

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004242.D
 Acq On : 24 Aug 2018 13:09
 Operator : JC/MD
 Sample : J4579-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0542DL

Manual Integrations
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 8/25/2018 11:51:08 AM

Quant Time: Aug 25 11:50:33 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	315656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259784	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198942	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.50	113	175234	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	665185	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	243640	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

Target Compounds						Qvalue
31) Cyclohexane	5.57	56	129218	22.402	ug/l	99
39) Methylcyclohexane	7.46	83	107836	17.741	ug/l	98
52) Toluene	8.79	92	22081	2.217	ug/l	99
67) Ethyl Benzene	10.25	91	159227	9.166	ug/l	100
68) m/p-Xylenes	10.36	106	269026	39.605	ug/l	100
69) o-Xylene	10.70	106	74480	11.592	ug/l	100
73) Isopropylbenzene	11.02	105	38120	2.234	ug/l	100
78) n-propylbenzene	11.36	91	73890	3.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	172949	12.240	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	411134	28.346	ug/l	99
95) Naphthalene	13.83	128	55035	3.247	ug/l	97

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

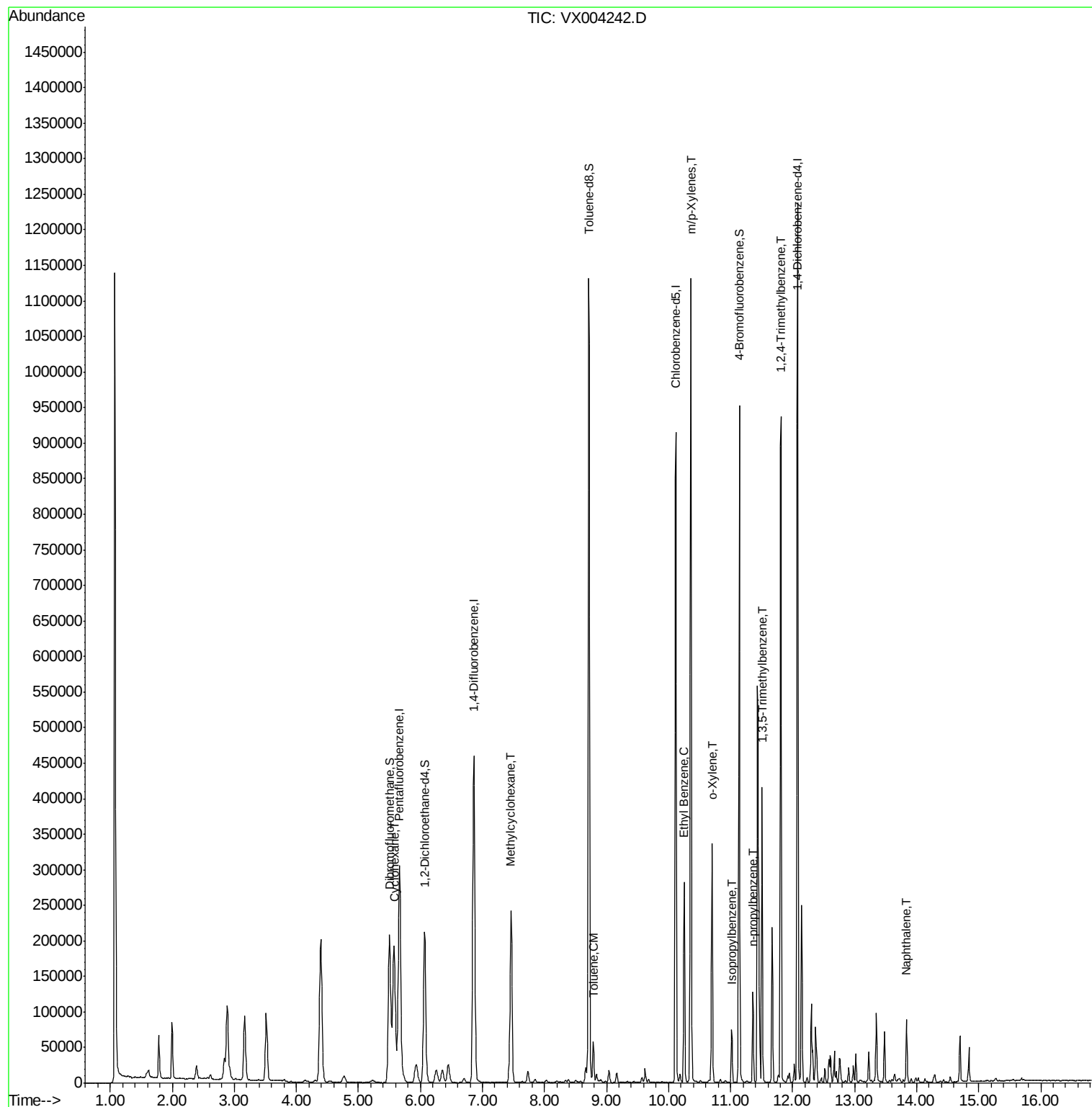
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
Data File : VX004242.D
Acq On : 24 Aug 2018 13:09
Operator : JC/MD
Sample : J4579-07DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

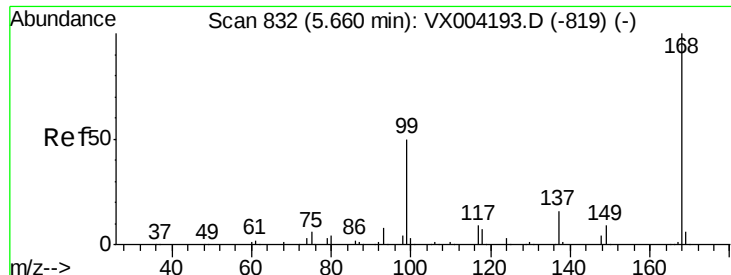
Instrument :
MSVOA_X
ClientSampled :
FL-0542DL

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Quant Time: Aug 25 11:50:33 2018
Quant Method : Z:\V0ASRV\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: VX004242.D

Acq: 24 Aug 2018 13:09

Instrument :

MSVOA_X

ClientSampleID :

FL-0542DL

Tgt Ion: 168 Resp: 315656

Ion Ratio Lower Upper

168 100

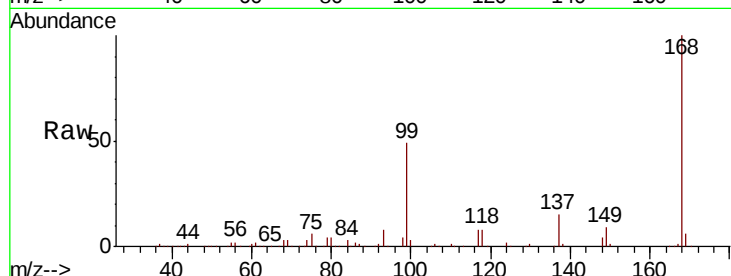
99 48.6 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

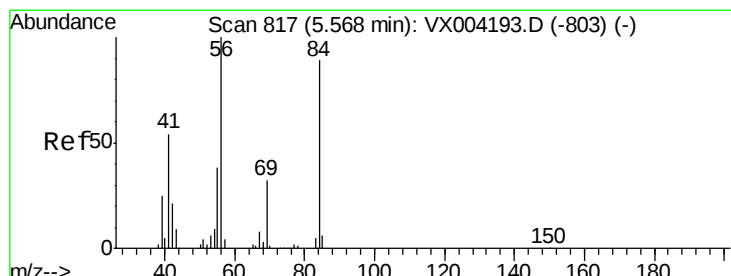
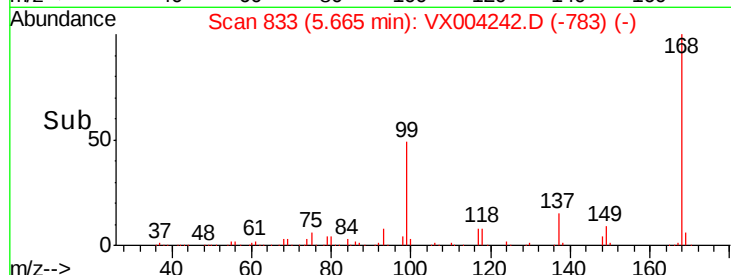
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#31

Cyclohexane

Concen: 22.402 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004242.D

Acq: 24 Aug 2018 13:09

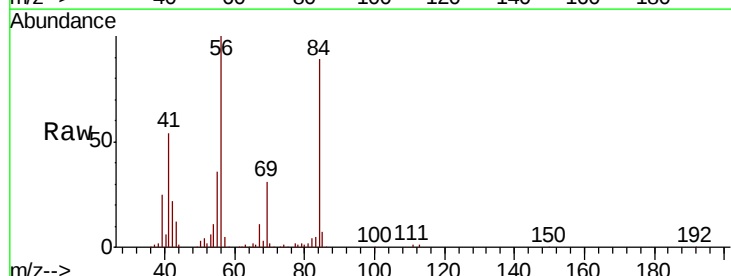
Tgt Ion: 56 Resp: 129218

Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.2

84 89.4 71.4 107.2



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

50000

40000

30000

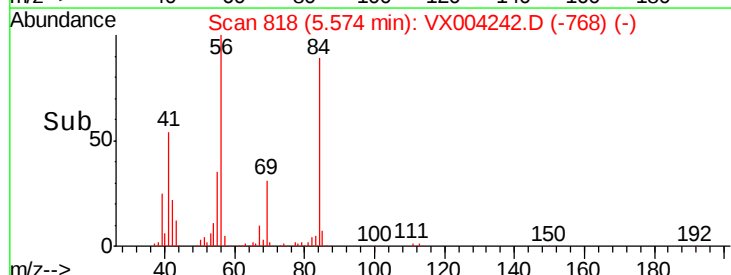
20000

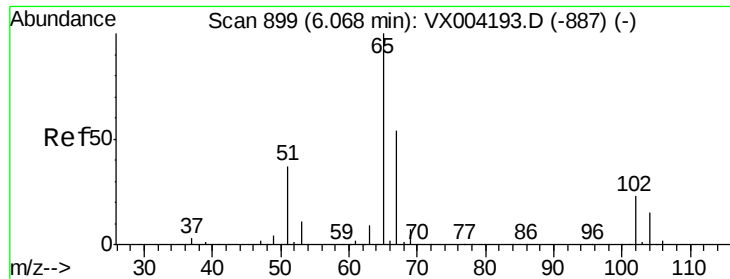
10000

0

5.50 5.60

Time-->





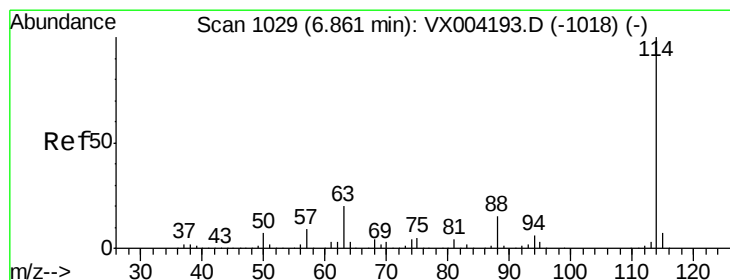
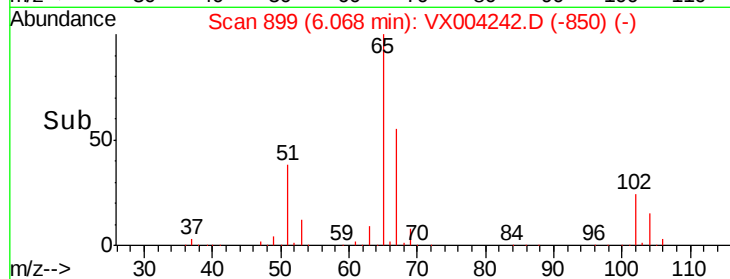
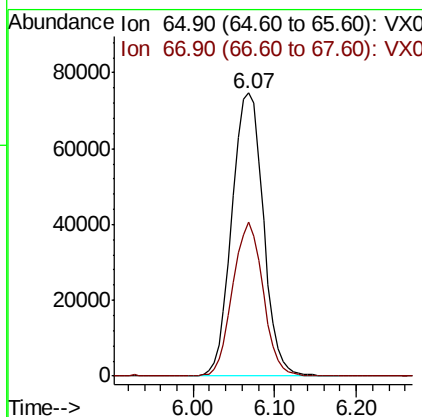
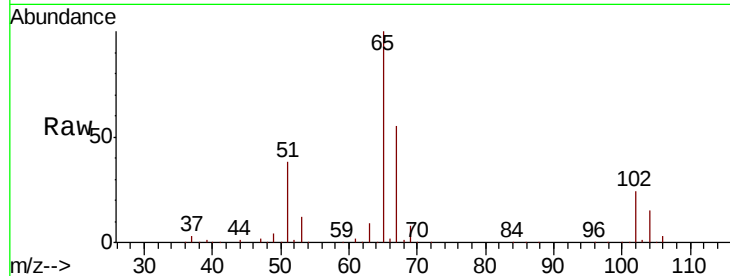
#33
 1,2-Dichloroethane-d4
 Concen: 48.355 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004242.D
 Acq: 24 Aug 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0542DL

Tgt Ion: 65 Resp: 198942
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8

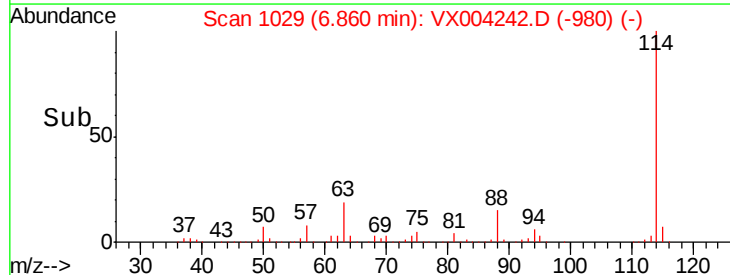
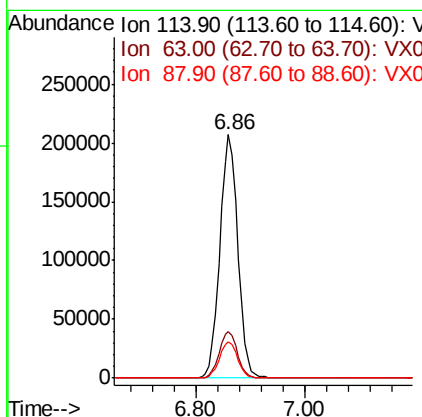
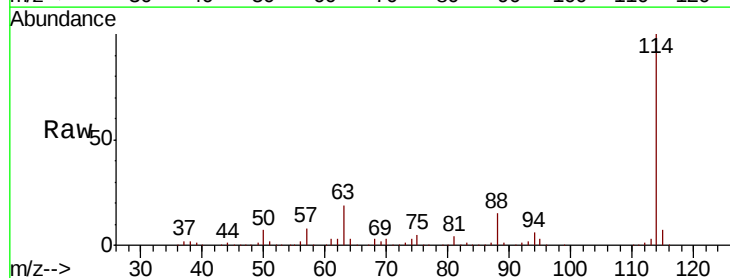
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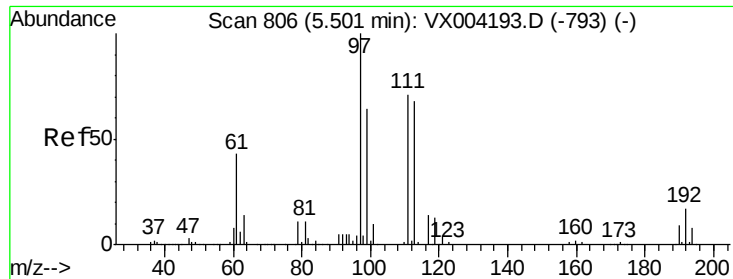
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004242.D
 Acq: 24 Aug 2018 13:09

Tgt Ion: 114 Resp: 473557
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.741 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004242.D

Acq: 24 Aug 2018 13:09

Instrument :

MSVOA_X

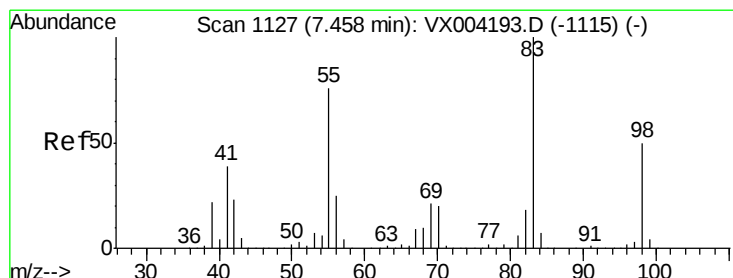
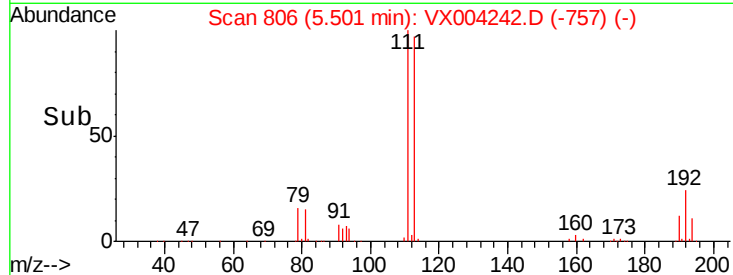
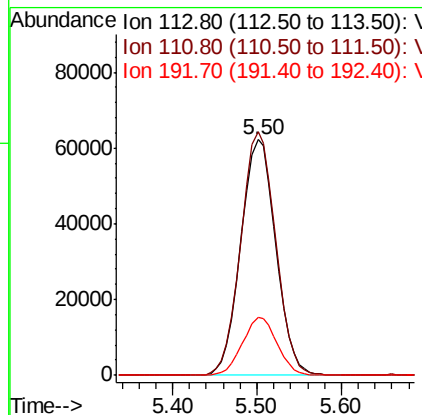
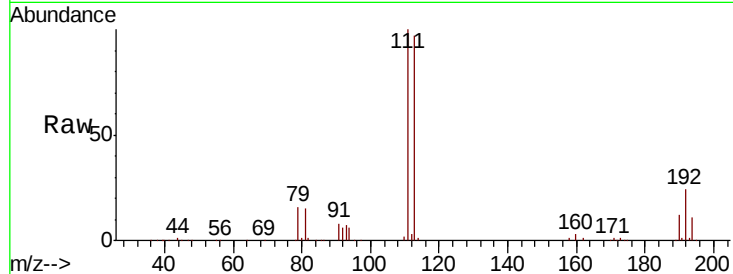
ClientSampled :

FL-0542DL

Tgt Ion:	113	Resp:	175234
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	24.2	19.4	29.2

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#39

Methylcyclohexane

Concen: 17.741 ug/l

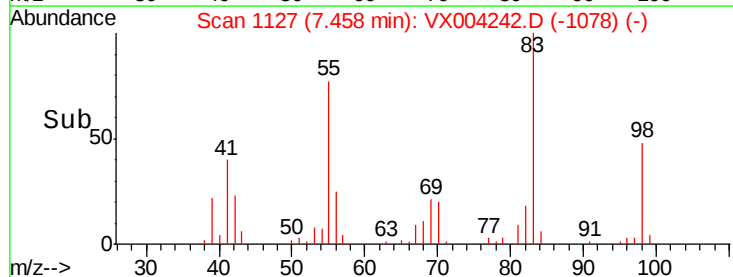
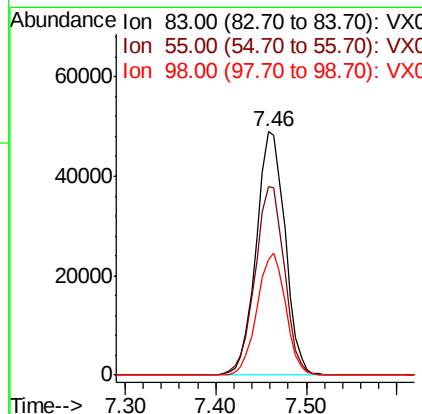
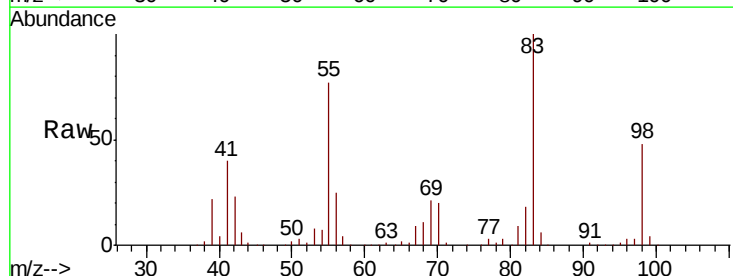
RT: 7.46 min Scan# 1127

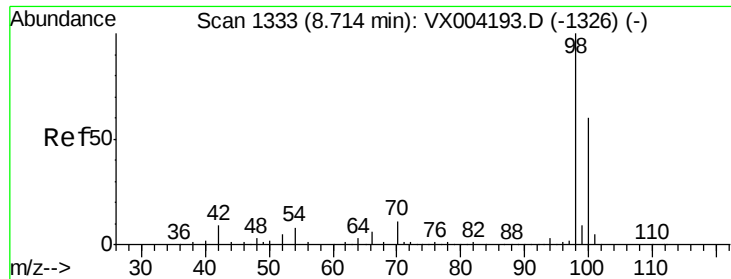
Delta R.T. -0.00 min

Lab File: VX004242.D

Acq: 24 Aug 2018 13:09

Tgt Ion:	83	Resp:	107836
Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.0	91.4
98	47.7	39.6	59.4





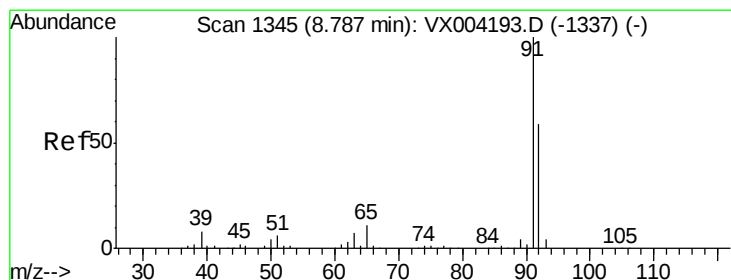
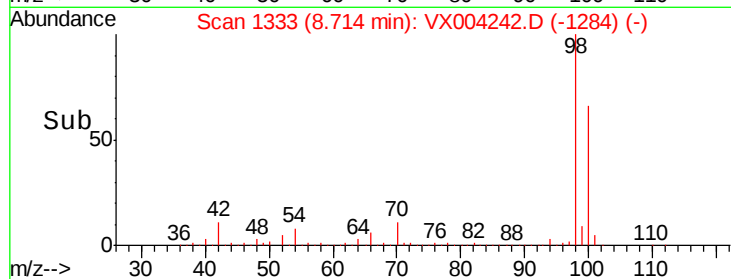
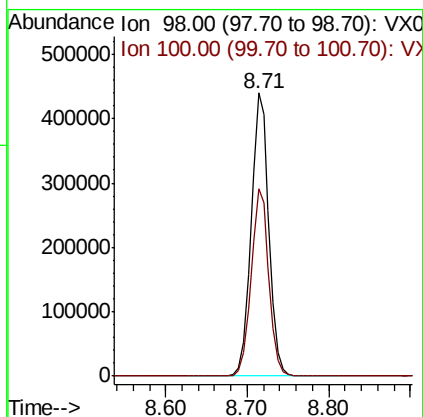
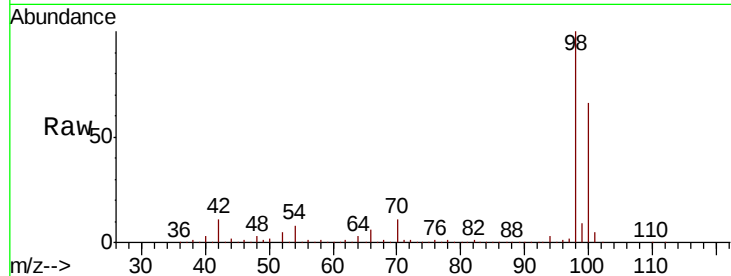
#50
Toluene-d8
Concen: 50.022 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004242.D
Acq: 24 Aug 2018 13:09

Instrument :
MSVOA_X
ClientSampleID :
FL-0542DL

Tgt Ion: 98 Resp: 665185
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

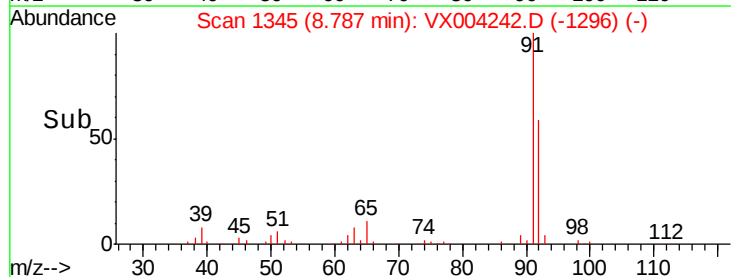
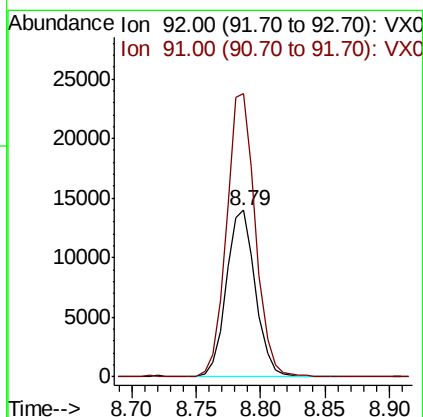
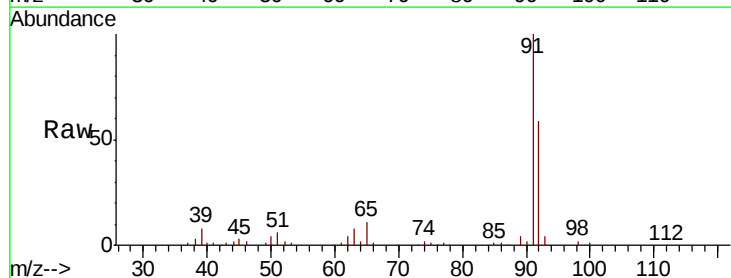
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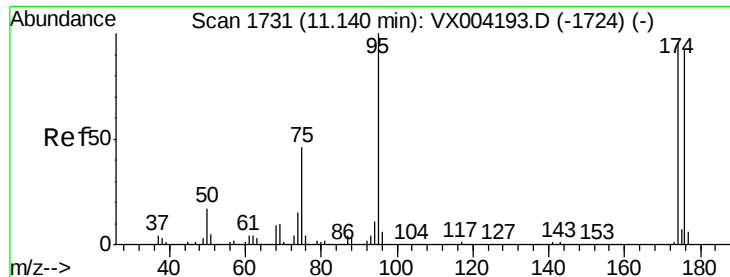
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#52
Toluene
Concen: 2.217 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004242.D
Acq: 24 Aug 2018 13:09

Tgt Ion: 92 Resp: 22081
Ion Ratio Lower Upper
92 100
91 168.8 136.4 204.6





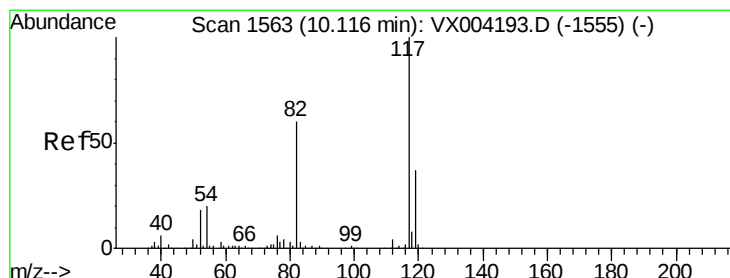
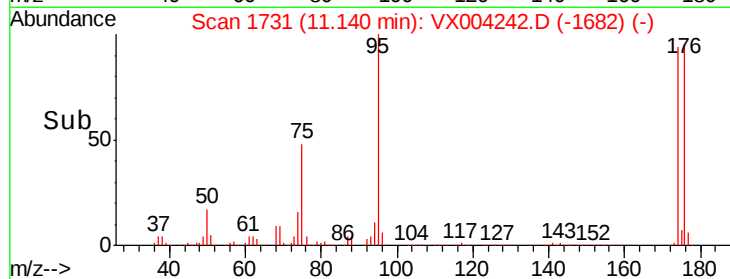
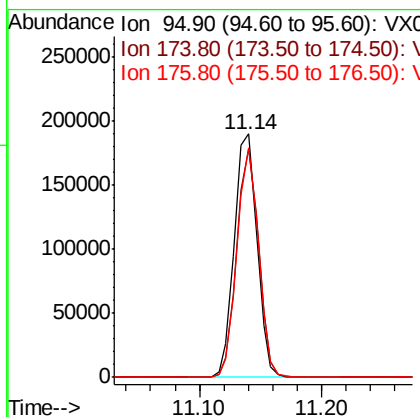
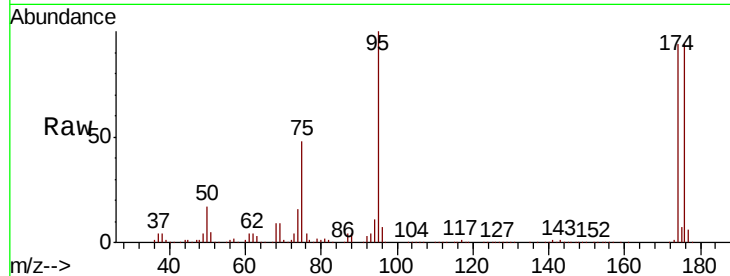
#62
4-Bromofluorobenzene
Concen: 49.103 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004242.D
Acq: 24 Aug 2018 13:09

Instrument :
MSVOA_X
ClientSampled :
FL-0542DL

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	243640		
174	90.8	0.0	185.2	
176	89.3	0.0	178.6	

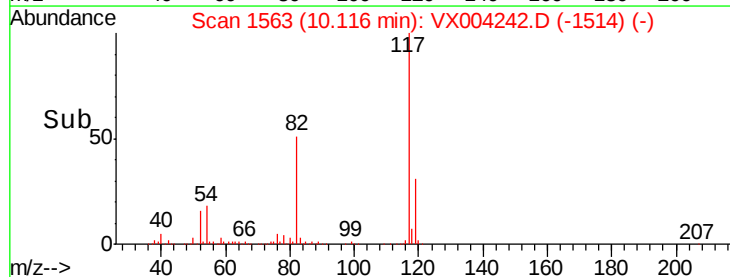
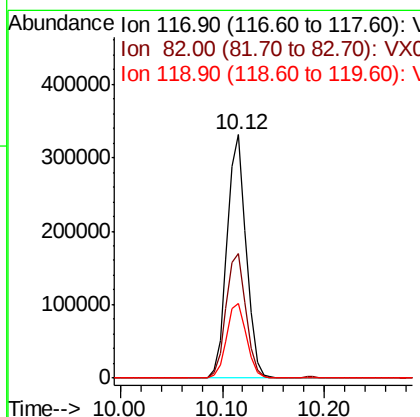
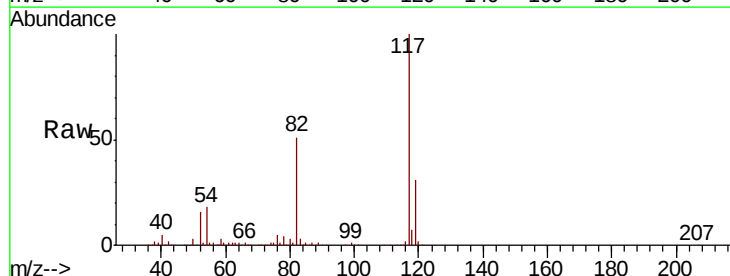
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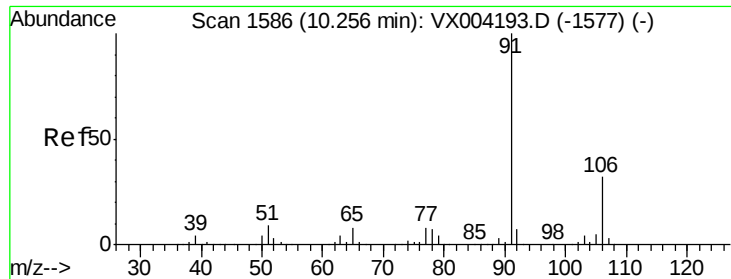
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004242.D
Acq: 24 Aug 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	426206		
82	51.4	47.8	71.6	
119	30.5	29.3	43.9	





#67

Ethyl Benzene

Concen: 9.166 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004242.D

Acq: 24 Aug 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

FL-0542DL

Tgt Ion: 91 Resp: 159227

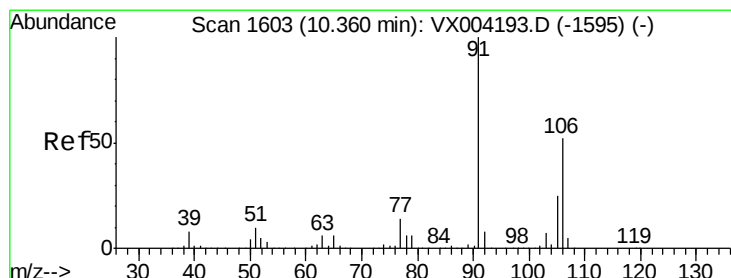
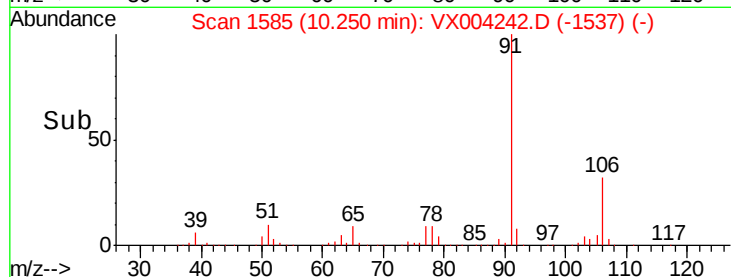
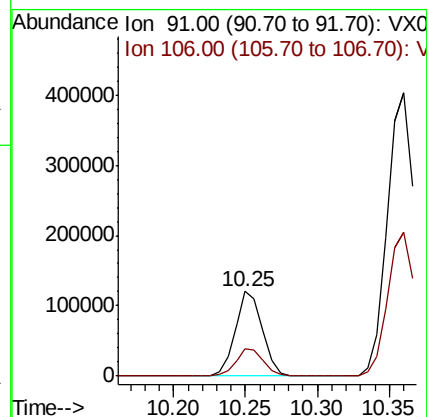
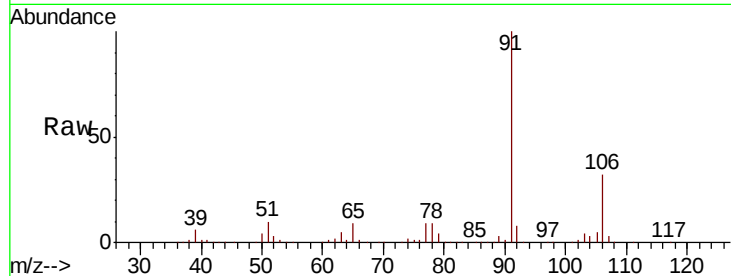
Ion Ratio Lower Upper

91 100

106 32.3 25.9 38.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.605 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004242.D

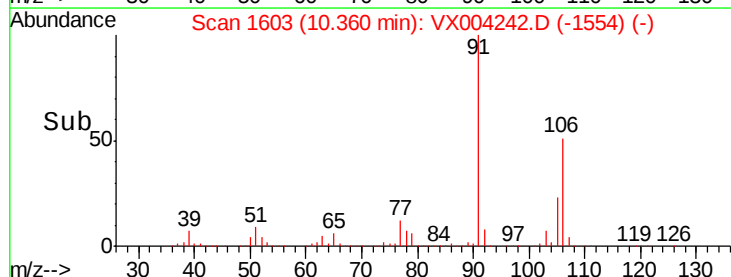
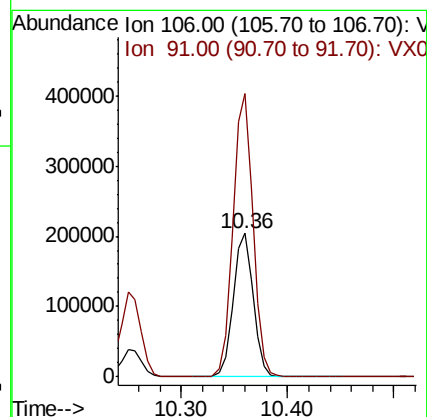
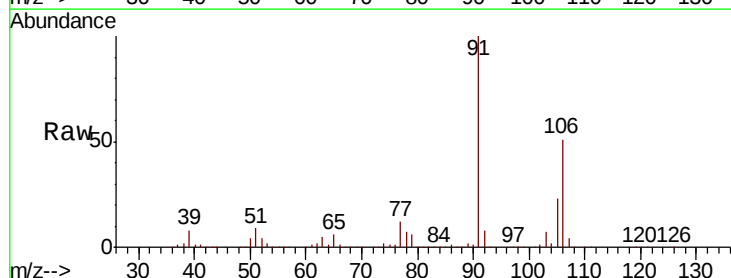
Acq: 24 Aug 2018 13:09

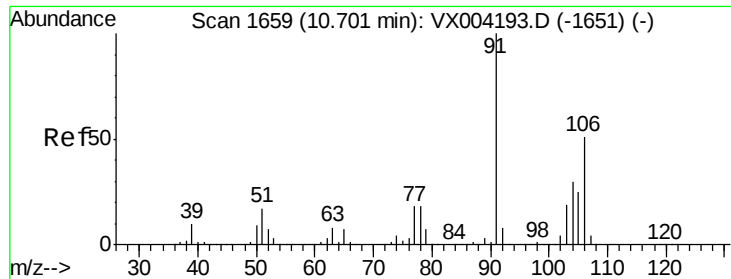
Tgt Ion: 106 Resp: 269026

Ion Ratio Lower Upper

106 100

91 196.8 157.1 235.7





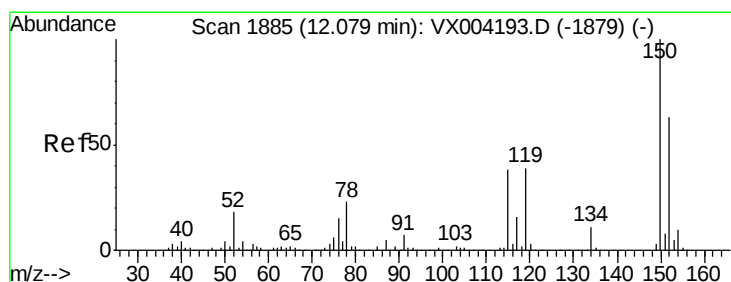
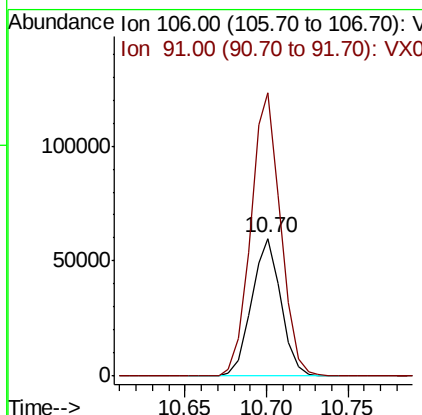
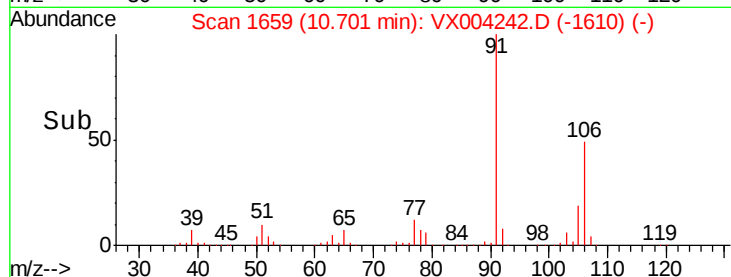
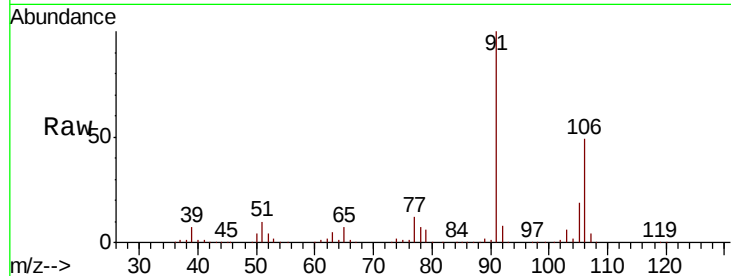
#69
o-Xylene
Concen: 11.592 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004242.D
Acq: 24 Aug 2018 13:09

Instrument :
MSVOA_X
ClientSampled :
FL-0542DL

Tgt Ion:106 Resp: 74480
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.1

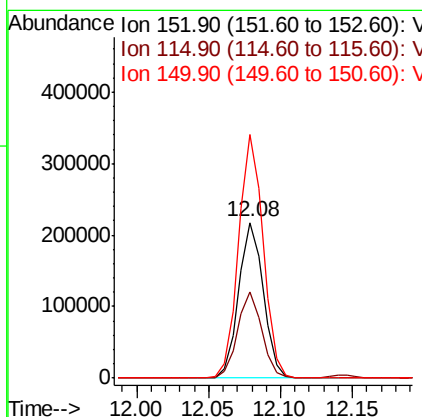
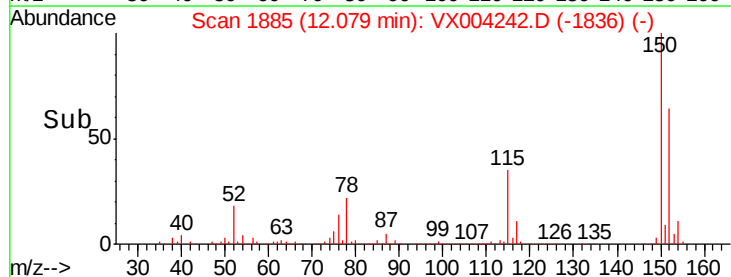
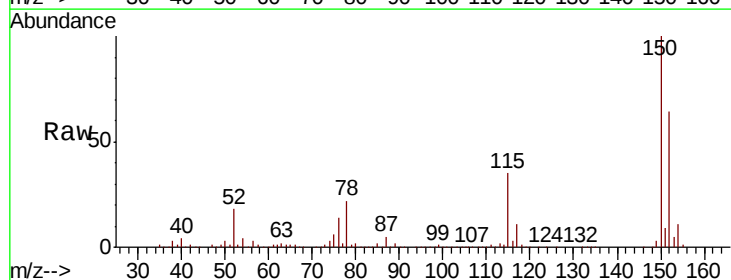
Manual Integrations
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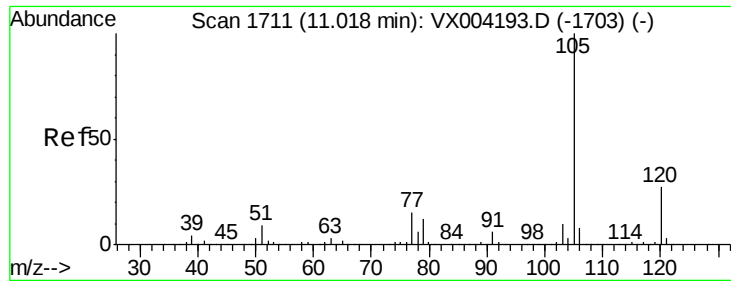
MMDadoda
8/25/2018 11:51:08 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004242.D
Acq: 24 Aug 2018 13:09

Tgt Ion:152 Resp: 259784
Ion Ratio Lower Upper
152 100
115 54.3 39.0 117.0
150 155.9 0.0 351.0





#73

Isopropylbenzene

Concen: 2.234 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004242.D

Acq: 24 Aug 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

FL-0542DL

Tgt Ion: 105 Resp: 38120

Ion Ratio Lower Upper

105 100

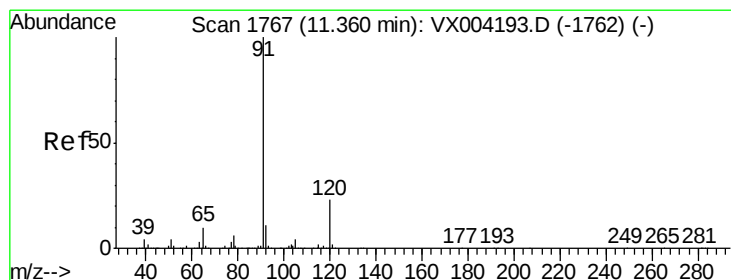
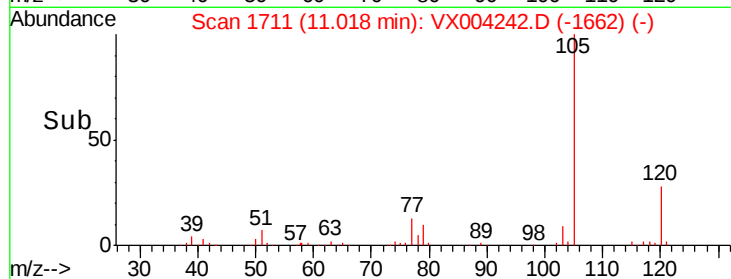
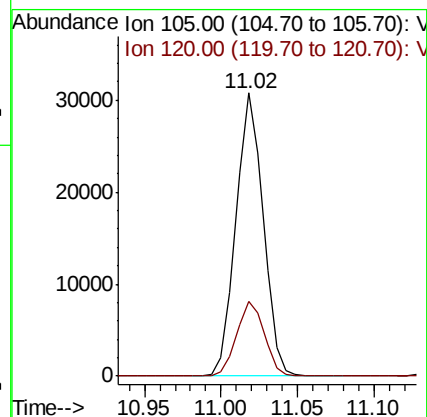
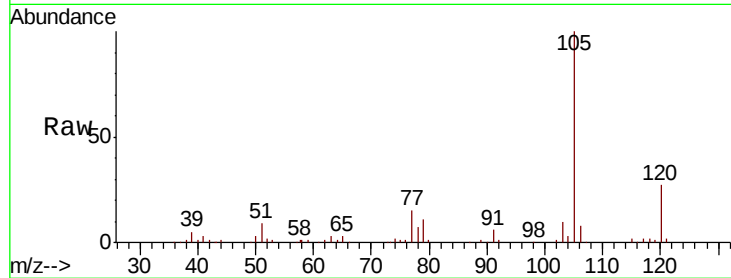
120 26.8 13.5 40.4

Manual Integrations

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#78

n-propylbenzene

Concen: 3.765 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004242.D

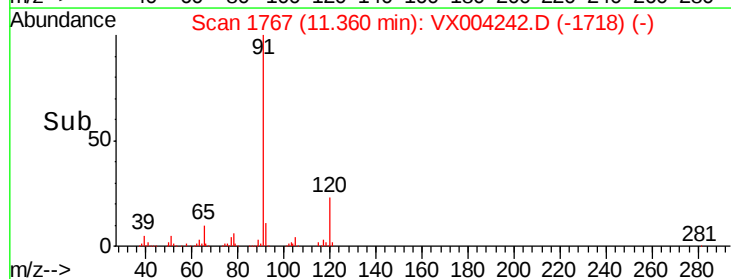
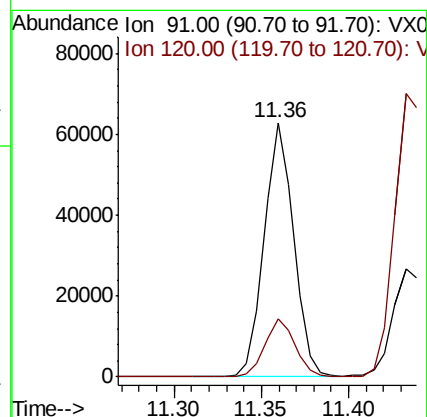
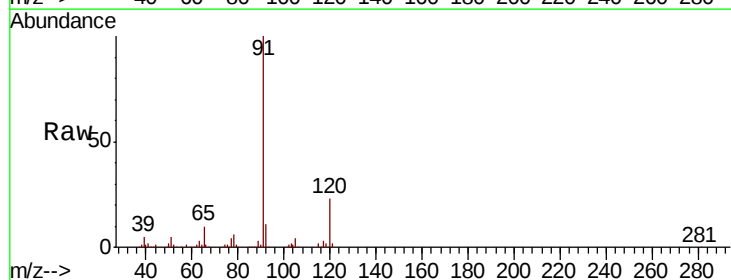
Acq: 24 Aug 2018 13:09

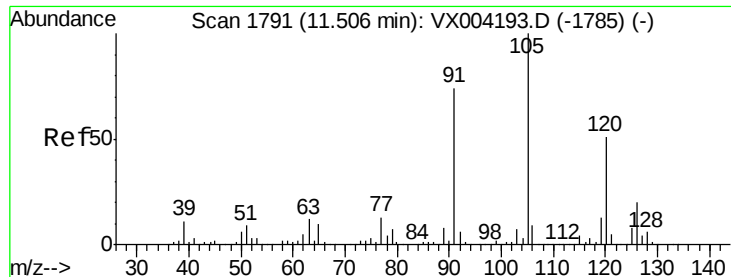
Tgt Ion: 91 Resp: 73890

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9





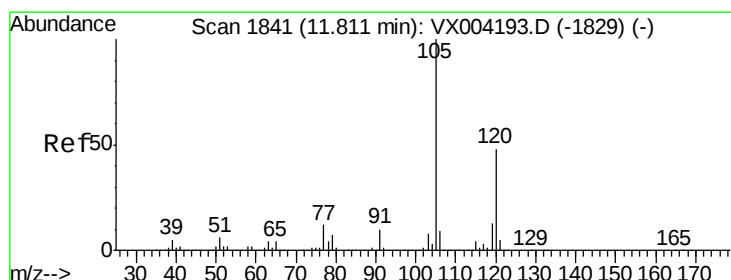
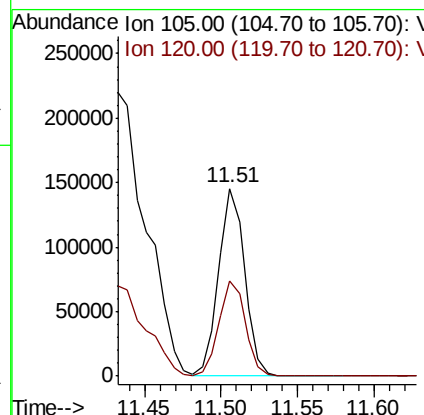
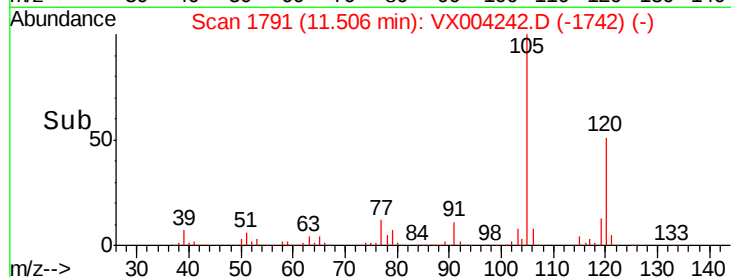
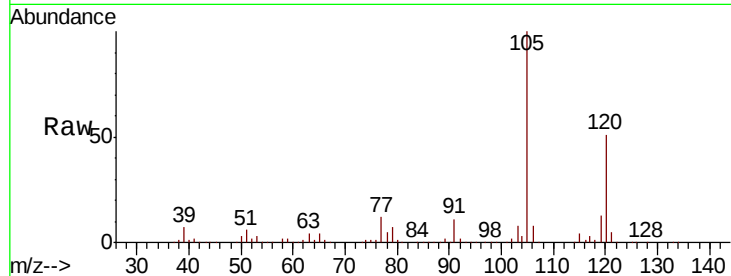
#80
 1,3,5-Trimethylbenzene
 Concen: 12.240 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004242.D
 Acq: 24 Aug 2018 13:09

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0542DL

Tgt Ion:105 Resp: 172949
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.6 76.8

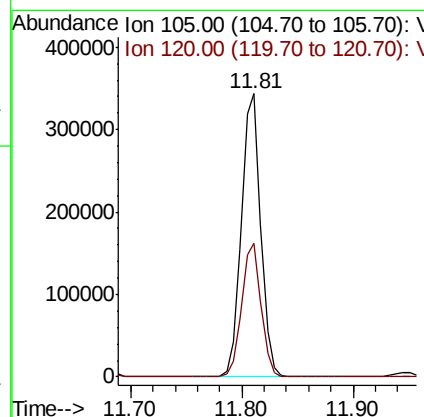
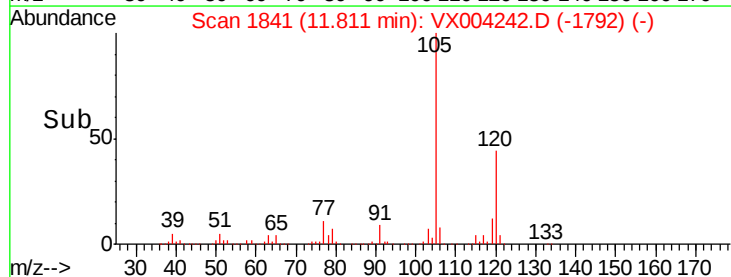
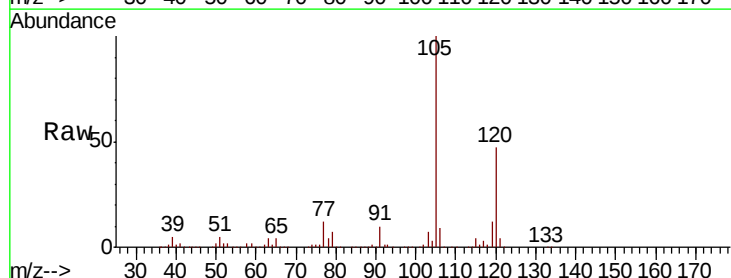
Manual Integrations
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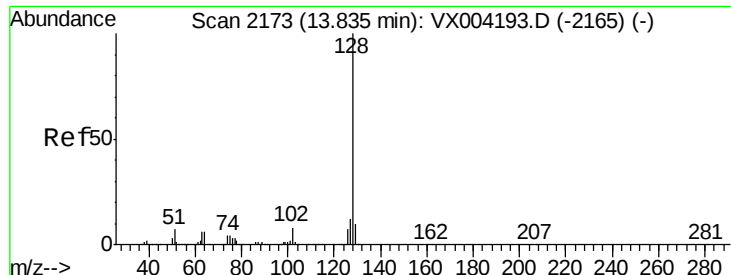
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#84
 1,2,4-Trimethylbenzene
 Concen: 28.346 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004242.D
 Acq: 24 Aug 2018 13:09

Tgt Ion:105 Resp: 411134
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.6





#95
Naphthalene
Concen: 3.247 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004242.D
Acq: 24 Aug 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0542DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	55035		
127	14.5		10.2	15.2
129	11.3		8.6	12.8

Manual Integrations
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