

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003892.D
 Acq On : 07 Aug 2018 20:32
 Operator : JC/MD
 Sample : J4344-13DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0532DL

Quant Time: Aug 08 09:34:33 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	314537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	479374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	458641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247926	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	207515	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	5.51	113	174878	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
50) Toluene-d8	8.72	98	687208	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	249510	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	

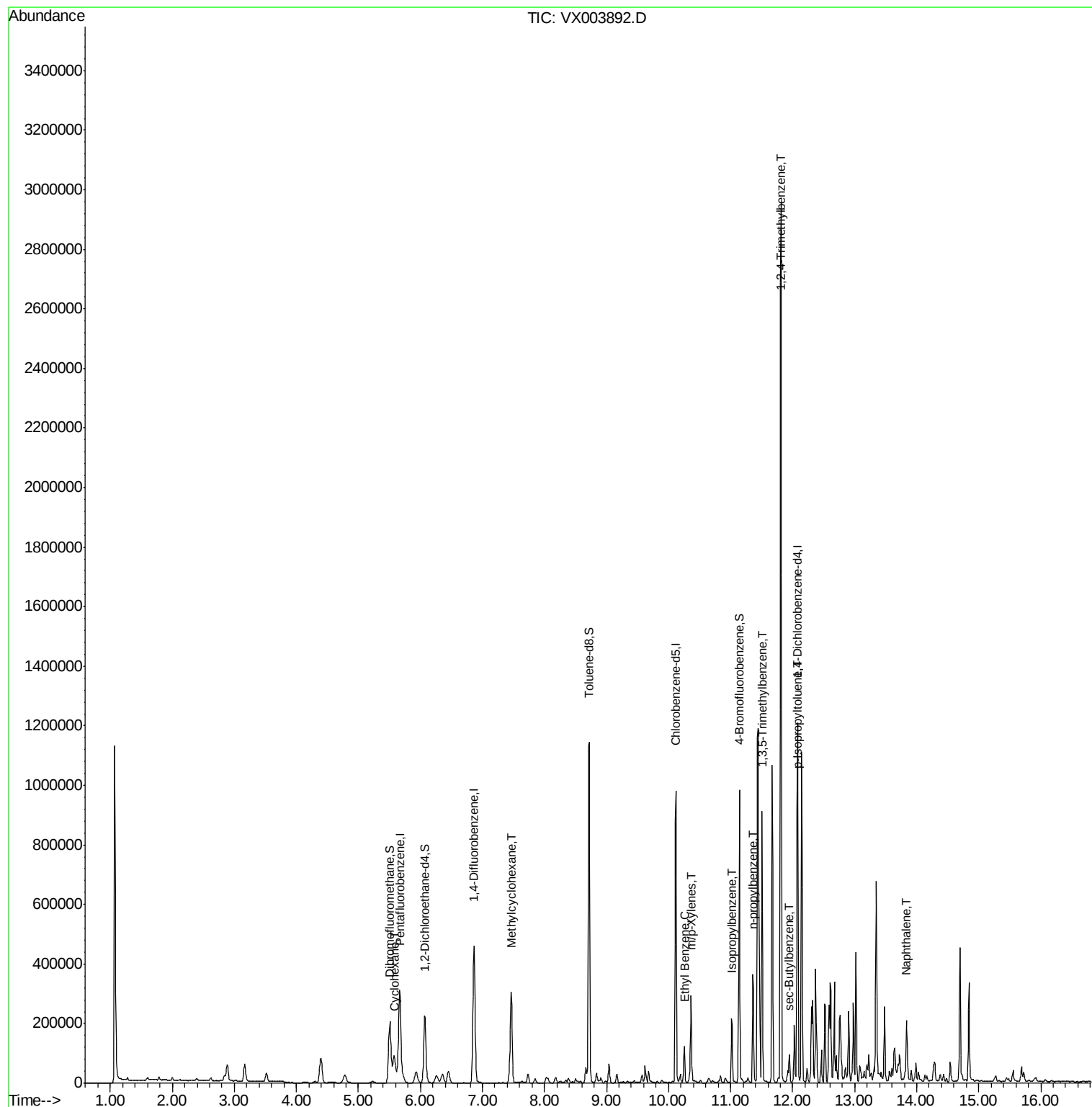
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	60328	10.04	ug/l	98
39) Methylcyclohexane	7.46	83	133161	21.04	ug/l	98
67) Ethyl Benzene	10.26	91	70506	3.61	ug/l	100
68) m/p-Xylenes	10.36	106	66129	8.66	ug/l	96
73) Isopropylbenzene	11.02	105	109274	5.96	ug/l	98
78) n-propylbenzene	11.36	91	217955	10.58	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	396741	26.53	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1271671	84.57	ug/l	99
85) sec-Butylbenzene	11.94	105	49815	2.87	ug/l	82
86) p-Isopropyltoluene	12.07	119	49832	3.20	ug/l	97
95) Naphthalene	13.83	128	127474	6.90	ug/l	98

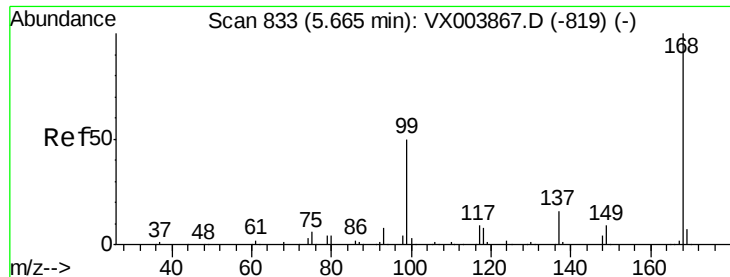
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080718\
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Quant Time: Aug 08 09:34:33 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: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

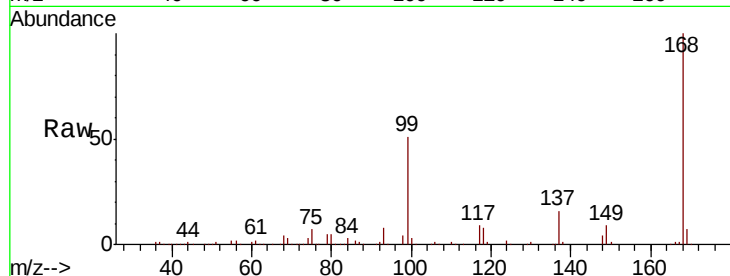
FL-0532DL

Tot Ion:168 Resp: 314537

Ion Ratio Lower Upper

168 100

99 51.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

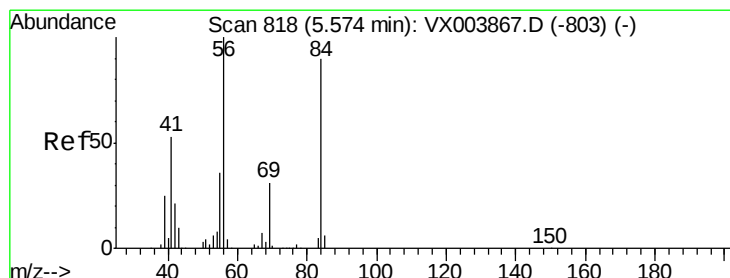
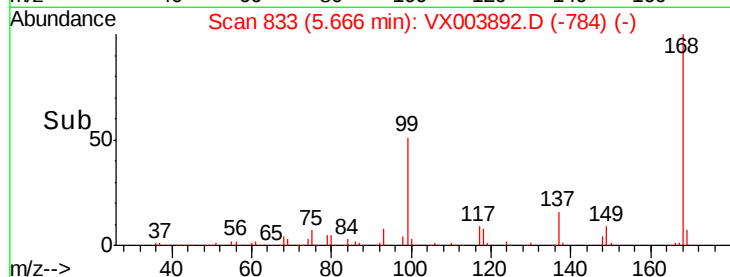
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 10.04 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

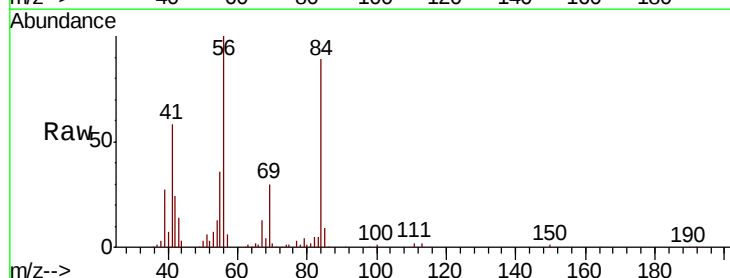
Tgt Ion: 56 Resp: 60328

Ion Ratio Lower Upper

56 100

69 29.3 24.9 37.3

84 88.7 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

25000

20000

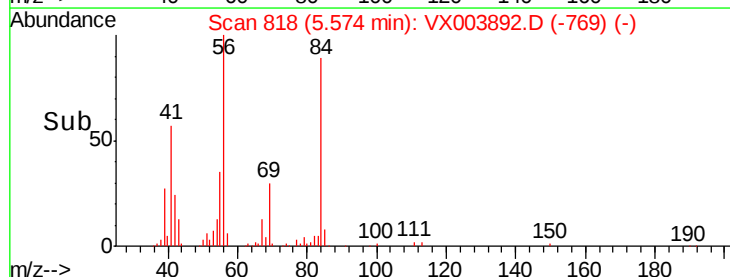
15000

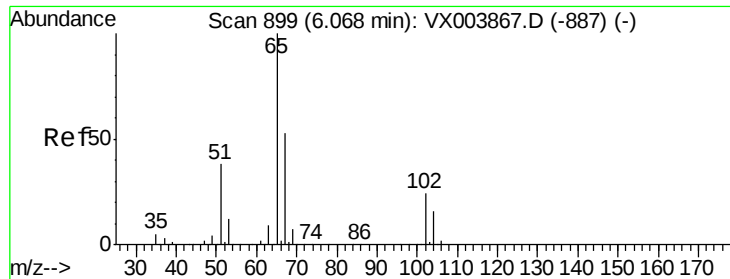
10000

5000

0

Time--> 5.50 5.55 5.60 5.65 5.70

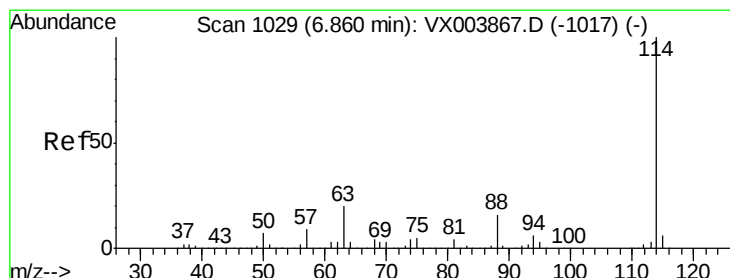
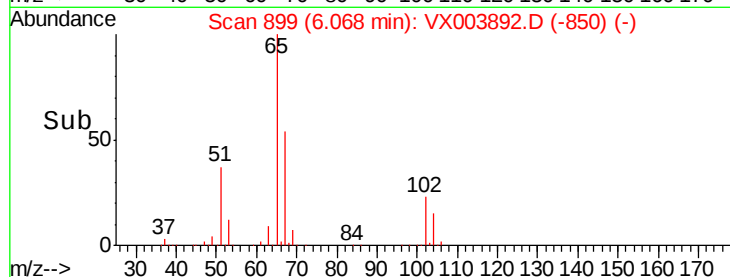
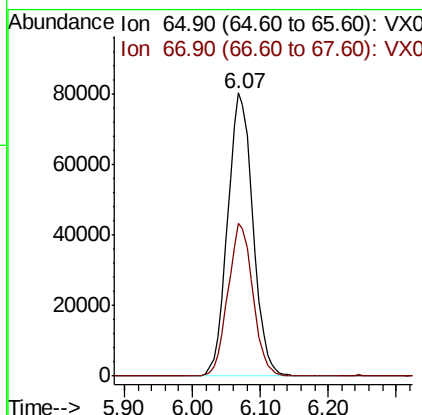
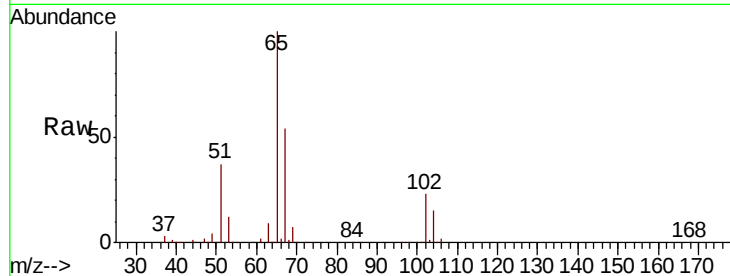




#33
 1,2-Dichloroethane-d4
 Concen: 49.77 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

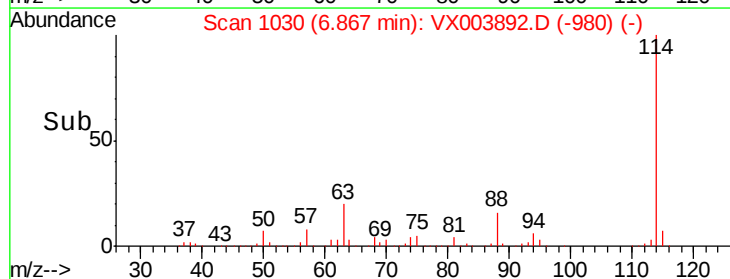
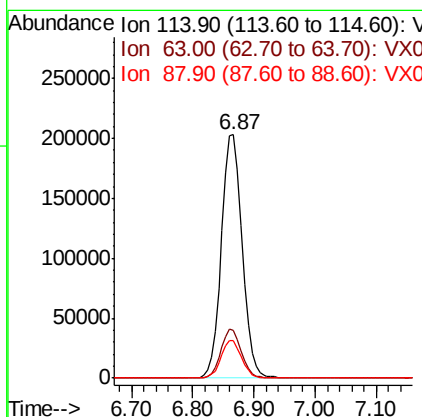
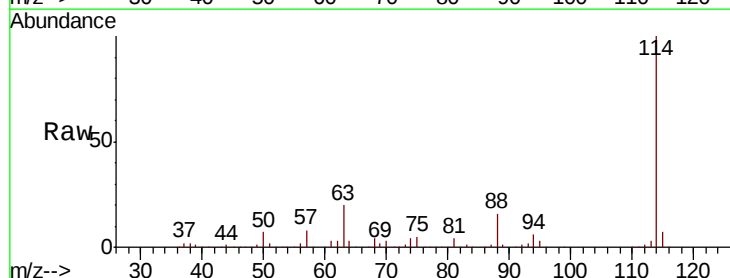
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0532DL

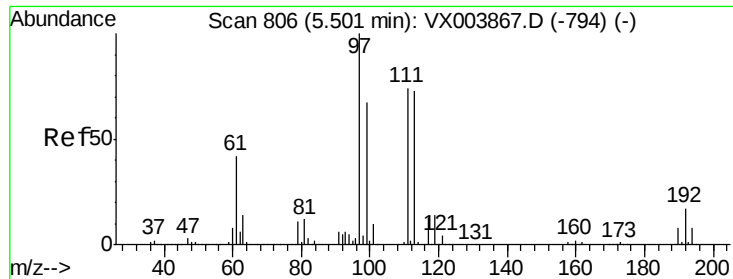
Tot Ion: 65 Resp: 207515
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion: 114 Resp: 479374
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.6 0.0 32.0

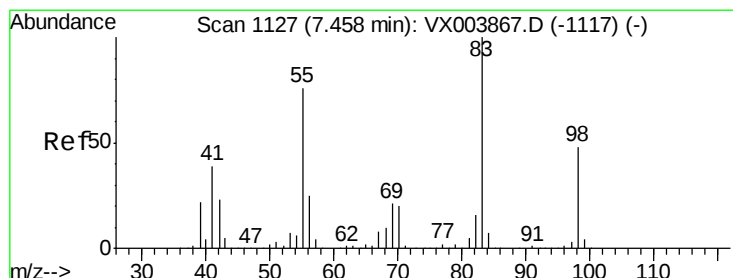
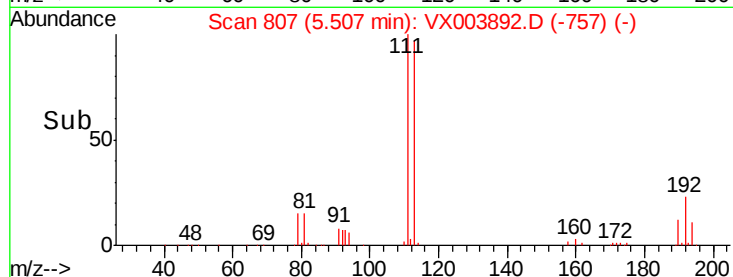
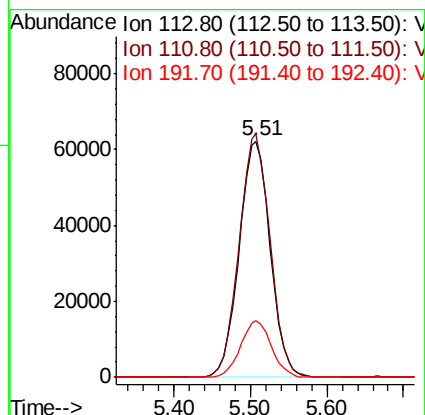
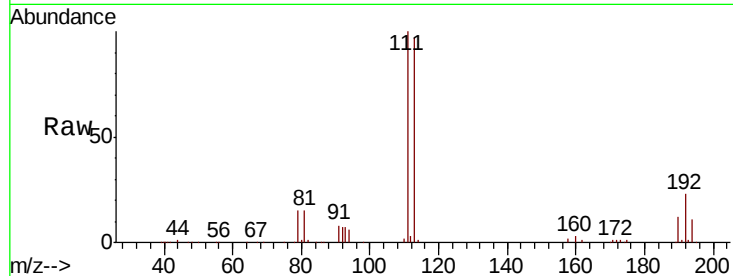




#35
 Dibromofluoromethane
 Concen: 48.15 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

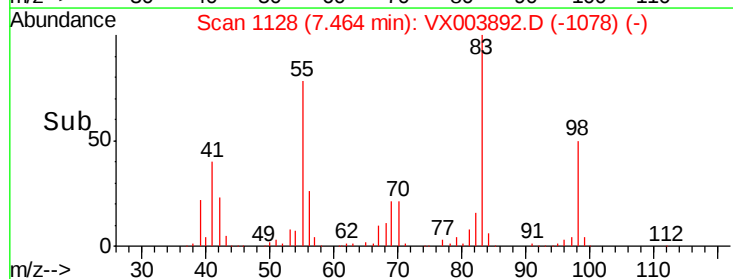
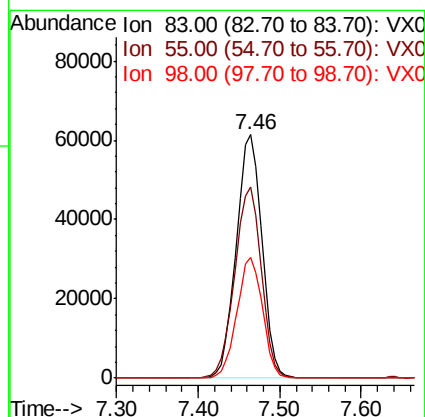
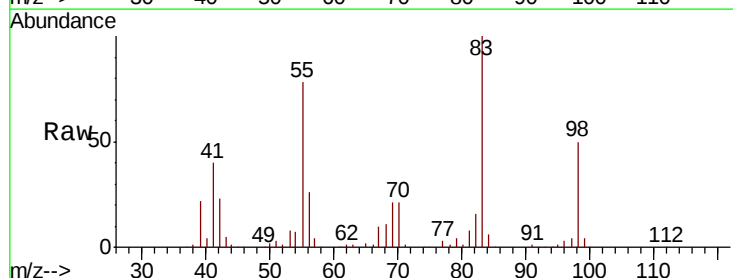
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0532DL

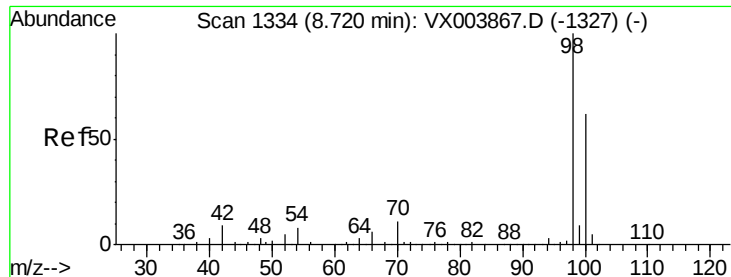
Tot Ion:113 Resp: 174878
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 23.8 19.0 28.4



#39
 Methylcyclohexane
 Concen: 21.04 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion: 83 Resp: 133161
 Ion Ratio Lower Upper
 83 100
 55 78.3 61.0 91.6
 98 49.6 38.6 57.8





#50

Toluene-d8

Concen: 48.66 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

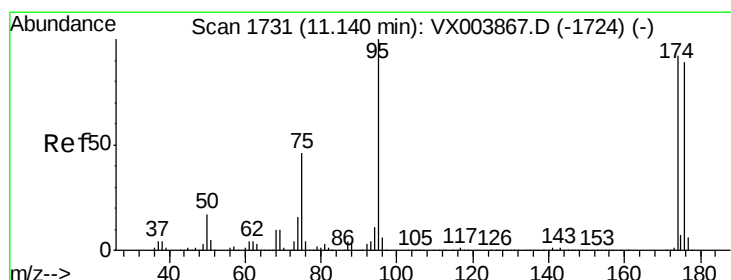
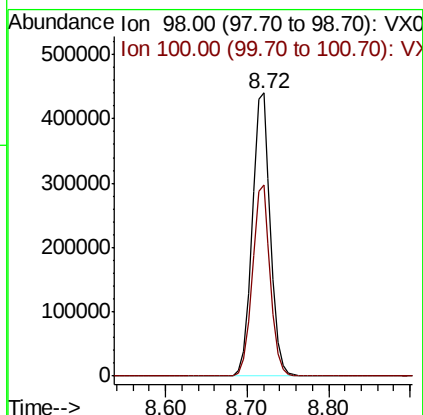
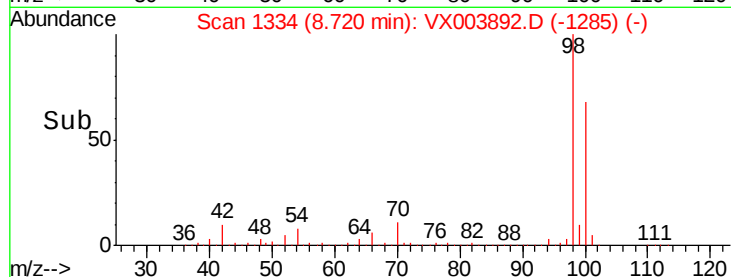
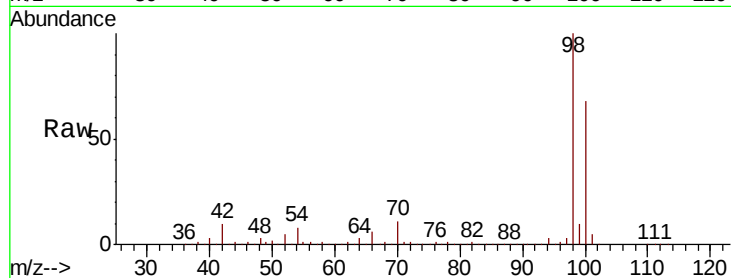
FL-0532DL

Tot Ion: 98 Resp: 687208

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 54.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

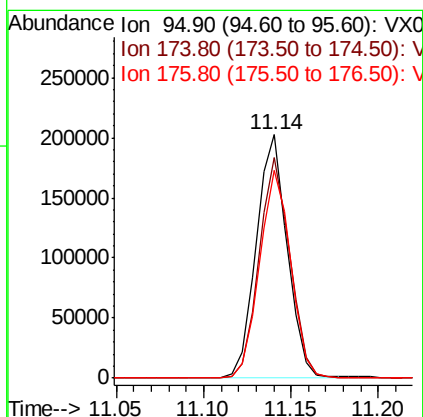
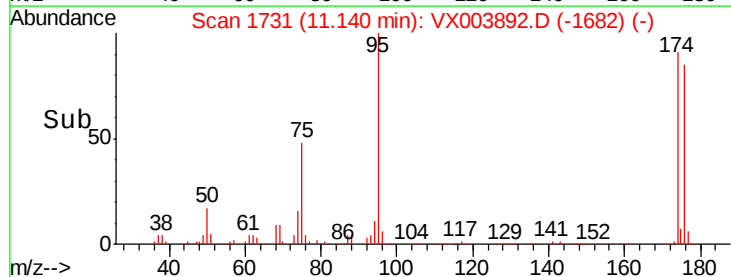
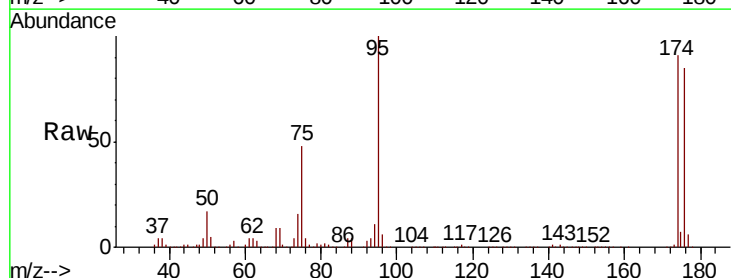
Tgt Ion: 95 Resp: 249510

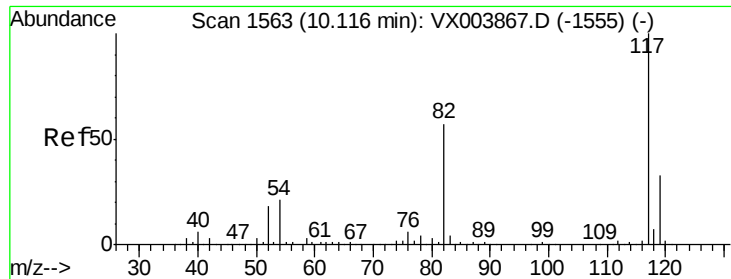
Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.8

176 85.9 0.0 179.0

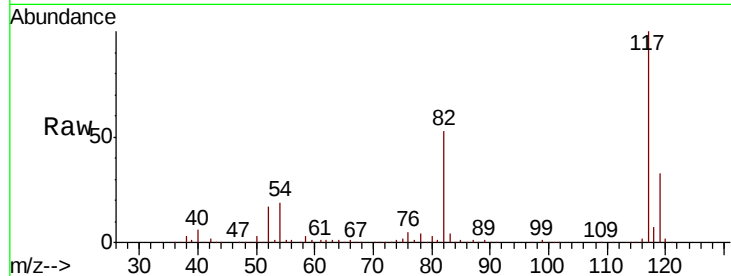




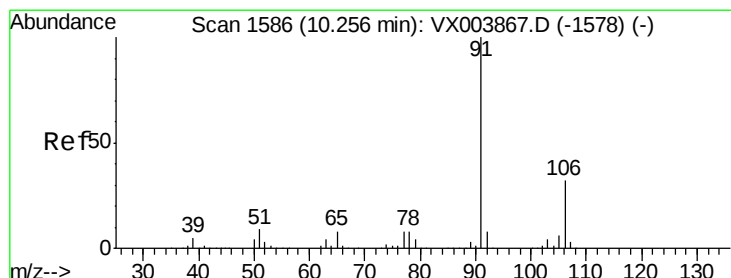
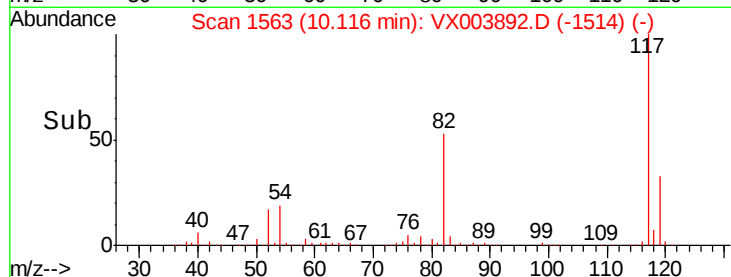
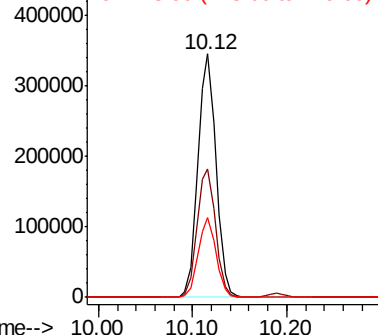
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Instrument :
MSVOA_X
ClientSampled :
FL-0532DL

Tot Ion:117 Resp: 458641
Ion Ratio Lower Upper
117 100
82 52.5 45.4 68.0
119 32.7 26.6 40.0

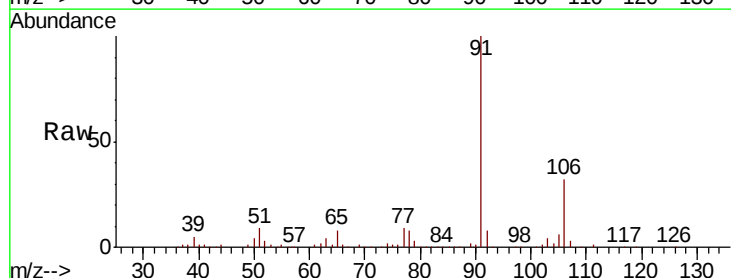


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

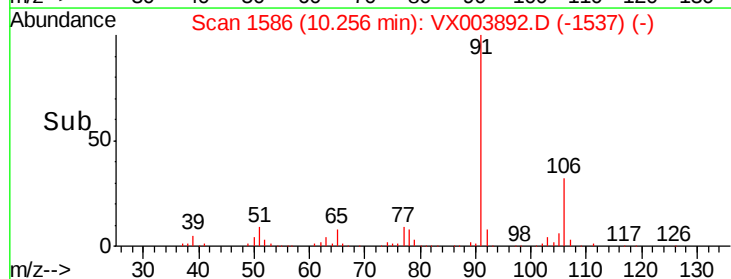
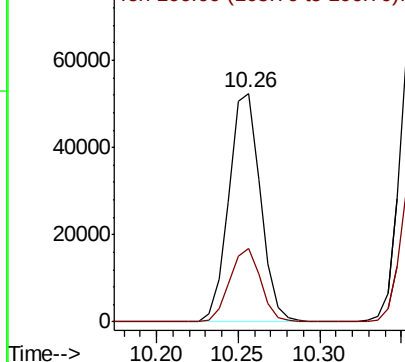


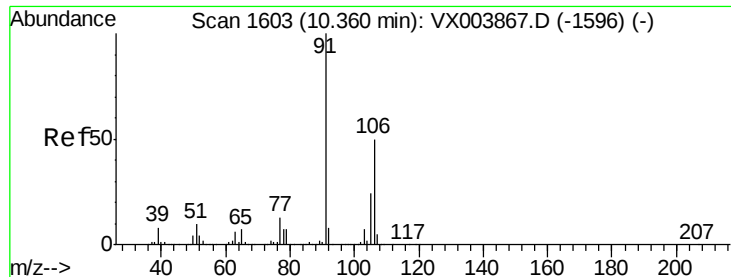
#67
Ethyl Benzene
Concen: 3.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Tgt Ion: 91 Resp: 70506
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 8.66 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

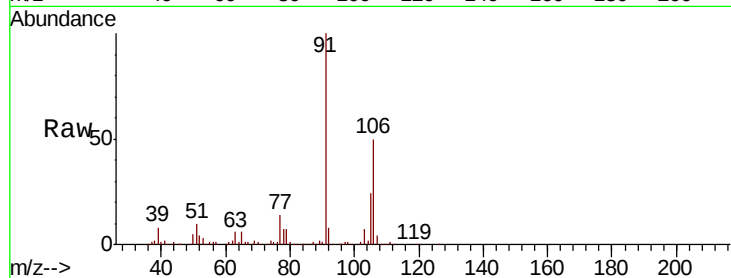
FL-0532DL

Tot Ion:106 Resp: 66129

Ion Ratio Lower Upper

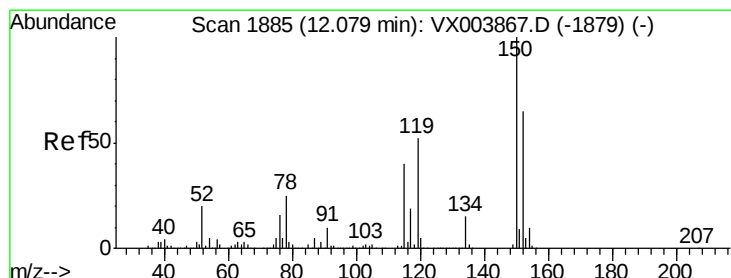
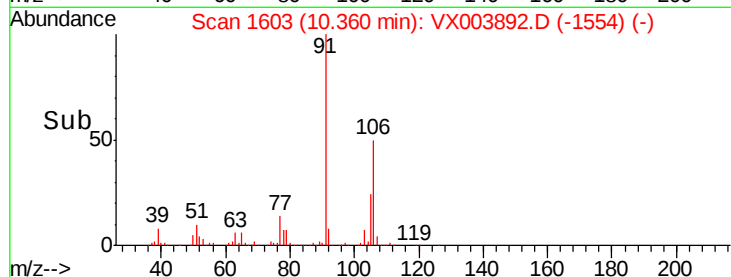
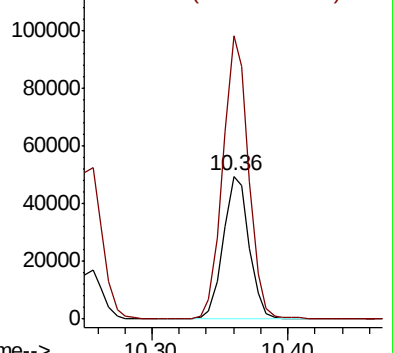
106 100

91 196.5 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

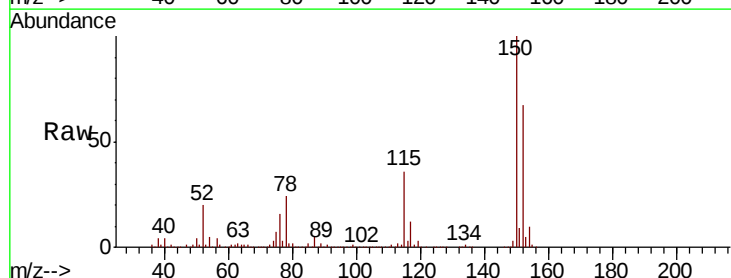
Tgt Ion:152 Resp: 247926

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

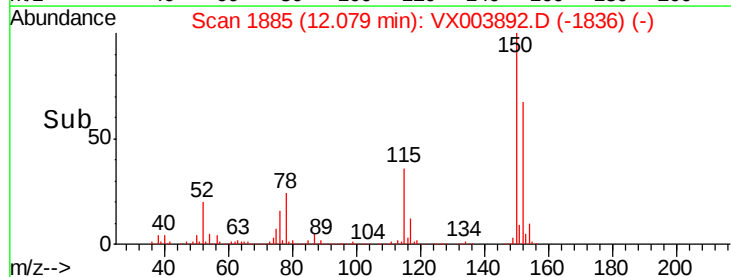
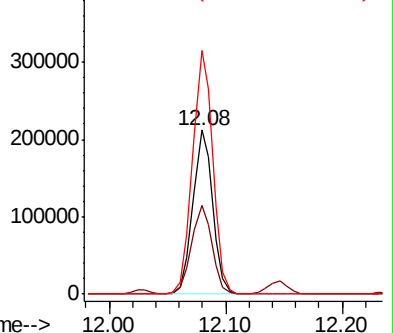
150 152.3 0.0 349.2

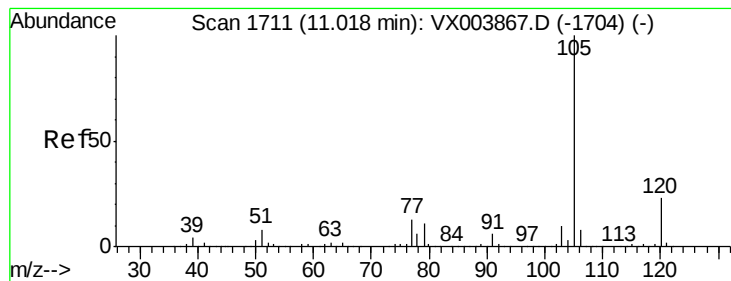


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.96 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleID :

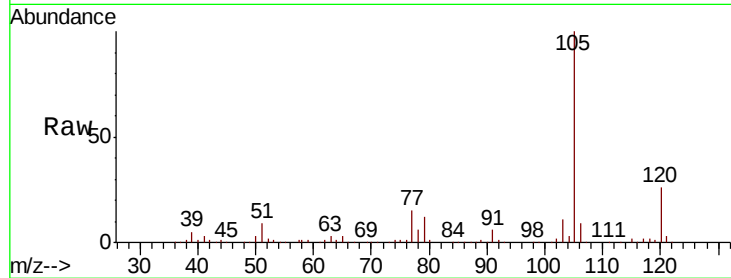
FL-0532DL

Tot Ion:105 Resp: 109274

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

80000

60000

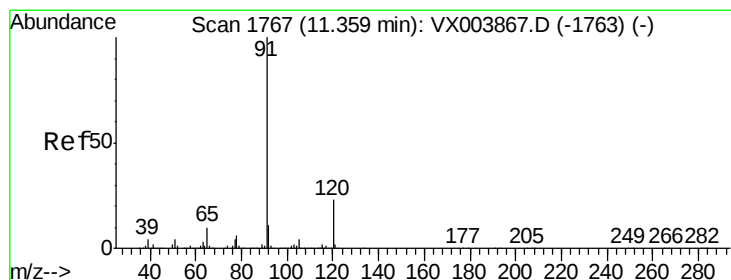
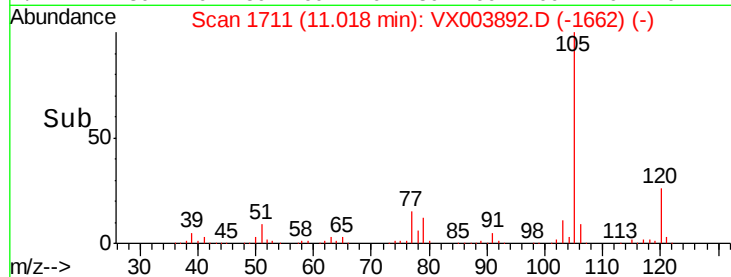
40000

20000

0

11.00 11.10

Time-->



#78

n-propylbenzene

Concen: 10.58 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003892.D

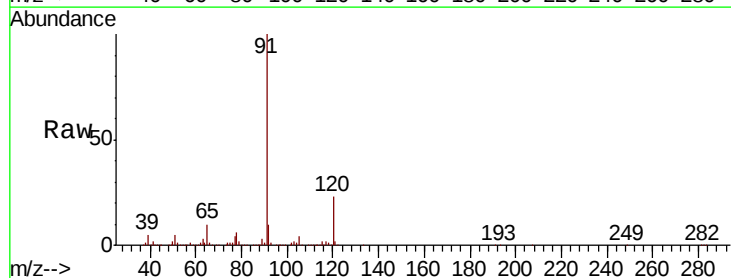
Acq: 07 Aug 2018 20:32

Tgt Ion: 91 Resp: 217955

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

200000

150000

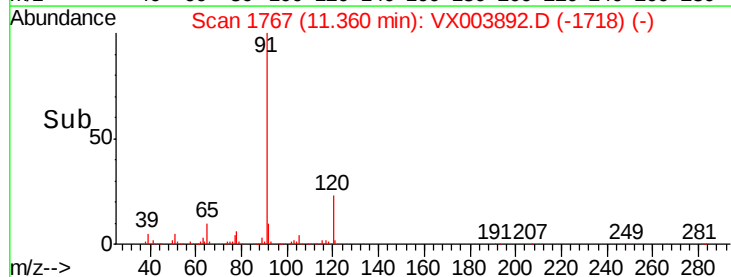
100000

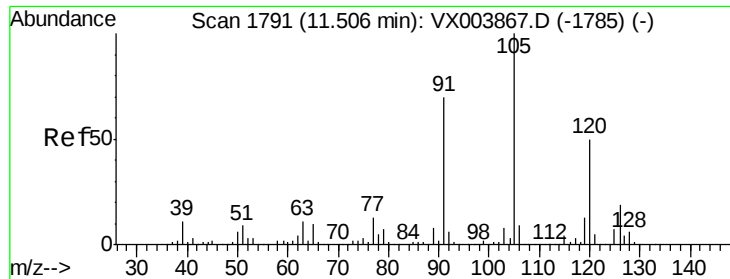
50000

0

11.30 11.35 11.40

Time-->

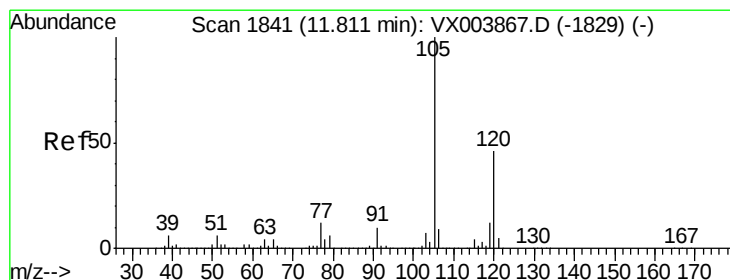
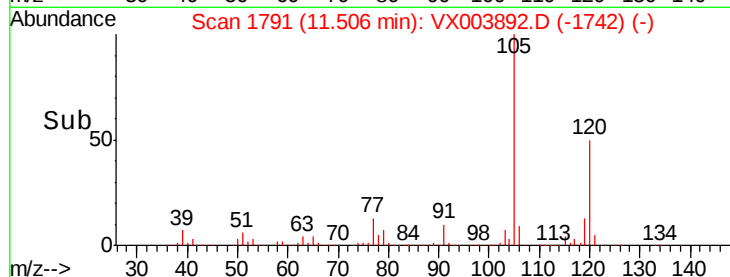
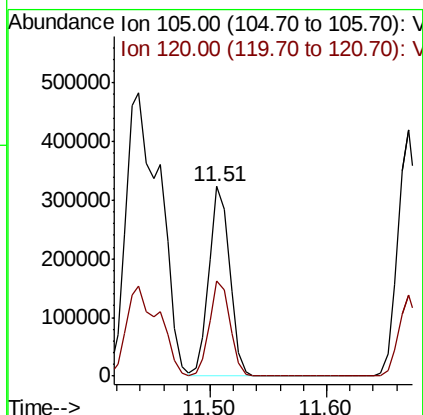
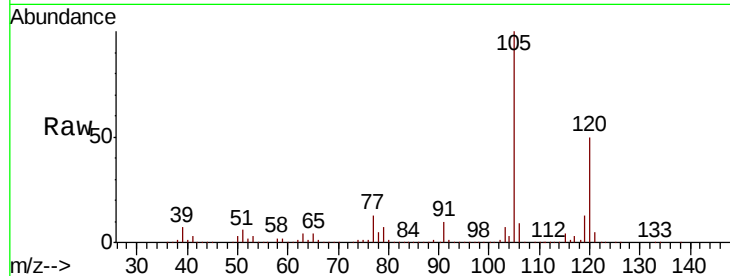




#80
 1,3,5-Trimethylbenzene
 Concen: 26.53 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

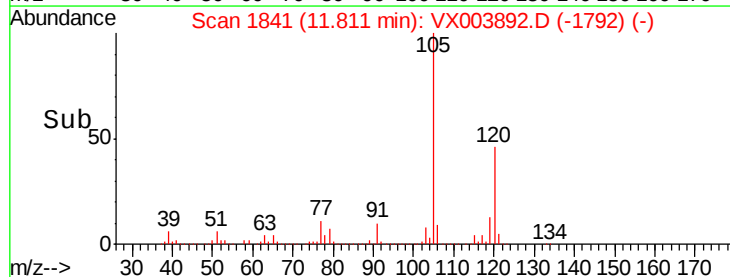
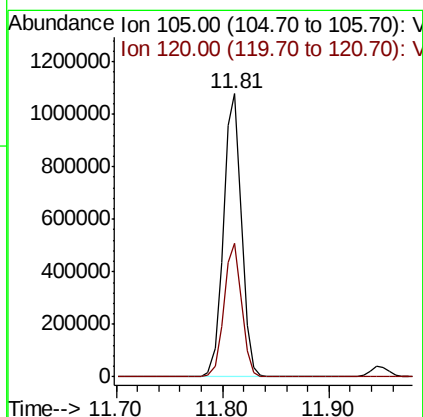
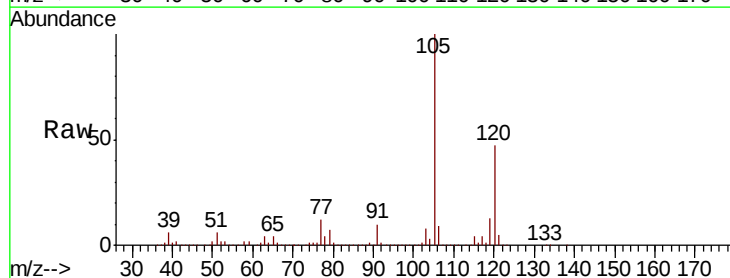
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0532DL

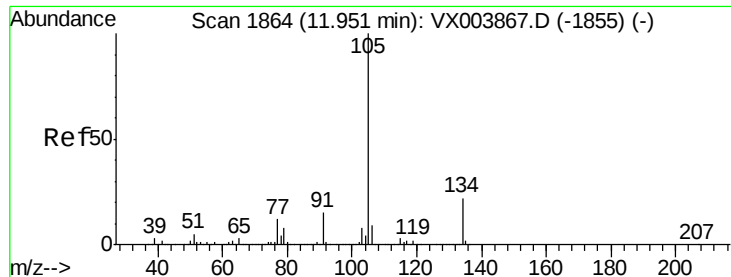
Tot Ion:105 Resp: 396741
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.4 76.2



#84
 1,2,4-Trimethylbenzene
 Concen: 84.57 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion:105 Resp: 1271671
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2

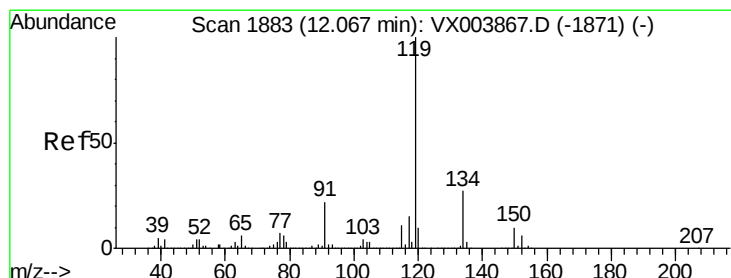
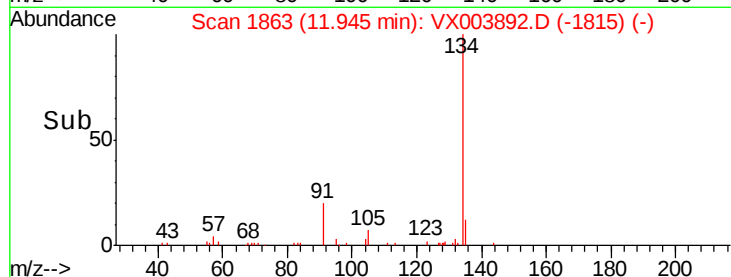
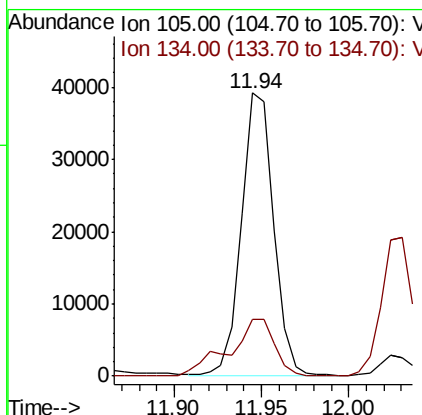
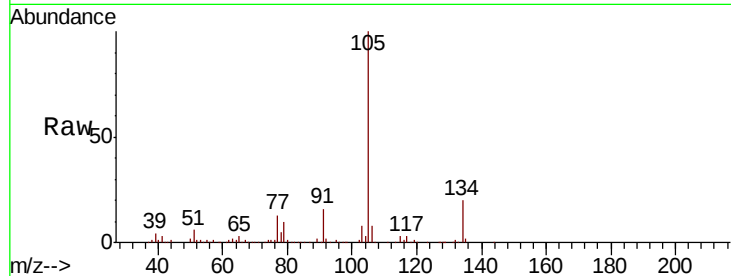




#85
 sec-Butylbenzene
 Concen: 2.87 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

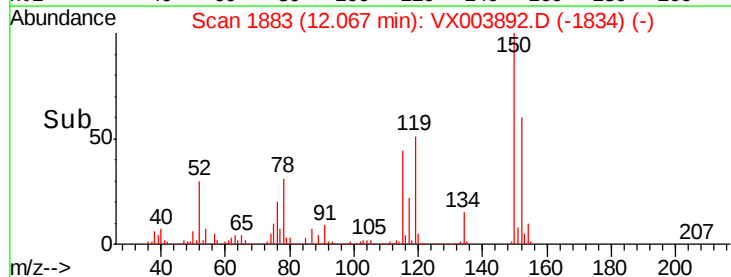
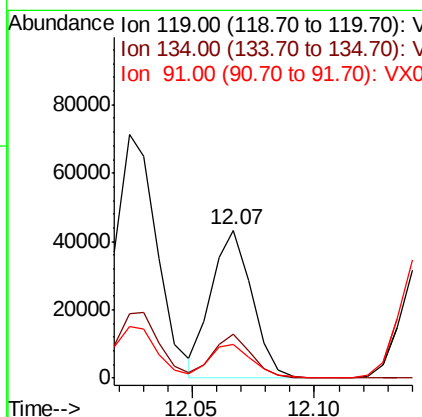
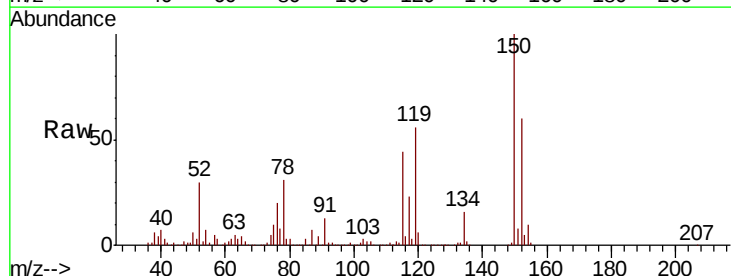
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0532DL

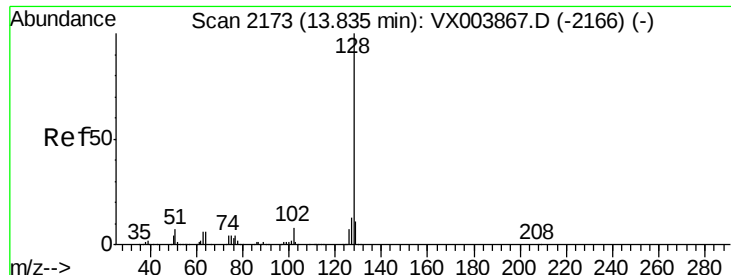
Tot Ion:105 Resp: 49815
 Ion Ratio Lower Upper
 105 100
 134 28.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 3.20 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion:119 Resp: 49832
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 23.5 10.9 32.7





#95

Naphthalene

Concen: 6.90 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0532DL

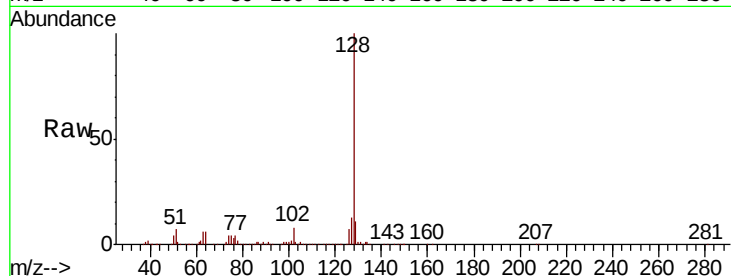
Tot Ion:128 Resp: 127474

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 12.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

