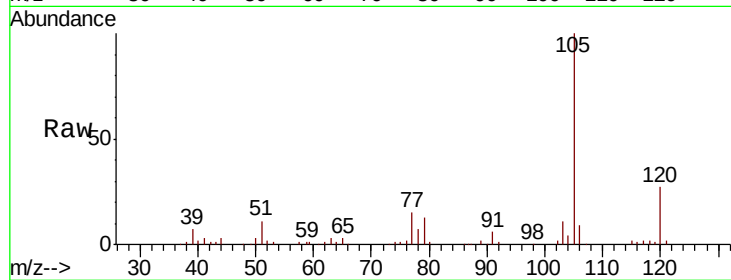
Ion Ratio Lower Upper

105 100

120 27.5 12.6 37.8

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#78

n-propylbenzene

Concen: 1.68 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003887.D

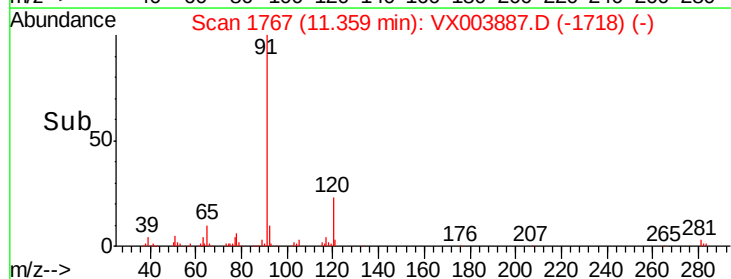
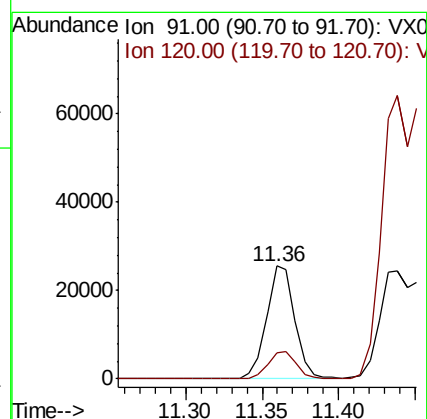
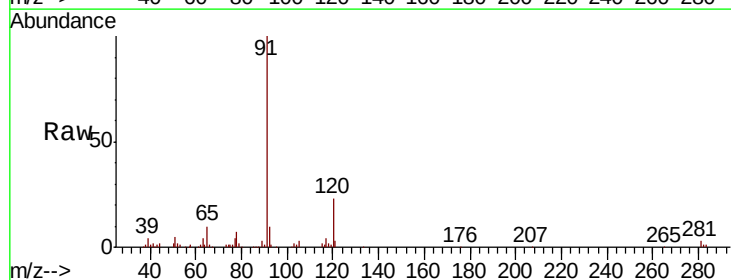
Acq: 07 Aug 2018 18:19

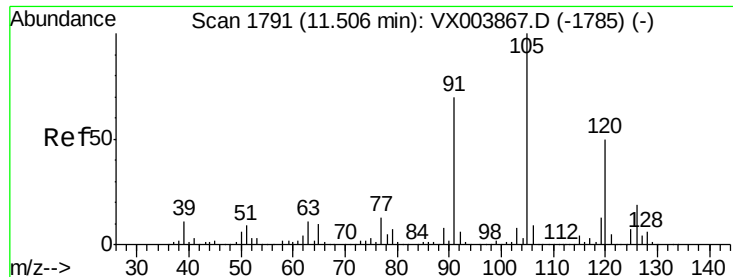
Tgt Ion: 91 Resp: 33222

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5





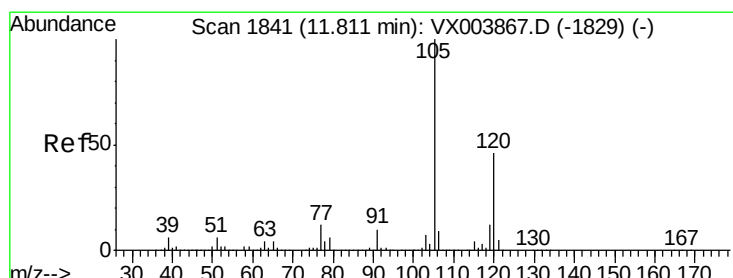
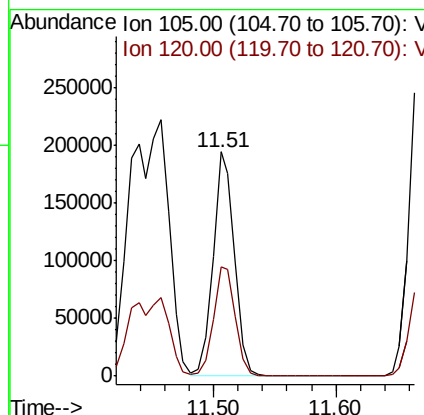
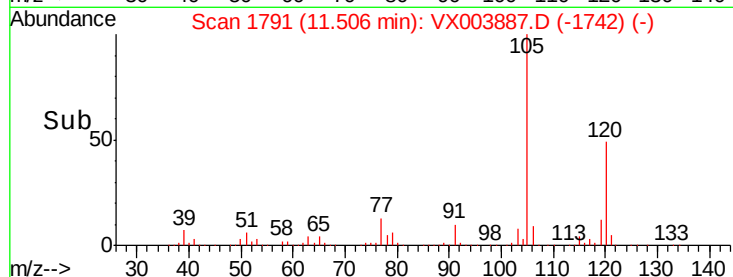
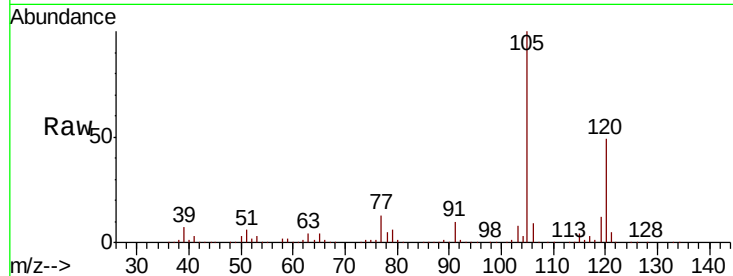
#80
 1,3,5-Trimethylbenzene
 Concen: 16.46 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003887.D
 Acq: 07 Aug 2018 18:19

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0517DL

Tot Ion:105 Resp: 236967
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.2

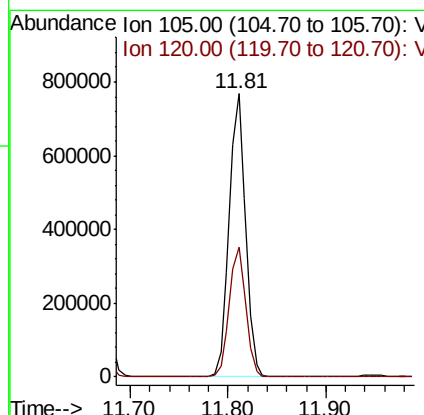
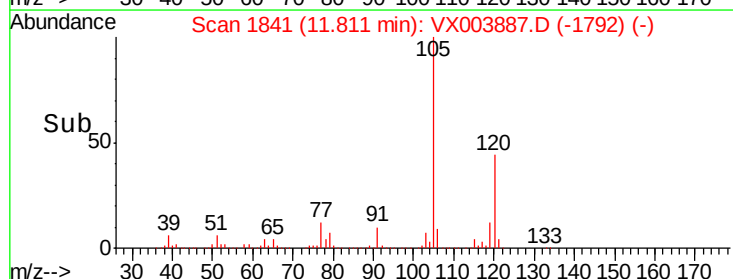
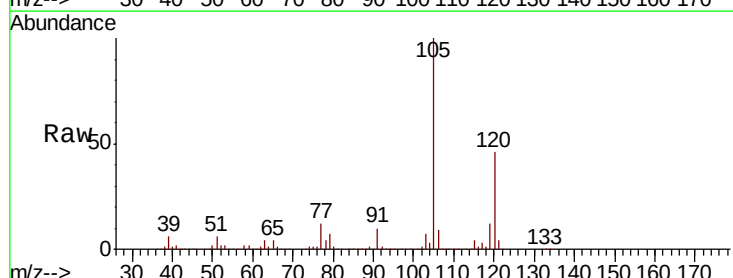
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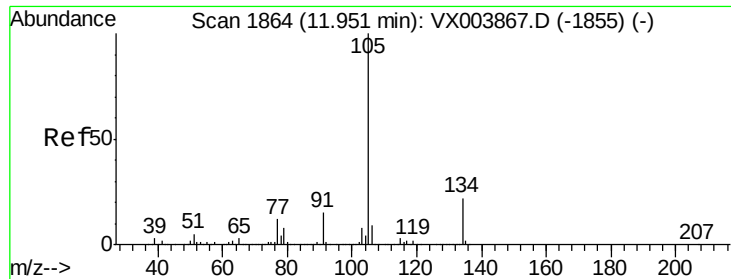
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#84
 1,2,4-Trimethylbenzene
 Concen: 61.86 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003887.D
 Acq: 07 Aug 2018 18:19

Tgt Ion:105 Resp: 895443
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





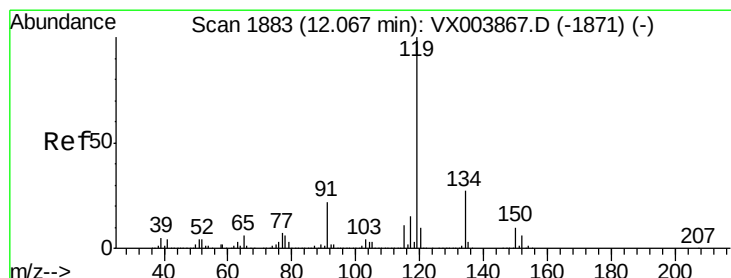
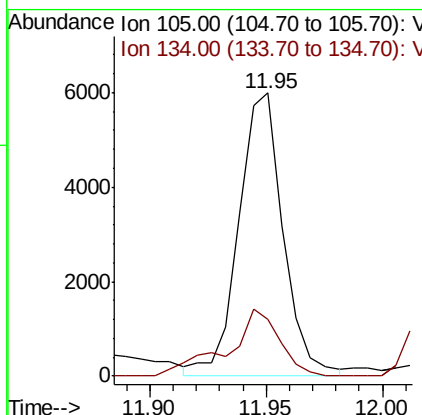
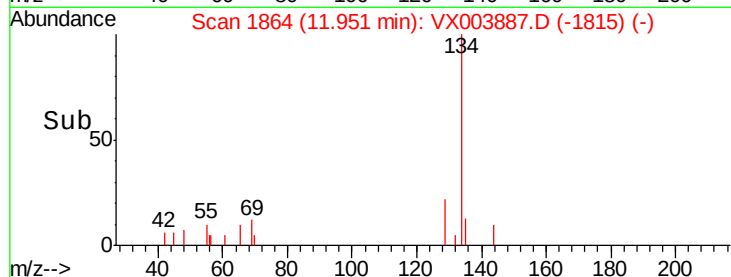
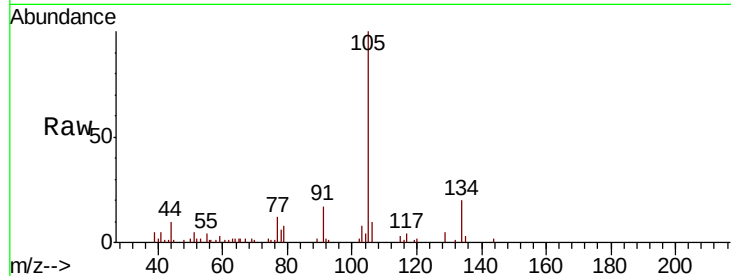
#85
 sec-Butylbenzene
 Concen: 0.48 ug/l m
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003887.D
 Acq: 07 Aug 2018 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0517DL

Tot Ion	Ratio	Lower	Upper
105	100		
134	5.7	10.3	30.9#

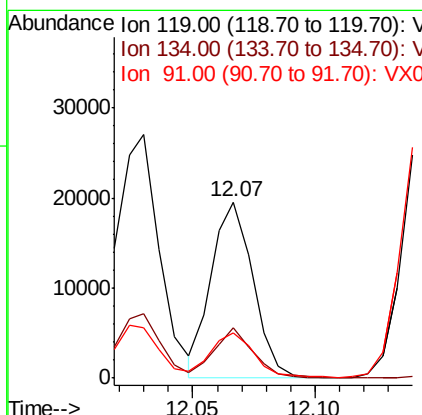
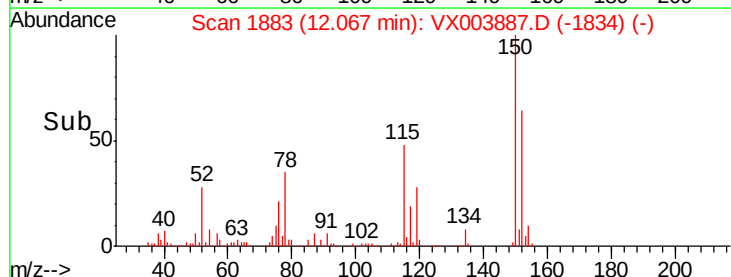
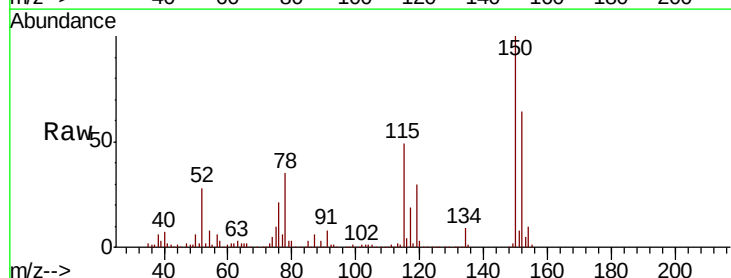
Manual Integrations
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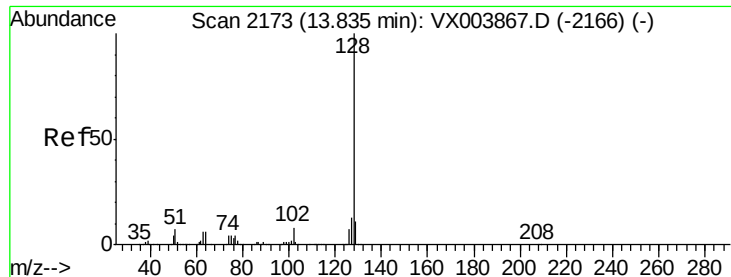
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#86
 p-Isopropyltoluene
 Concen: 1.53 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003887.D
 Acq: 07 Aug 2018 18:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.8
91	26.2	10.9	32.7





#95
Naphthalene
Concen: 8.08 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003887.D
Acq: 07 Aug 2018 18:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0517DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.4	8.8	13.2

Manual Integrations
APPROVED

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8/8/2018 12:01:44 PM

