

Data File : VX004218.D
Acq On : 23 Aug 2018 11:28
Operator : JC/MD
Sample : J4579-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0542

Manual Integrations
APPROVED

MMDadoda
8/24/2018 11:35:05 AM

Quant Time: Aug 25 01:24:43 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	5.66	168	333083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	208764	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
35) Dibromofluoromethane	5.50	113	182009	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	730596	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.14	95	268752	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	3027706	497.438	ug/l	99
39) Methylcyclohexane	7.46	83	2515892	386.262	ug/l	99
52) Toluene	8.79	92	453197	42.471	ug/l	100
67) Ethyl Benzene	10.26	91	3727967	202.474	ug/l	98
68) m/p-Xylenes	10.36	106	5616604	780.139	ug/l	85
69) o-Xylene	10.70	106	1640941	240.956	ug/l	97
73) Isopropylbenzene	11.02	105	904034	47.506	ug/l	100
78) n-propylbenzene	11.36	91	1769618	80.853	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3795699	240.856	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	8474725	523.887	ug/l	92
85) sec-Butylbenzene	11.94	105	132804m	7.055	ug/l	
86) p-Isopropyltoluene	12.07	119	137627	8.158	ug/l	100
95) Naphthalene	13.83	128	1516957m	80.249	ug/l	

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

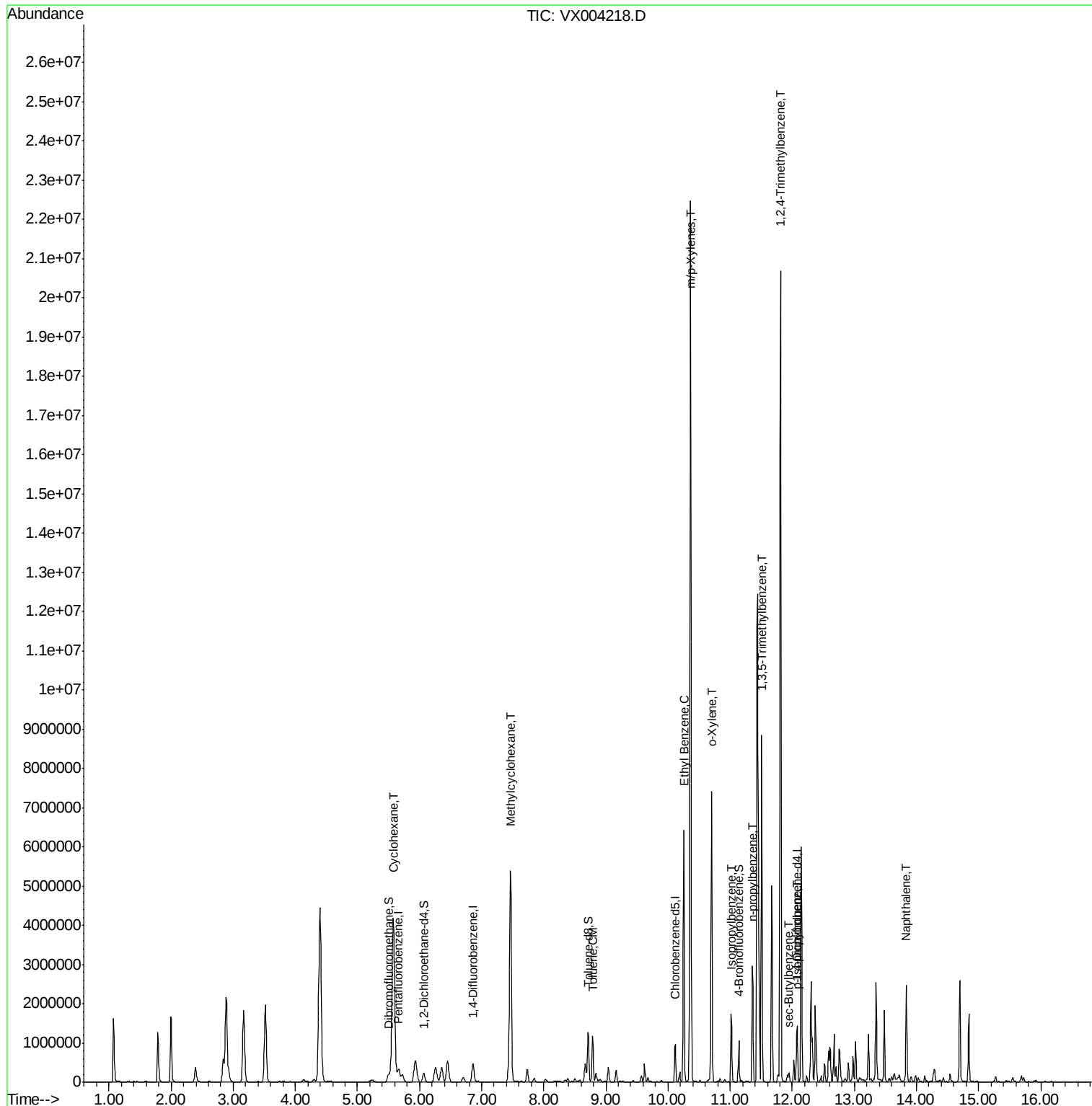
Data File : VX004218.D
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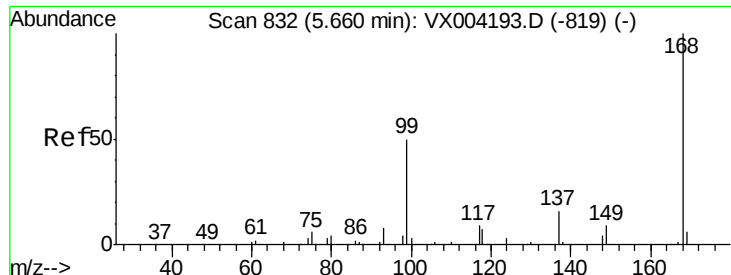
Instrument :
MSVOA_X
ClientSampleId :
FL-0542

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Quant Time: Aug 25 01:24:43 2018
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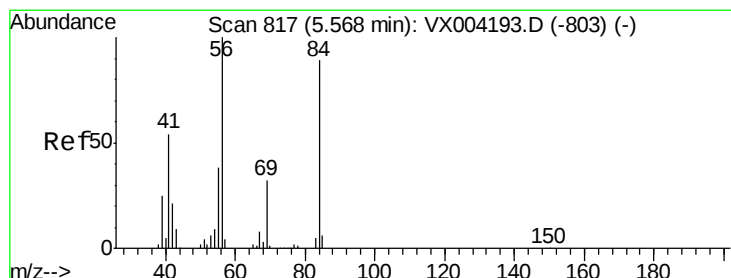
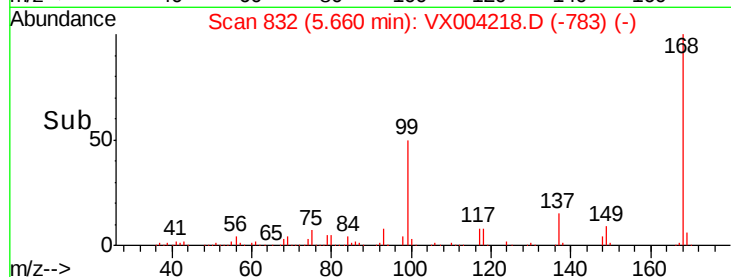
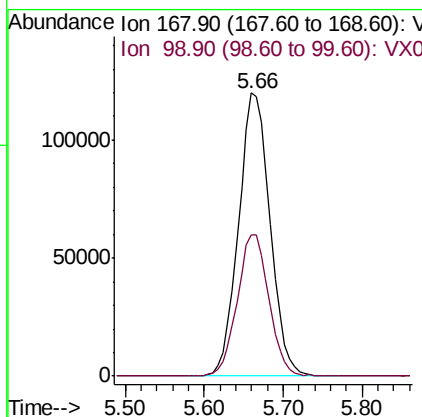
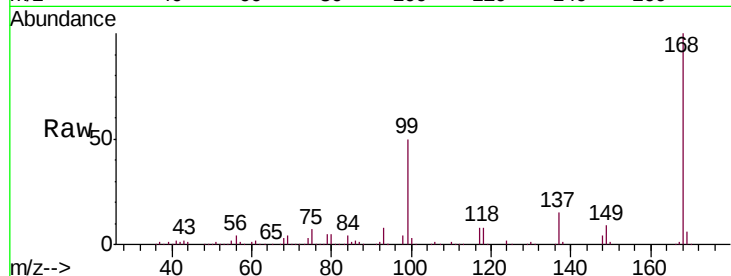
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Instrument :
MSVOA_X
ClientSampled :
FL-0542

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	333083		
99	50.0	39.9	59.9	

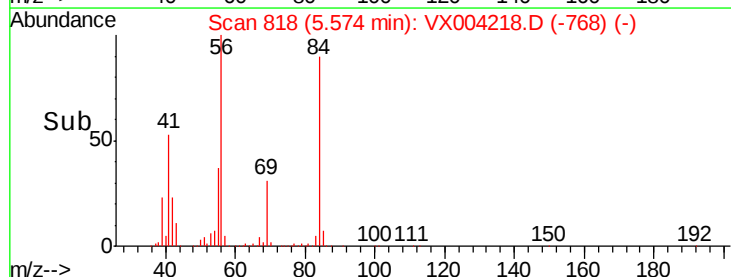
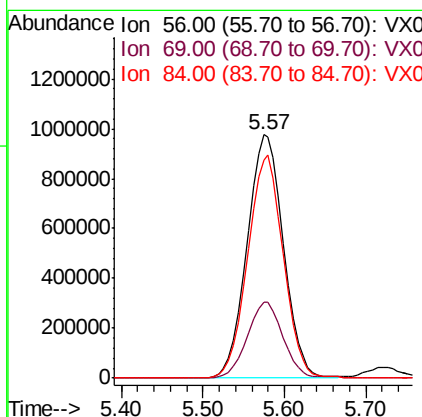
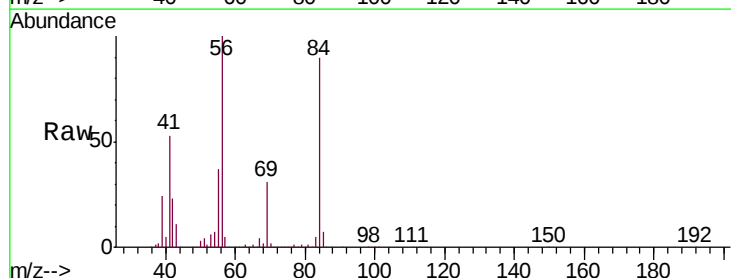
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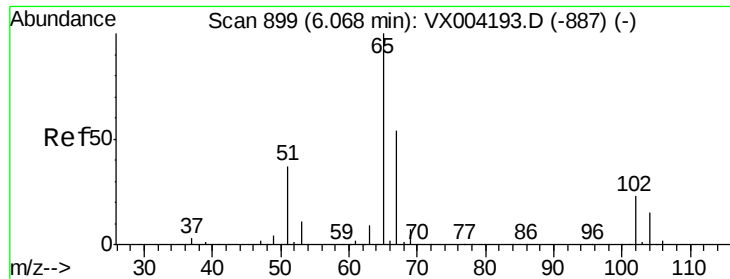
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#31
Cyclohexane
Concen: 497.438 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	3027706		
69	31.0	25.4	38.2	
84	89.8	71.4	107.2	





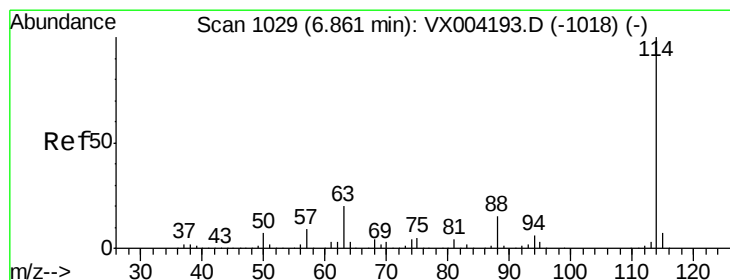
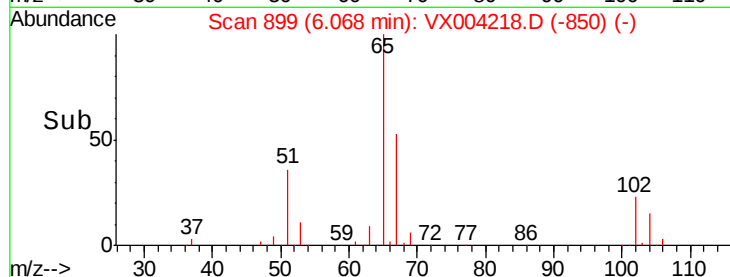
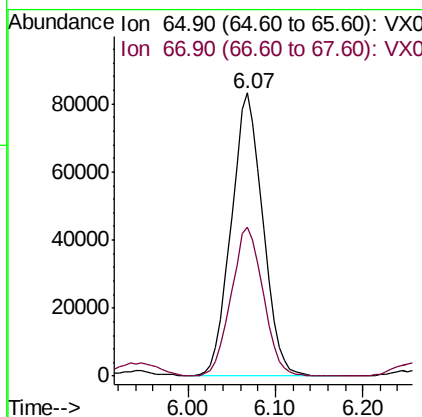
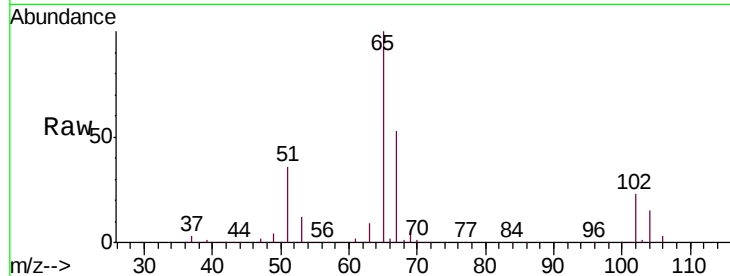
#33
 1,2-Dichloroethane-d4
 Concen: 48.088 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0542

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	208764		
67	53.2	0.0	106.8	

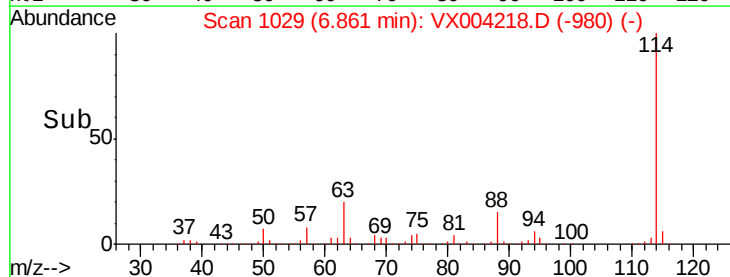
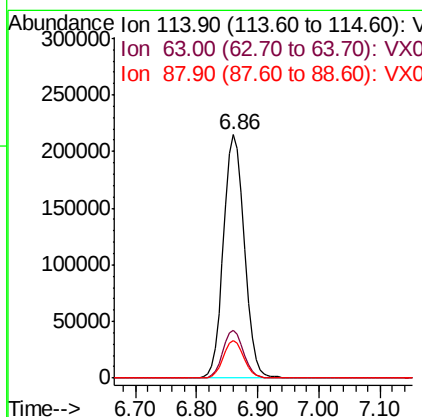
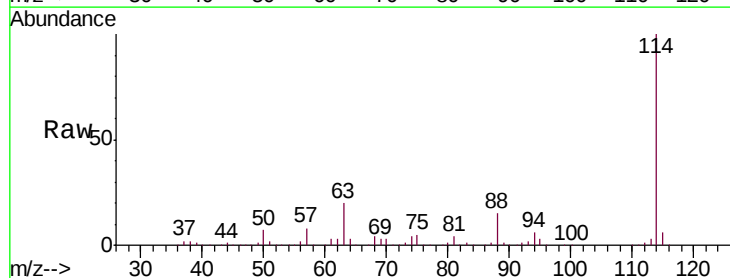
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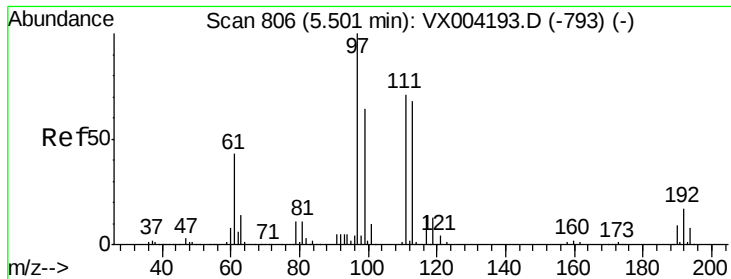
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	507452		
63	19.6	0.0	39.0	
88	15.3	0.0	30.4	





#35

Dibromofluoromethane

Concen: 48.213 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

Instrument :

MSVOA_X

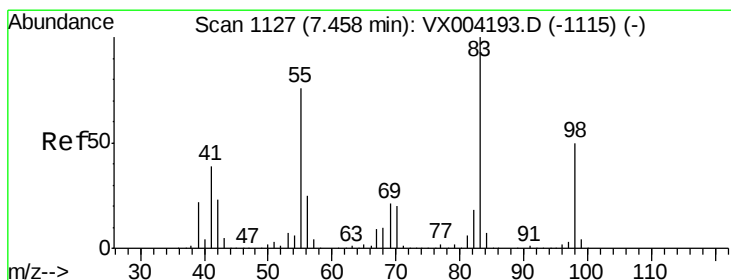
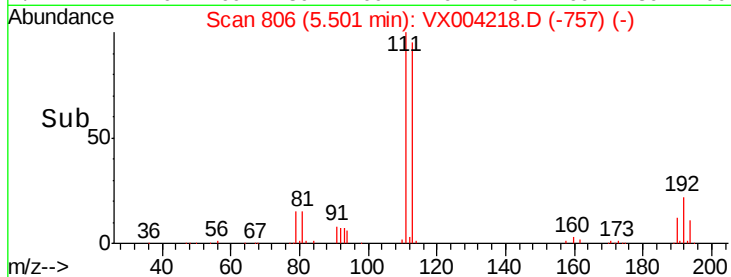
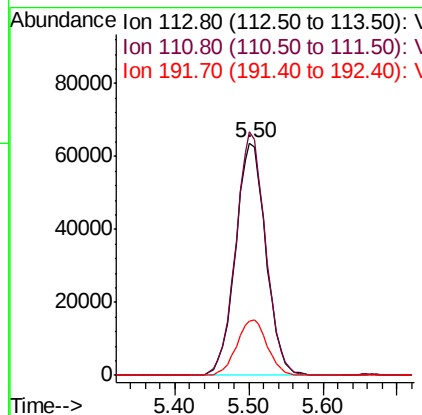
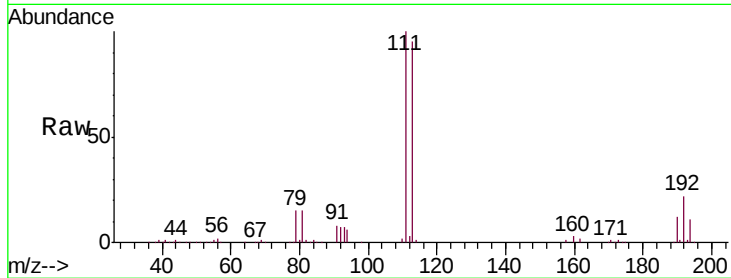
ClientSampleId :

FL-0542

Tgt Ion:	113	Resp:	182009
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.4	123.6
192	24.0	19.4	29.2

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#39

Methylcyclohexane

Concen: 386.262 ug/l

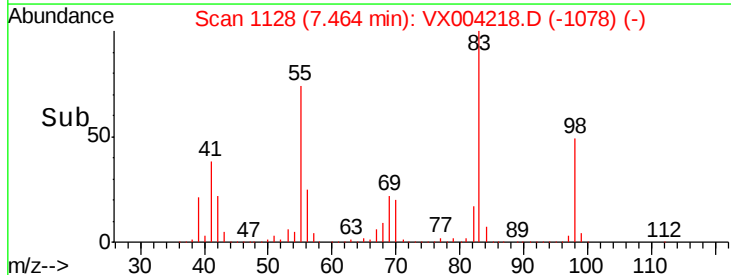
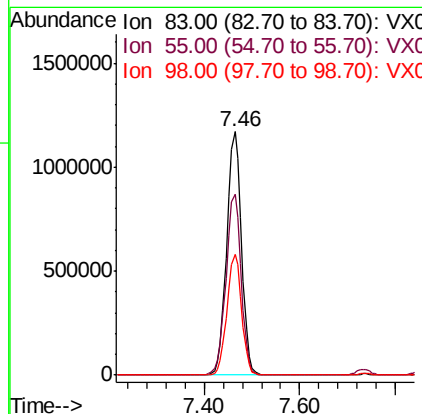
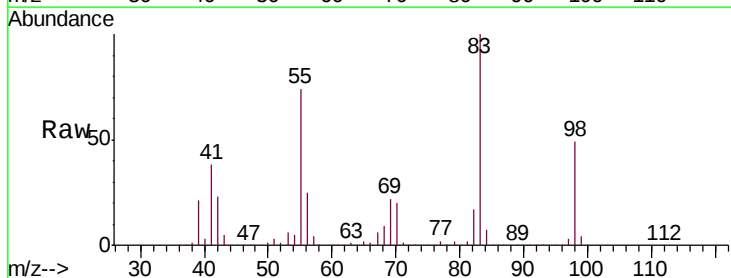
RT: 7.46 min Scan# 1128

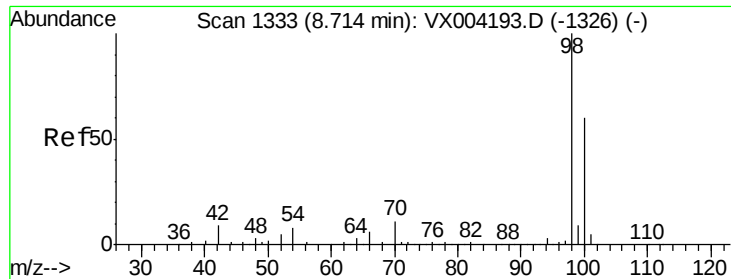
Delta R.T. 0.01 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

Tgt Ion:	83	Resp:	2515892
Ion Ratio	Lower	Upper	
83	100		
55	74.3	61.0	91.4
98	49.5	39.6	59.4





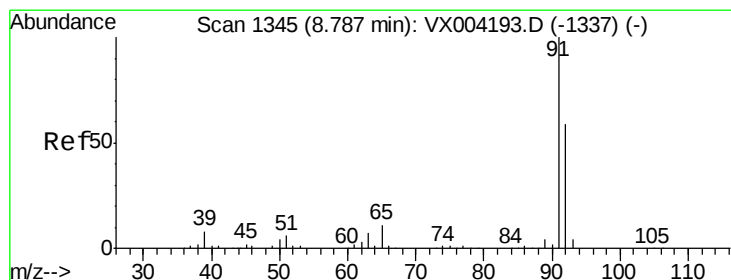
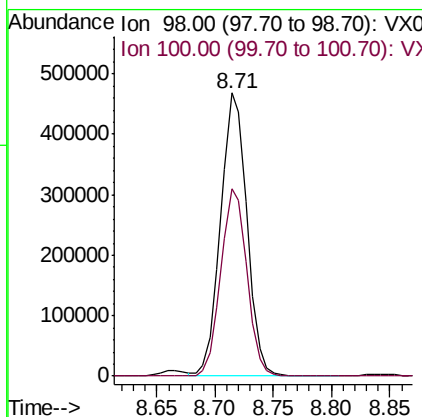
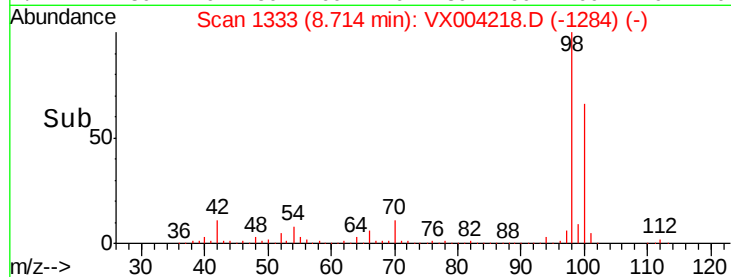
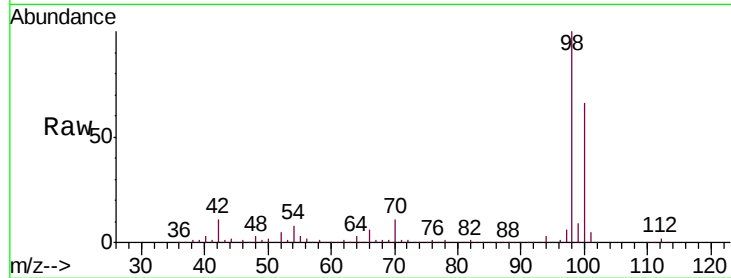
#50
Toluene-d8
Concen: 51.271 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Instrument :
MSVOA_X
ClientSampled :
FL-0542

Tgt Ion: 98 Resp: 730596
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

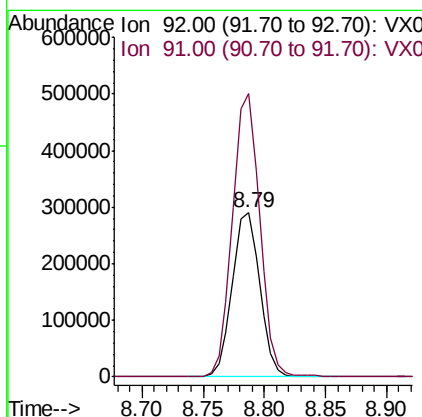
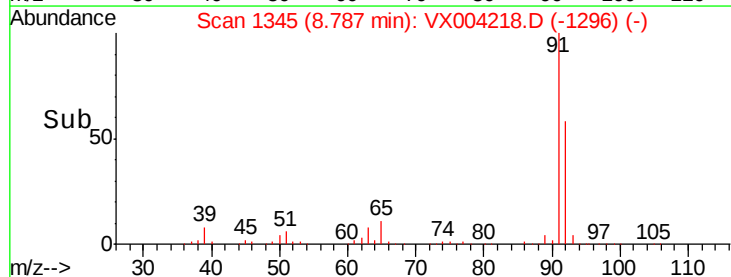
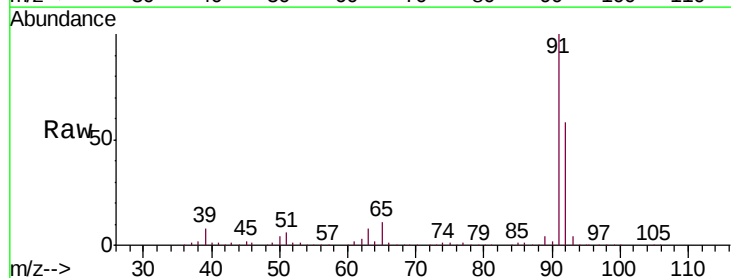
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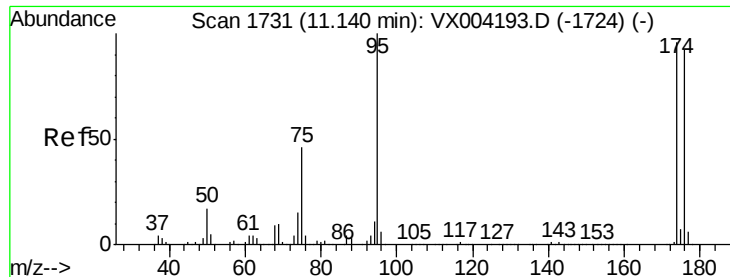
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#52
Toluene
Concen: 42.471 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Tgt Ion: 92 Resp: 453197
Ion Ratio Lower Upper
92 100
91 170.9 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 50.547 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

FL-0542

Tgt Ion: 95 Resp: 268752
Ion Ratio Lower Upper

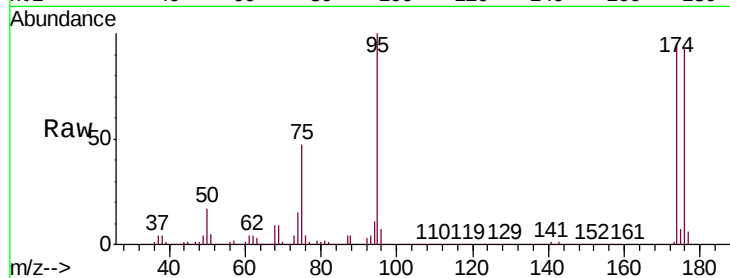
95 100

174 90.7 0.0 185.2

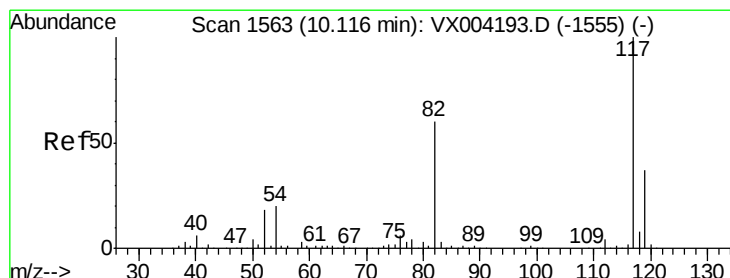
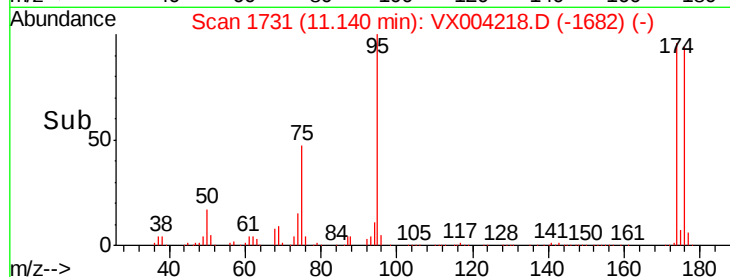
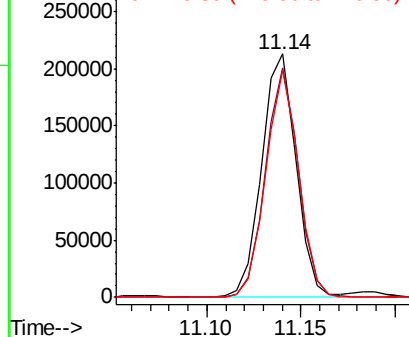
176 89.3 0.0 178.6

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Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004218.D

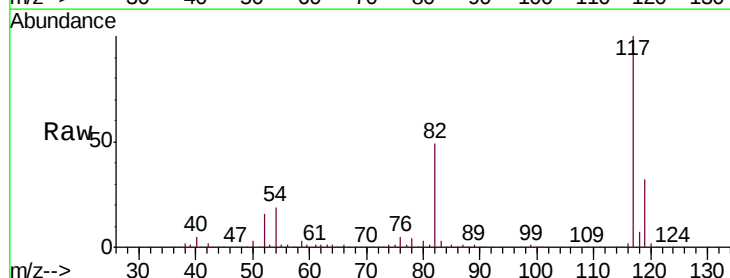
Acq: 23 Aug 2018 11:28

Tgt Ion: 117 Resp: 451731
Ion Ratio Lower Upper

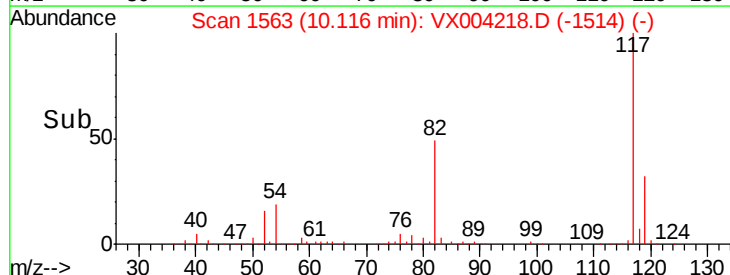
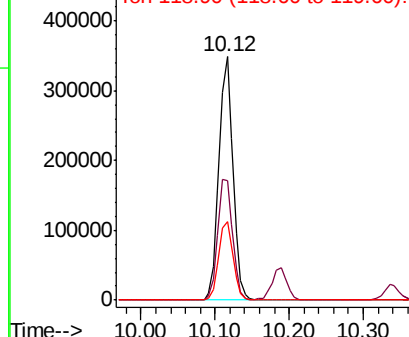
117 100

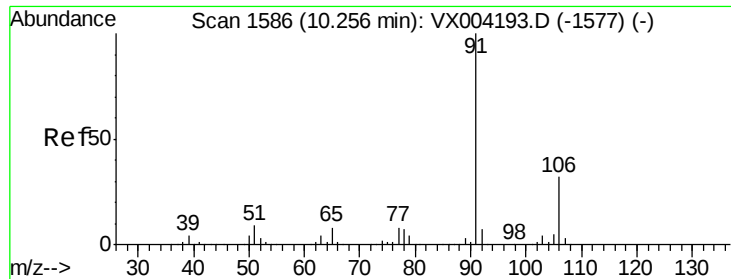
82 49.2 47.8 71.6

119 32.3 29.3 43.9



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





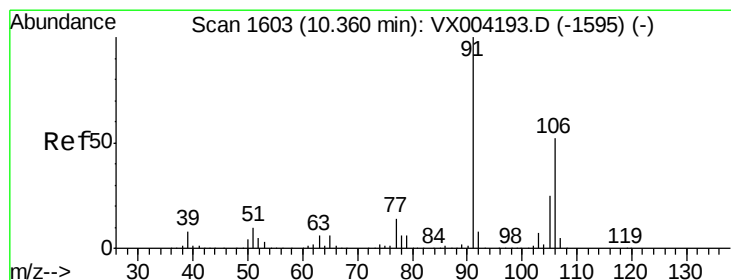
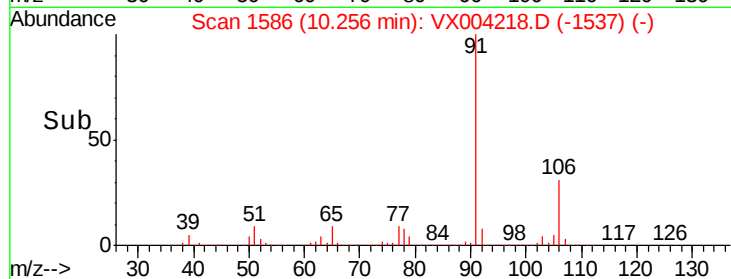
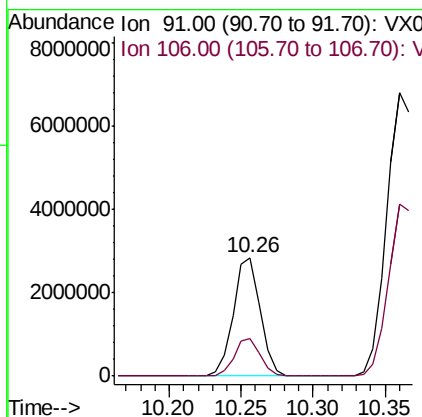
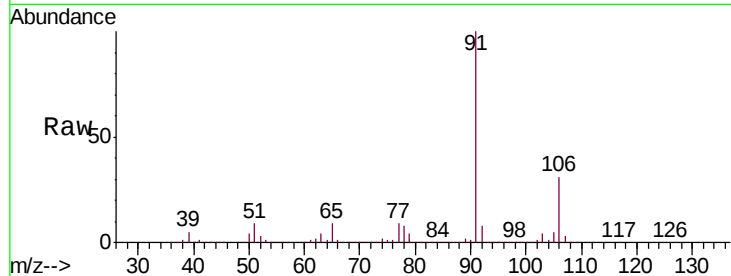
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Ethyl Benzene
Concen: 202.474 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Instrument :
MSVOA_X
ClientSampleId :
FL-0542

Tgt Ion: 91 Resp: 3727967
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9

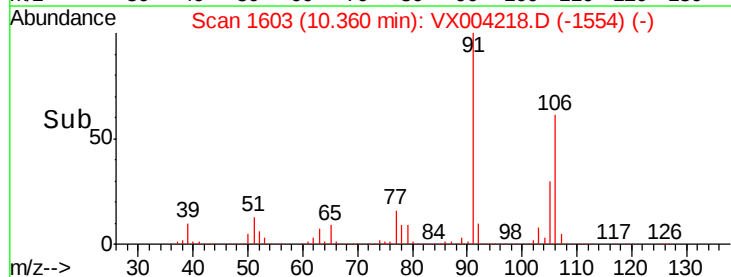
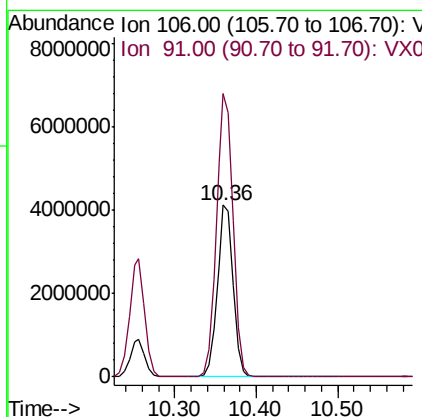
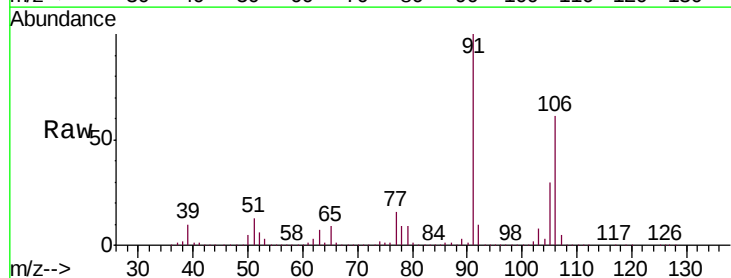
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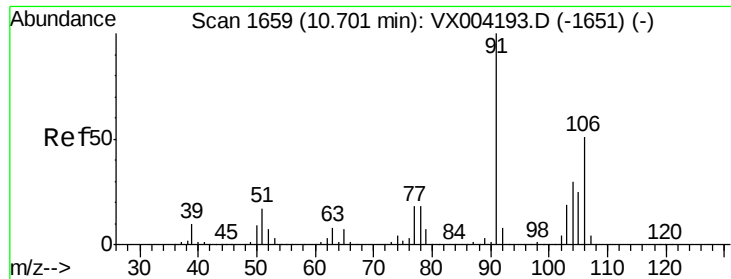
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8/24/2018 11:35:05 AM



#68
m/p-Xylenes
Concen: 780.139 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Tgt Ion: 106 Resp: 5616604
Ion Ratio Lower Upper
106 100
91 173.7 157.1 235.7





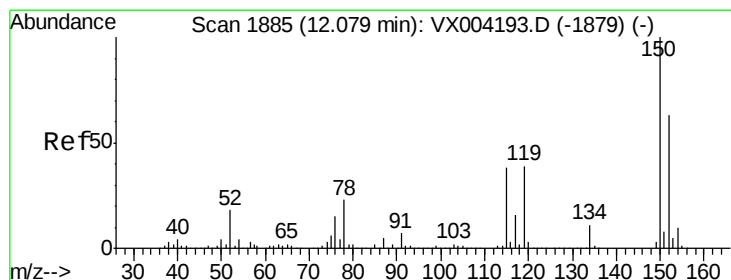
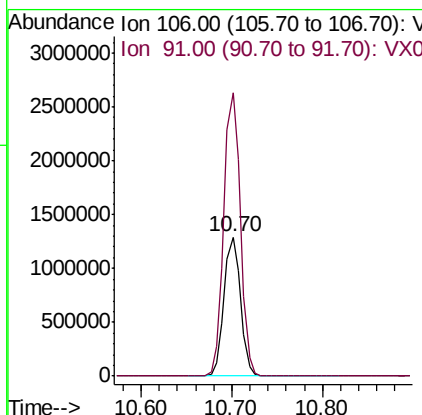
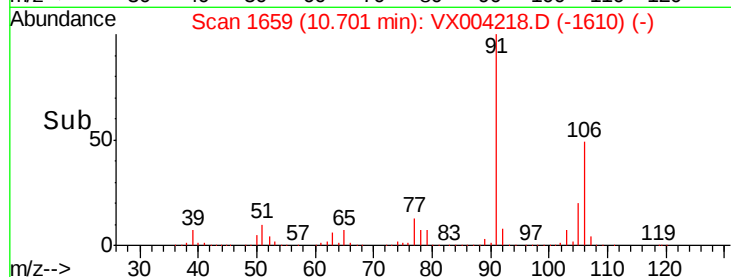
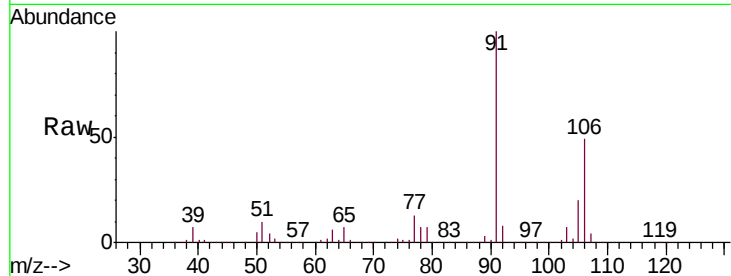
#69
o-Xylene
Concen: 240.956 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Instrument :
MSVOA_X
ClientSampled :
FL-0542

Tgt Ion:106 Resp: 1640941
Ion Ratio Lower Upper
106 100
91 205.3 105.1 315.1

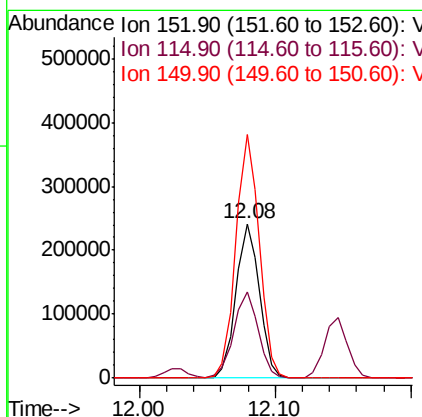
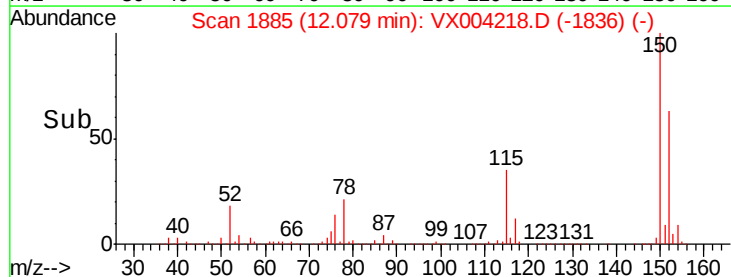
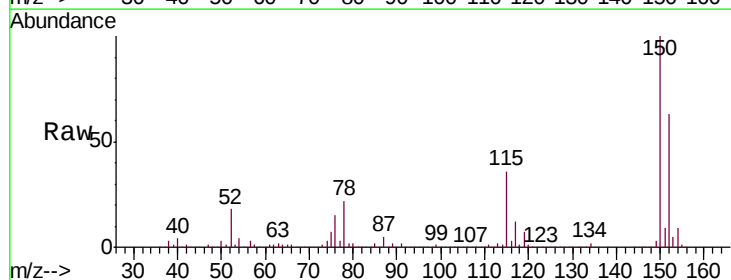
Manual Integrations
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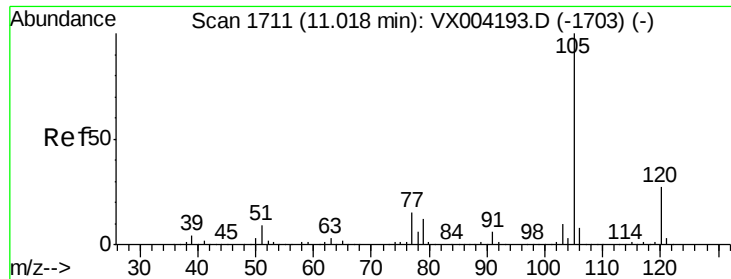
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8/24/2018 11:35:05 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Tgt Ion:152 Resp: 289739
Ion Ratio Lower Upper
152 100
115 58.1 39.0 117.0
150 157.2 0.0 351.0





#73

Isopropylbenzene

Concen: 47.506 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

FL-0542

Tgt Ion: 105 Resp: 904034

Ion Ratio Lower Upper

105 100

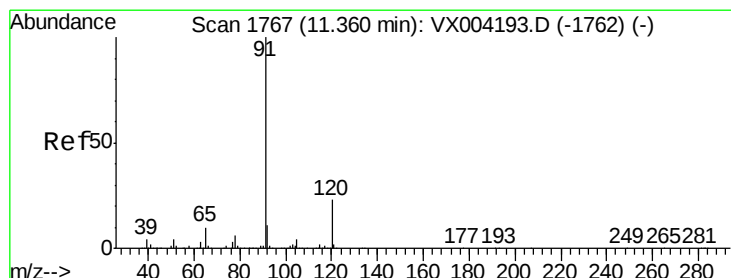
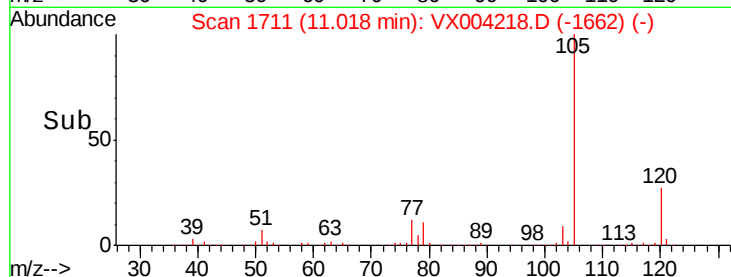
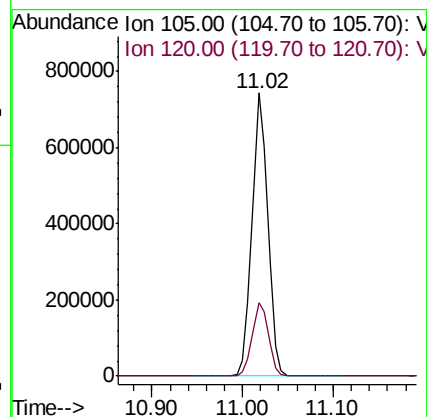
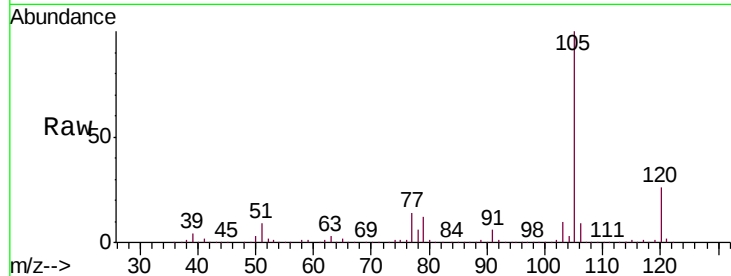
120 26.8 13.5 40.4

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#78

n-propylbenzene

Concen: 80.853 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004218.D

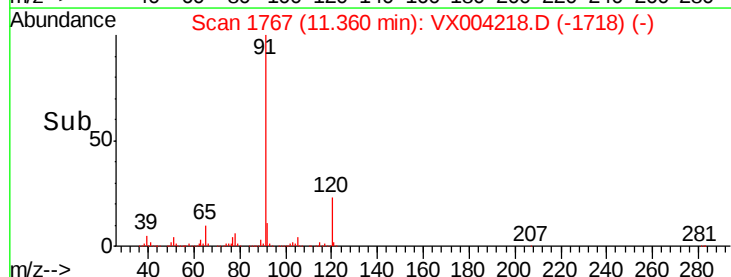
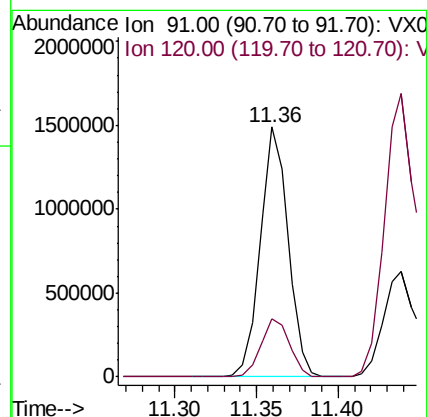
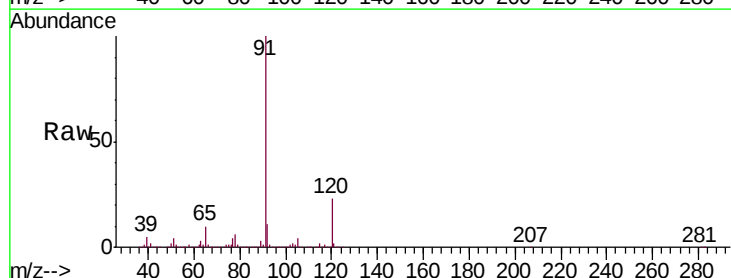
Acq: 23 Aug 2018 11:28

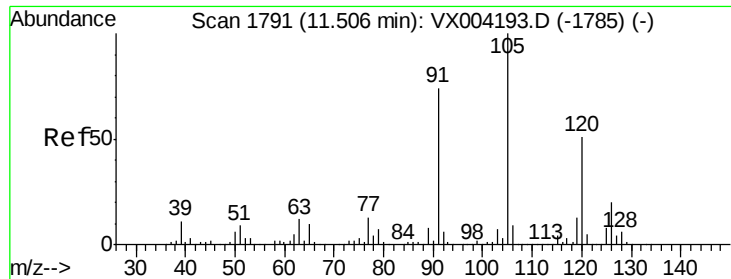
Tgt Ion: 91 Resp: 1769618

Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.9





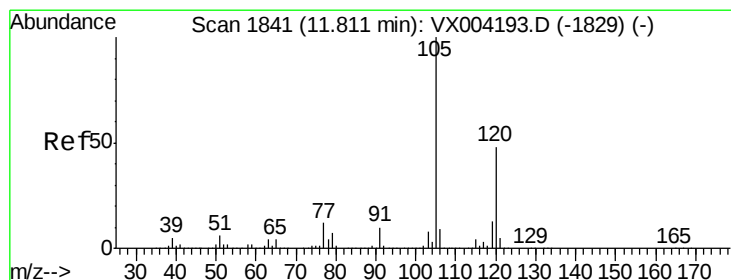
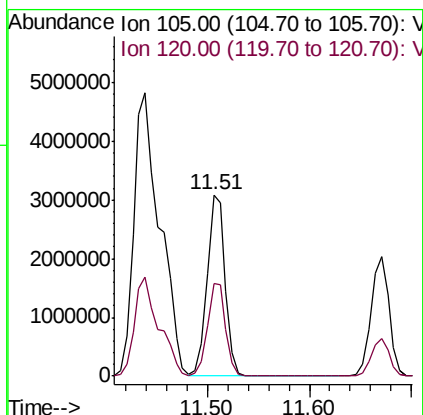
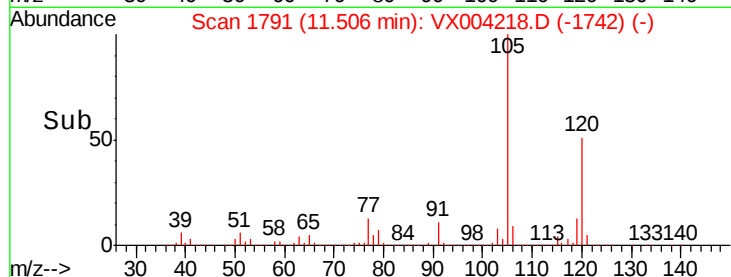
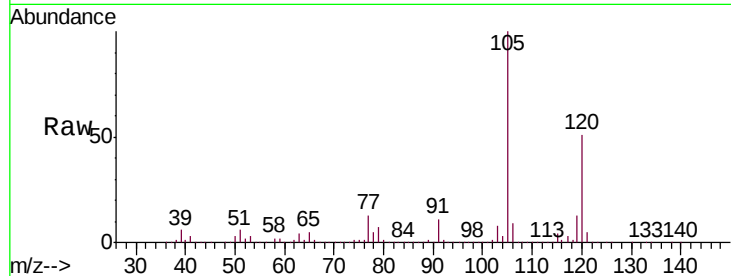
#80
 1,3,5-Trimethylbenzene
 Concen: 240.856 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0542

Tgt Ion:105 Resp: 3795699
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.6 76.8

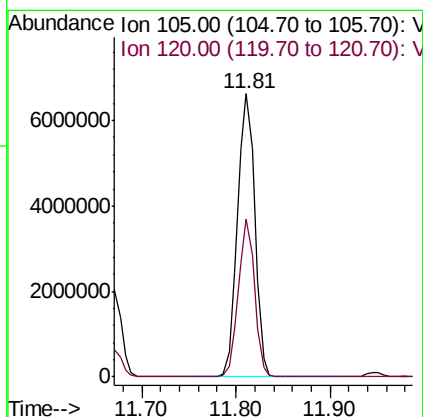
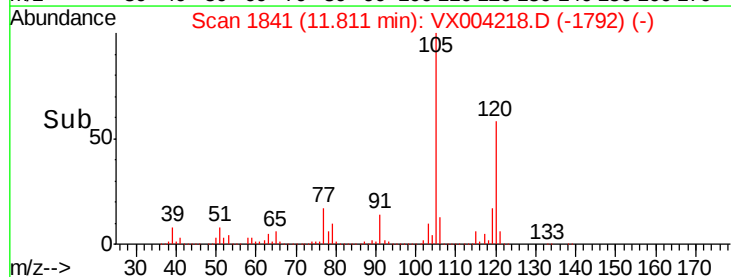
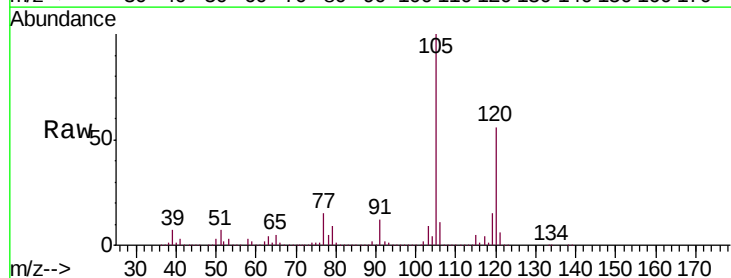
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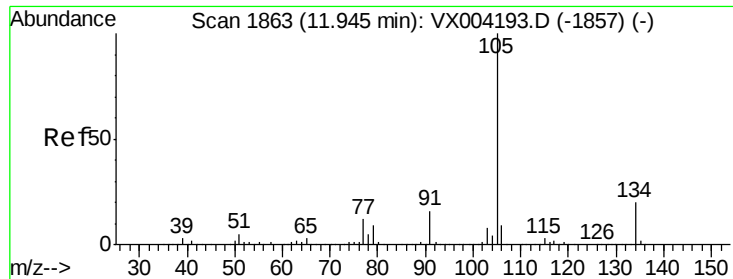
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#84
 1,2,4-Trimethylbenzene
 Concen: 523.887 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Tgt Ion:105 Resp: 8474725
 Ion Ratio Lower Upper
 105 100
 120 52.0 23.2 69.6





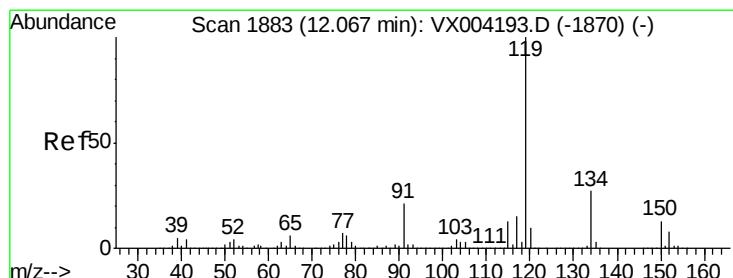
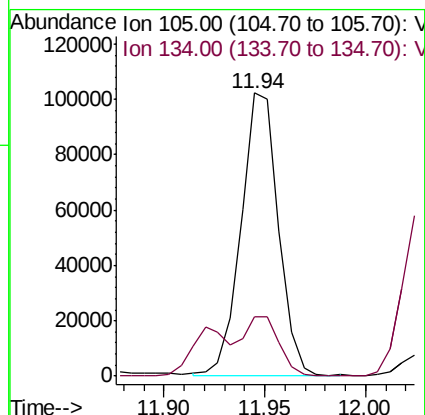
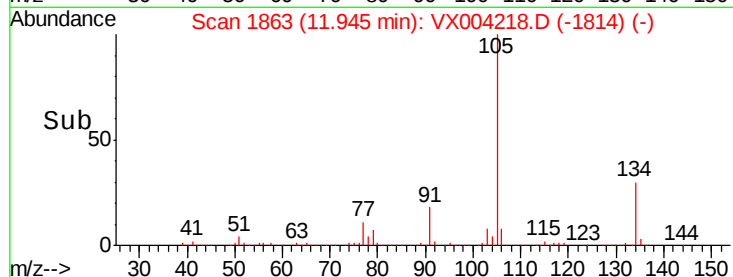
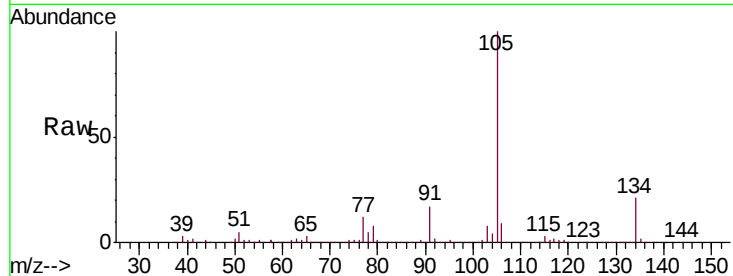
#85
 sec-Butylbenzene
 Concen: 7.055 ug/l m
 RT: 11.94 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0542

Tgt Ion:105 Resp: 132804
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#

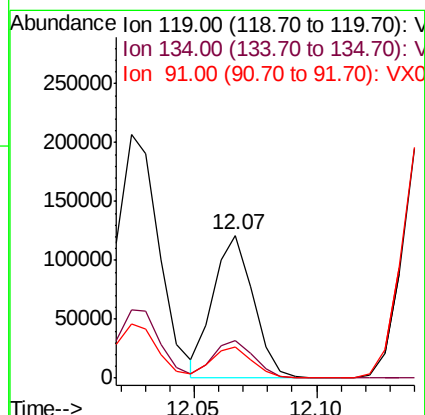
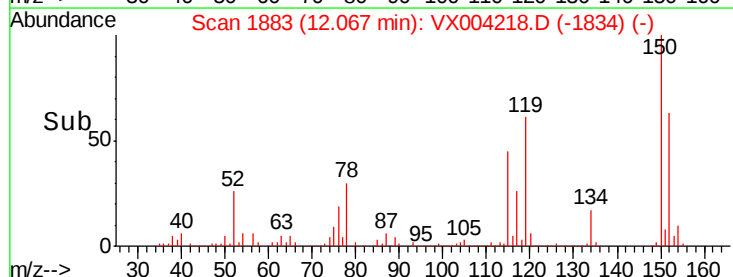
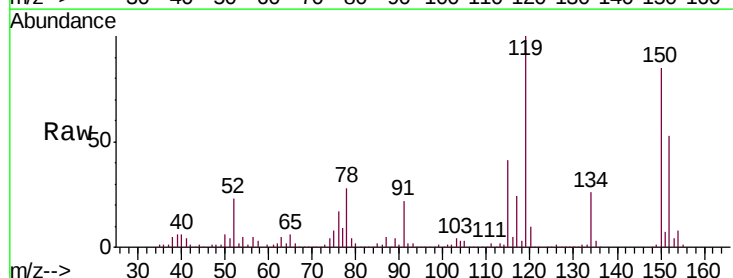
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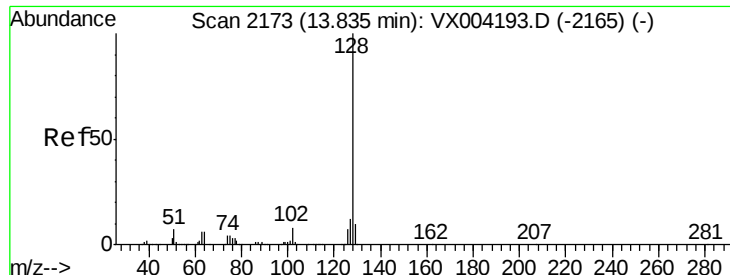
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#86
 p-Isopropyltoluene
 Concen: 8.158 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Tgt Ion:119 Resp: 137627
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.1 10.9 32.7





#95
 Naphthalene
 Concen: 80.249 ug/l m
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0542

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#

Manual Integrations
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