

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003944.D
 Acq On : 09 Aug 2018 12:24
 Operator : JC/MD
 Sample : J4387-06DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0556DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:55:35 AM

Quant Time: Aug 10 12:37:29 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	340370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	513519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	470092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219696	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	5.50	113	188326	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	8.72	98	726110	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.14	95	265171	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.57	56	82291	12.65	ug/l	99
39) Methylcyclohexane	7.46	83	69228	10.21	ug/l	99
52) Toluene	8.79	92	27057	2.48	ug/l	97
67) Ethyl Benzene	10.25	91	444735	22.21	ug/l	98
68) m/p-Xylenes	10.36	106	581658	74.34	ug/l	96
69) o-Xylene	10.70	106	283126	38.33	ug/l	95
73) Isopropylbenzene	11.02	105	45081	2.23	ug/l	96
78) n-propylbenzene	11.36	91	64260	2.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	94730	5.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	258164	15.60	ug/l	99
95) Naphthalene	13.83	128	87969	4.33	ug/l	99

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

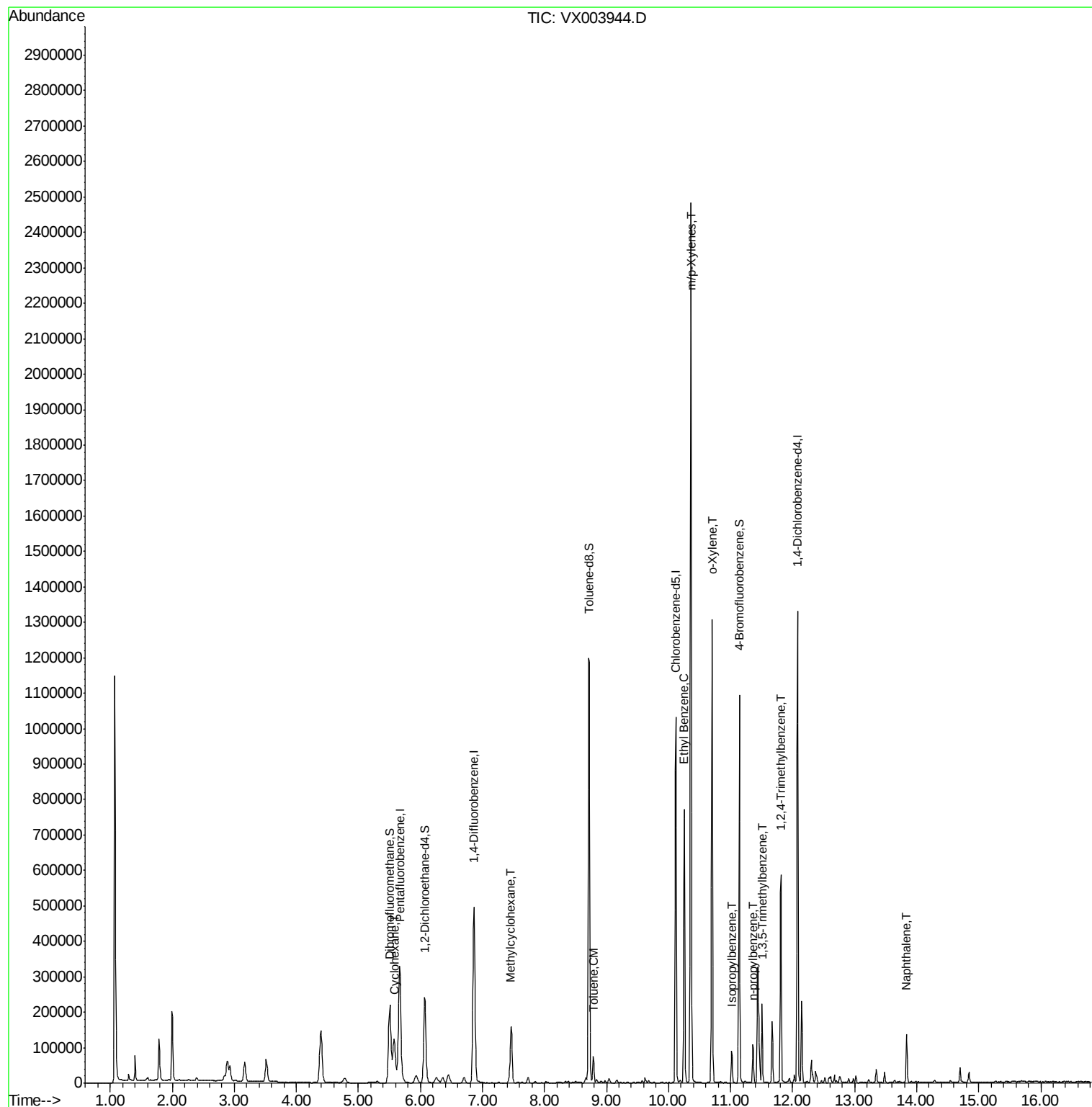
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080918\
Data File : VX003944.D
Acq On : 09 Aug 2018 12:24
Operator : JC/MD
Sample : J4387-06DL 40X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

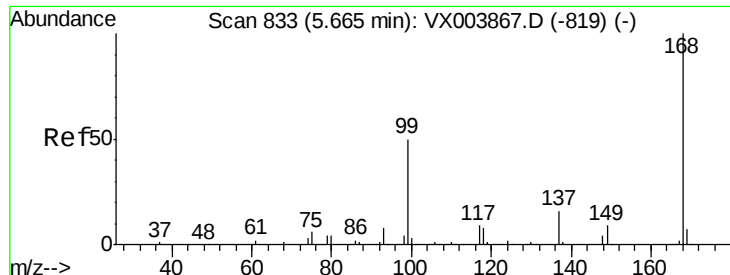
Instrument :
MSVOA_X
ClientSampleId :
FL-0556DL

Manual Integrations
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8/10/2018 10:55:35 AM

Quant Time: Aug 10 12:37:29 2018
Quant Method : Z:\V0ASRV\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: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003944.D

Acq: 09 Aug 2018 12:24

Instrument :

MSVOA_X

ClientSampled :

FL-0556DL

Tot Ion:168 Resp: 340370

Ion Ratio Lower Upper

168 100

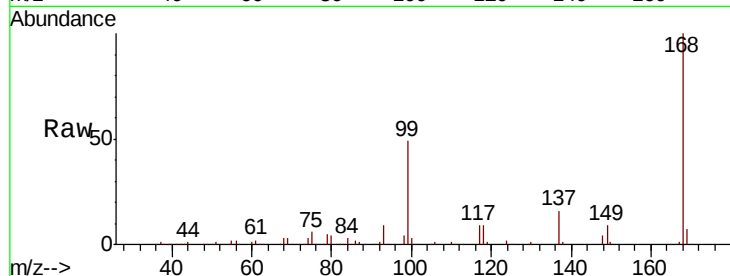
99 49.0 40.1 60.1

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

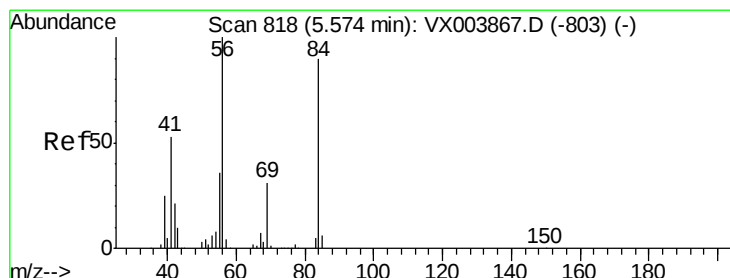
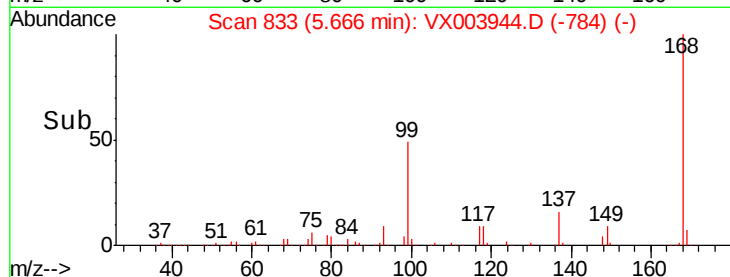
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 12.65 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003944.D

Acq: 09 Aug 2018 12:24

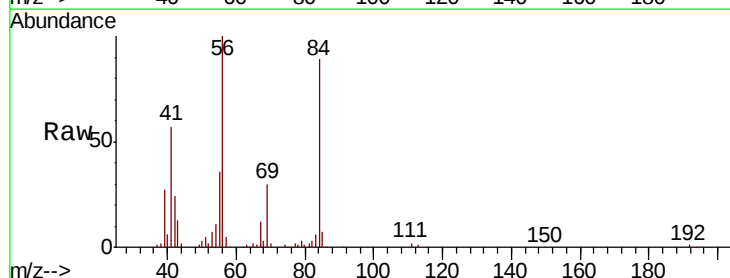
Tgt Ion: 56 Resp: 82291

Ion Ratio Lower Upper

56 100

69 30.5 24.9 37.3

84 89.2 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

5.57

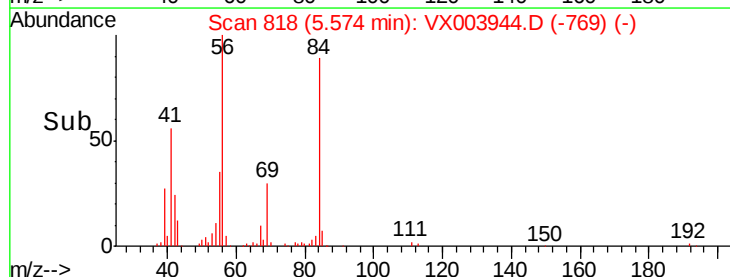
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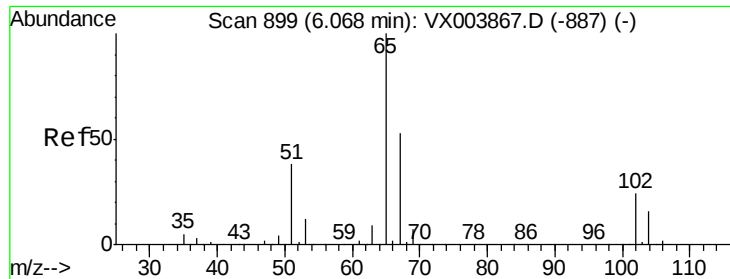
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10000

0

Time--> 5.50 5.60





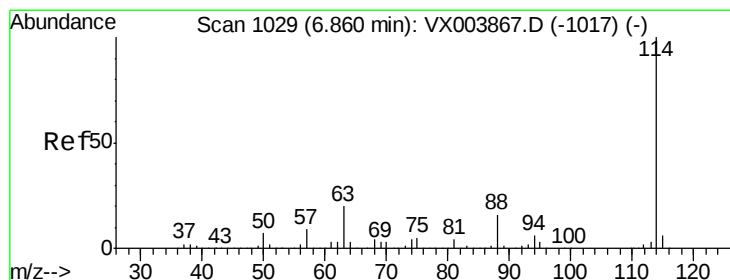
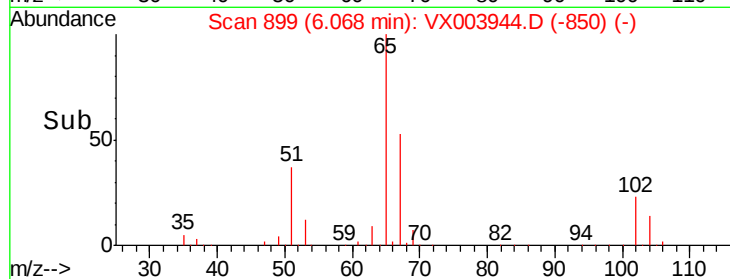
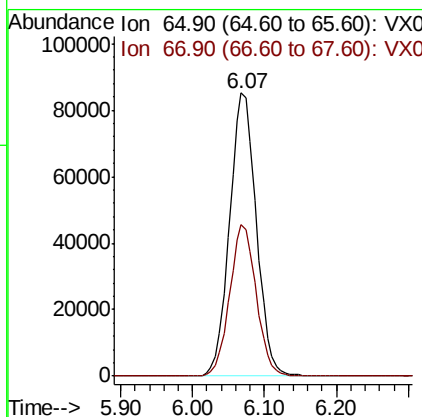
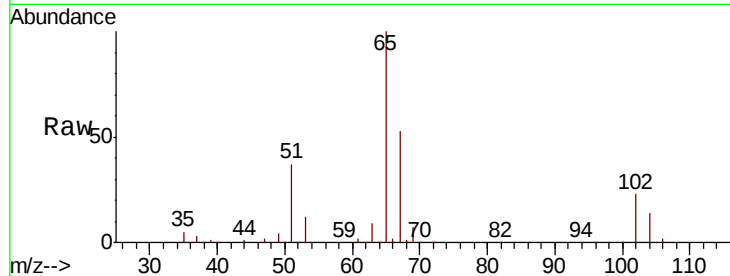
#33
 1,2-Dichloroethane-d4
 Concen: 48.69 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003944.D
 Acq: 09 Aug 2018 12:24

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0556DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219696		
67	53.0	0.0	105.8	

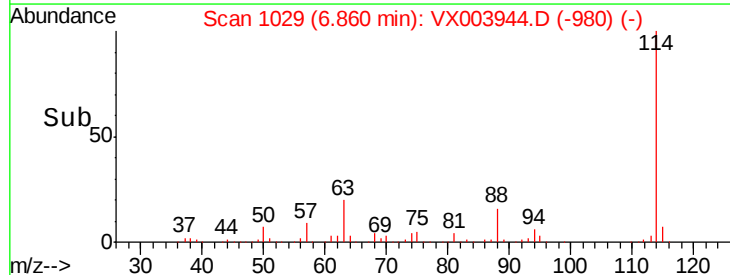
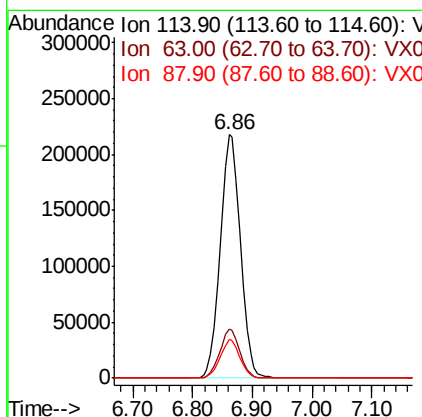
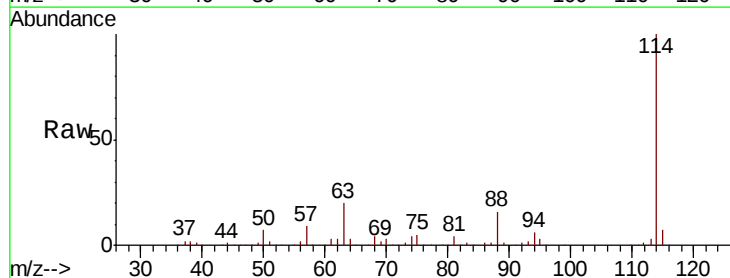
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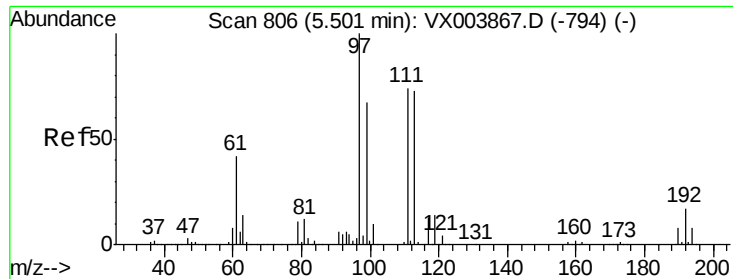
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003944.D
 Acq: 09 Aug 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	513519		
63	20.3	0.0	39.0	
88	16.1	0.0	32.0	





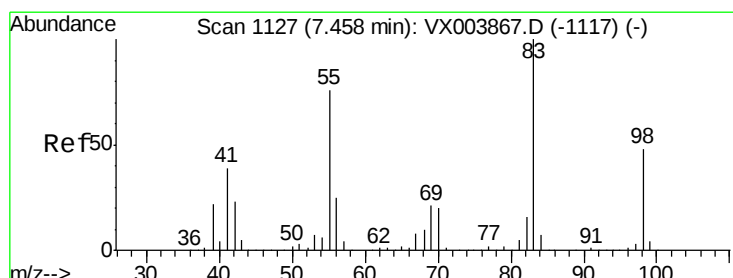
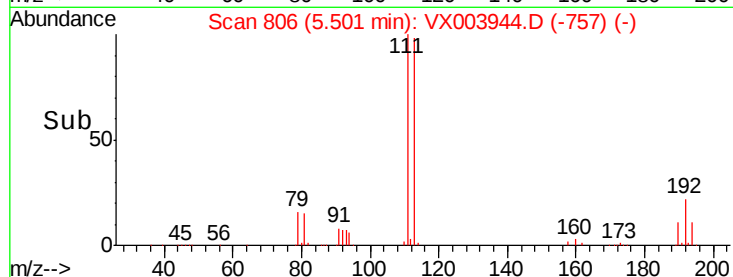
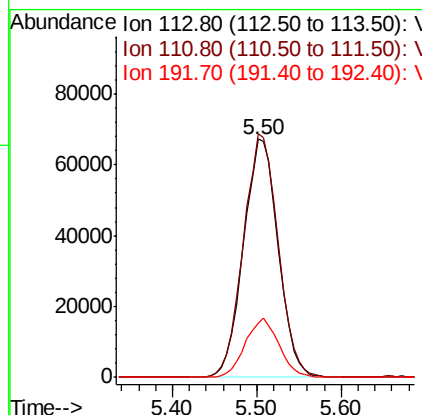
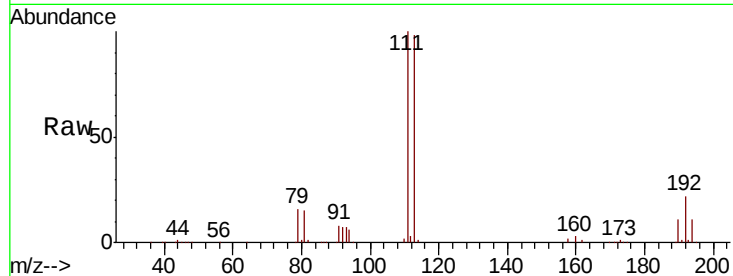
#35
Dibromofluoromethane
Concen: 48.41 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Instrument :
MSVOA_X
ClientSampleId :
FL-0556DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	188326		
111	102.2	82.0	123.0	
192	24.1	19.0	28.4	

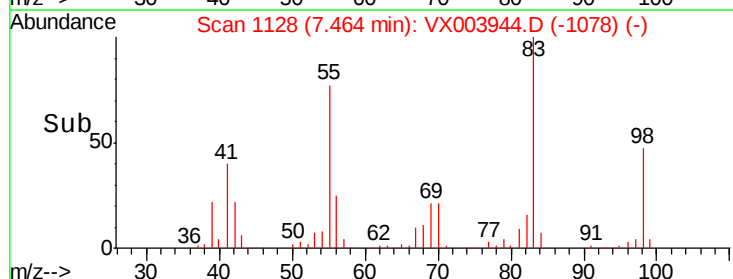
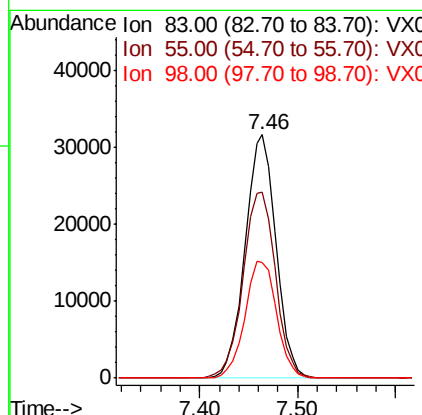
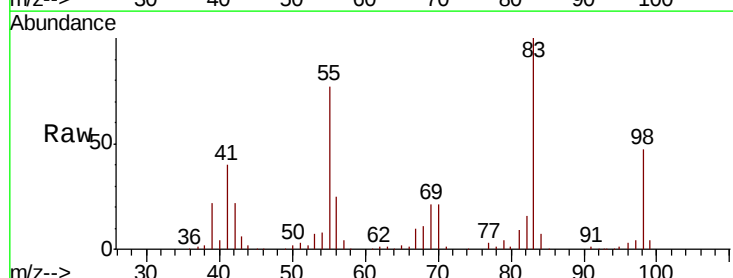
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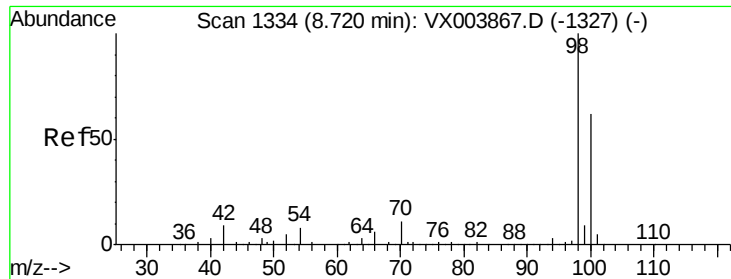
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#39
Methylcyclohexane
Concen: 10.21 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	69228		
55	76.5	61.0	91.6	
98	47.3	38.6	57.8	





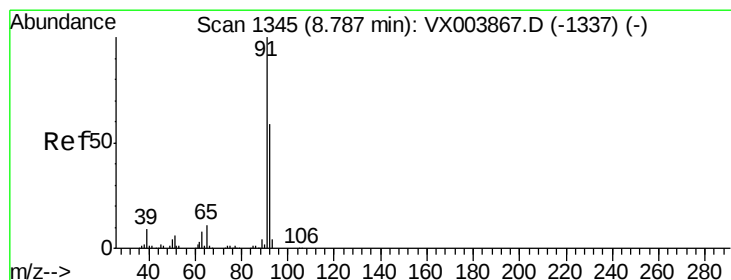
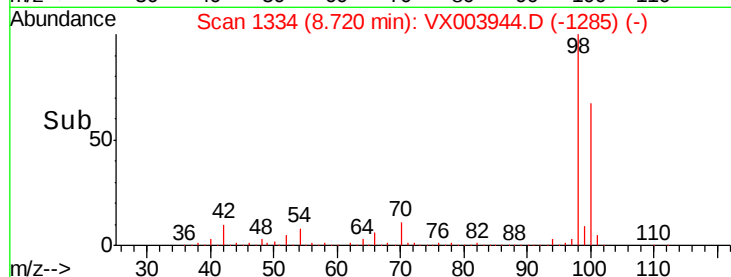
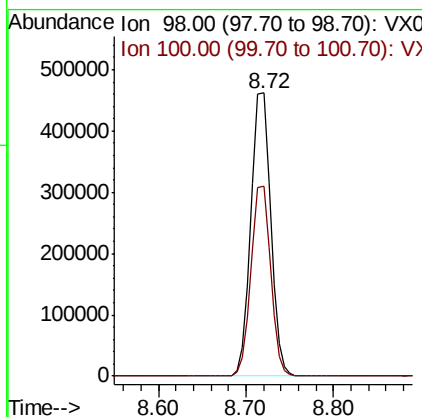
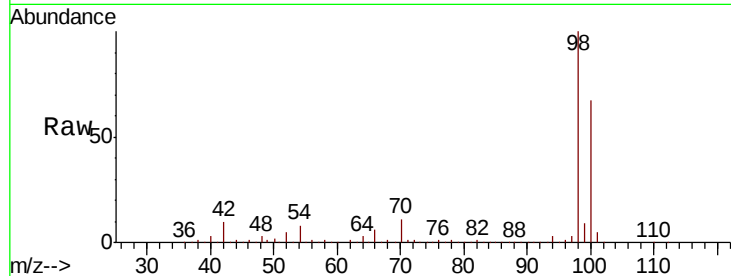
#50
Toluene-d8
Concen: 48.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Instrument :
MSVOA_X
ClientSampled :
FL-0556DL

Tot Ion: 98 Resp: 726110
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9

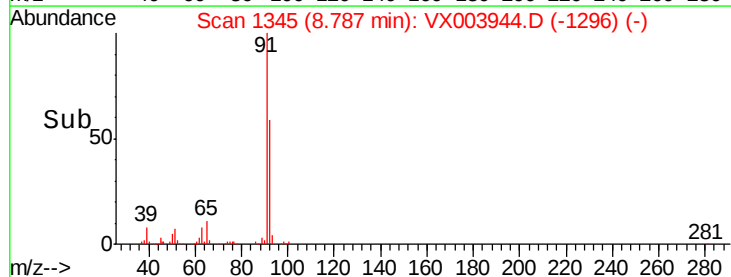
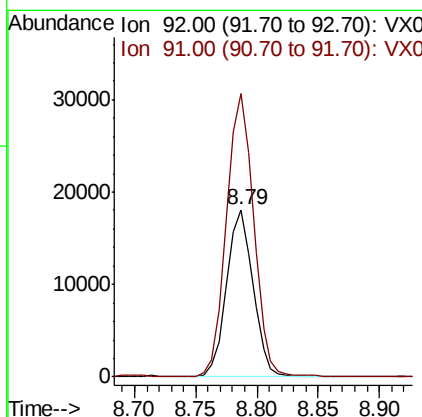
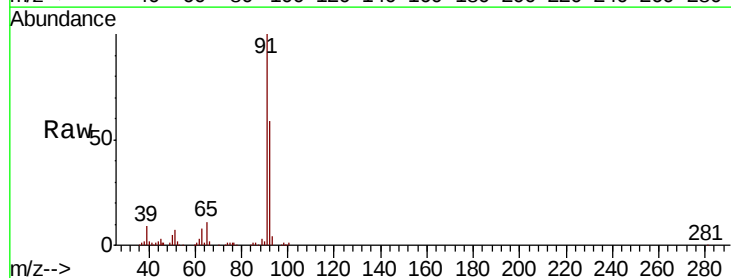
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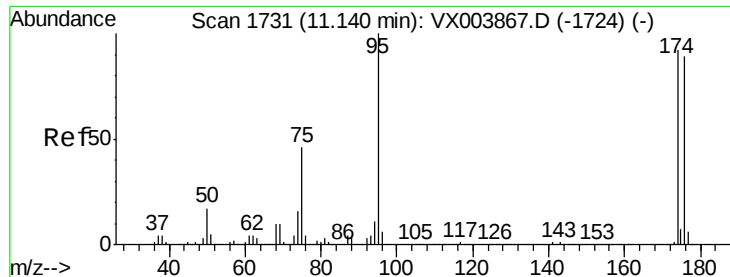
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#52
Toluene
Concen: 2.48 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Tgt Ion: 92 Resp: 27057
Ion Ratio Lower Upper
92 100
91 174.9 136.1 204.1





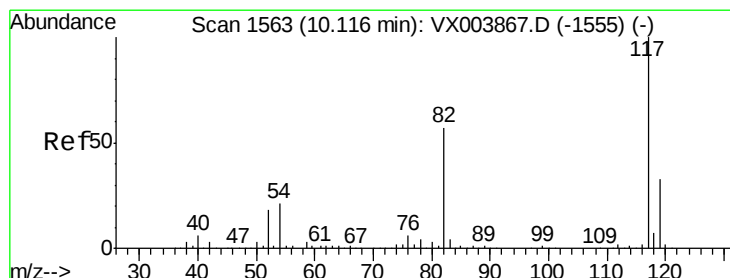
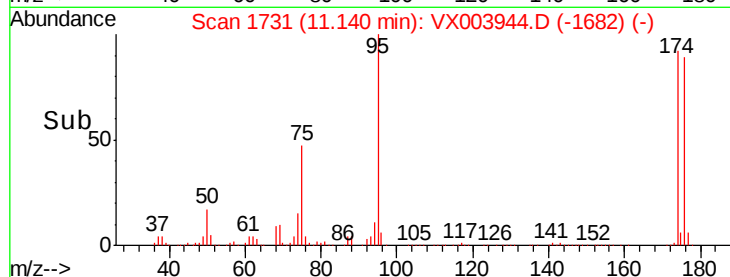
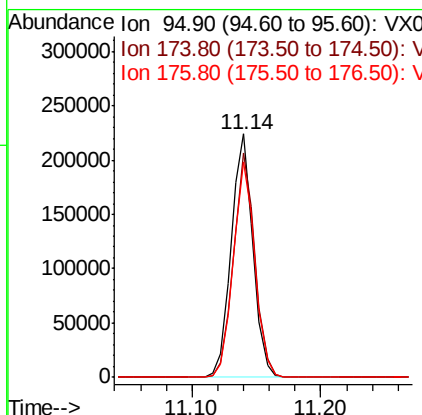
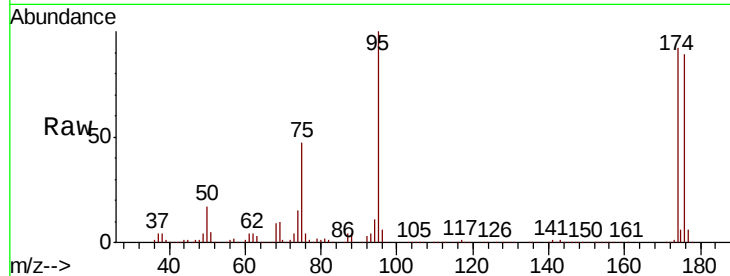
#62
4-Bromofluorobenzene
Concen: 54.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Instrument :
MSVOA_X
ClientSampleId :
FL-0556DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	265171		
174	91.1	0.0	182.8	
176	88.1	0.0	179.0	

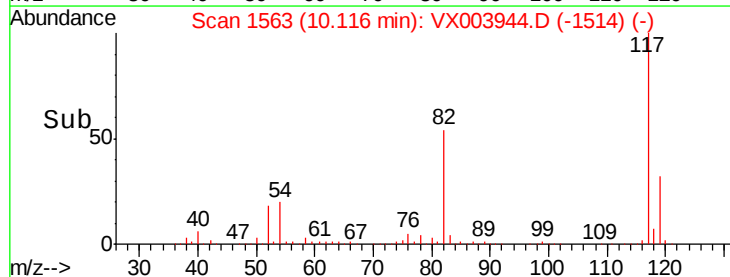
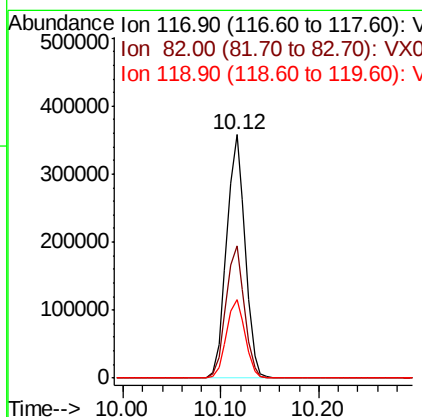
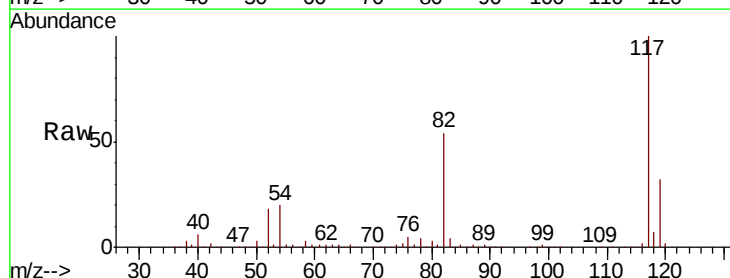
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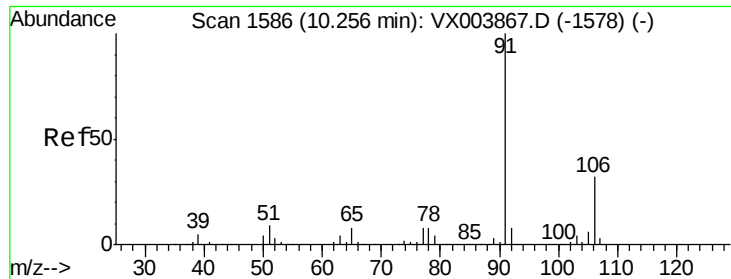
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	470092		
82	54.2	45.4	68.0	
119	32.3	26.6	40.0	





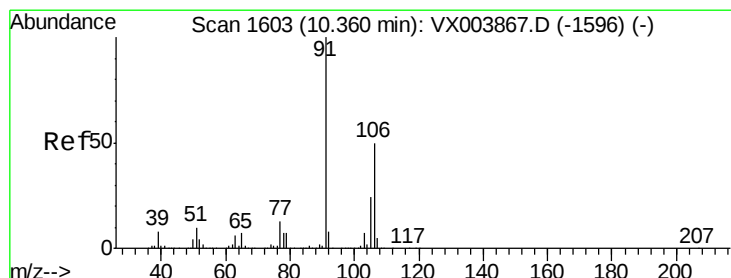
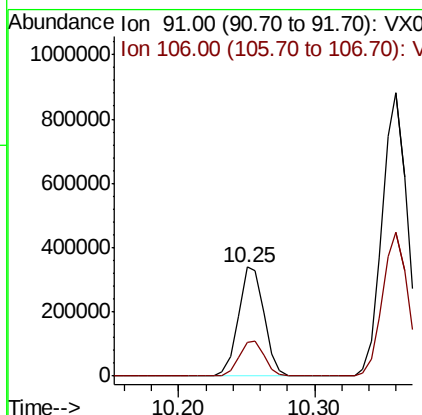
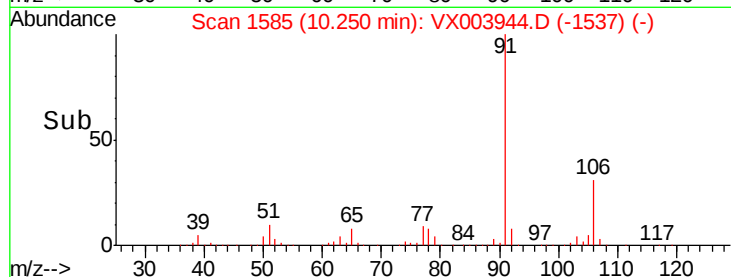
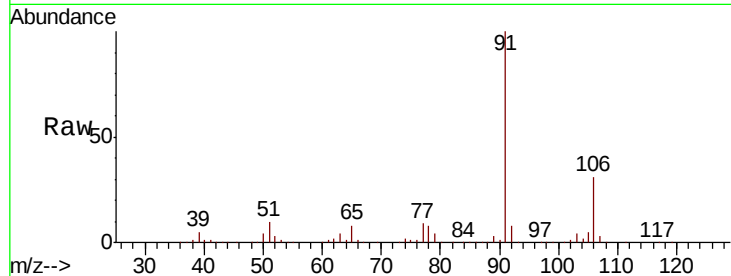
#67
Ethyl Benzene
Concen: 22.21 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Instrument :
MSVOA_X
ClientSampled :
FL-0556DL

Tot Ion: 91 Resp: 444735
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9

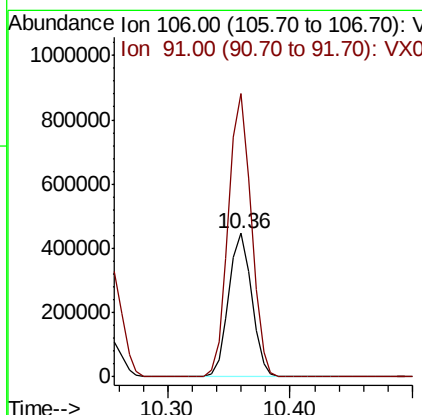
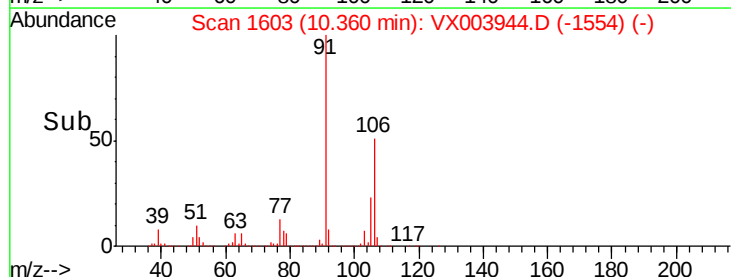
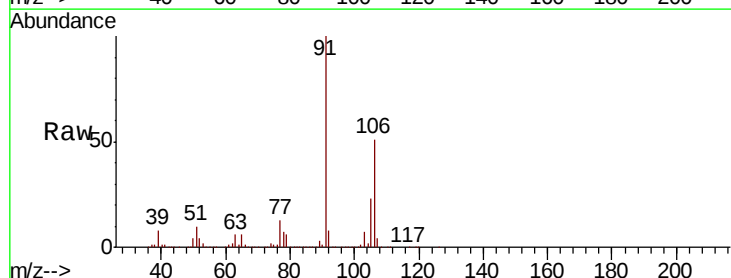
Manual Integrations
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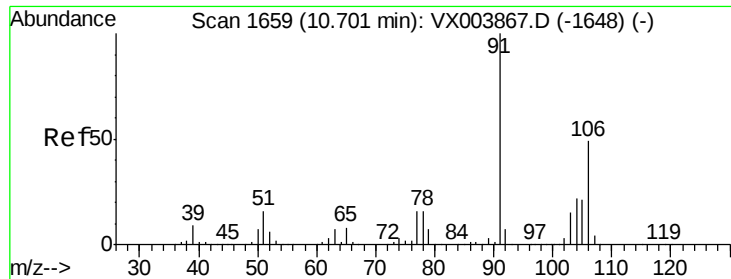
MMDadoda
8/10/2018 10:55:35 AM



#68
m/p-Xylenes
Concen: 74.34 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Tgt Ion: 106 Resp: 581658
Ion Ratio Lower Upper
106 100
91 196.0 162.3 243.5





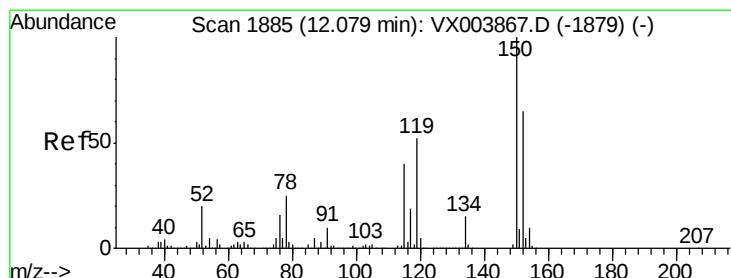
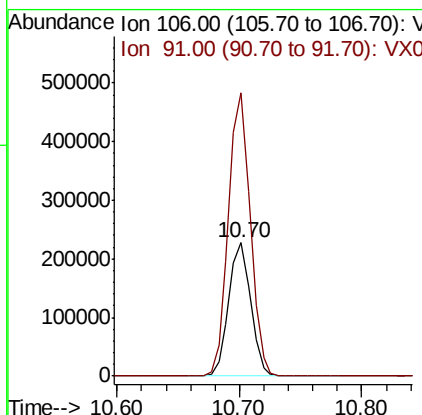
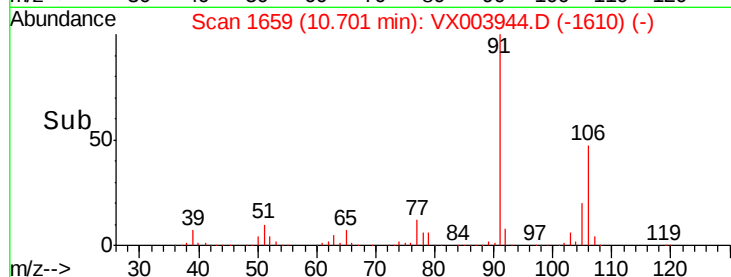
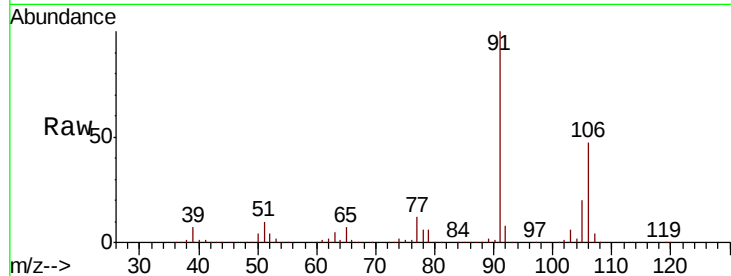
#69
o-Xylene
Concen: 38.33 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Instrument :
MSVOA_X
Client Sampled :
FL-0556DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	101.9	305.7

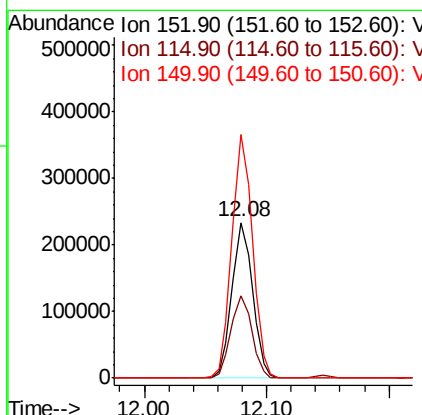
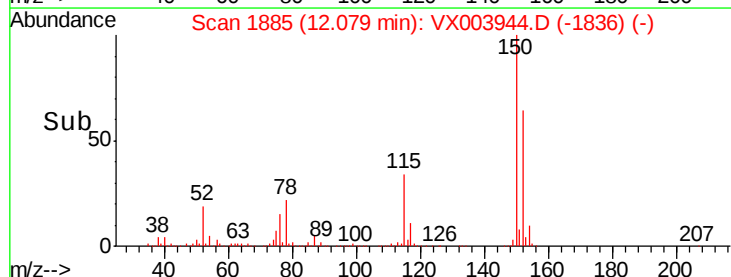
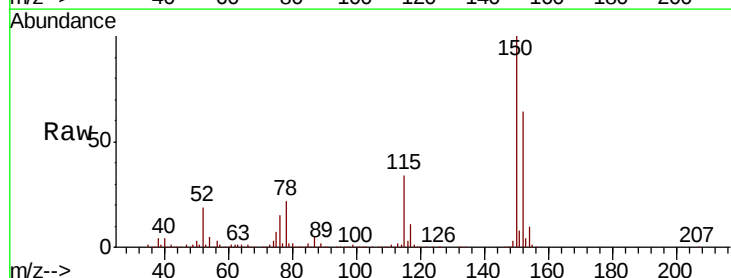
Manual Integrations
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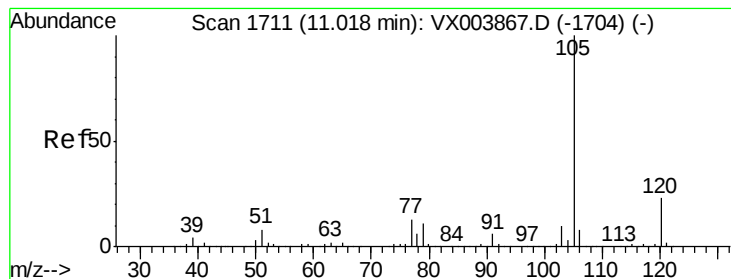
MMDadoda
8/10/2018 10:55:35 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	39.1	117.3
150	156.3	0.0	349.2





#73

Isopropylbenzene

Concen: 2.23 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003944.D

Acq: 09 Aug 2018 12:24

Instrument :

MSVOA_X

ClientSampled :

FL-0556DL

Tot Ion: 105 Resp: 45081

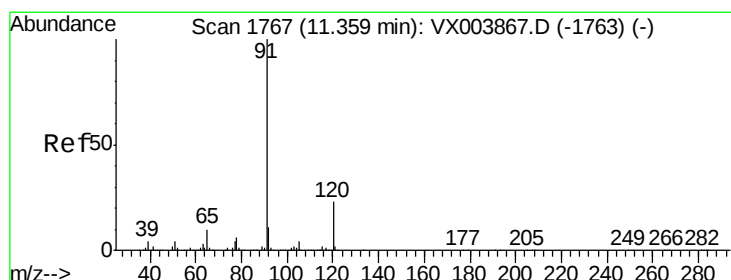
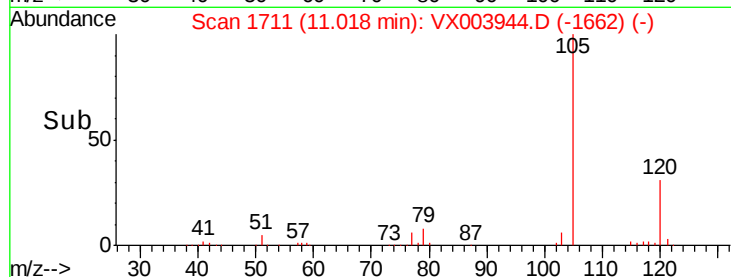
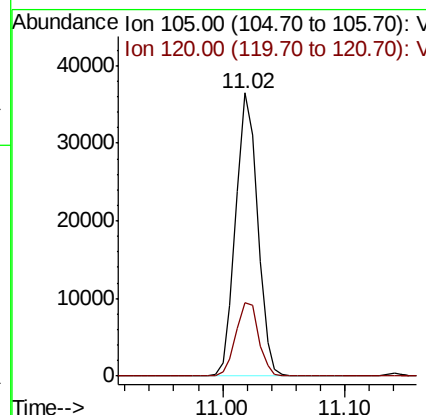
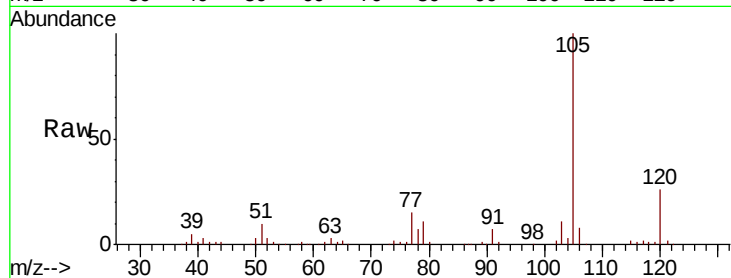
Ion Ratio Lower Upper

105 100

120 27.1 12.6 37.8

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#78

n-propylbenzene

Concen: 2.83 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003944.D

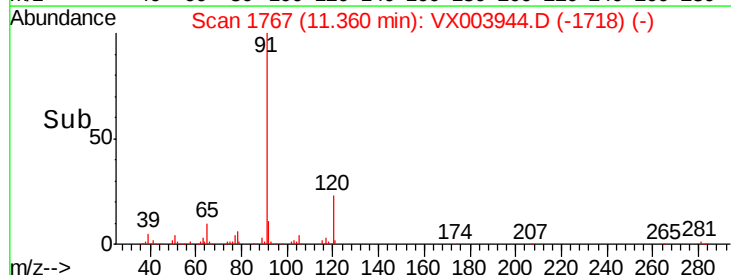
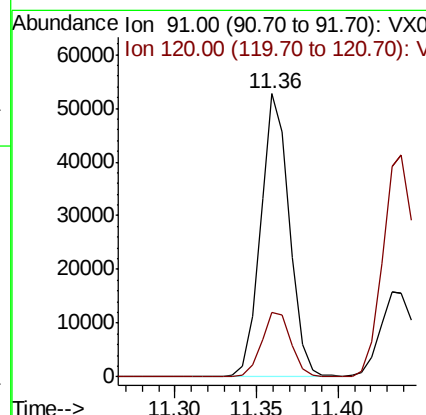
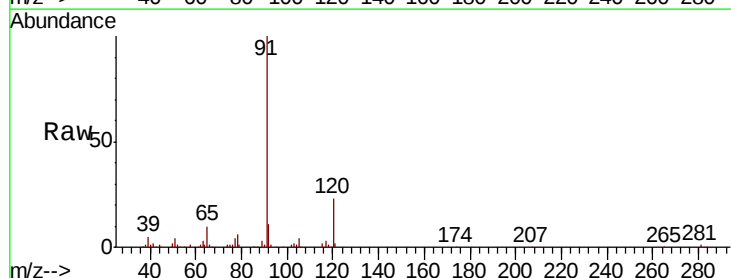
Acq: 09 Aug 2018 12:24

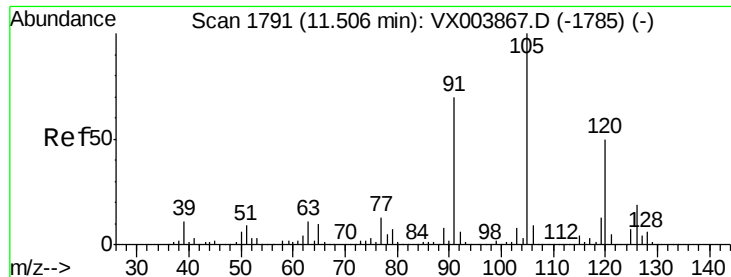
Tgt Ion: 91 Resp: 64260

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5





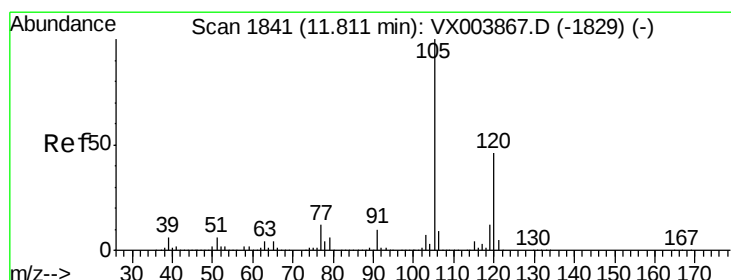
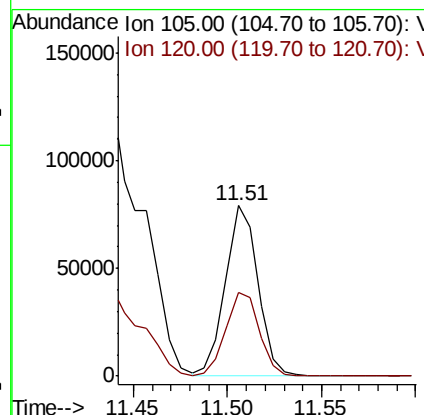
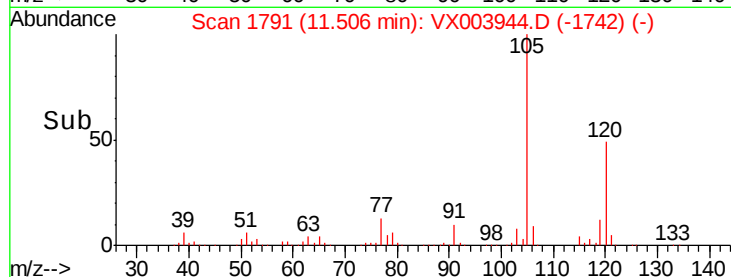
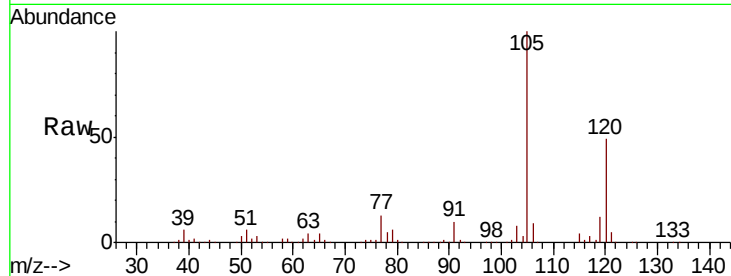
#80
 1,3,5-Trimethylbenzene
 Concen: 5.75 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003944.D
 Acq: 09 Aug 2018 12:24

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0556DL

Tot Ion:105 Resp: 94730
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.4 76.2

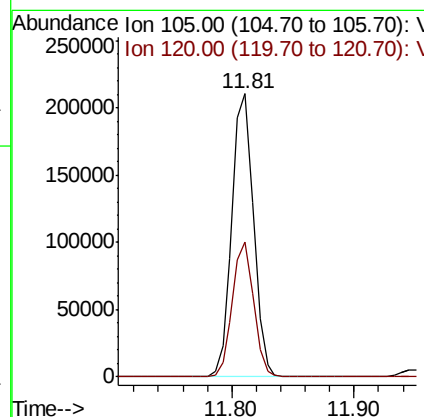
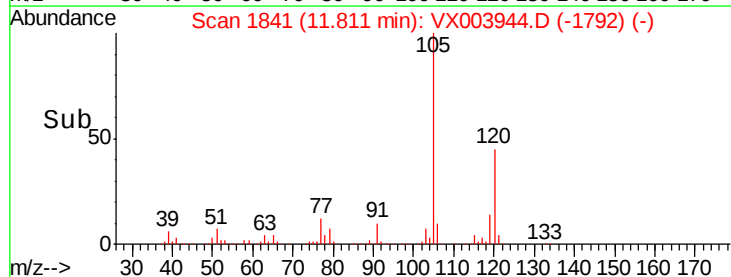
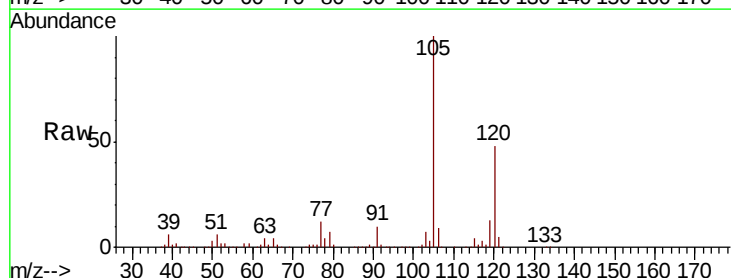
Manual Integrations
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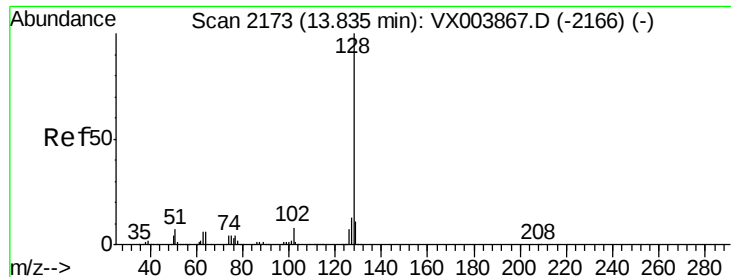
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#84
 1,2,4-Trimethylbenzene
 Concen: 15.60 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003944.D
 Acq: 09 Aug 2018 12:24

Tgt Ion:105 Resp: 258164
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#95
Naphthalene
Concen: 4.33 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003944.D
Acq: 09 Aug 2018 12:24

Instrument :
MSVOA_X
ClientSampleId :
FL-0556DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2018 10:55:35 AM

