

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004235.D
 Acq On : 23 Aug 2018 19:00
 Operator : JC/MD
 Sample : J4579-11DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0552DL

Manual Integrations
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 8/24/2018 11:36:08 AM

Quant Time: Aug 24 07:40:21 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	310399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	427807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200752	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.50	113	171466	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.71	98	672557	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	252927	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
Target Compounds						
31) Cyclohexane	5.57	56	57220	10.09	ug/l	99
39) Methylcyclohexane	7.46	83	48804	7.93	ug/l	98
67) Ethyl Benzene	10.25	91	382150	21.92	ug/l	93
68) m/p-Xylenes	10.36	106	491916	72.15	ug/l	100
69) o-Xylene	10.70	106	218237	33.84	ug/l	95
73) Isopropylbenzene	11.02	105	29052	1.67	ug/l	100
78) n-propylbenzene	11.36	91	48440	2.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	95743	6.65	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	266918	18.07	ug/l	97
85) sec-Butylbenzene	11.95	105	5840m	0.34	ug/l	
86) p-Isopropyltoluene	12.07	119	5605m	0.36	ug/l	
95) Naphthalene	13.83	128	183641	10.64	ug/l	99

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

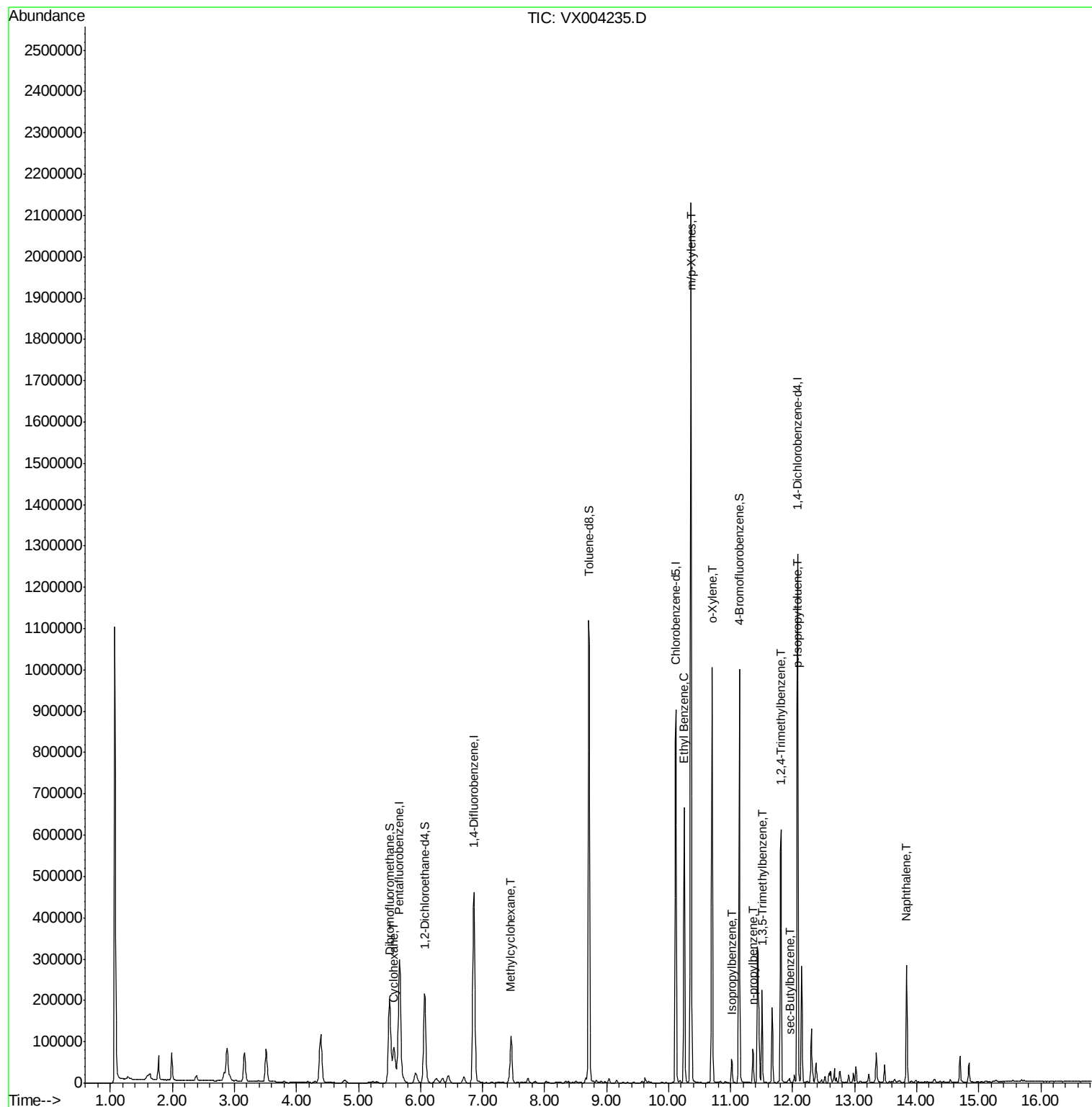
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004235.D
Acq On : 23 Aug 2018 19:00
Operator : JC/MD
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

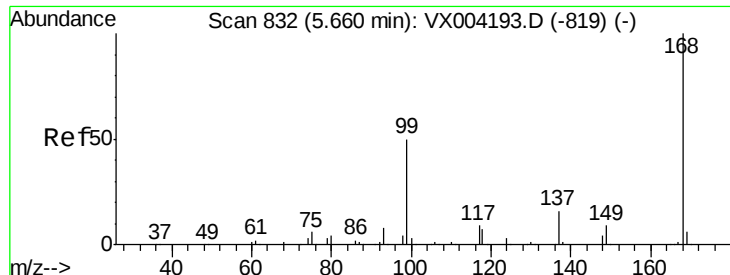
Instrument :
MSVOA_X
ClientSampleId :
FL-0552DL

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Quant Time: Aug 24 07:40:21 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: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004235.D

Acq: 23 Aug 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0552DL

Tot Ion:168 Resp: 310399

Ion Ratio Lower Upper

168 100

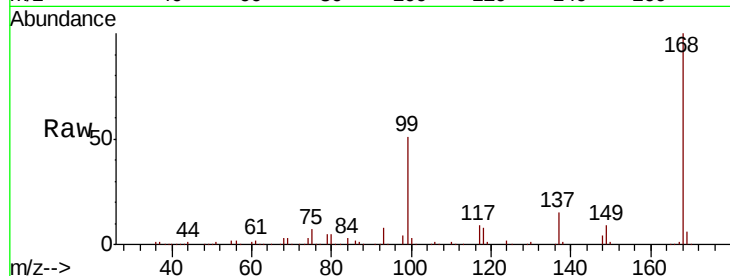
99 50.8 39.9 59.9

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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

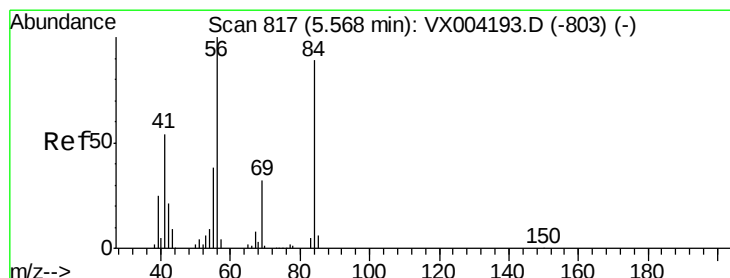
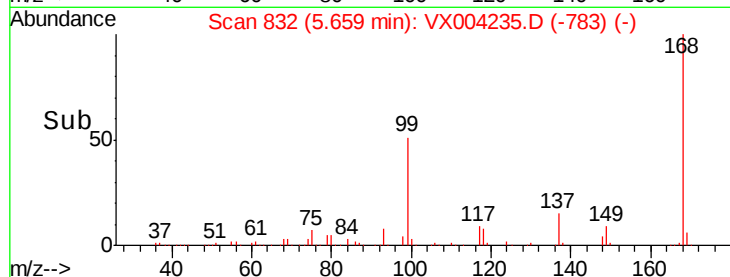
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#31

Cyclohexane

Concen: 10.09 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004235.D

Acq: 23 Aug 2018 19:00

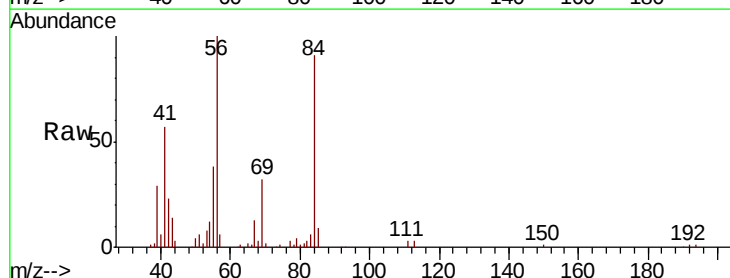
Tgt Ion: 56 Resp: 57220

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 91.1 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

20000

15000

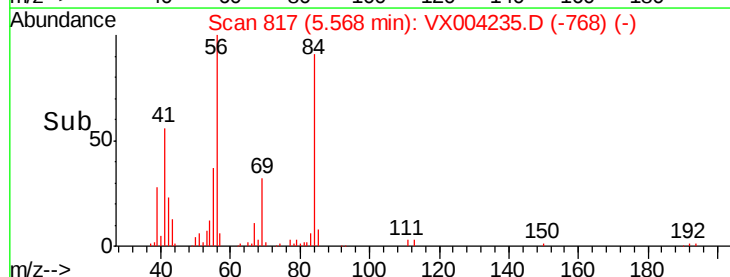
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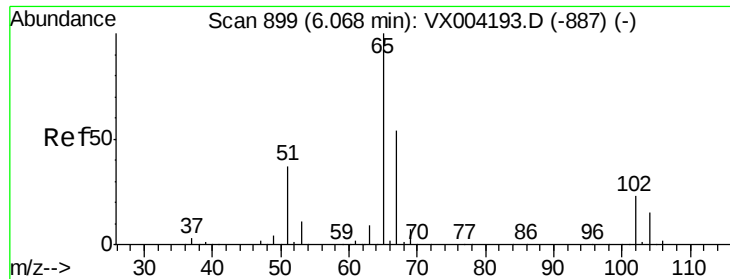
5000

0

5.50 5.60

Time-->





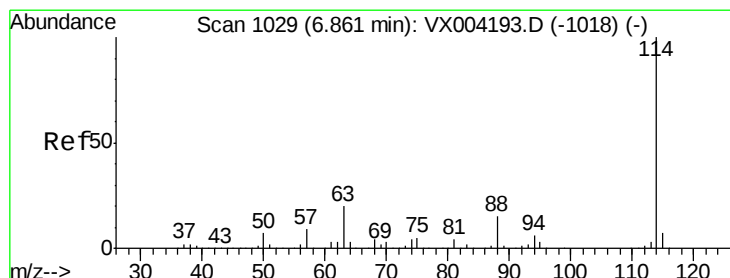
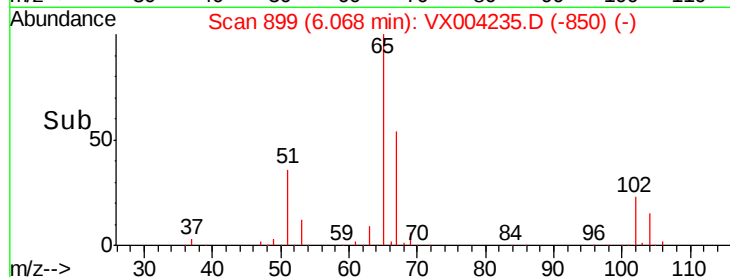
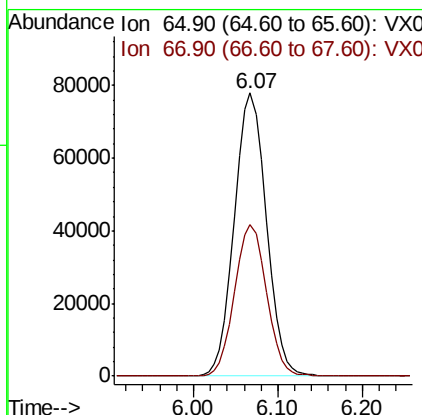
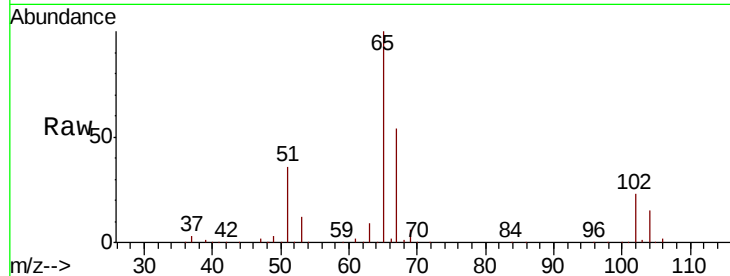
#33
 1,2-Dichloroethane-d4
 Concen: 49.62 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004235.D
 Acq: 23 Aug 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0552DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	200752		
67	53.3		0.0	106.8

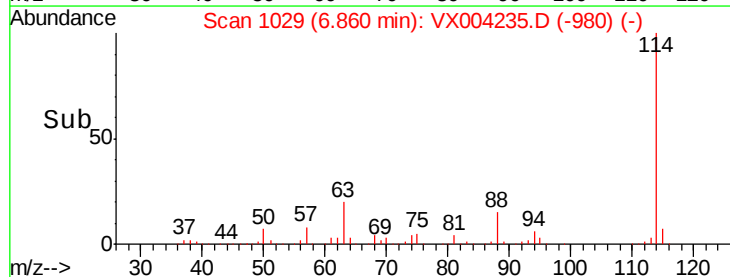
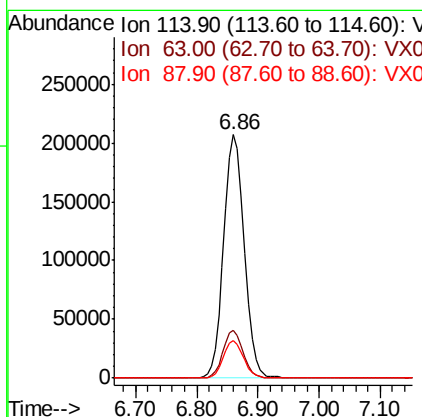
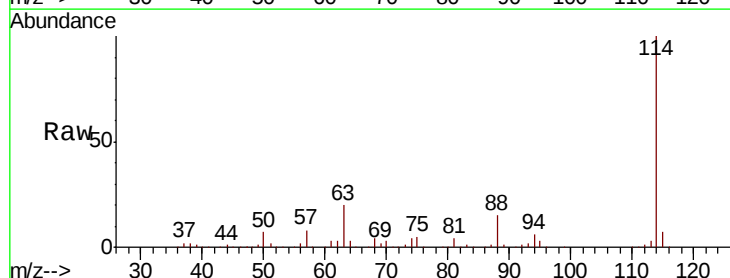
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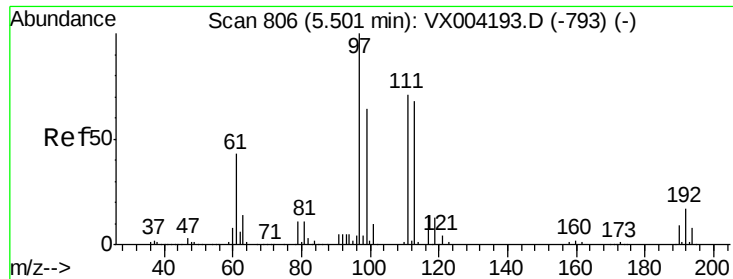
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004235.D
 Acq: 23 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	479759		
63	19.5		0.0	39.0
88	15.2		0.0	30.4





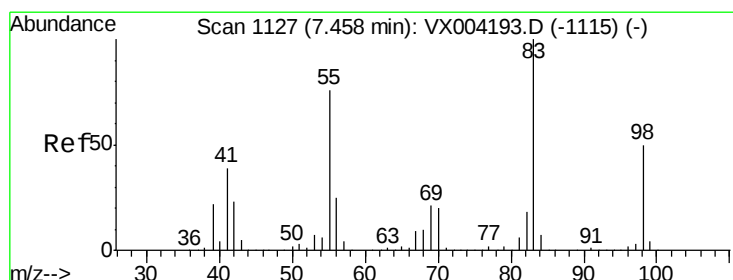
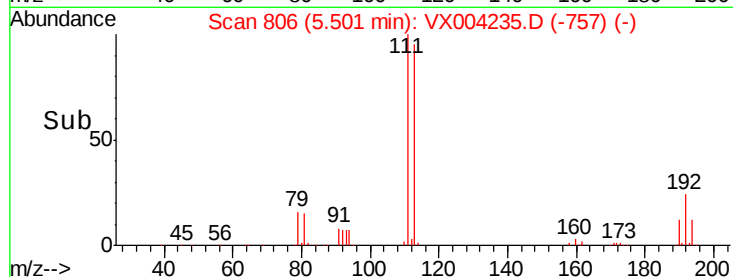
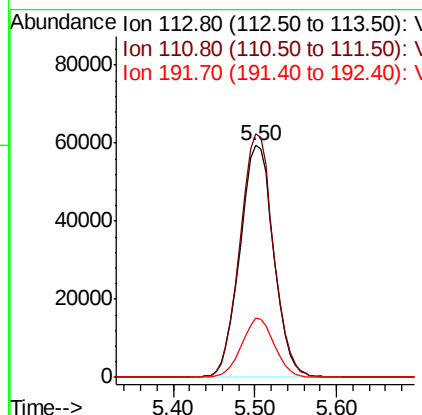
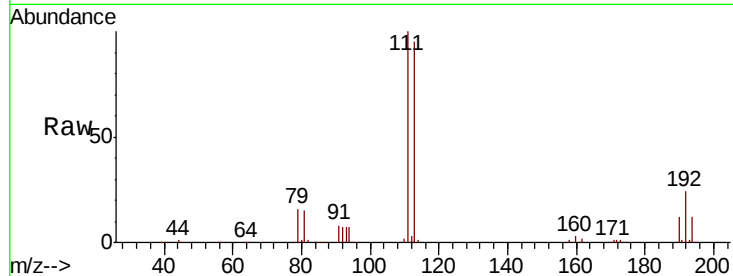
#35
Dibromofluoromethane
Concen: 48.04 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
FL-0552DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	171466		
111	103.6	82.4	123.6	
192	24.6	19.4	29.2	

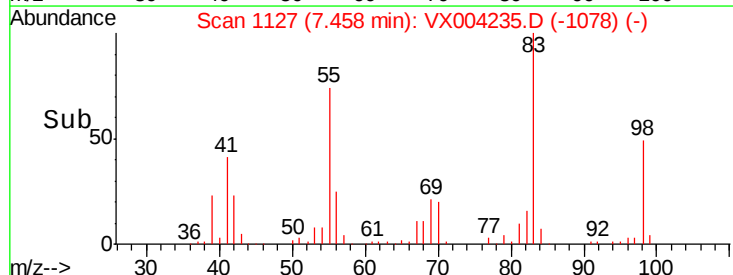
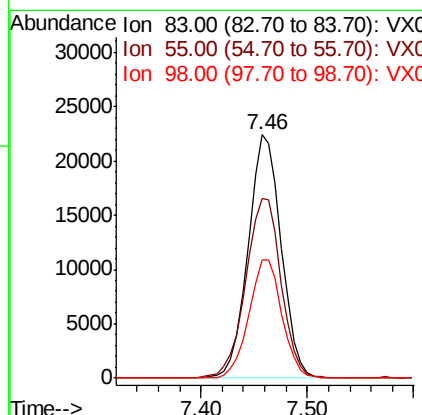
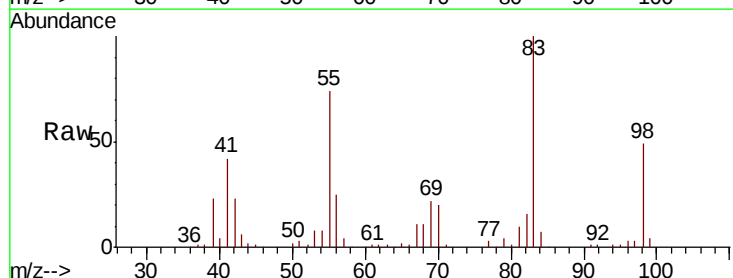
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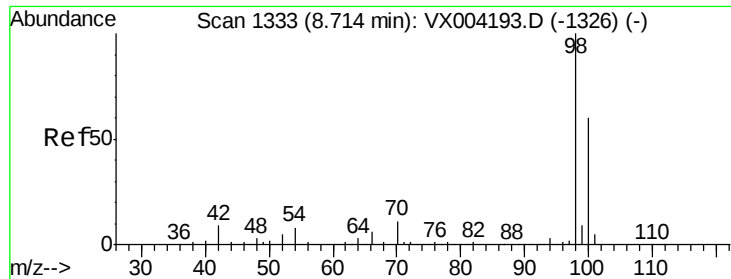
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#39
Methylcyclohexane
Concen: 7.93 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	48804		
55	73.7	61.0	91.4	
98	48.8	39.6	59.4	





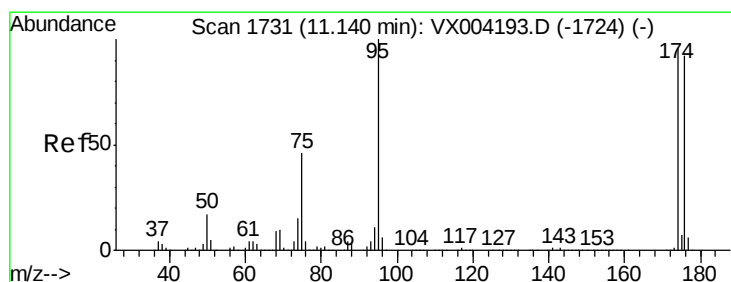
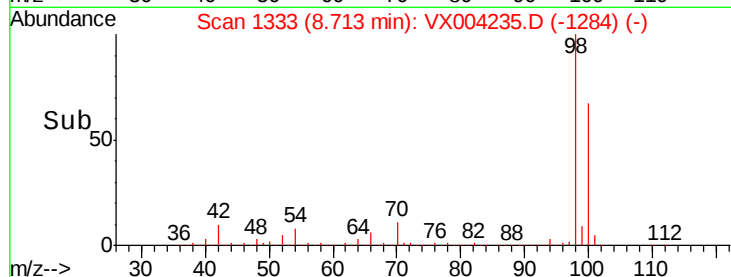
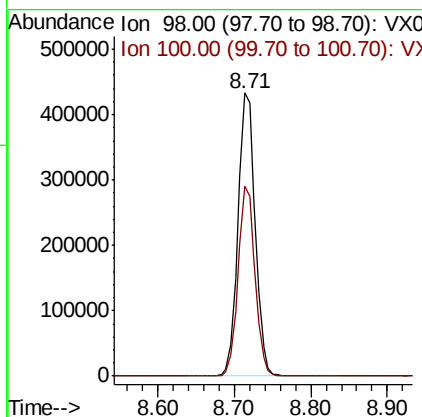
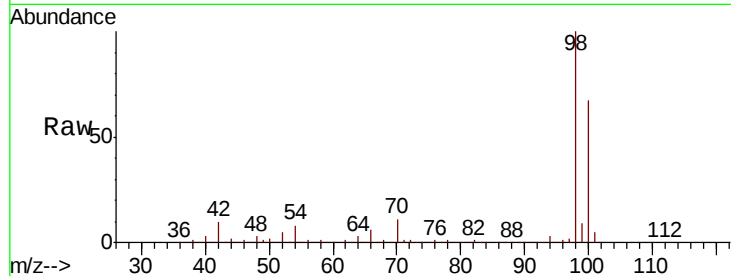
#50
Toluene-d8
Concen: 49.92 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Instrument :
MSVOA_X
ClientSampleID :
FL-0552DL

Tot Ion: 98 Resp: 672557
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

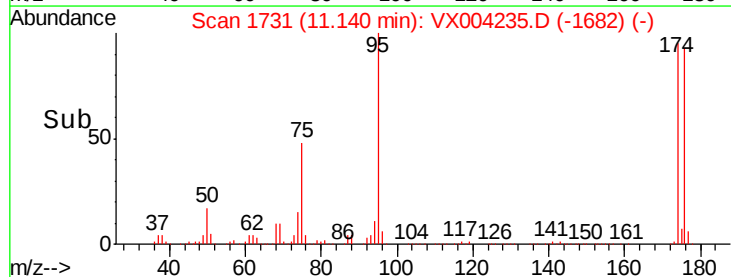
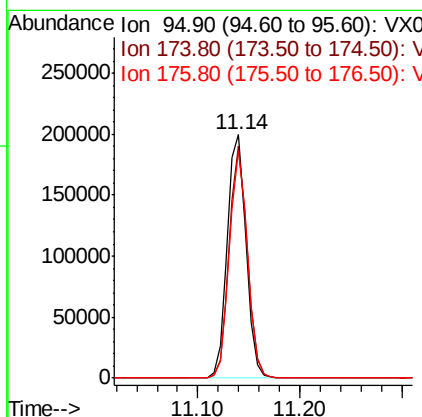
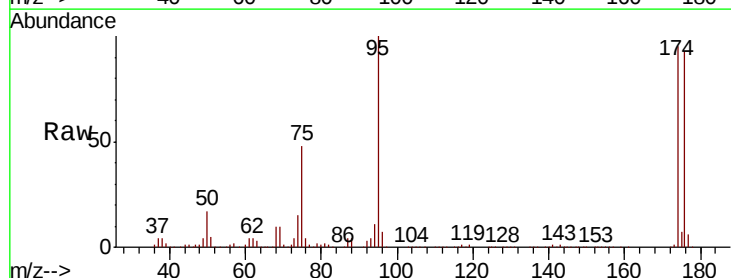
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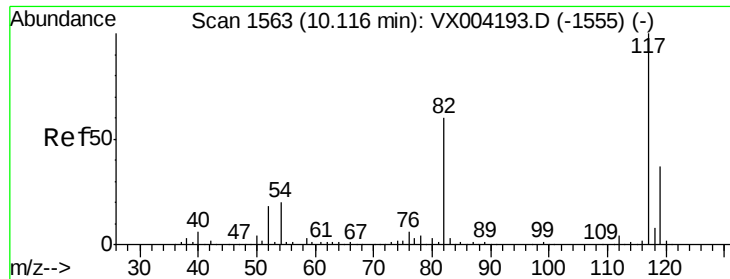
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#62
4-Bromofluorobenzene
Concen: 50.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Tgt Ion: 95 Resp: 252927
Ion Ratio Lower Upper
95 100
174 91.6 0.0 185.2
176 89.7 0.0 178.6





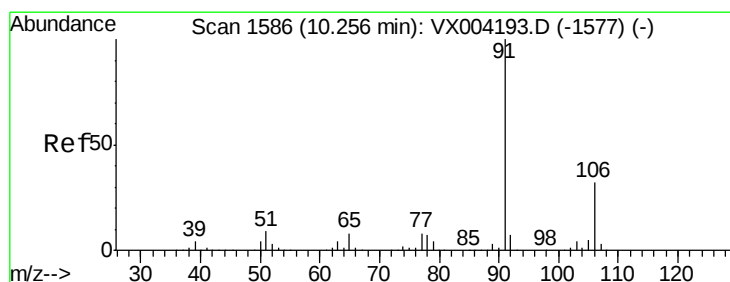
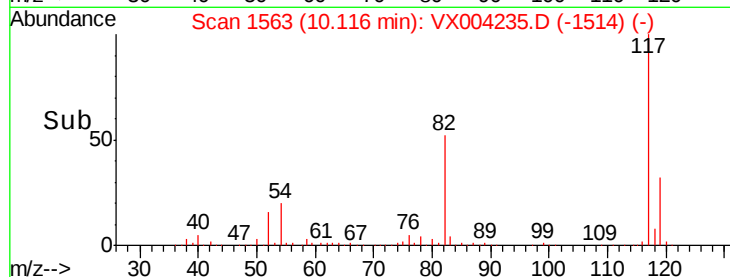
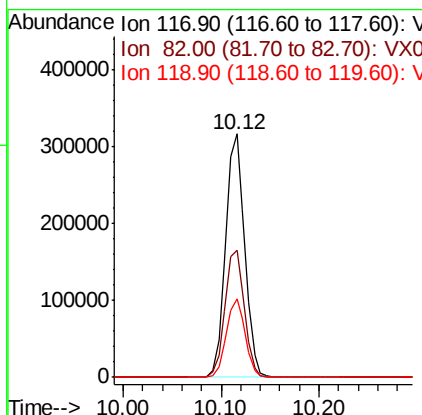
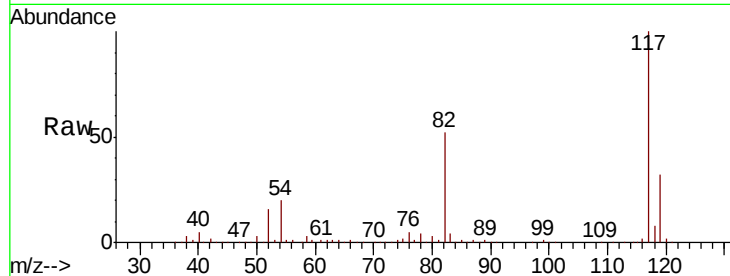
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Instrument :
MSVOA_X
ClientSampled :
FL-0552DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	47.8	71.6
119	32.2	29.3	43.9

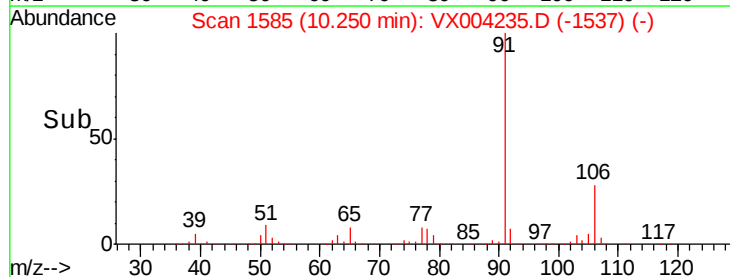
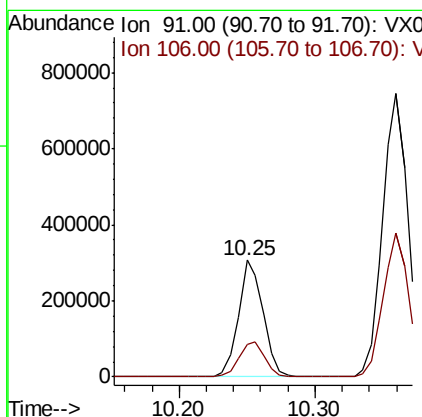
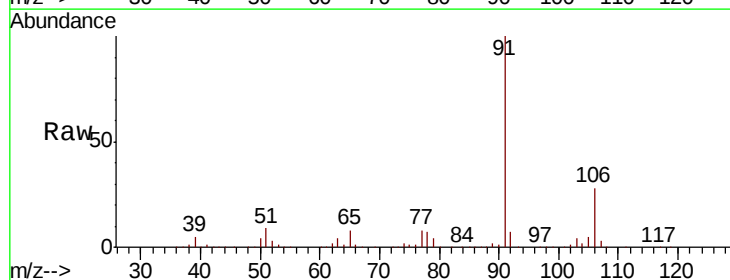
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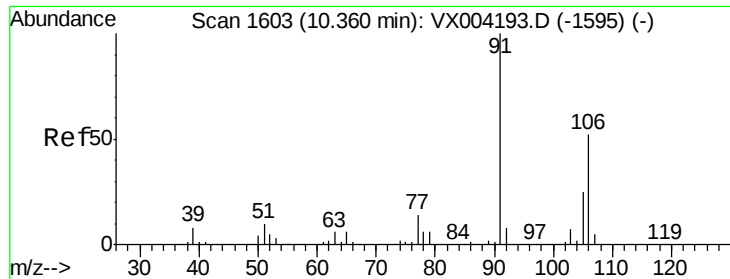
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#67
Ethyl Benzene
Concen: 21.92 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.4	25.9	38.9





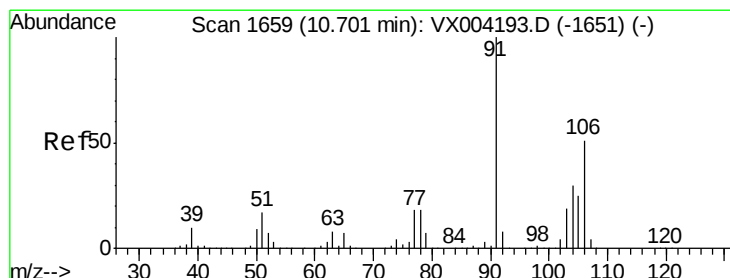
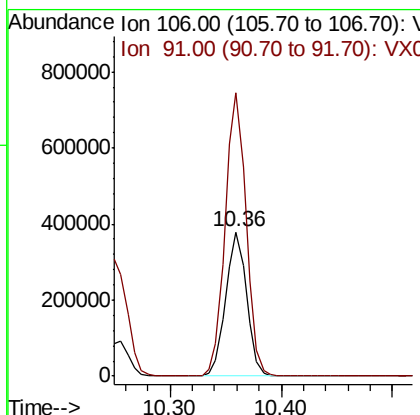
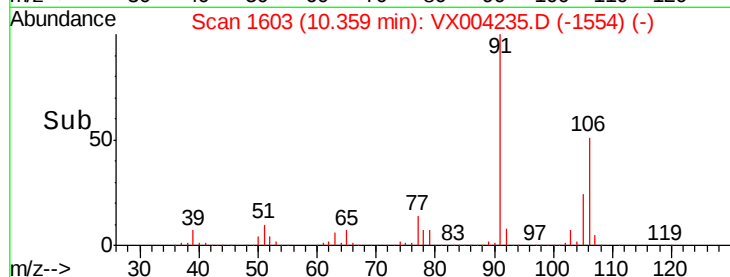
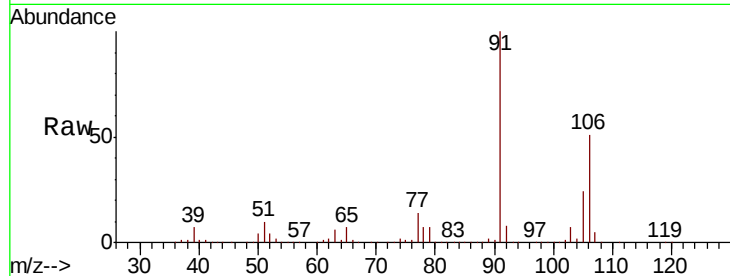
#68
m/p-Xvlenes
Concen: 72.15 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
FL-0552DL

Tot Ion:106 Resp: 491916
Ion Ratio Lower Upper
106 100
91 196.6 157.1 235.7

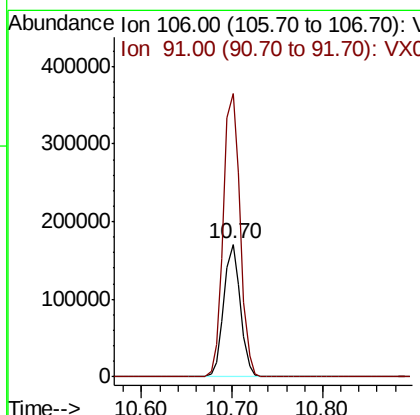
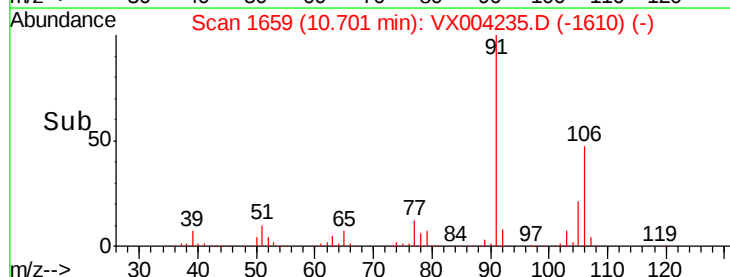
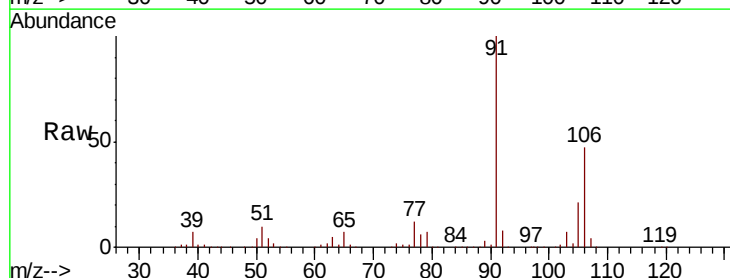
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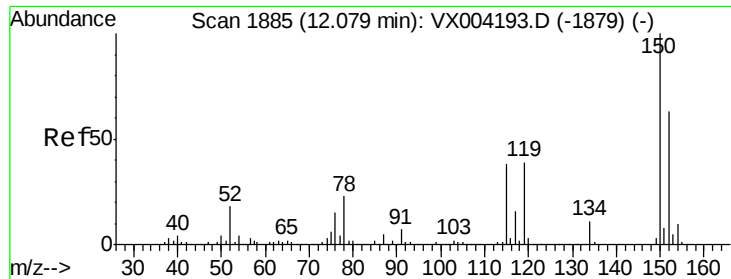
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#69
o-Xylene
Concen: 33.84 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004235.D
Acq: 23 Aug 2018 19:00

Tgt Ion:106 Resp: 218237
Ion Ratio Lower Upper
106 100
91 217.2 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004235.D

Acq: 23 Aug 2018 19:00

Instrument :

MSVOA_X

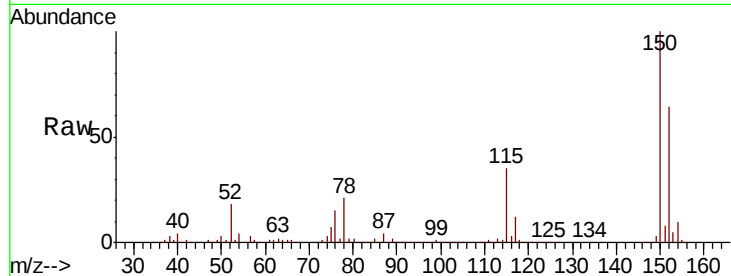
ClientSampleId :

FL-0552DL

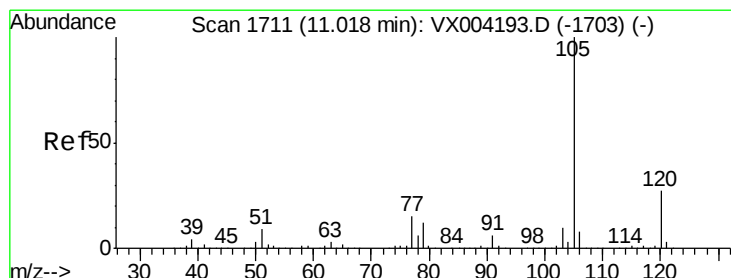
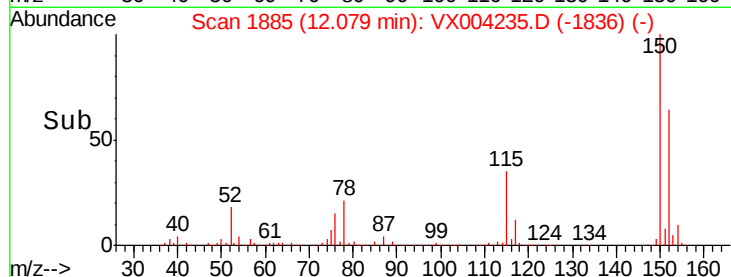
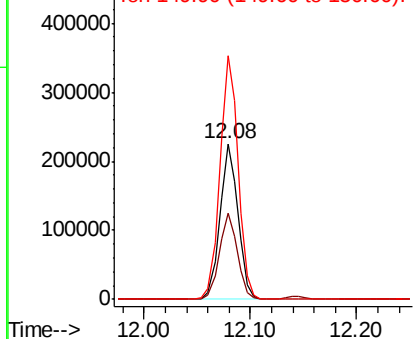
Tot Ion:	152	Resp:	264607
Ion Ratio	Lower	Upper	
152	100		
115	54.7	39.0	117.0
150	158.3	0.0	351.0

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.67 ug/l

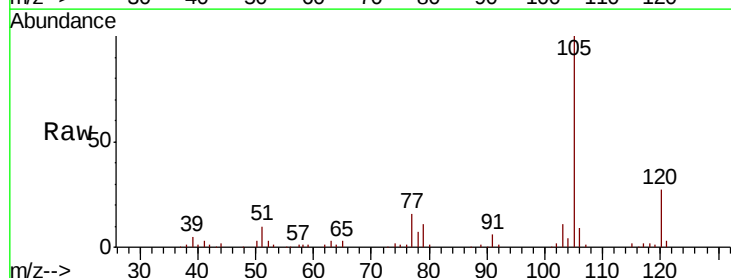
RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

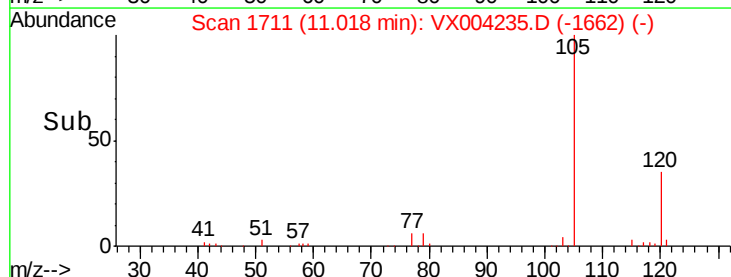
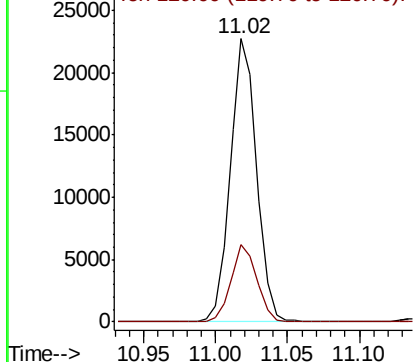
Lab File: VX004235.D

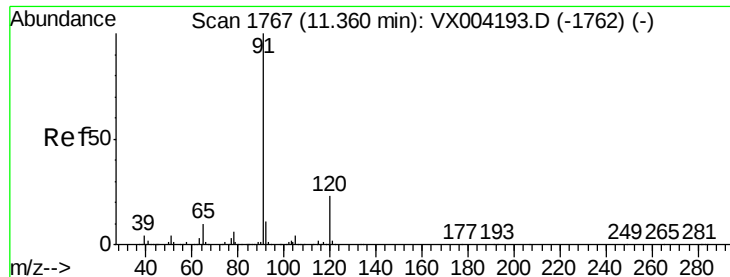
Acq: 23 Aug 2018 19:00

Tgt Ion:	105	Resp:	29052
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.5	40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.42 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004235.D

Acq: 23 Aug 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0552DL

Tot Ion: 91 Resp: 48440

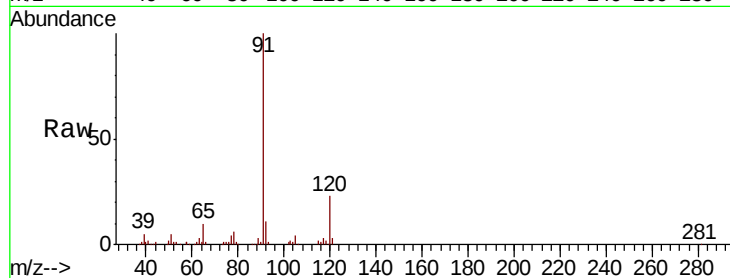
Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.9

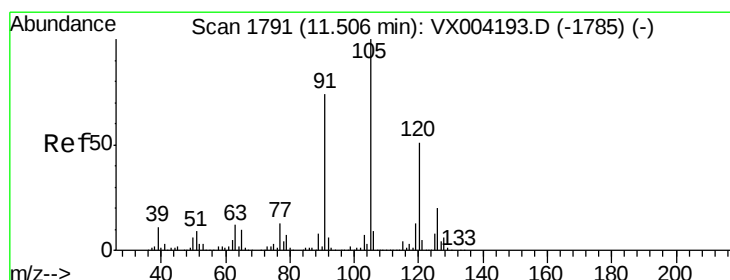
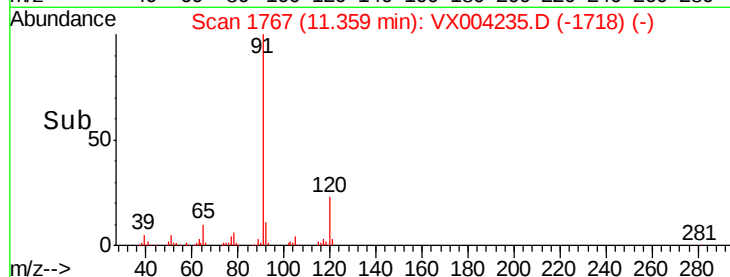
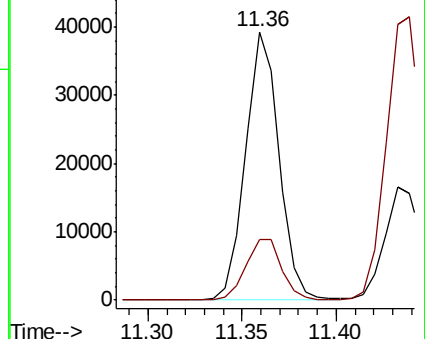
Manual Integrations
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MMDadoda
8/24/2018 11:36:08 AM



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1762) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1762) (-)



#80

1,3,5-Trimethylbenzene

Concen: 6.65 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004235.D

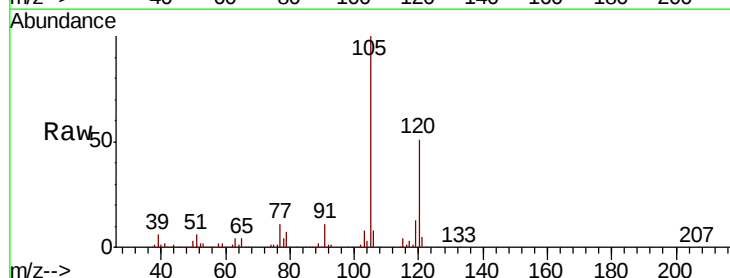
Acq: 23 Aug 2018 19:00

Tgt Ion: 105 Resp: 95743

Ion Ratio Lower Upper

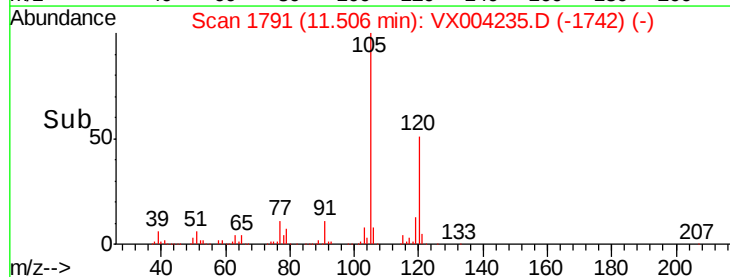
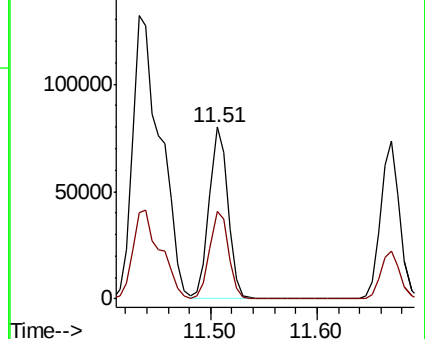
105 100

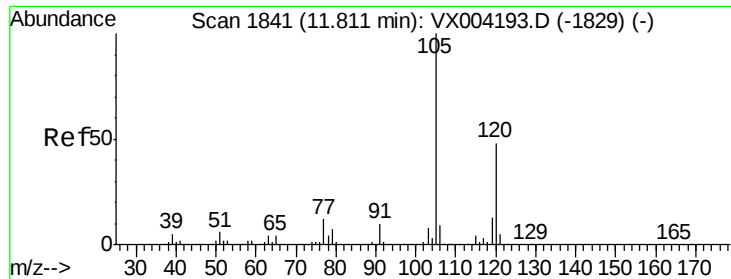
120 51.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)





#84

1,2,4-Trimethylbenzene

Concen: 18.07 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004235.D

Acq: 23 Aug 2018 19:00

Instrument :

MSVOA_X

ClientSampled :

FL-0552DL

Tot Ion:105 Resp: 266918

Ion Ratio Lower Upper

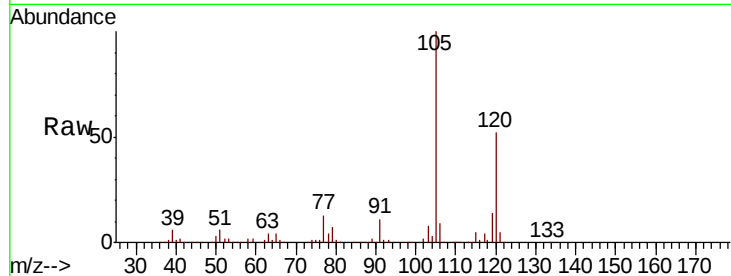
105 100

120 48.7 23.2 69.6

Manual Integrations
APPROVED

MMDadoda

8/24/2018 11:36:08 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

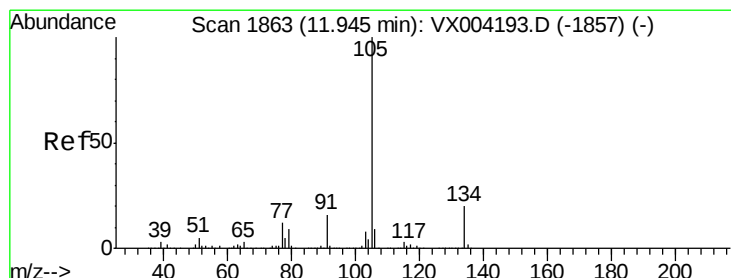
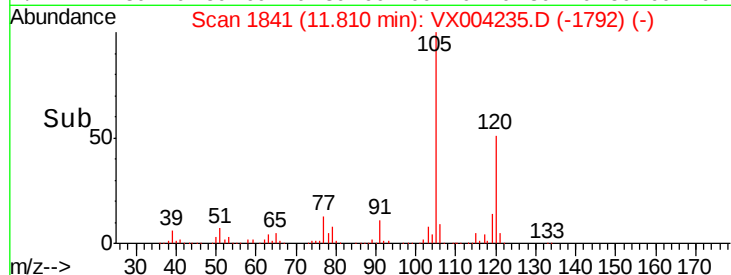
0

11.70

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 0.34 ug/l m

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004235.D

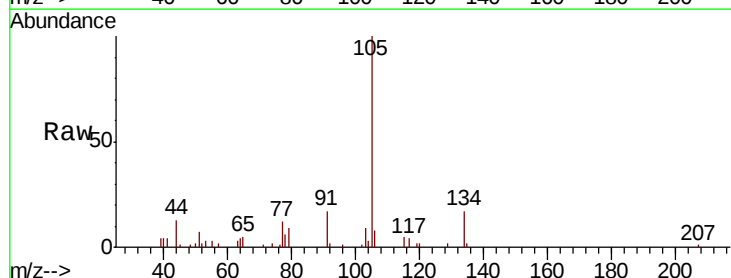
Acq: 23 Aug 2018 19:00

Tgt Ion:105 Resp: 5840

Ion Ratio Lower Upper

105 100

134 4.6 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

5000

4000

3000

2000

1000

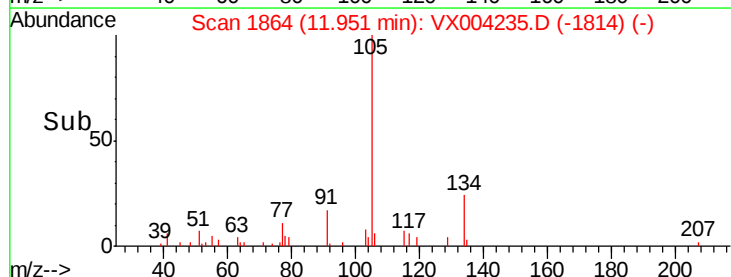
0

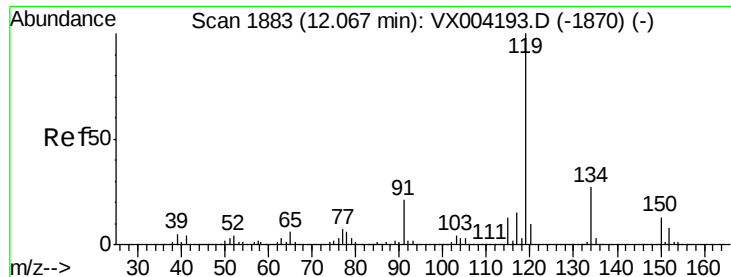
11.90

11.95

12.00

Time-->





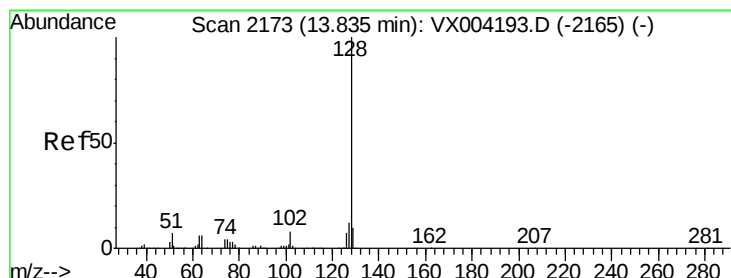
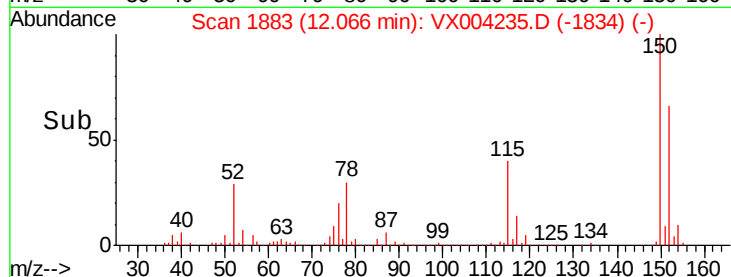
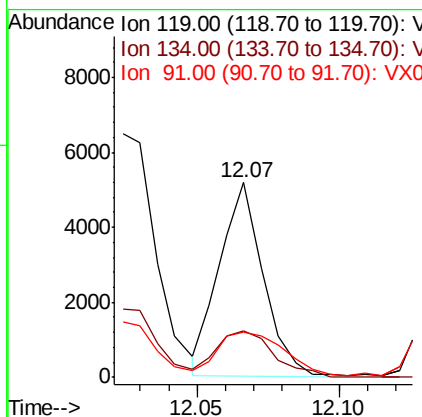
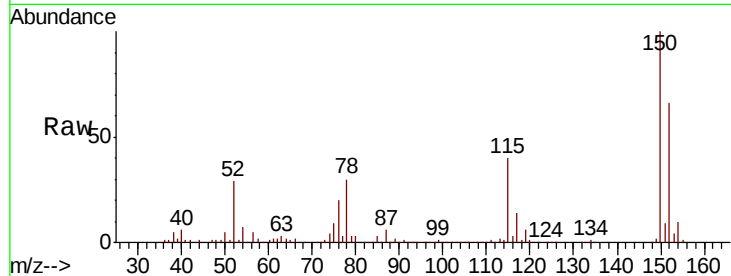
#86
 p-Isopropyltoluene
 Concen: 0.36 ug/l m
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004235.D
 Acq: 23 Aug 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0552DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	40.6	13.4	40.2#
91	35.4	10.9	32.7#

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 11:36:08 AM



#95
 Naphthalene
 Concen: 10.64 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VX004235.D
 Acq: 23 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.9	8.6	12.8

