

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003945.D
 Acq On : 09 Aug 2018 12:50
 Operator : JC/MD
 Sample : J4387-07DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555DL

Quant Time: Aug 10 12:38:15 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

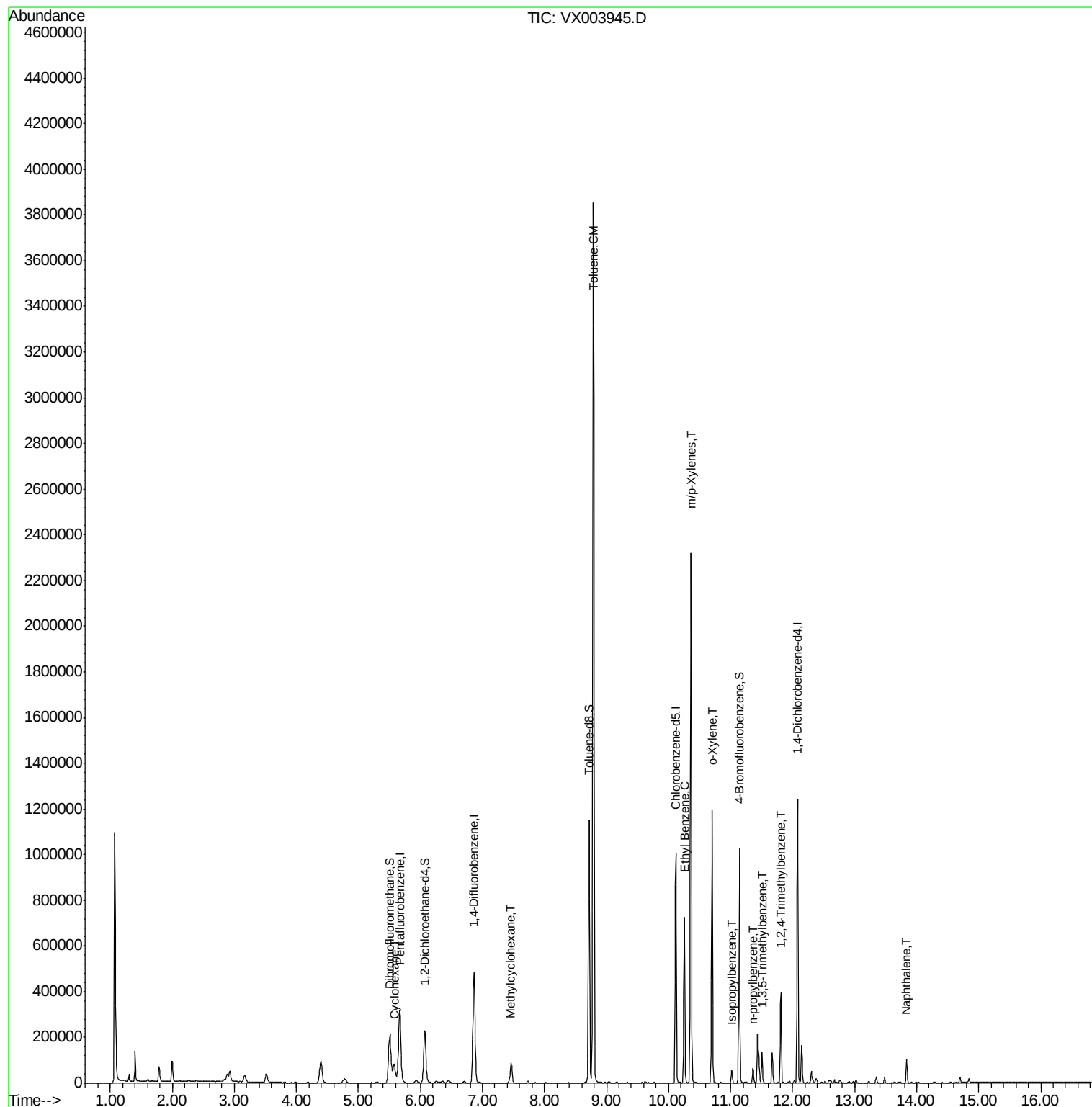
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	504371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	214971	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
35) Dibromofluoromethane	5.50	113	182102	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	701996	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	256923	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.57	56	53306	8.57	ug/l	98
39) Methylcyclohexane	7.46	83	37193	5.58	ug/l	94
52) Toluene	8.79	92	1424833	132.94	ug/l	99
67) Ethyl Benzene	10.26	91	416340	21.00	ug/l	99
68) m/p-Xylenes	10.36	106	539274	69.60	ug/l	96
69) o-Xylene	10.70	106	255518	34.93	ug/l	97
73) Isopropylbenzene	11.02	105	29061	1.52	ug/l	94
78) n-propylbenzene	11.36	91	36709	1.71	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	58490	3.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	172480	10.98	ug/l	98
95) Naphthalene	13.83	128	66853	3.46	ug/l	100

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

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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: VX003945.D

Acq: 09 Aug 2018 12:50

Instrument :

MSVOA_X

ClientSampleId :

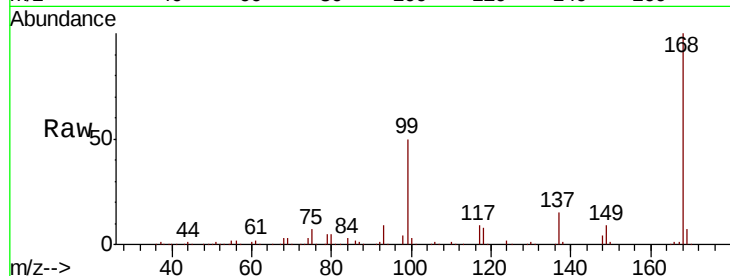
FL-0555DL

Tot Ion:168 Resp: 325391

Ion Ratio Lower Upper

168 100

99 49.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

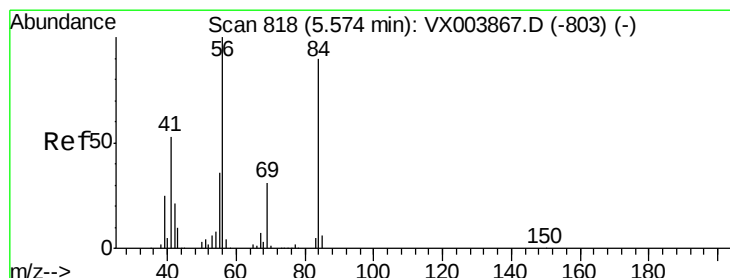
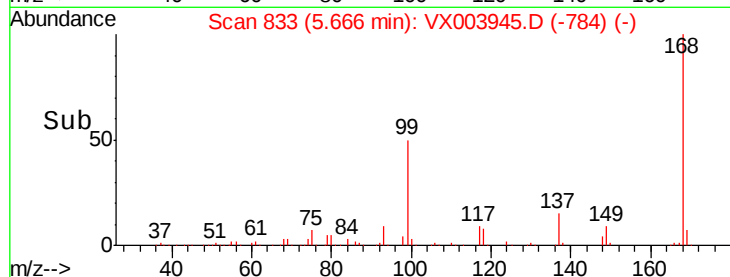
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 8.57 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003945.D

Acq: 09 Aug 2018 12:50

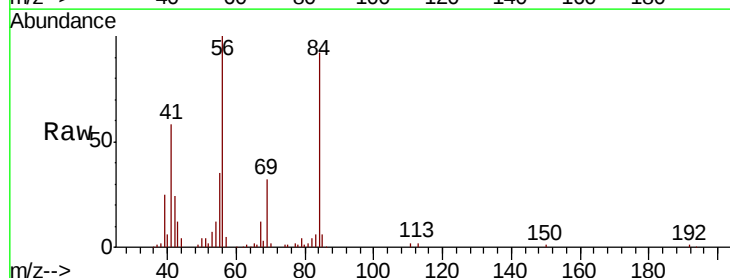
Tgt Ion: 56 Resp: 53306

Ion Ratio Lower Upper

56 100

69 31.4 24.9 37.3

84 91.8 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

20000

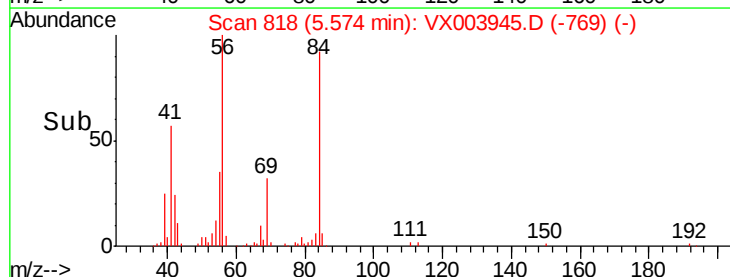
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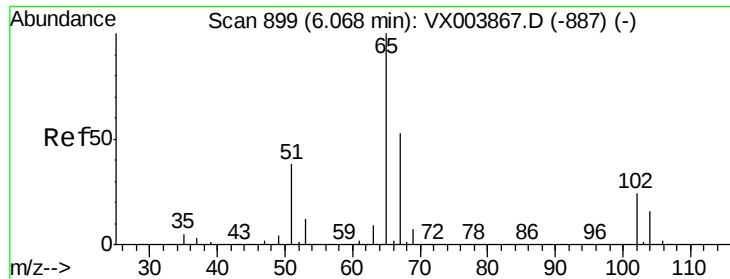
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5000

0

Time--> 5.50 5.55 5.60 5.65 5.70

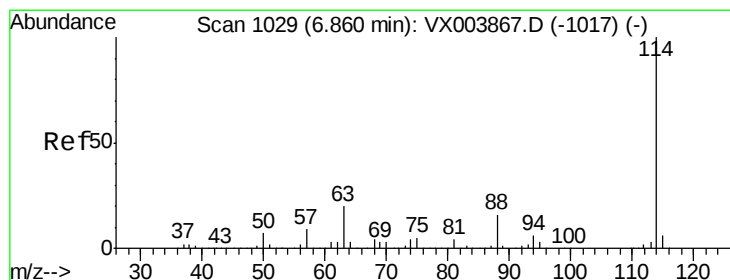
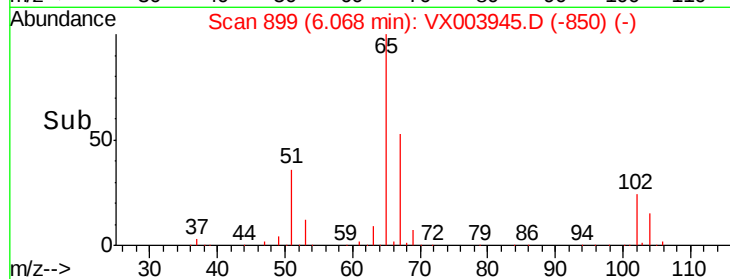
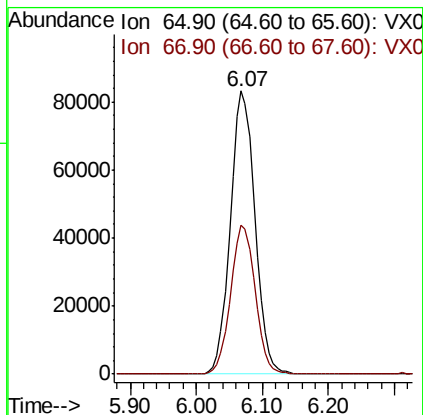
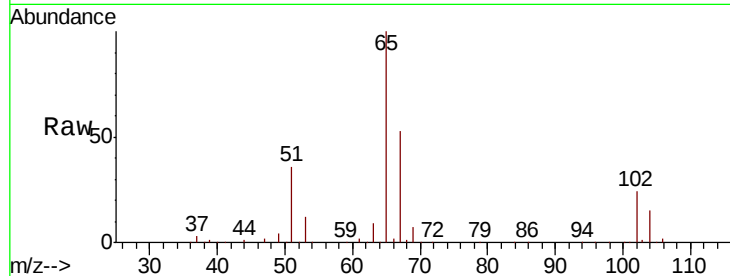




#33
 1,2-Dichloroethane-d4
 Concen: 49.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

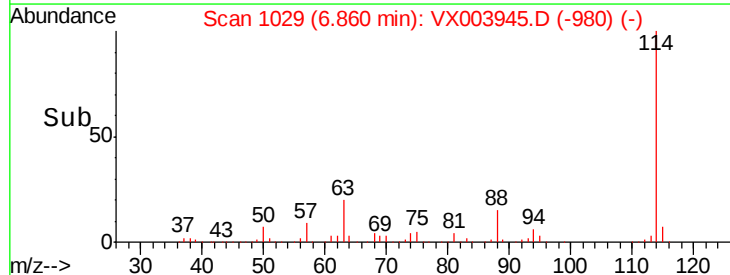
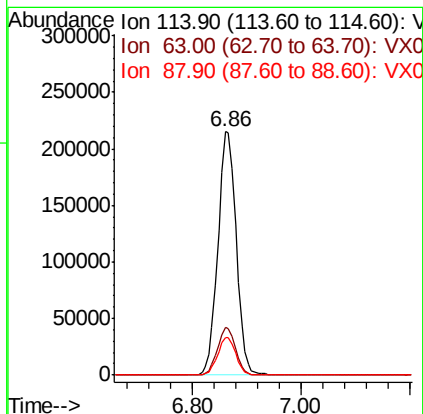
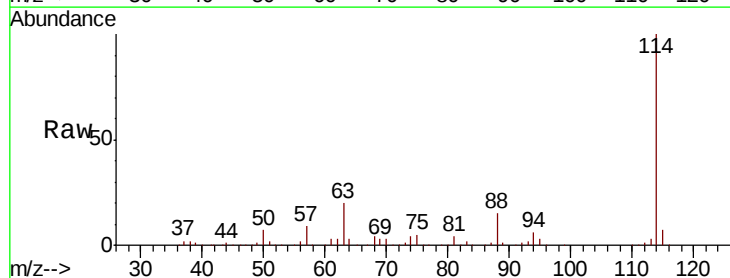
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555DL

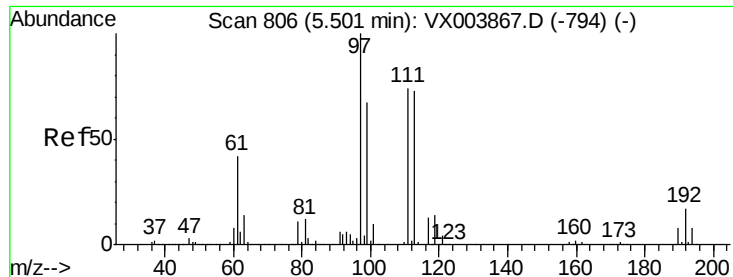
Tot Ion: 65 Resp: 214971
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

Tgt Ion: 114 Resp: 504371
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.3 0.0 32.0

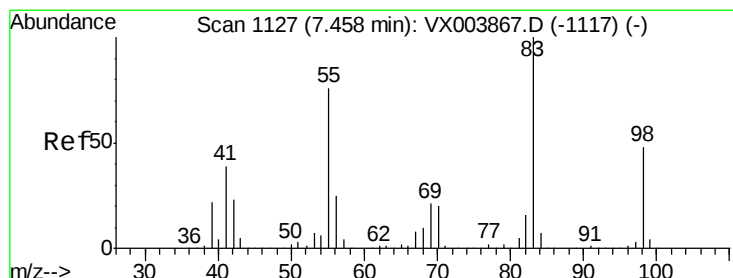
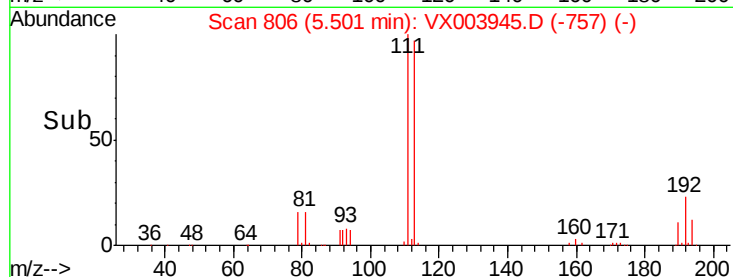
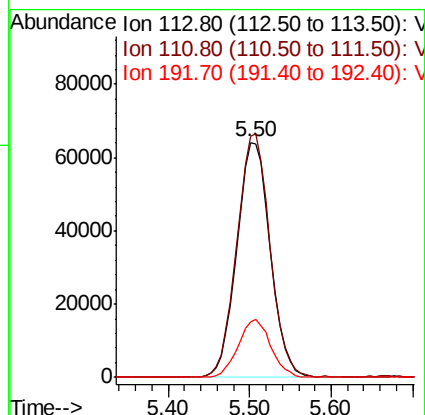
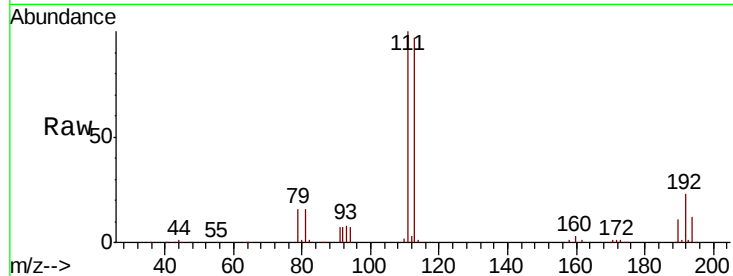




#35
 Dibromofluoromethane
 Concen: 47.66 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

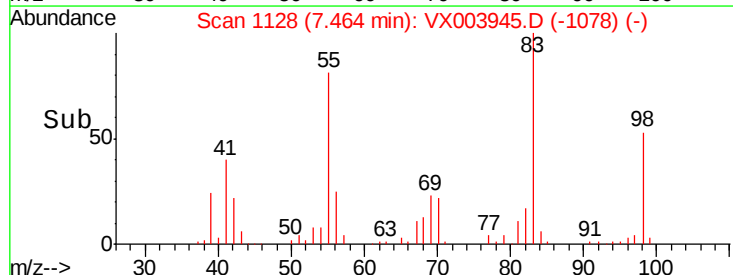
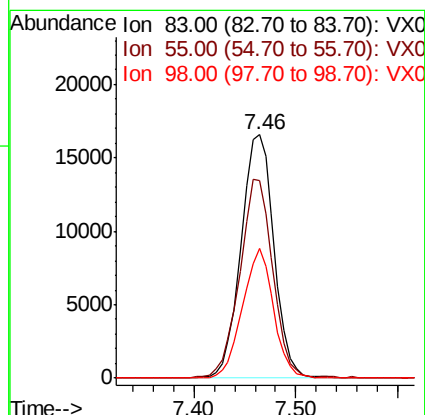
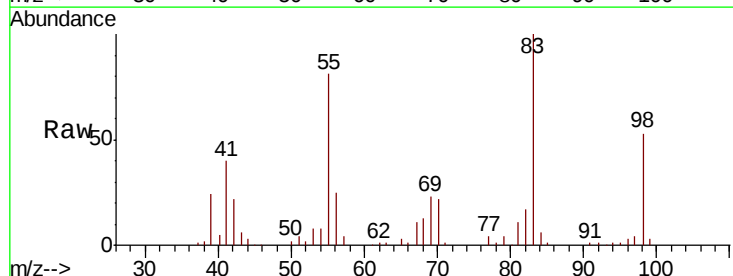
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555DL

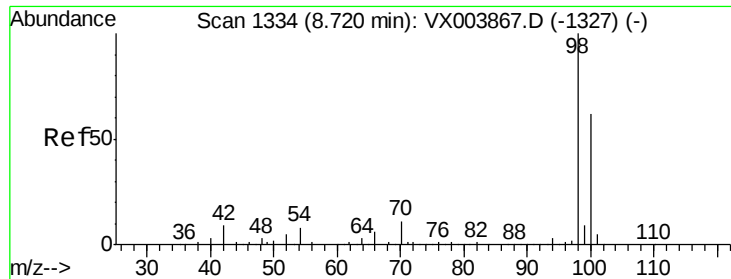
Tot Ion:113 Resp: 182102
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 23.9 19.0 28.4



#39
 Methylcyclohexane
 Concen: 5.58 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

Tgt Ion: 83 Resp: 37193
 Ion Ratio Lower Upper
 83 100
 55 81.0 61.0 91.6
 98 53.1 38.6 57.8





#50

Toluene-d8

Concen: 47.24 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003945.D

Acq: 09 Aug 2018 12:50

Instrument :

MSVOA_X

ClientSampleId :

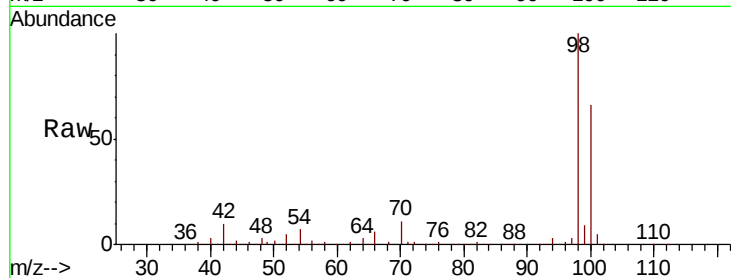
FL-0555DL

Tot Ion: 98 Resp: 701996

Ion Ratio Lower Upper

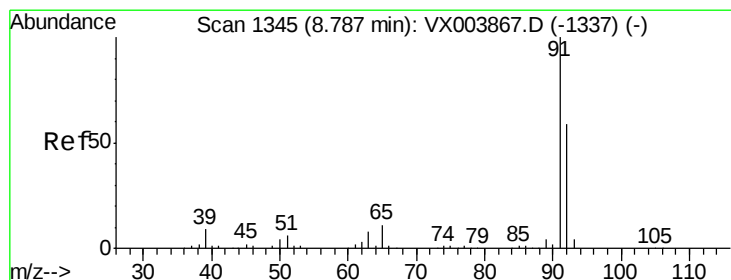
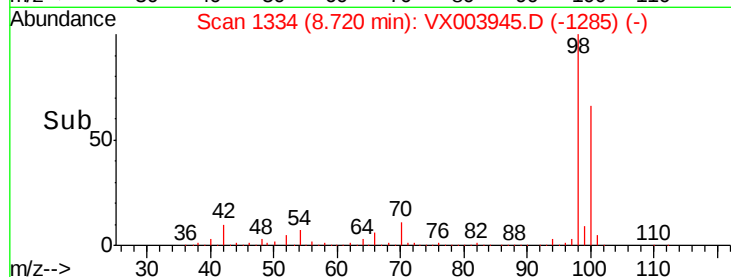
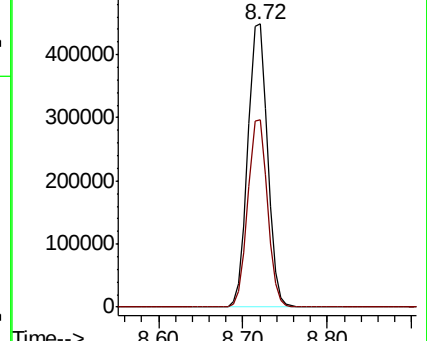
98 100

100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 132.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003945.D

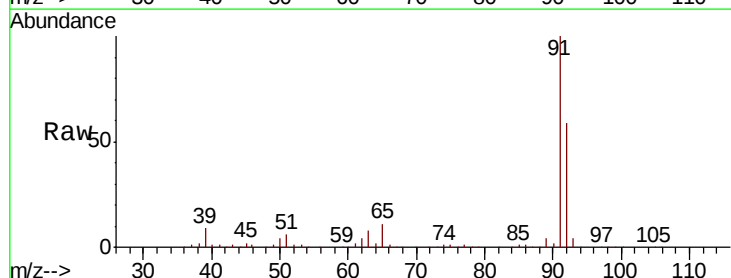
Acq: 09 Aug 2018 12:50

Tgt Ion: 92 Resp: 1424833

Ion Ratio Lower Upper

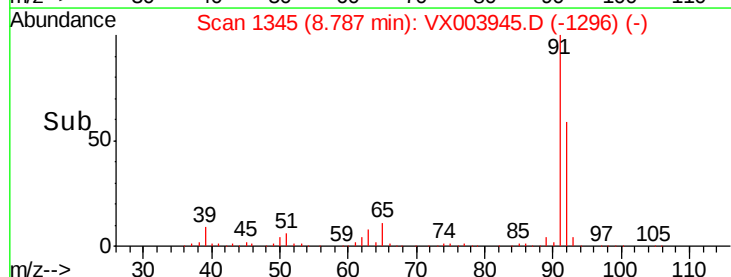
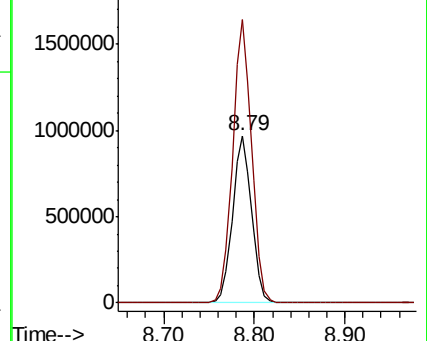
92 100

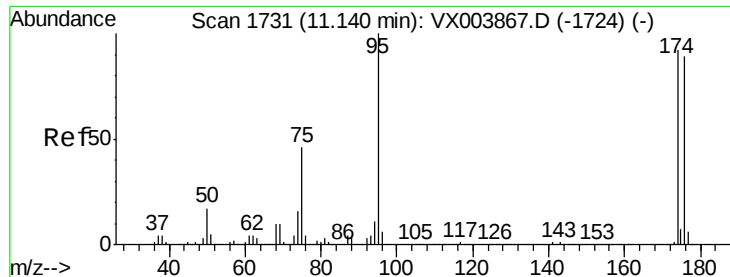
91 169.2 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

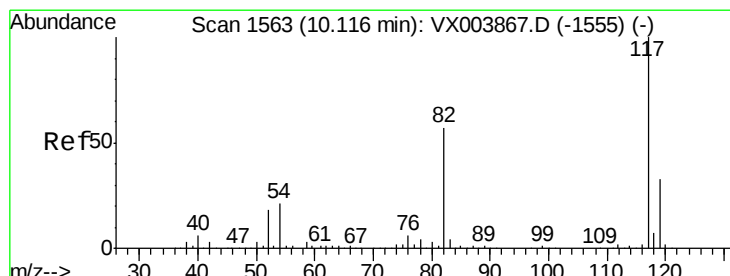
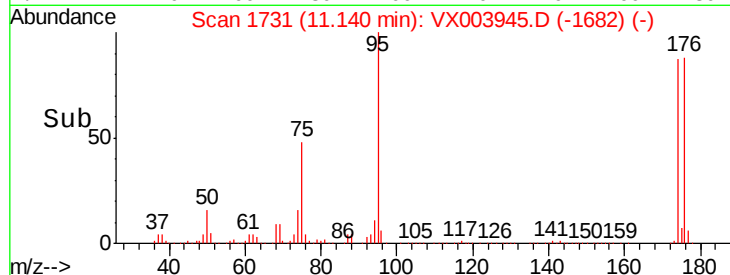
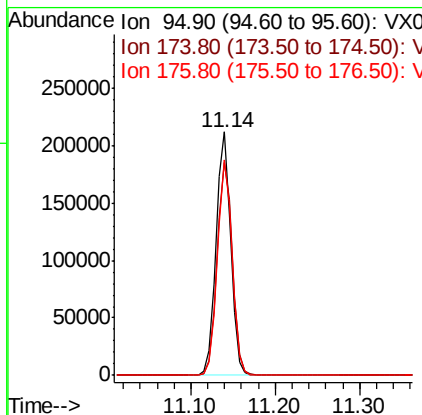
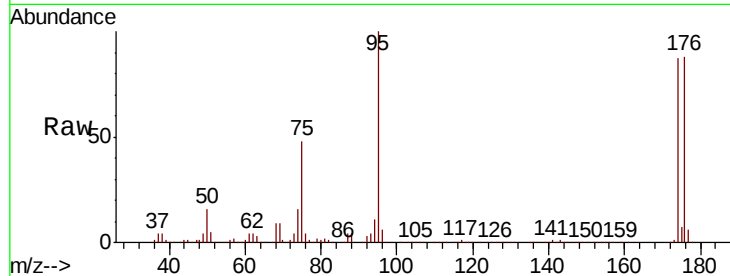




#62
 4-Bromofluorobenzene
 Concen: 53.44 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

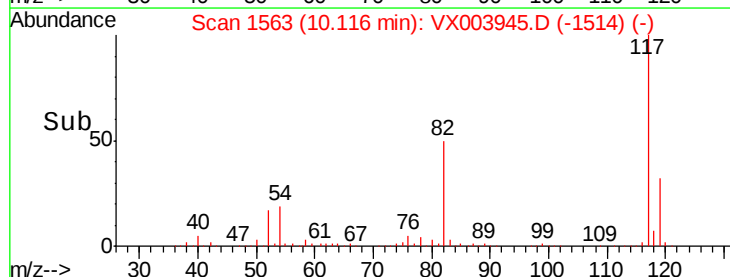
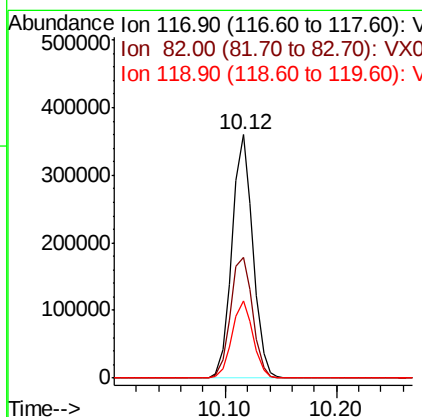
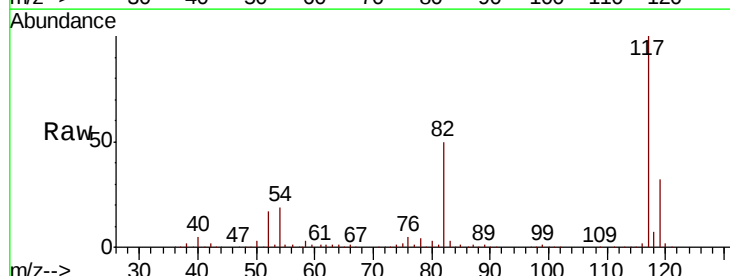
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0555DL

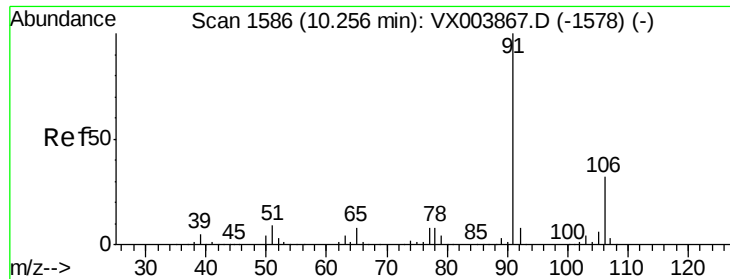
Tot Ion: 95 Resp: 256923
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 182.8
 176 88.8 0.0 179.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

Tgt Ion: 117 Resp: 465567
 Ion Ratio Lower Upper
 117 100
 82 49.7 45.4 68.0
 119 32.0 26.6 40.0

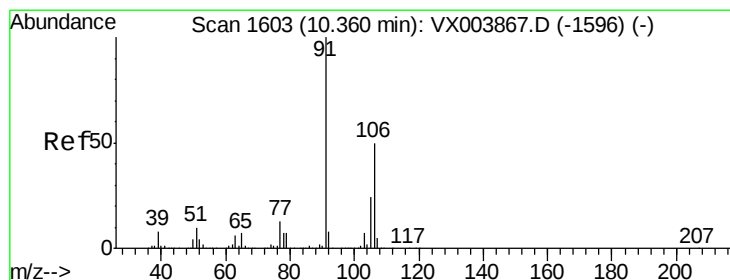
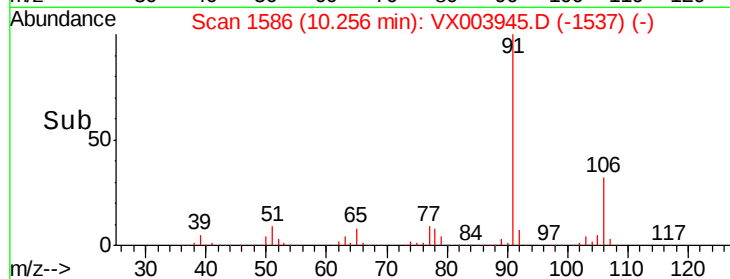
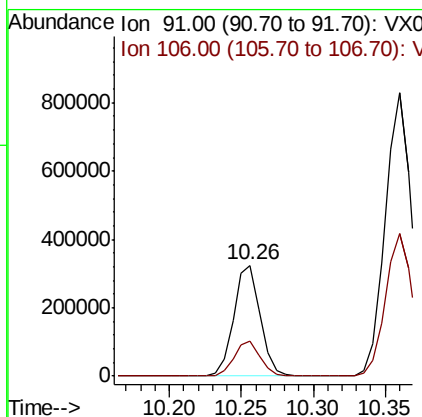
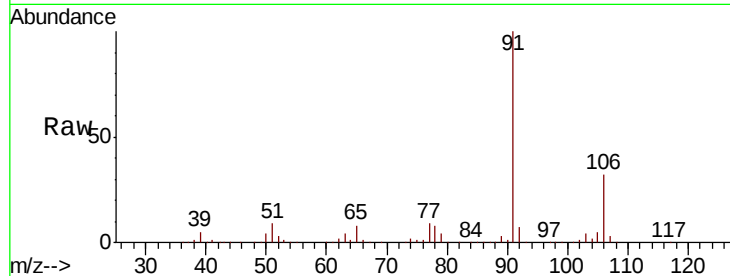




#67
Ethyl Benzene
Concen: 21.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003945.D
Acq: 09 Aug 2018 12:50

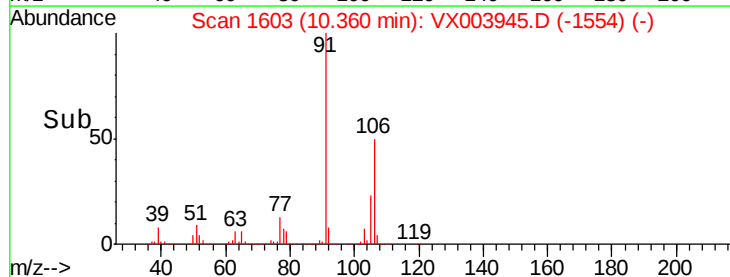
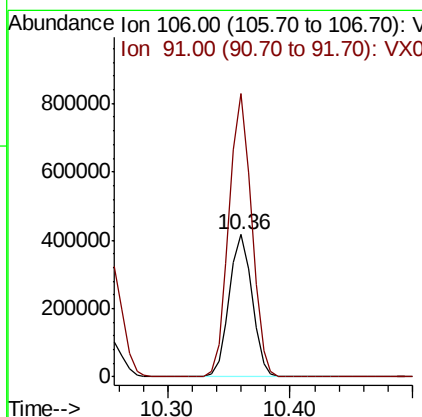
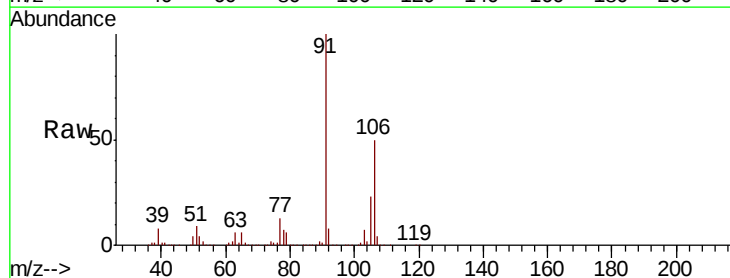
Instrument :
MSVOA_X
ClientSampleId :
FL-0555DL

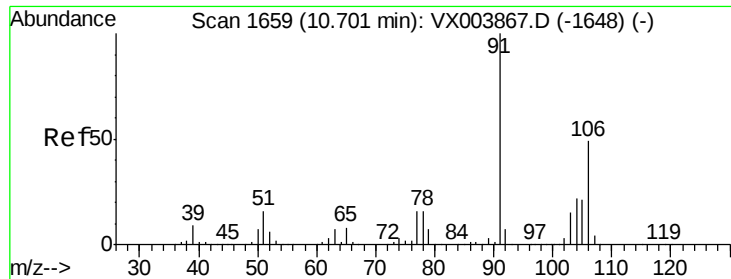
Tot Ion: 91 Resp: 416340
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 69.60 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003945.D
Acq: 09 Aug 2018 12:50

Tgt Ion: 106 Resp: 539274
Ion Ratio Lower Upper
106 100
91 197.1 162.3 243.5

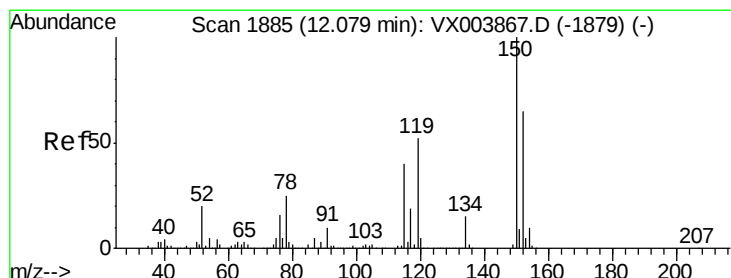
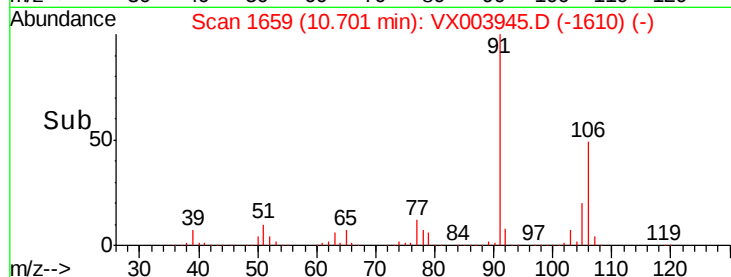
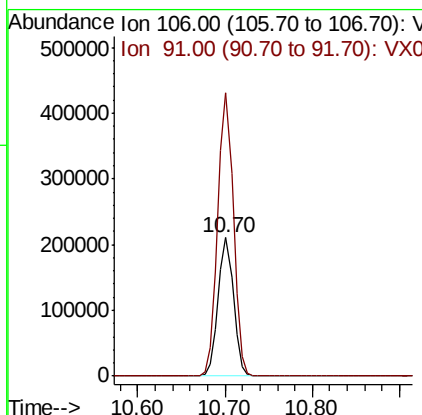
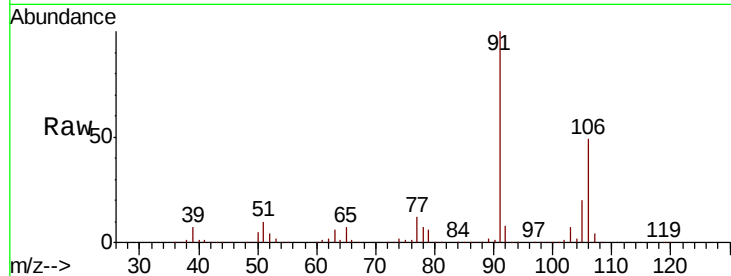




#69
o-Xylene
Concen: 34.93 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003945.D
Acq: 09 Aug 2018 12:50

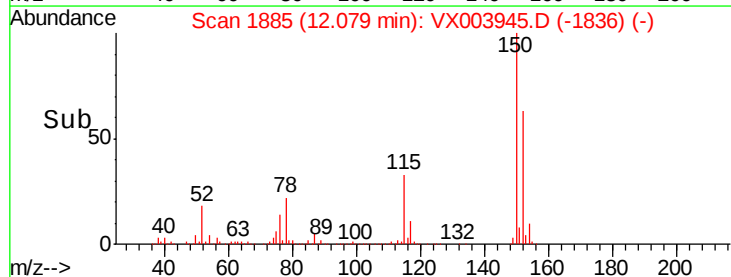
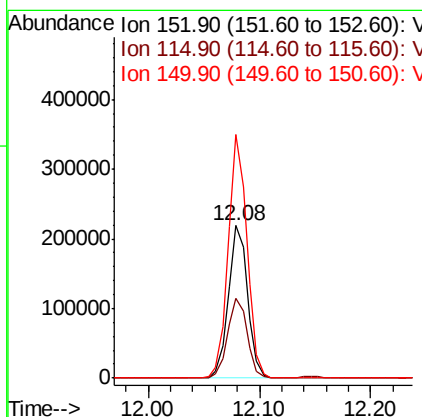
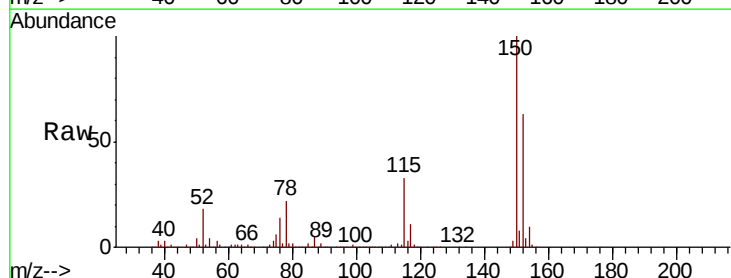
Instrument :
MSVOA_X
ClientSampleId :
FL-0555DL

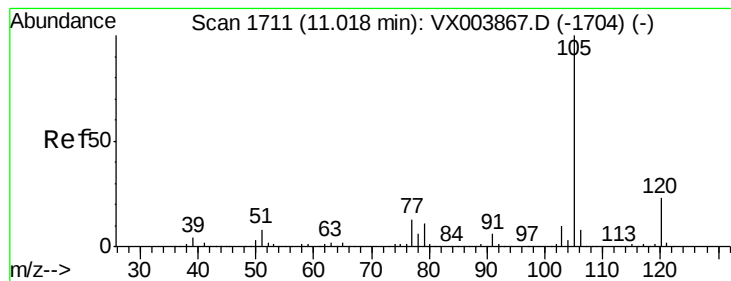
Tot Ion:106 Resp: 255518
Ion Ratio Lower Upper
106 100
91 208.9 101.9 305.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003945.D
Acq: 09 Aug 2018 12:50

Tgt Ion:152 Resp: 259051
Ion Ratio Lower Upper
152 100
115 53.6 39.1 117.3
150 156.9 0.0 349.2





#73

Isopropylbenzene

Concen: 1.52 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003945.D

Acq: 09 Aug 2018 12:50

Instrument :

MSVOA_X

ClientSampled :

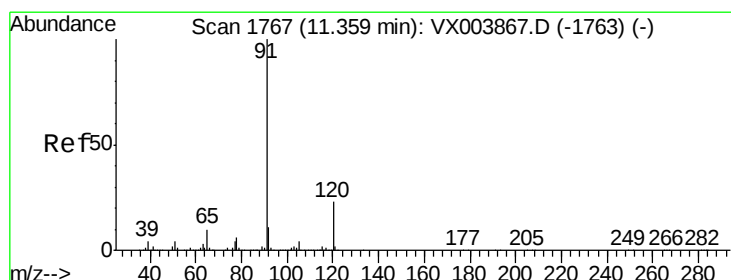
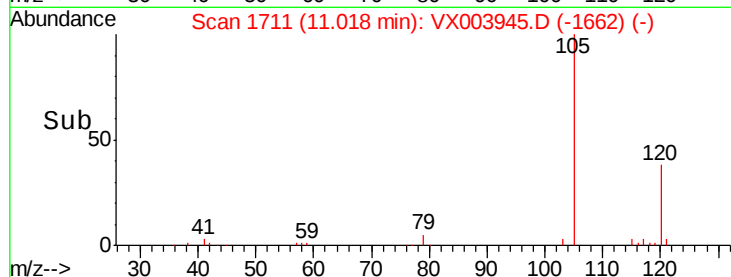
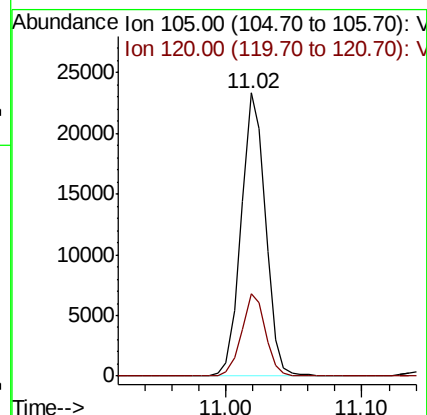
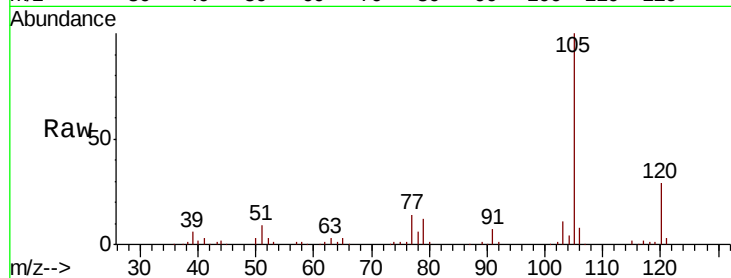
FL-0555DL

Tot Ion: 105 Resp: 29061

Ion Ratio Lower Upper

105 100

120 28.1 12.6 37.8



#78

n-propylbenzene

Concen: 1.71 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003945.D

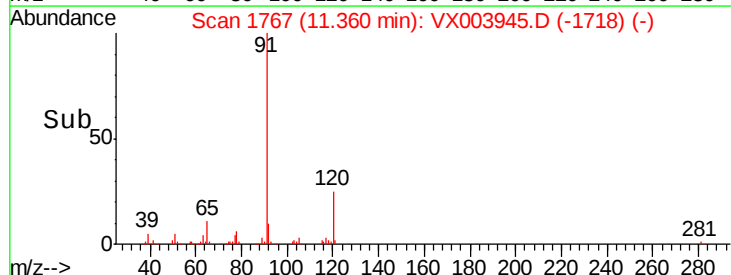
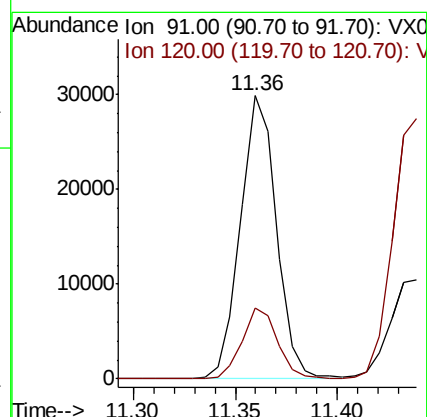
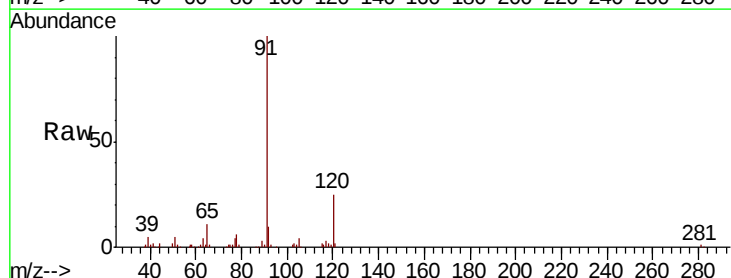
Acq: 09 Aug 2018 12:50

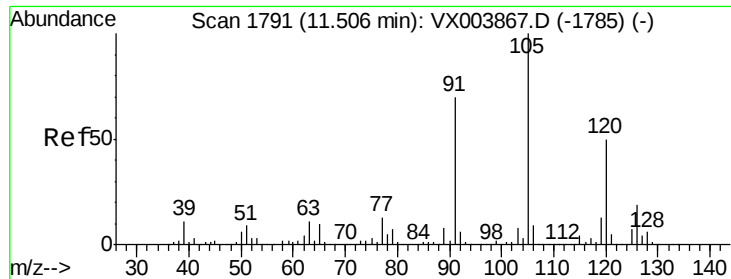
Tgt Ion: 91 Resp: 36709

Ion Ratio Lower Upper

91 100

120 24.8 11.9 35.5

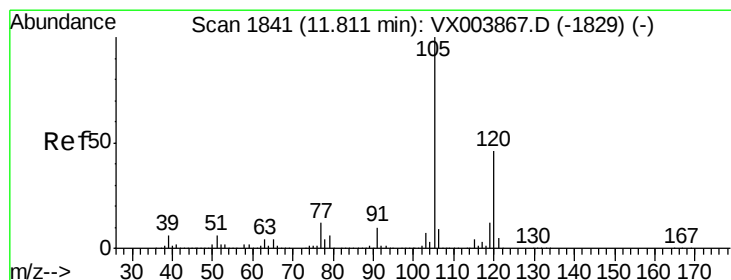
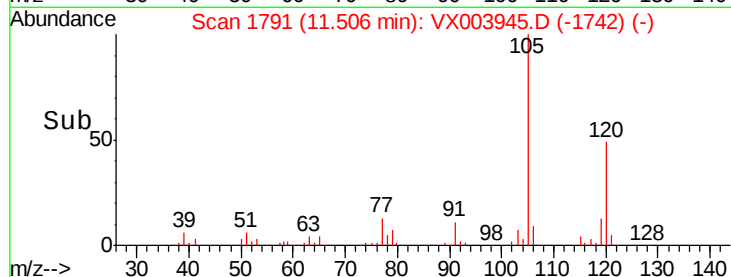
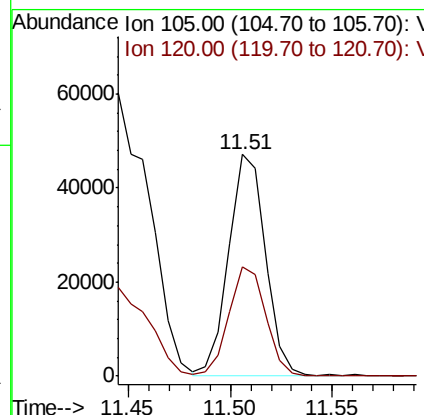
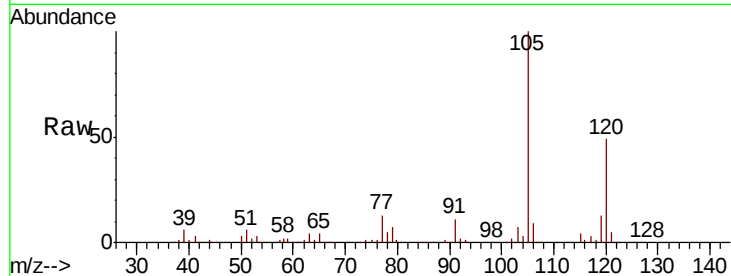




#80
 1,3,5-Trimethylbenzene
 Concen: 3.74 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

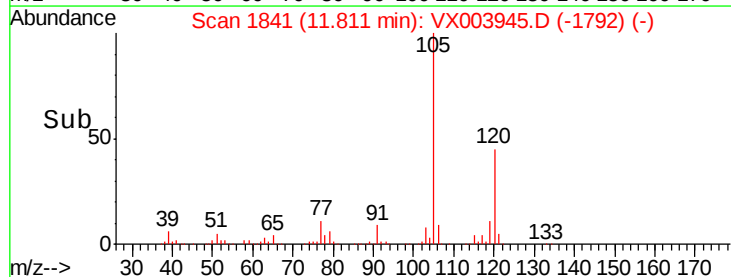
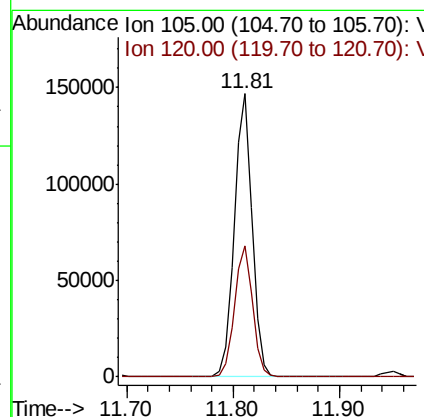
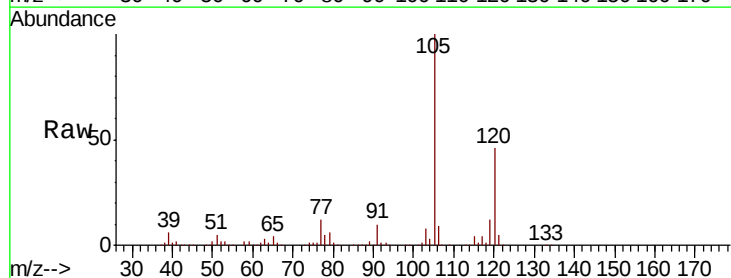
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555DL

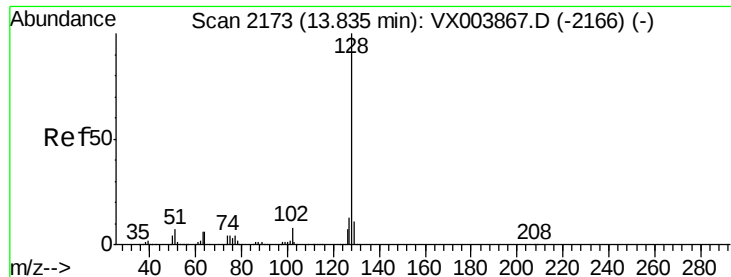
Tot Ion:105 Resp: 58490
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.4 76.2



#84
 1,2,4-Trimethylbenzene
 Concen: 10.98 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003945.D
 Acq: 09 Aug 2018 12:50

Tgt Ion:105 Resp: 172480
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.1 69.2

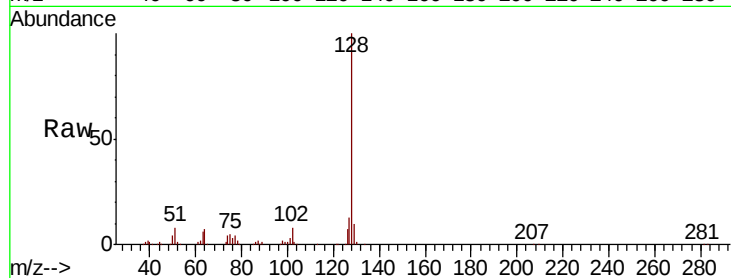




#95
Naphthalene
Concen: 3.46 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003945.D
Acq: 09 Aug 2018 12:50

Instrument :
MSVOA_X
ClientSampleId :
FL-0555DL

Tot Ion:128 Resp: 66853
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 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

