

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003968.D
 Acq On : 10 Aug 2018 11:25
 Operator : JC/MD
 Sample : J4387-09DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0559DL

Quant Time: Aug 13 10:43:08 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	326612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	504470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	461762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	263664	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	221724	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	189022	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	715108	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.14	95	258704	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	

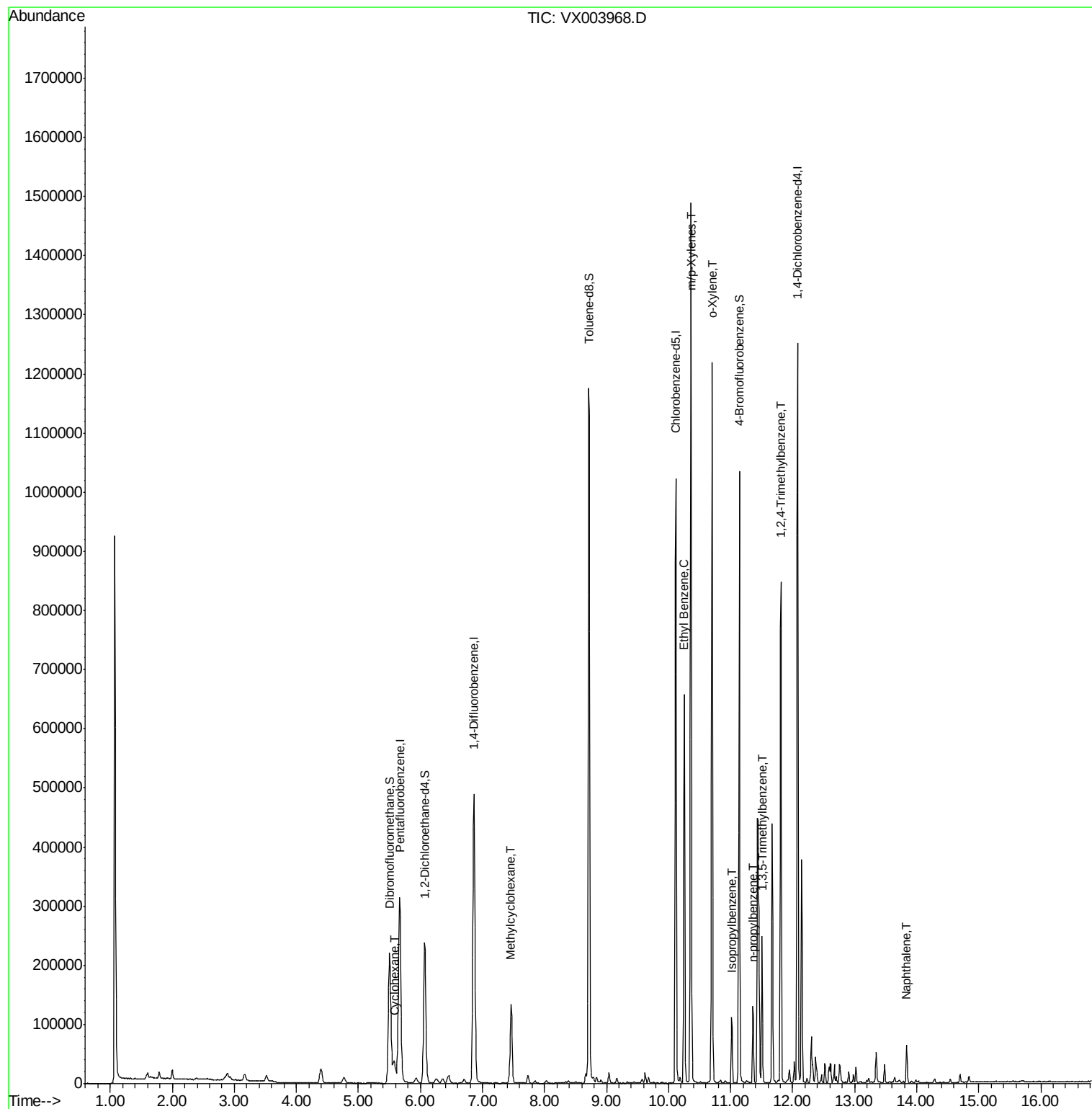
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	23418	3.75	ug/l	93
39) Methylcyclohexane	7.46	83	57422	8.62	ug/l	96
67) Ethyl Benzene	10.25	91	387102	19.68	ug/l	97
68) m/p-Xylenes	10.36	106	340648	44.32	ug/l	99
69) o-Xylene	10.70	106	261151	36.00	ug/l	94
73) Isopropylbenzene	11.02	105	56378	2.89	ug/l	96
78) n-propylbenzene	11.36	91	76650	3.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	105043	6.60	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	370265	23.15	ug/l	99
95) Naphthalene	13.83	128	42575	2.17	ug/l	100

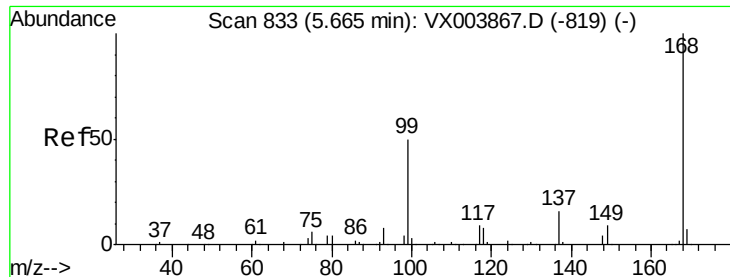
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

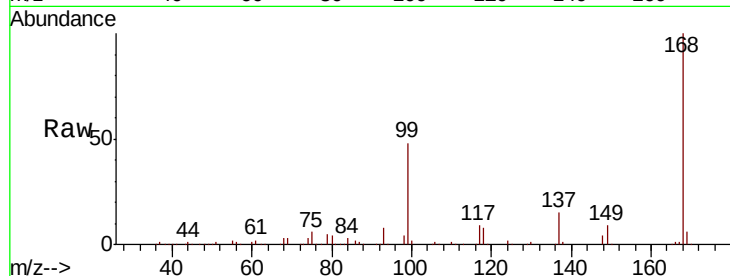
FL-0559DL

Tot Ion:168 Resp: 326612

Ion Ratio Lower Upper

168 100

99 48.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

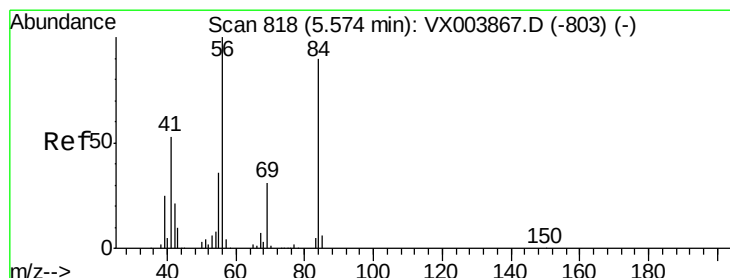
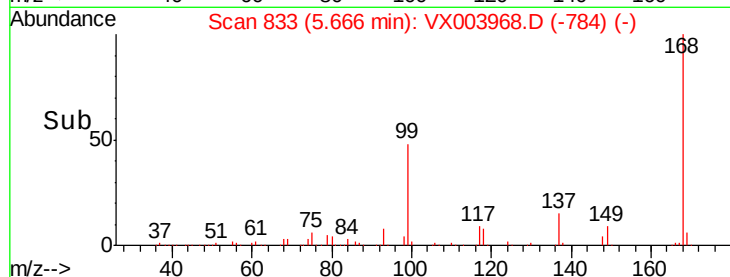
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 3.75 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

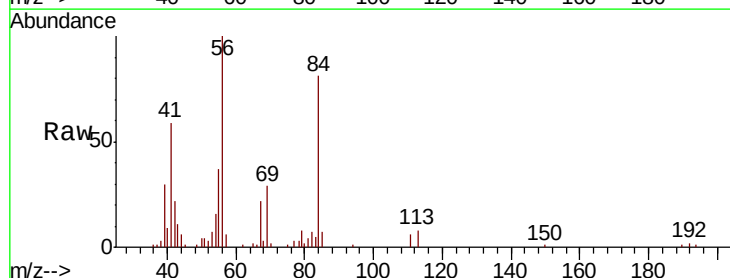
Tgt Ion: 56 Resp: 23418

Ion Ratio Lower Upper

56 100

69 29.4 24.9 37.3

84 81.1 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

10000

8000

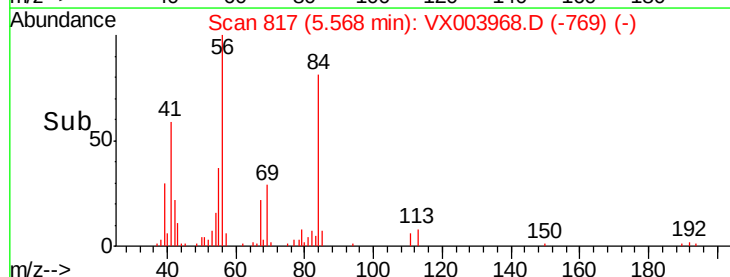
6000

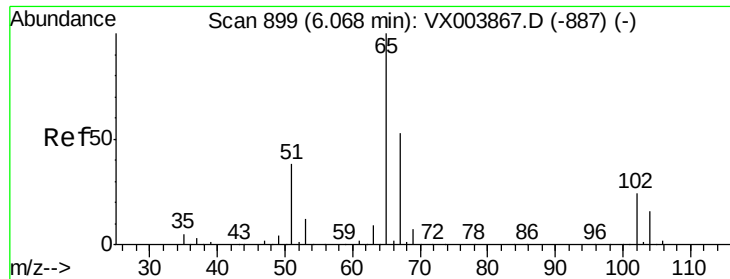
4000

2000

0

Time--> 5.45 5.50 5.55 5.60 5.65

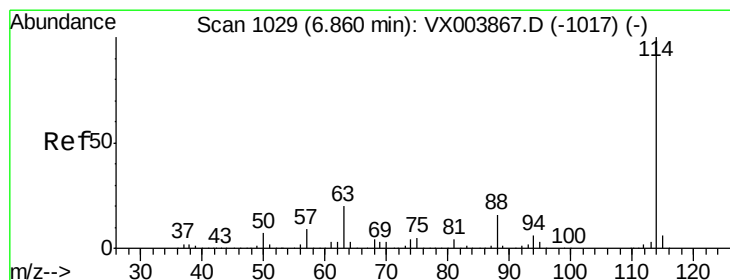
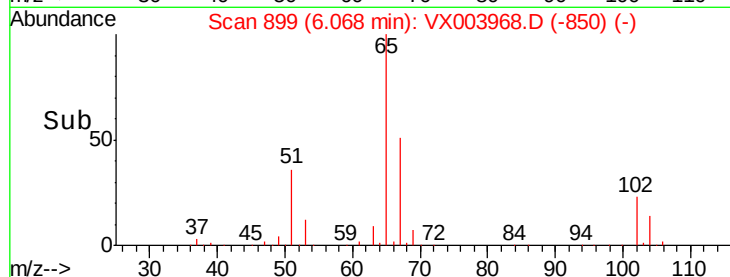
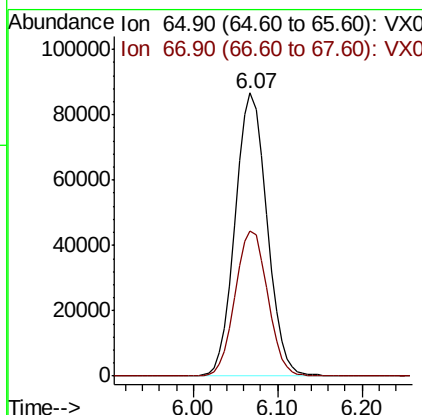
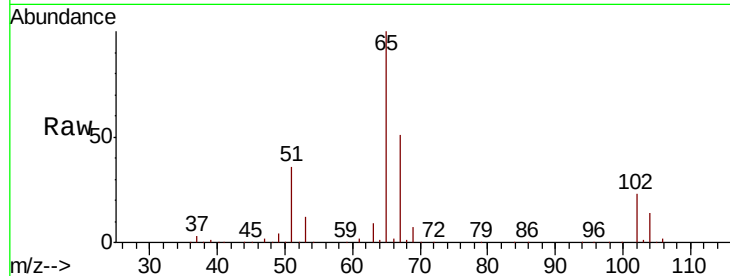




#33
 1,2-Dichloroethane-d4
 Concen: 51.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

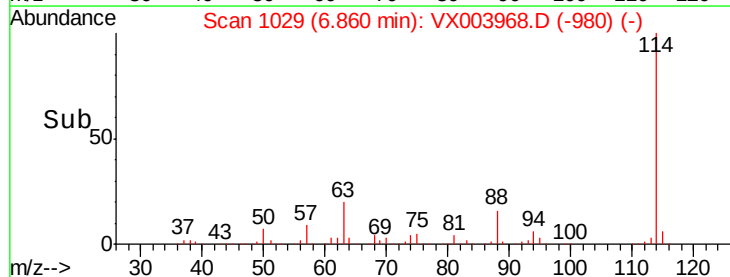
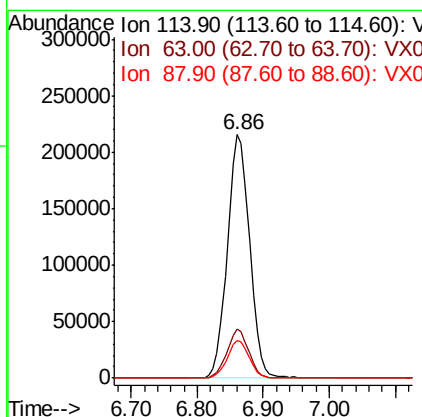
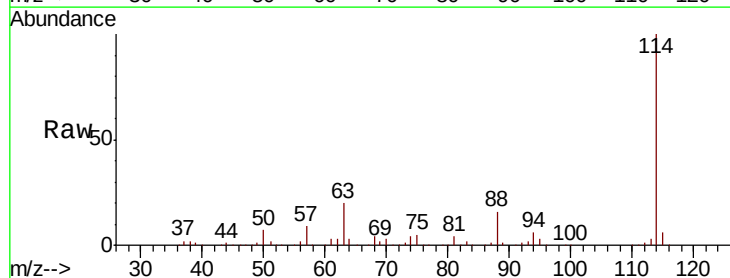
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0559DL

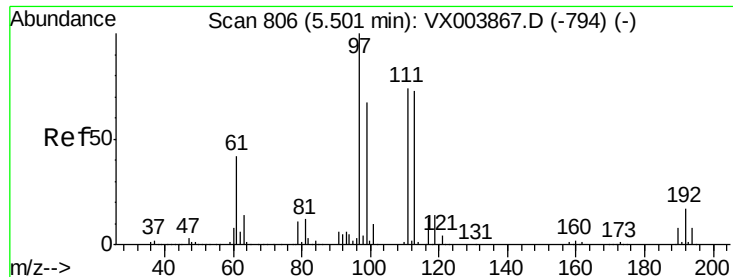
Tot Ion: 65 Resp: 221724
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Tgt Ion: 114 Resp: 504470
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.6 0.0 32.0

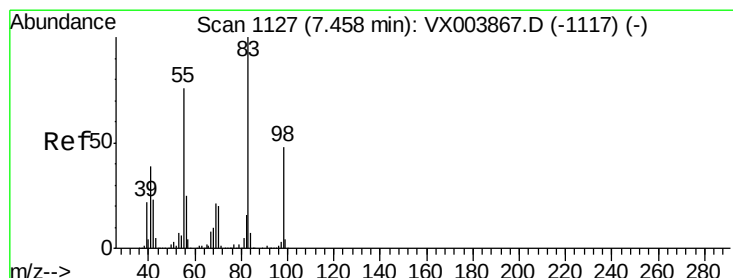
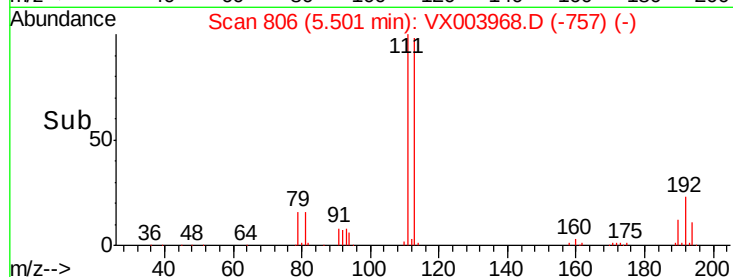
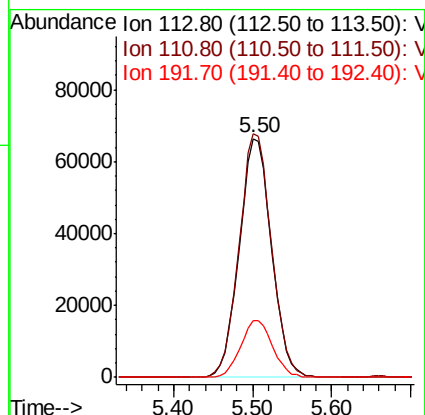
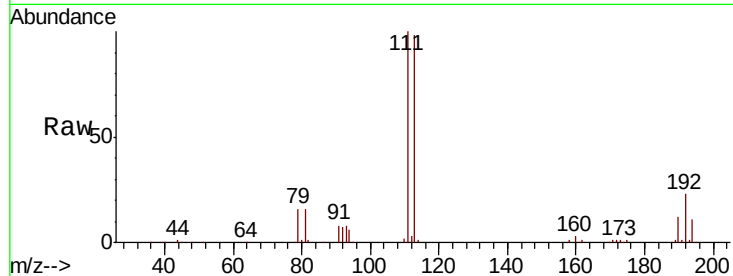




#35
 Dibromofluoromethane
 Concen: 49.46 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

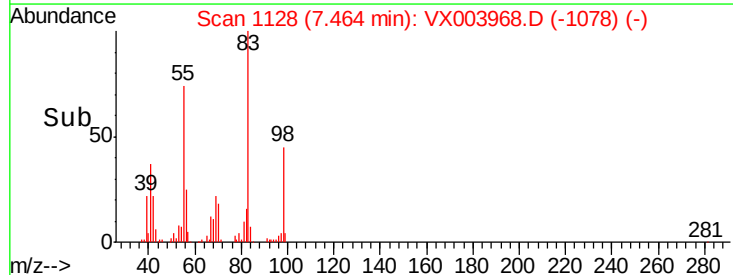
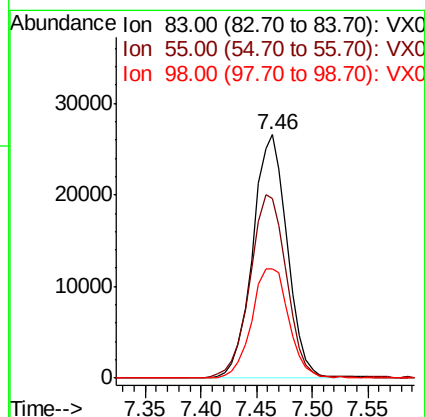
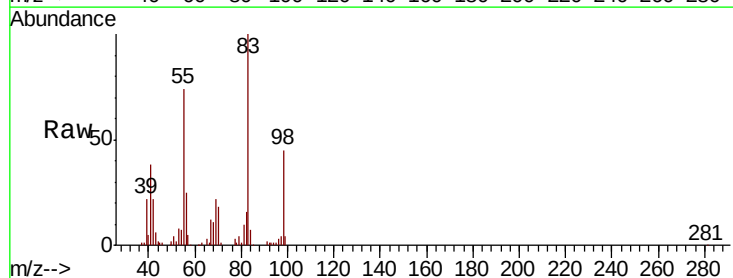
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0559DL

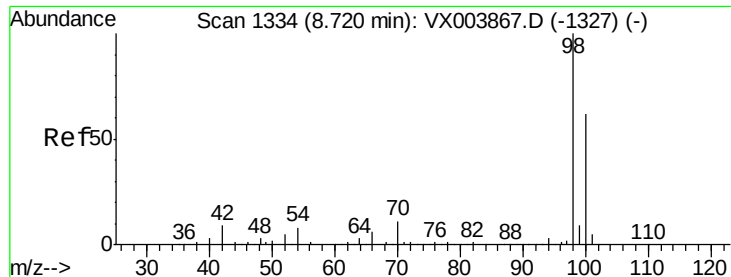
Tot Ion:113 Resp: 189022
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 23.7 19.0 28.4



#39
 Methylcyclohexane
 Concen: 8.62 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Tgt Ion: 83 Resp: 57422
 Ion Ratio Lower Upper
 83 100
 55 73.9 61.0 91.6
 98 45.1 38.6 57.8

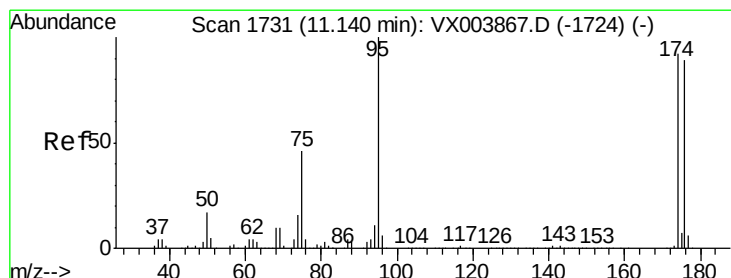
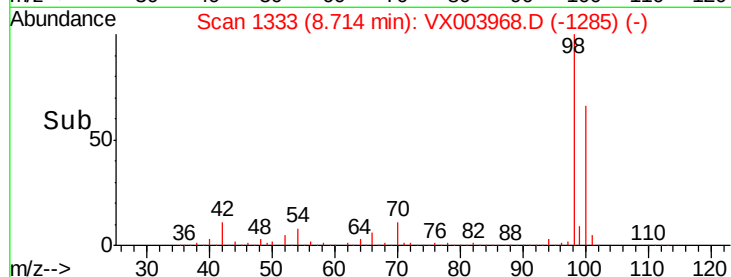
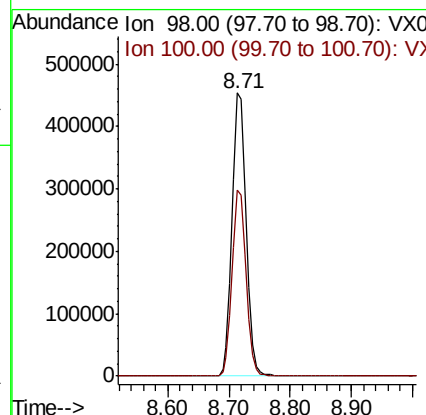
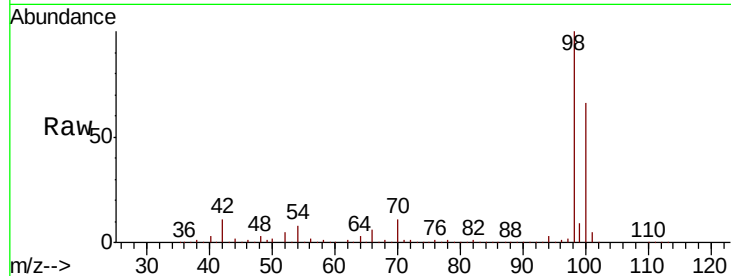




#50
Toluene-d8
Concen: 48.12 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

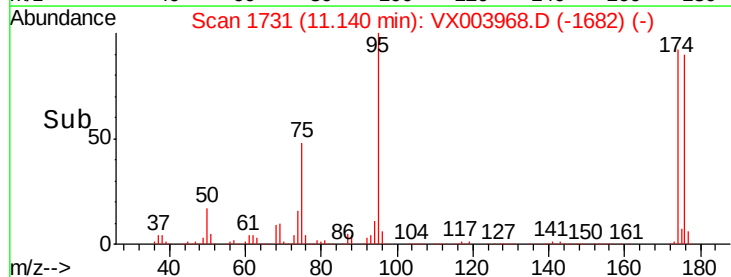
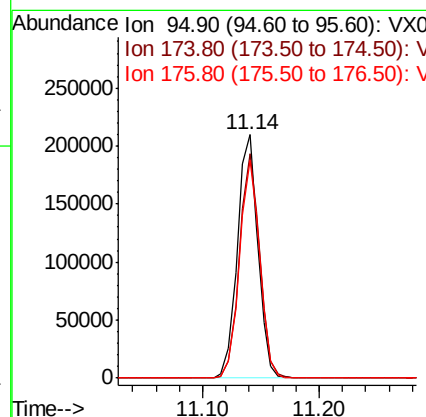
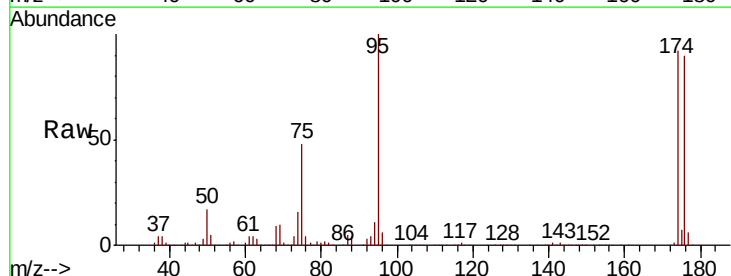
Instrument :
MSVOA_X
ClientSampleId :
FL-0559DL

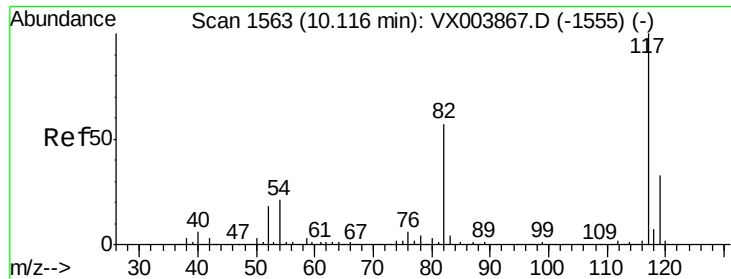
Tot Ion: 98 Resp: 715108
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion: 95 Resp: 258704
Ion Ratio Lower Upper
95 100
174 91.1 0.0 182.8
176 88.3 0.0 179.0

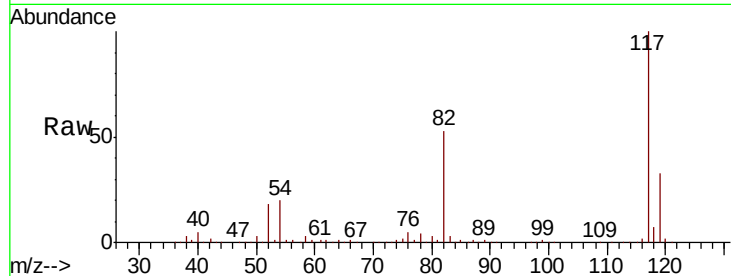




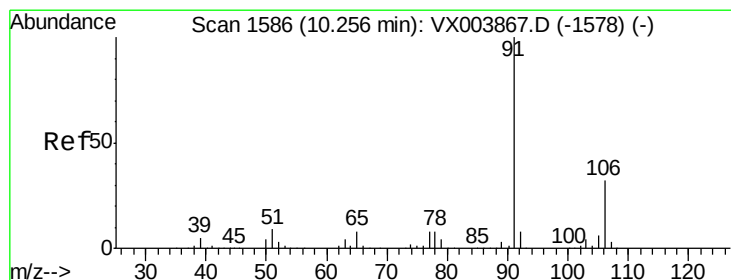
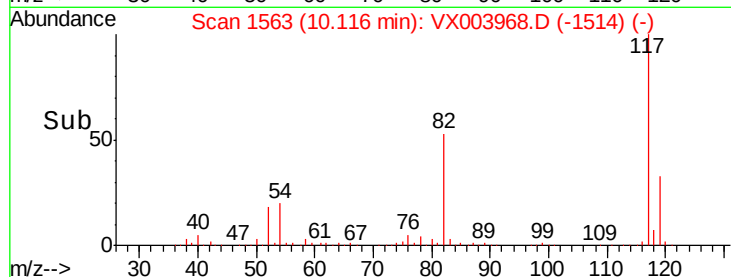
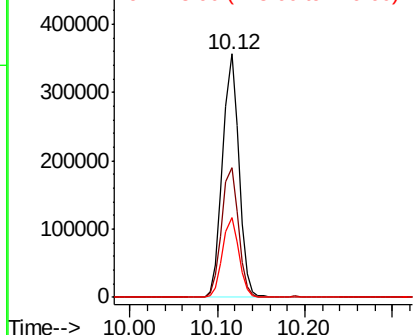
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Instrument :
MSVOA_X
ClientSampleID :
FL-0559DL

Tot Ion:117 Resp: 461762
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.0
119 32.6 26.6 40.0

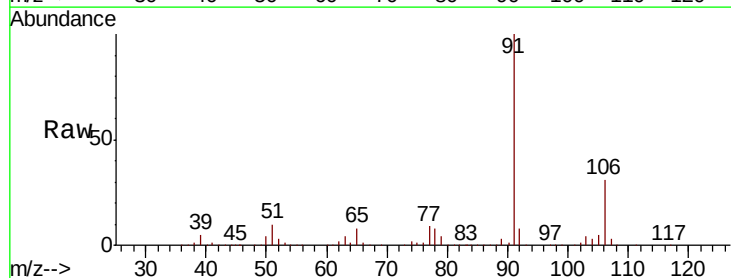


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

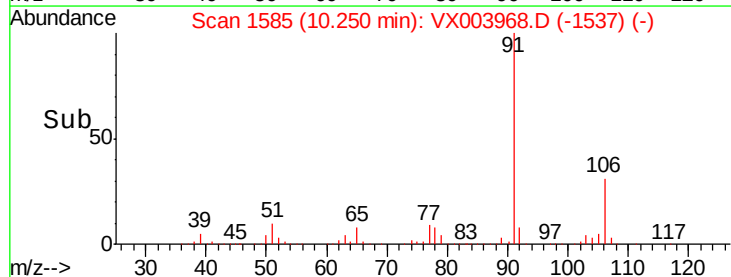
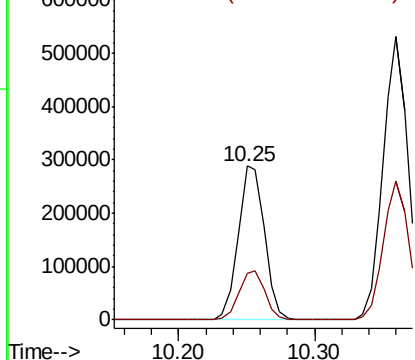


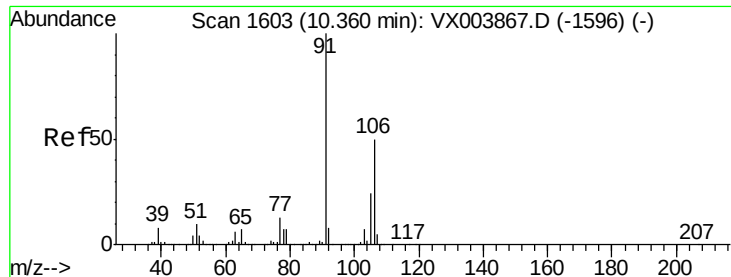
#67
Ethyl Benzene
Concen: 19.68 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion: 91 Resp: 387102
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9



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

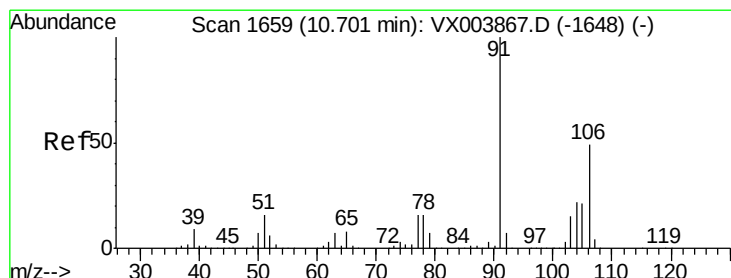
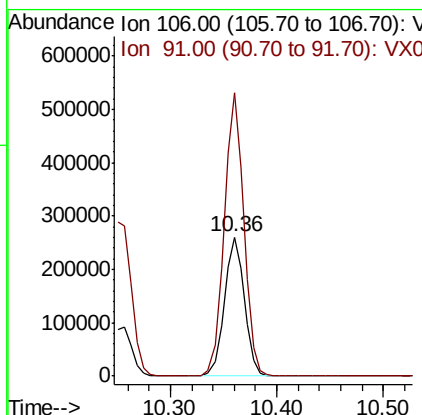
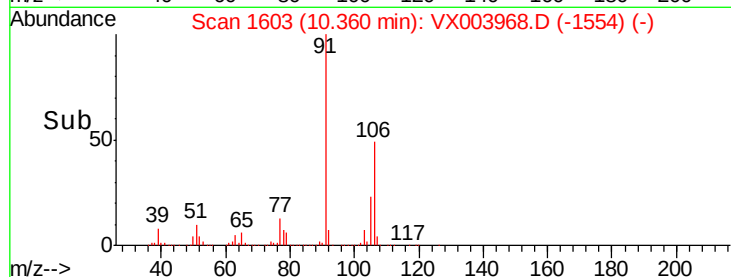
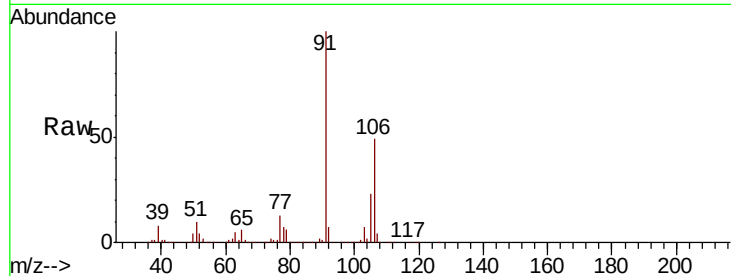




#68
m/p-Xylenes
Concen: 44.32 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

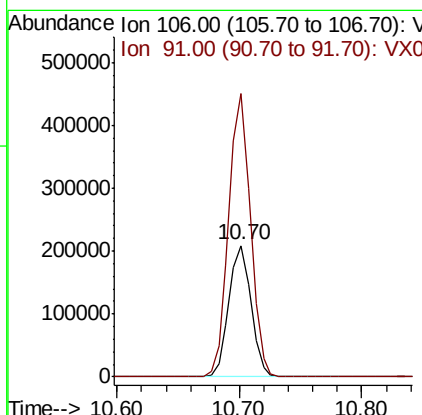
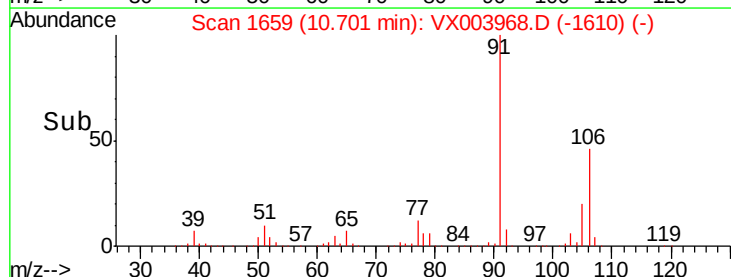
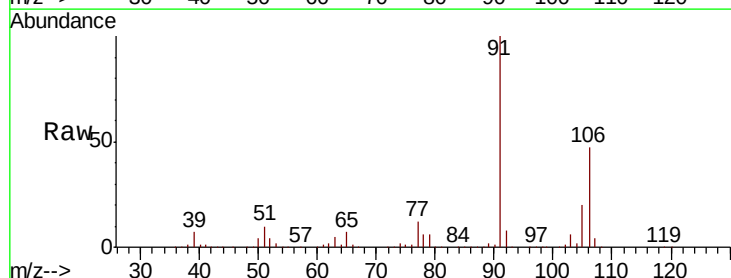
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ClientSampleID :
FL-0559DL

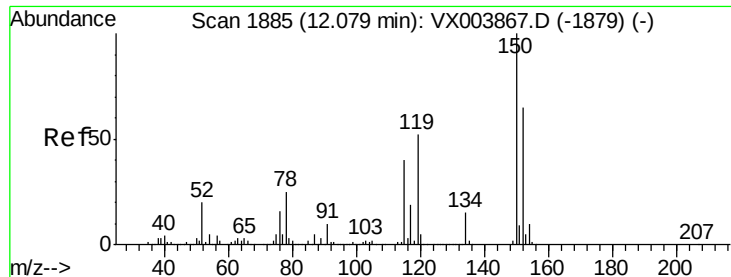
Tot Ion:106 Resp: 340648
Ion Ratio Lower Upper
106 100
91 200.6 162.3 243.5



#69
o-Xylene
Concen: 36.00 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion:106 Resp: 261151
Ion Ratio Lower Upper
106 100
91 212.7 101.9 305.7

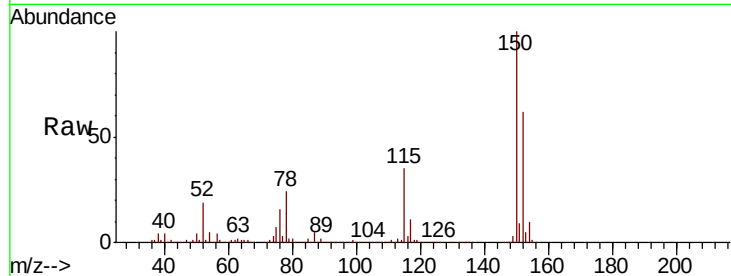




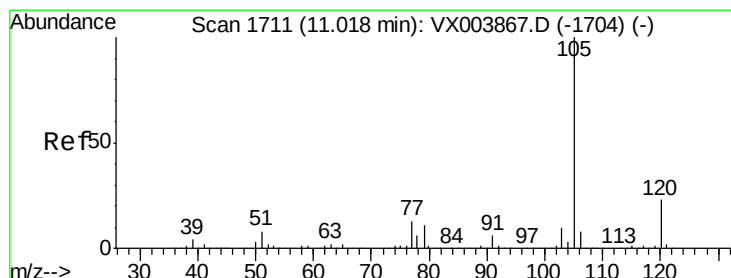
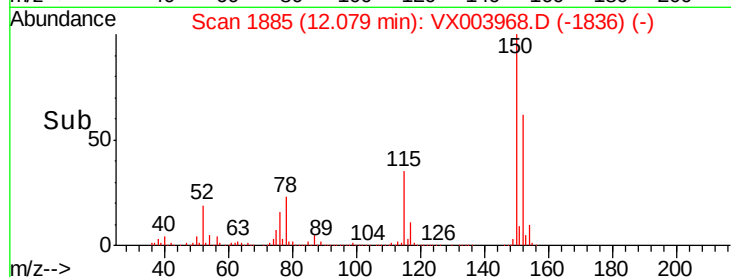
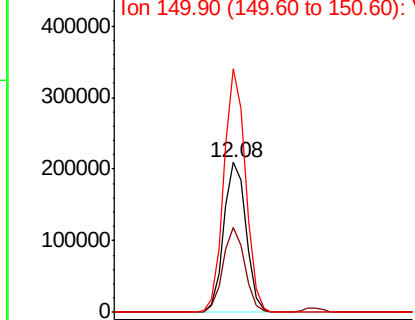
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0559DL

Tot Ion:152 Resp: 263664
 Ion Ratio Lower Upper
 152 100
 115 55.0 39.1 117.3
 150 157.8 0.0 349.2

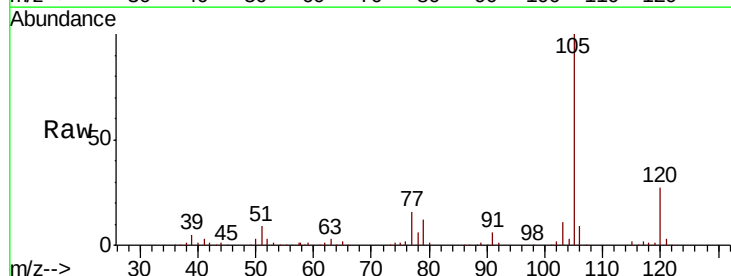


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

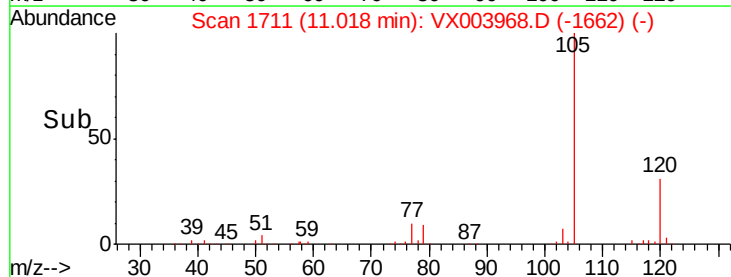
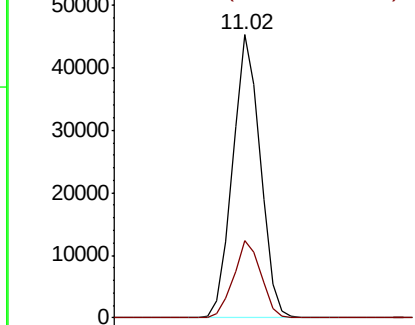


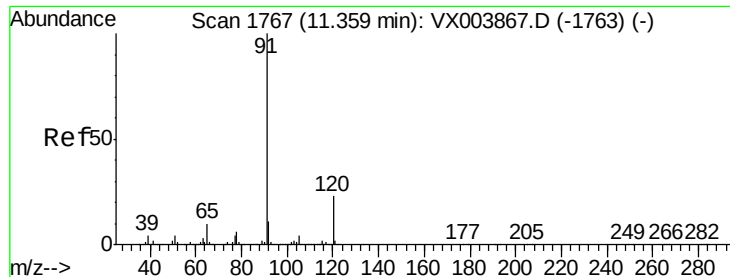
#73
 Isopropylbenzene
 Concen: 2.89 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Tgt Ion:105 Resp: 56378
 Ion Ratio Lower Upper
 105 100
 120 27.1 12.6 37.8



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





#78

n-propylbenzene

Concen: 3.50 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

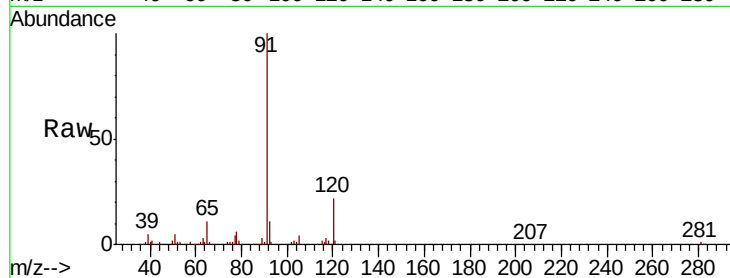
FL-0559DL

Tot Ion: 91 Resp: 76650

Ion Ratio Lower Upper

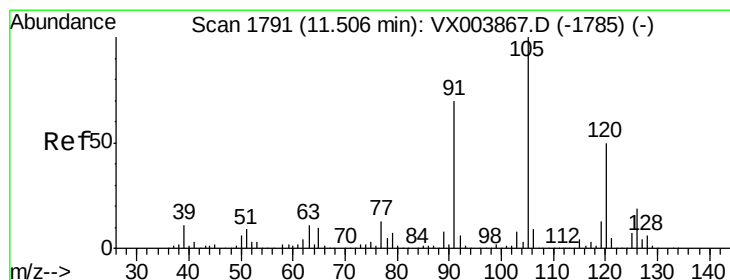
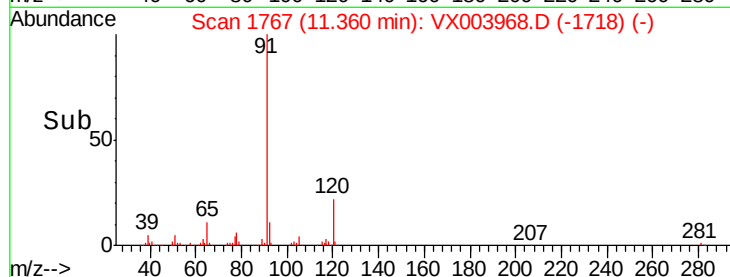
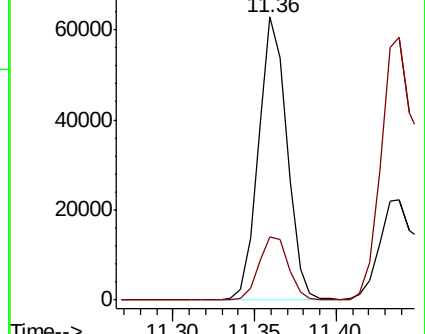
91 100

120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 6.60 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003968.D

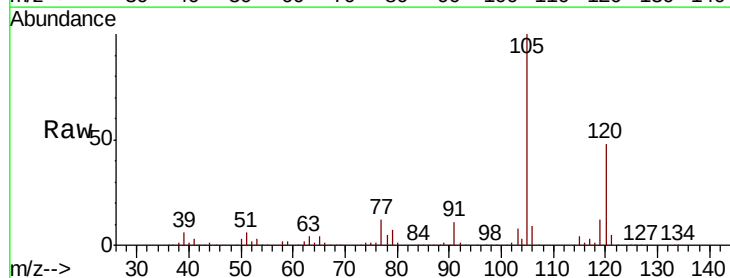
Acq: 10 Aug 2018 11:25

Tgt Ion:105 Resp: 105043

Ion Ratio Lower Upper

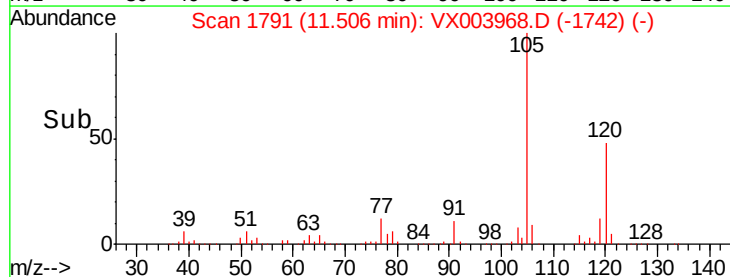
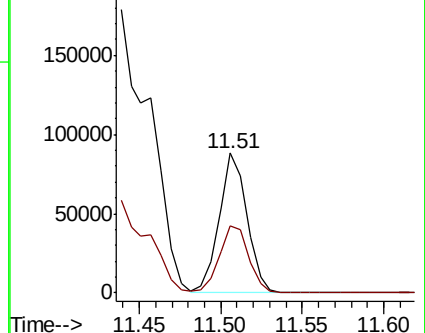
105 100

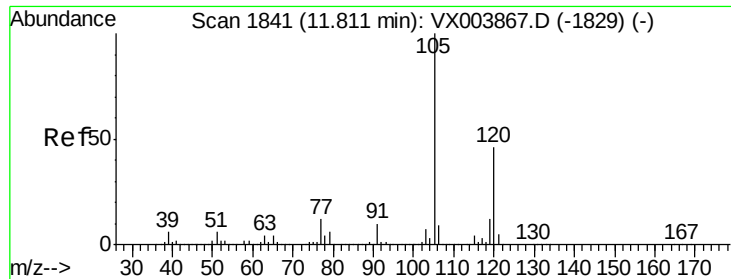
120 50.3 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

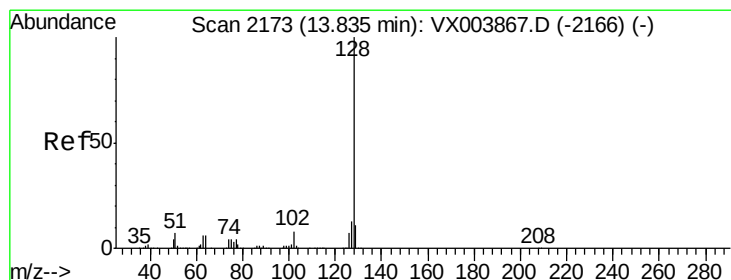
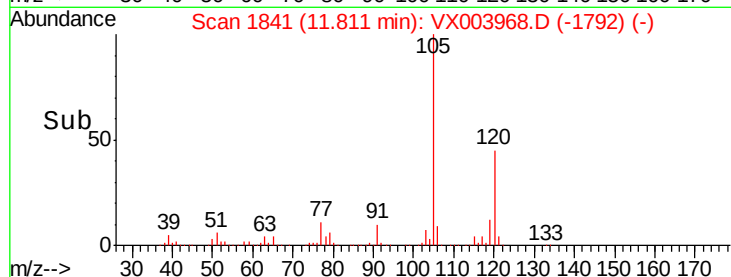
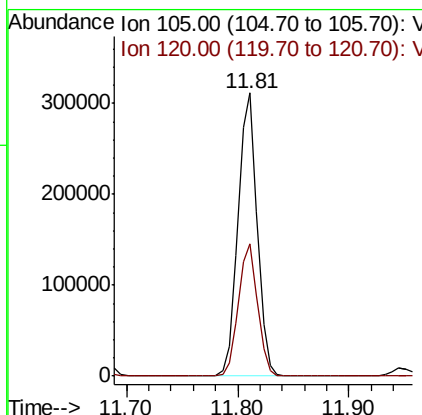
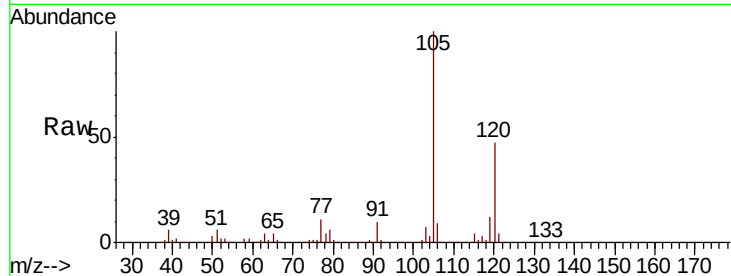




#84
 1,2,4-Trimethylbenzene
 Concen: 23.15 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0559DL

Tot Ion:105 Resp: 370265
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2



#95
 Naphthalene
 Concen: 2.17 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Tgt Ion:128 Resp: 42575
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.2
 129 10.9 8.8 13.2

