

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003884.D
 Acq On : 07 Aug 2018 16:59
 Operator : JC/MD
 Sample : J4344-15DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0538DL

Quant Time: Aug 08 09:49:17 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	328453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	494552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	469263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244696	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	214085	49.17	ug/l	0.00
Spiked Amount						
			Recovery	=	98.34%	
35) Dibromofluoromethane	5.51	113	181952	48.56	ug/l	0.00
Spiked Amount						
			Recovery	=	97.12%	
50) Toluene-d8	8.72	98	717506	49.25	ug/l	0.00
Spiked Amount						
			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.14	95	257290	54.58	ug/l	0.00
Spiked Amount						
			Recovery	=	109.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	118137	18.83	ug/l	96
39) Methylcyclohexane	7.46	83	194003	29.71	ug/l	99
67) Ethyl Benzene	10.26	91	26836	1.34	ug/l	99
68) m/p-Xylenes	10.36	106	54061	6.92	ug/l	96
69) o-Xylene	10.70	106	6032	0.82	ug/l	93
73) Isopropylbenzene	11.02	105	120071	6.63	ug/l	97
78) n-propylbenzene	11.36	91	223363	10.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	322068	21.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	926382	62.42	ug/l	100
85) sec-Butylbenzene	11.94	105	41577	2.43	ug/l	78
86) p-Isopropyltoluene	12.07	119	26050	1.69	ug/l	98
95) Naphthalene	13.83	128	117958	6.47	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003884.D

Acq: 07 Aug 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

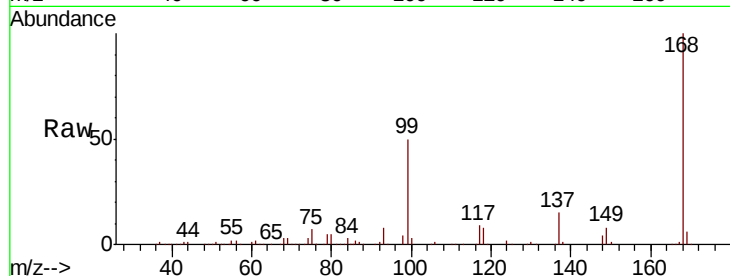
FL-0538DL

Tot Ion:168 Resp: 328453

Ion Ratio Lower Upper

168 100

99 49.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

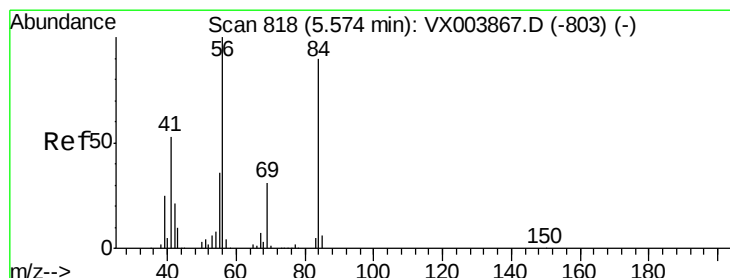
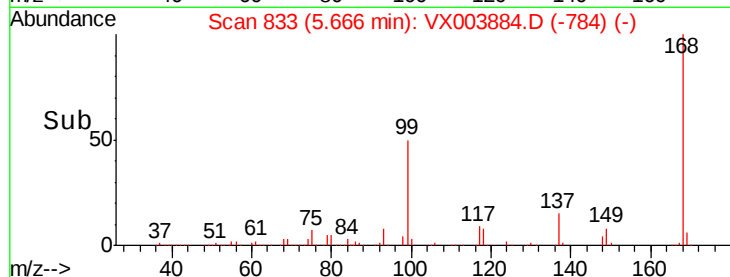
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 18.83 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003884.D

Acq: 07 Aug 2018 16:59

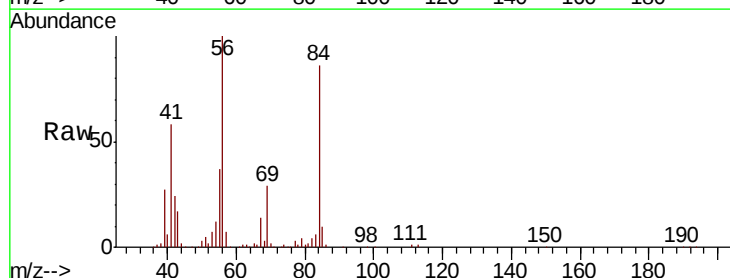
Tgt Ion: 56 Resp: 118137

Ion Ratio Lower Upper

56 100

69 28.0 24.9 37.3

84 85.8 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

40000

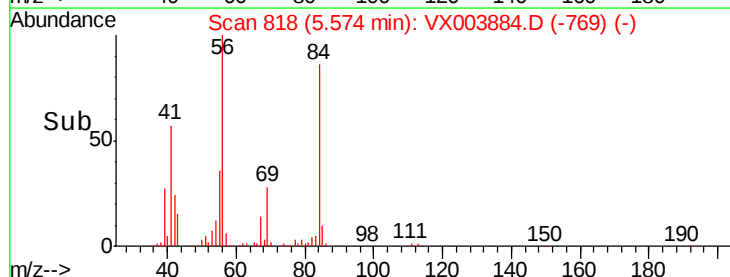
30000

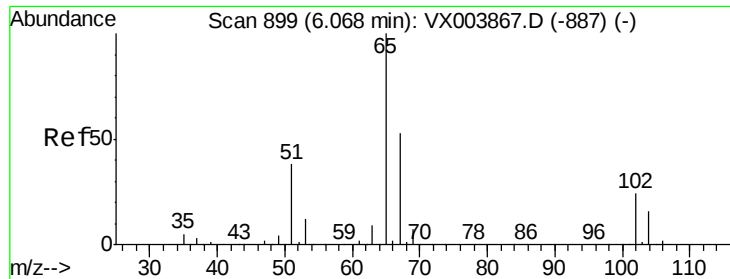
20000

10000

0

Time--> 5.50 5.60 5.70

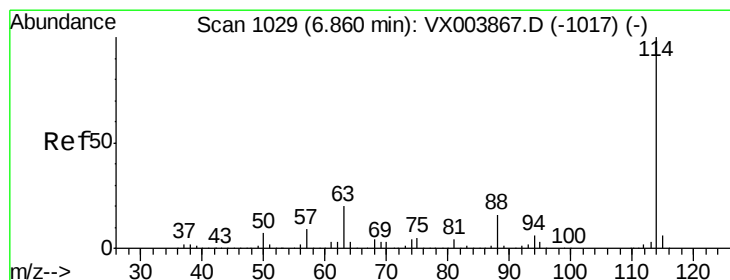
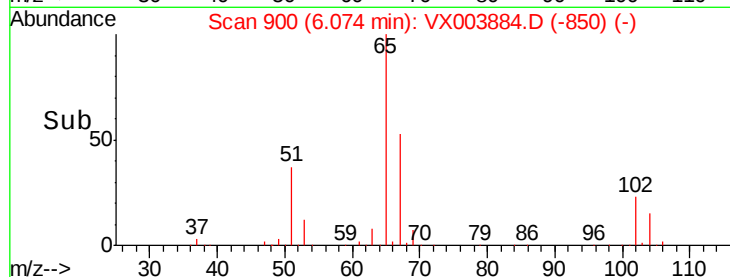
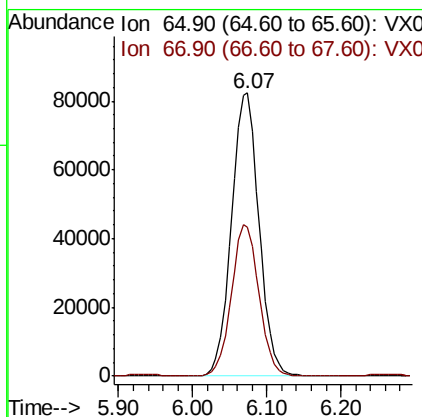
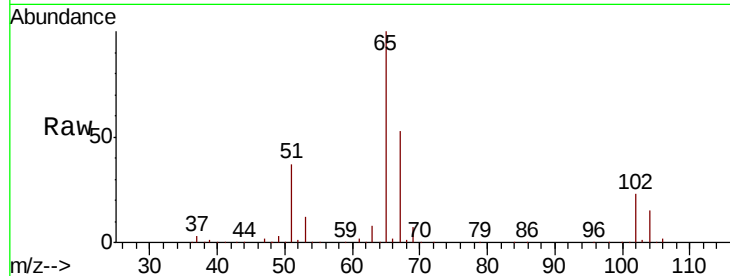




#33
 1,2-Dichloroethane-d4
 Concen: 49.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003884.D
 Acq: 07 Aug 2018 16:59

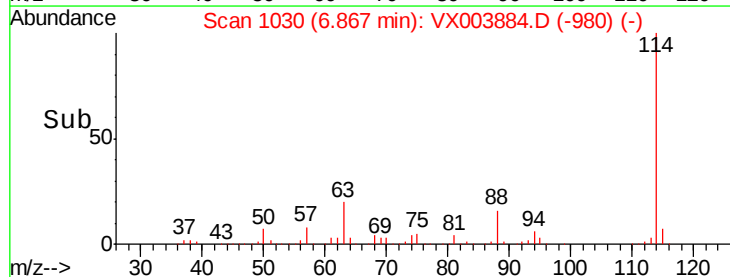
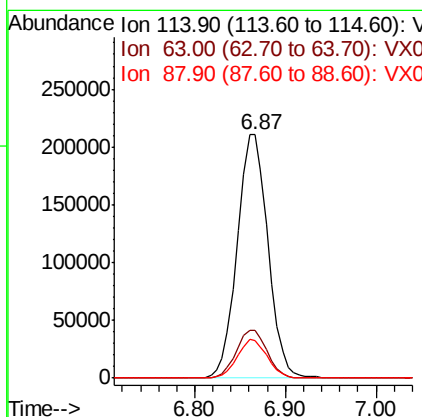
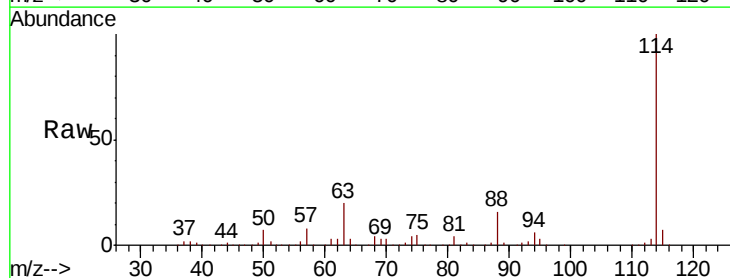
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0538DL

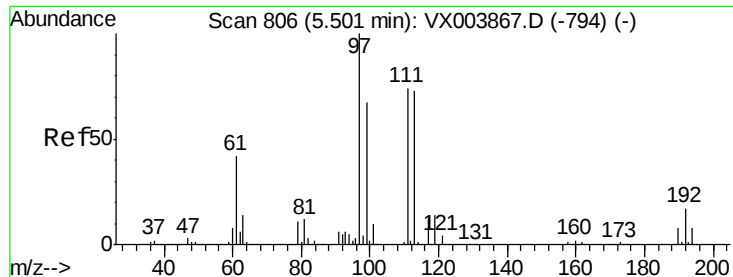
Tot Ion: 65 Resp: 214085
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003884.D
 Acq: 07 Aug 2018 16:59

Tgt Ion: 114 Resp: 494552
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.7 0.0 32.0

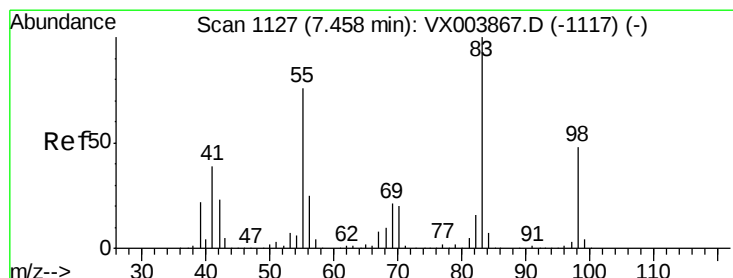
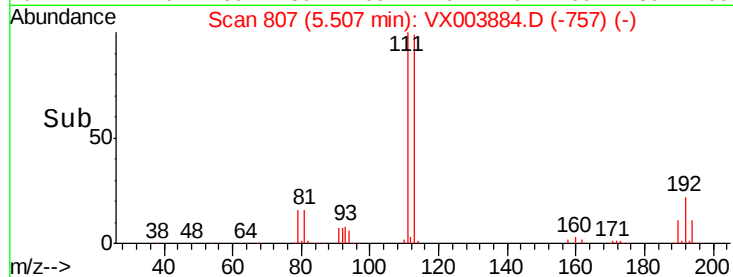
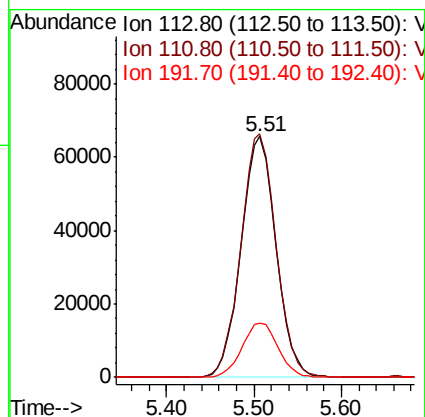
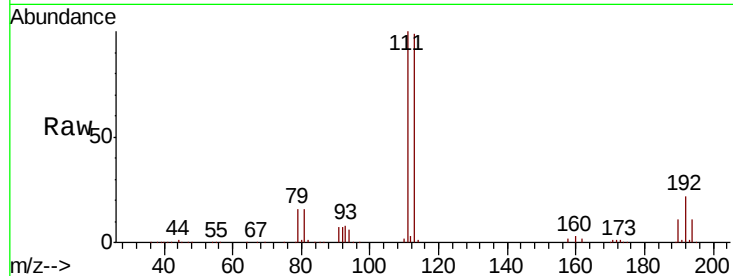




#35
 Dibromofluoromethane
 Concen: 48.56 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003884.D
 Acq: 07 Aug 2018 16:59

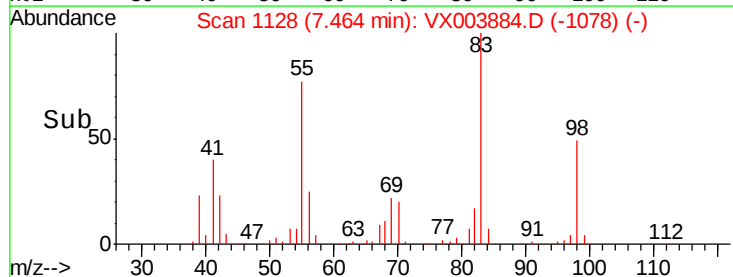
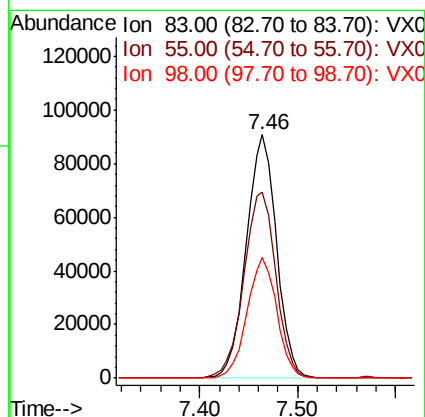
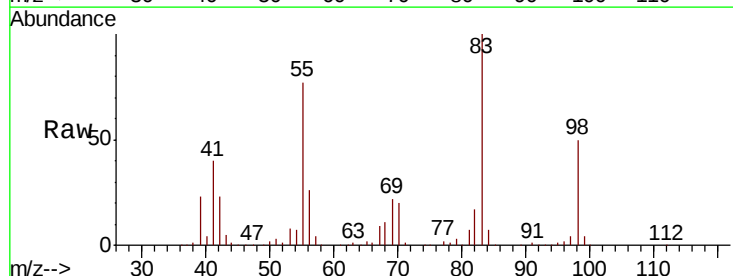
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0538DL

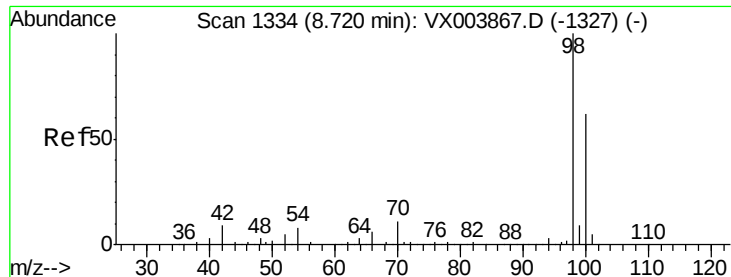
Tot Ion:113 Resp: 181952
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 23.3 19.0 28.4



#39
 Methylcyclohexane
 Concen: 29.71 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: VX003884.D
 Acq: 07 Aug 2018 16:59

Tgt Ion: 83 Resp: 194003
 Ion Ratio Lower Upper
 83 100
 55 76.6 61.0 91.6
 98 49.6 38.6 57.8





#50

Toluene-d8

Concen: 49.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003884.D

Acq: 07 Aug 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

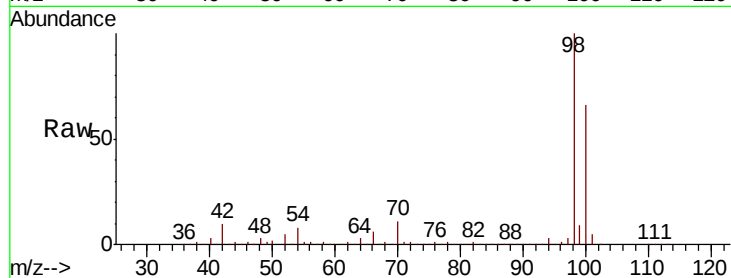
FL-0538DL

Tot Ion: 98 Resp: 717506

Ion Ratio Lower Upper

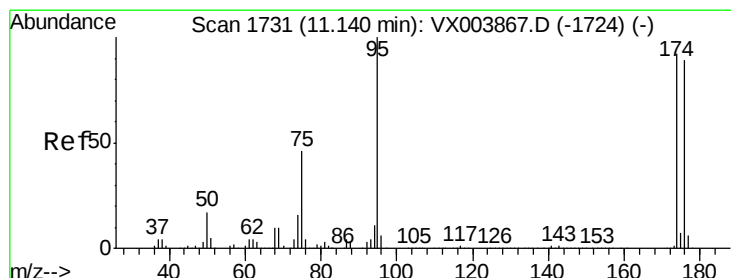
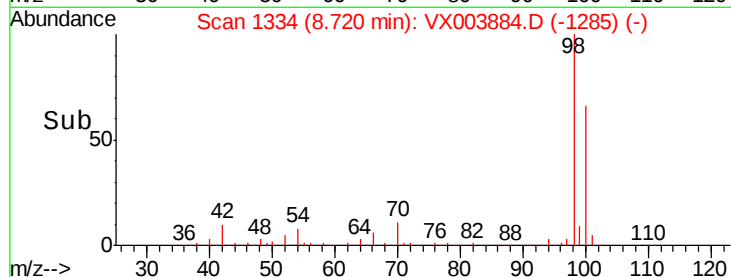
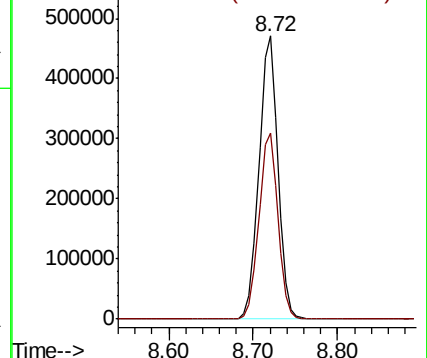
98 100

100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003884.D

Acq: 07 Aug 2018 16:59

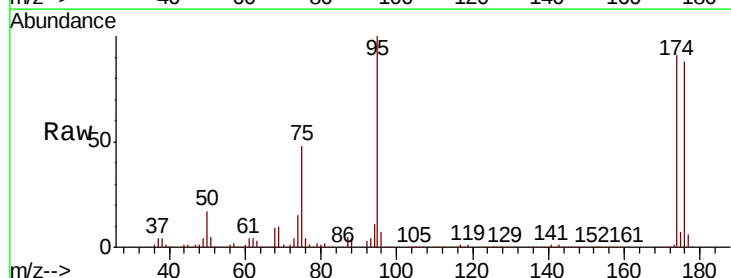
Tgt Ion: 95 Resp: 257290

Ion Ratio Lower Upper

95 100

174 89.5 0.0 182.8

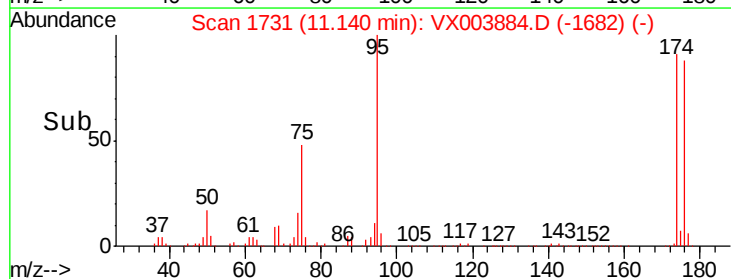
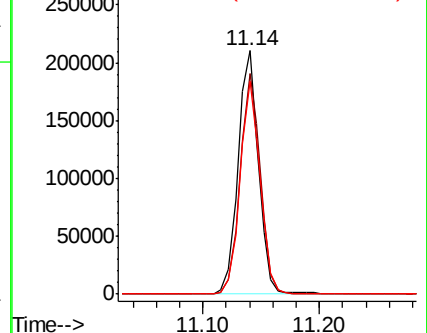
176 85.5 0.0 179.0

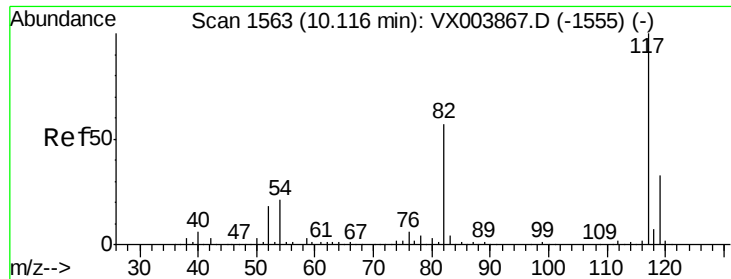


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

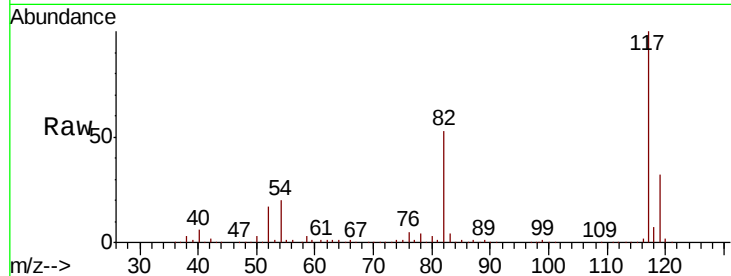




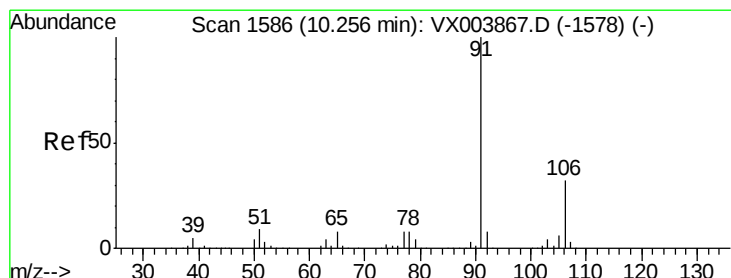
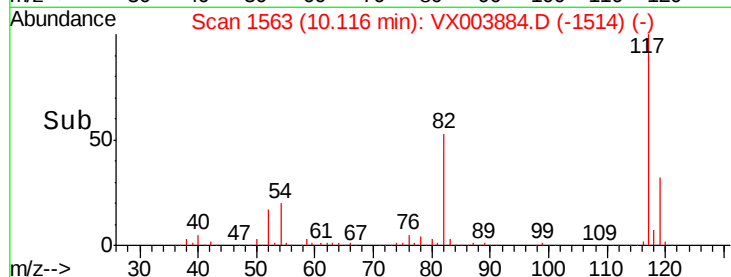
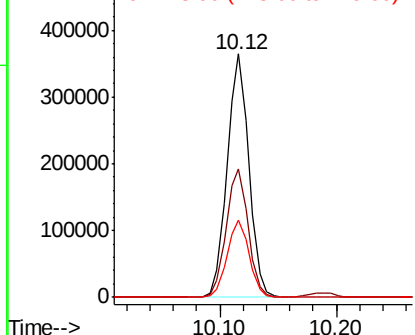
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003884.D
Acq: 07 Aug 2018 16:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0538DL

Tot Ion:117 Resp: 469263
Ion Ratio Lower Upper
117 100
82 52.8 45.4 68.0
119 31.9 26.6 40.0

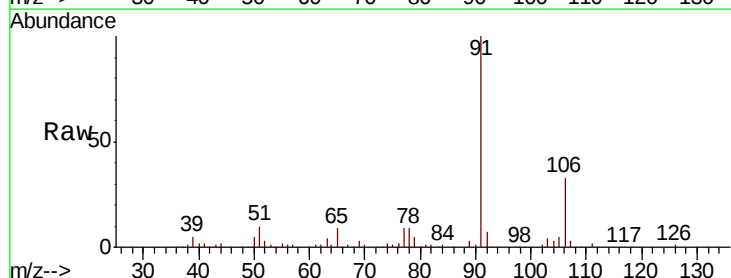


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

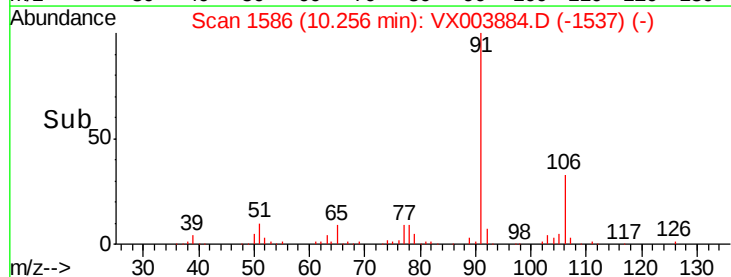
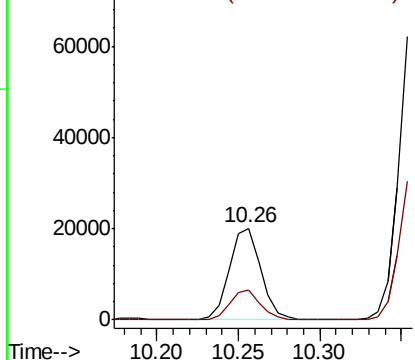


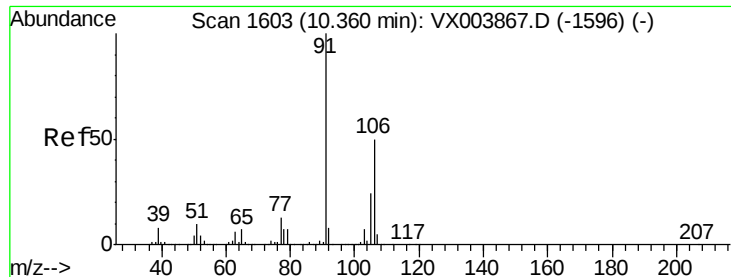
#67
Ethyl Benzene
Concen: 1.34 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003884.D
Acq: 07 Aug 2018 16:59

Tgt Ion: 91 Resp: 26836
Ion Ratio Lower Upper
91 100
106 32.7 25.9 38.9



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

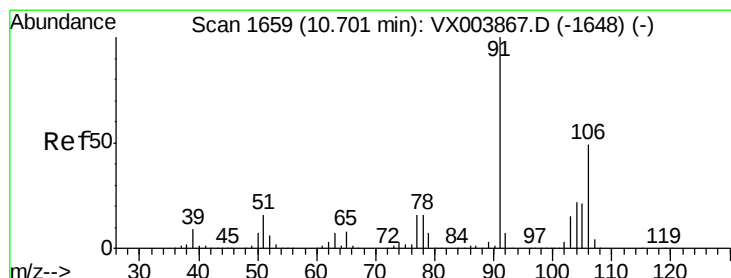
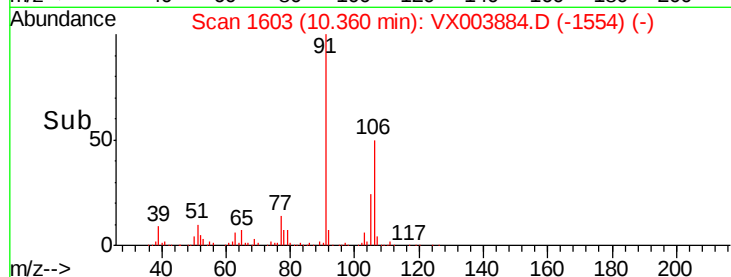
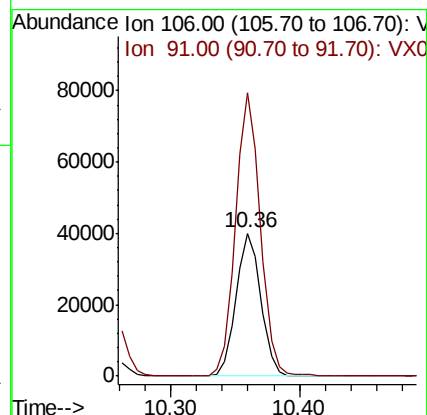
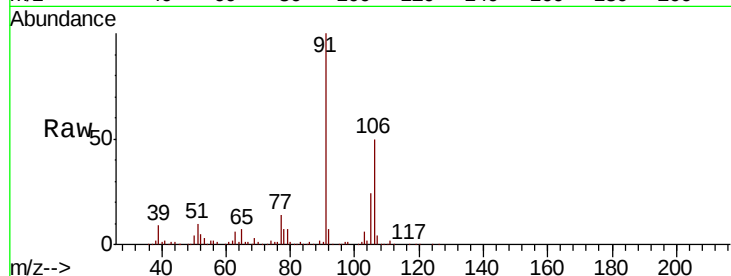




#68
m/p-Xylenes
Concen: 6.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003884.D
Acq: 07 Aug 2018 16:59

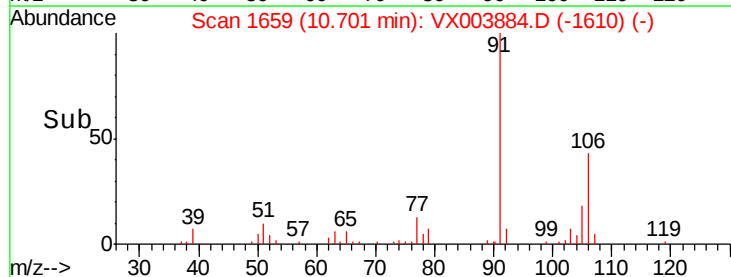
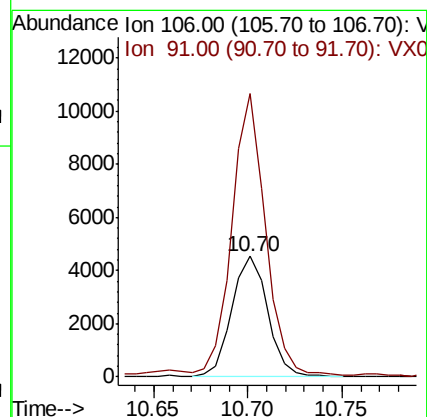
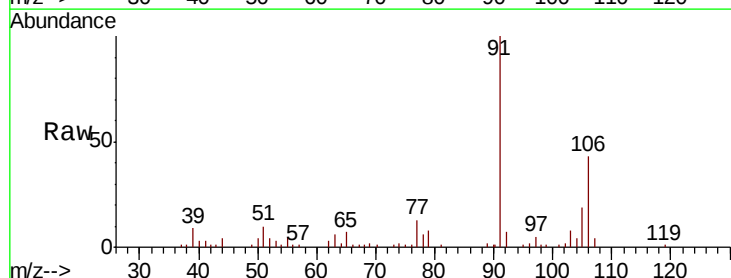
Instrument :
MSVOA_X
ClientSampled :
FL-0538DL

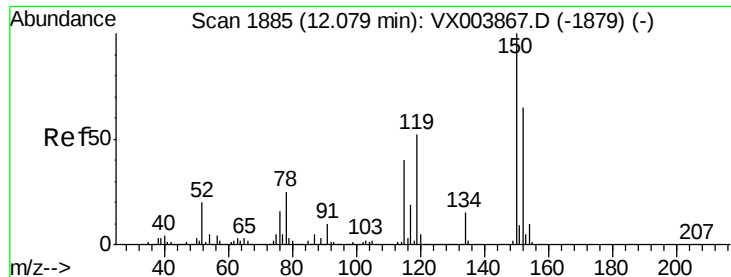
Tot Ion:106 Resp: 54061
Ion Ratio Lower Upper
106 100
91 196.9 162.3 243.5



#69
o-Xylene
Concen: 0.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003884.D
Acq: 07 Aug 2018 16:59

Tgt Ion:106 Resp: 6032
Ion Ratio Lower Upper
106 100
91 214.5 101.9 305.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003884.D

Acq: 07 Aug 2018 16:59

Instrument :

MSVOA_X

ClientSampleId :

FL-0538DL

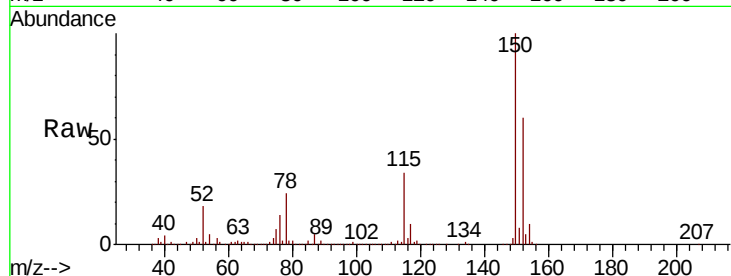
Tot Ion:152 Resp: 244696

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.3

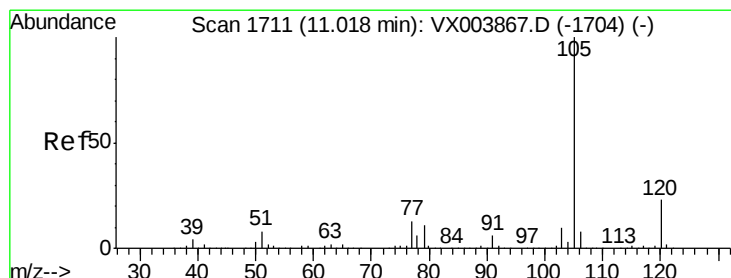
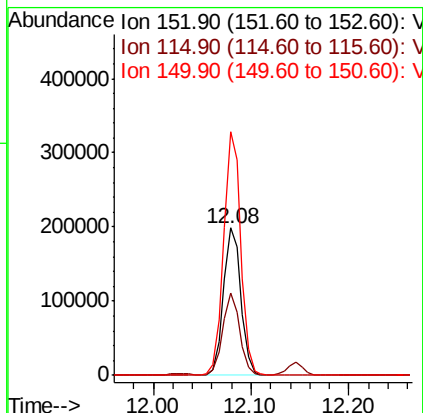
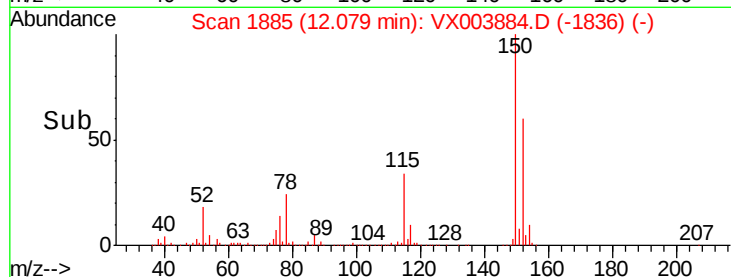
150 162.2 0.0 349.2



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: 6.63 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003884.D

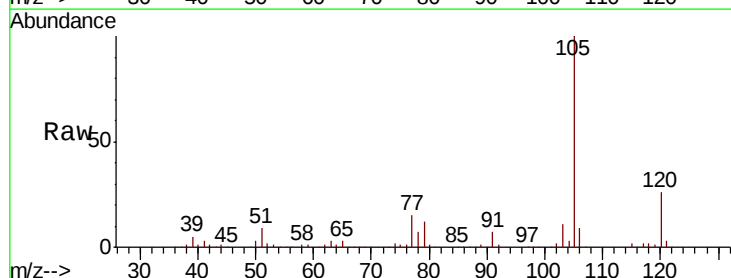
Acq: 07 Aug 2018 16:59

Tgt Ion:105 Resp: 120071

Ion Ratio Lower Upper

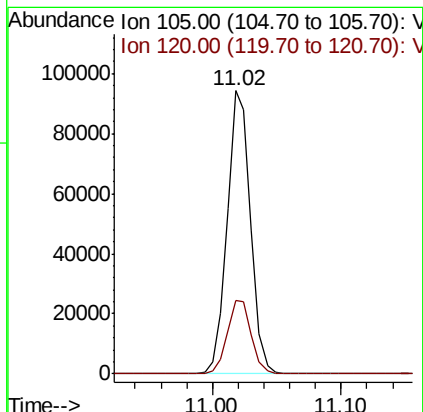
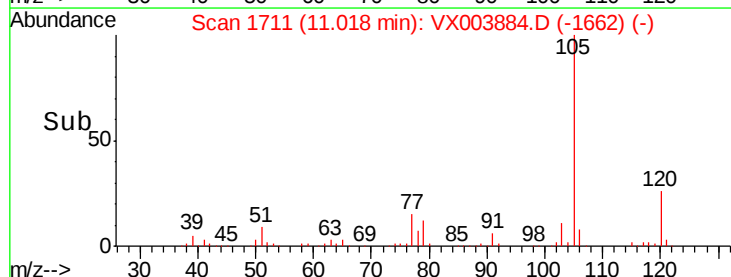
105 100

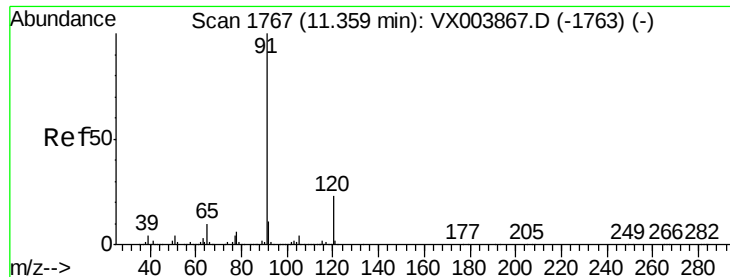
120 26.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 10.99 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003884.D

Acq: 07 Aug 2018 16:59

Instrument :

MSVOA_X

ClientSampleId :

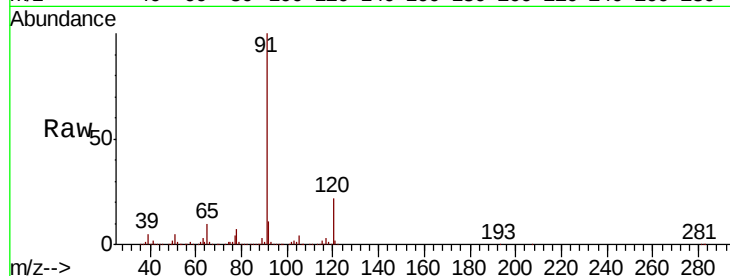
FL-0538DL

Tot Ion: 91 Resp: 223363

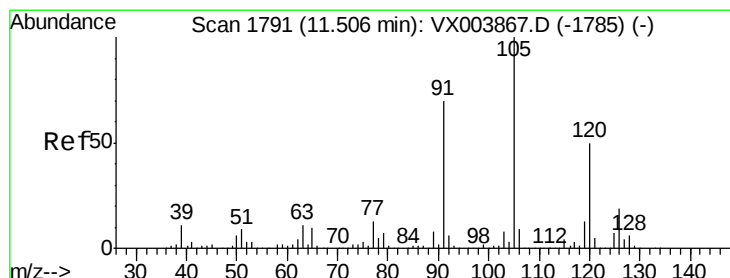
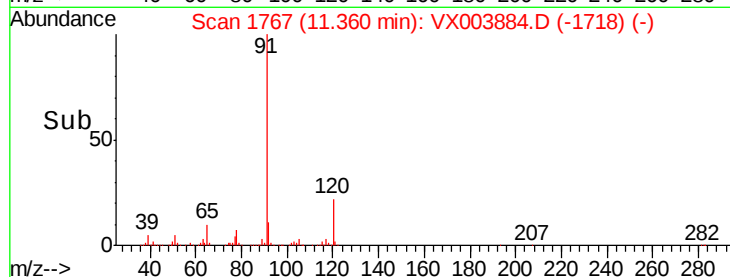
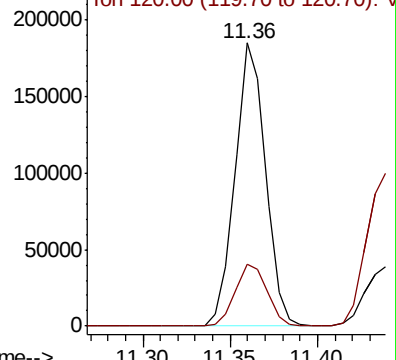
Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1763) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.82 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003884.D

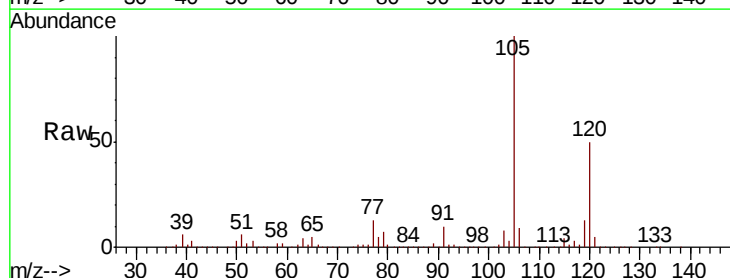
Acq: 07 Aug 2018 16:59

Tgt Ion:105 Resp: 322068

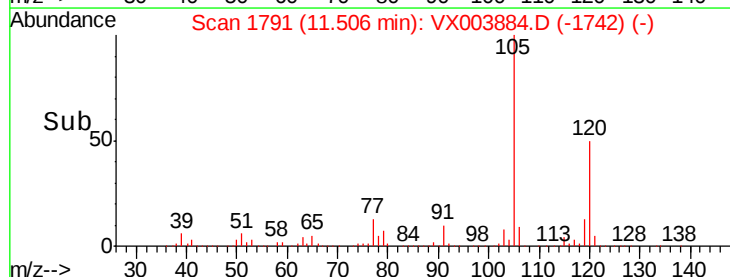
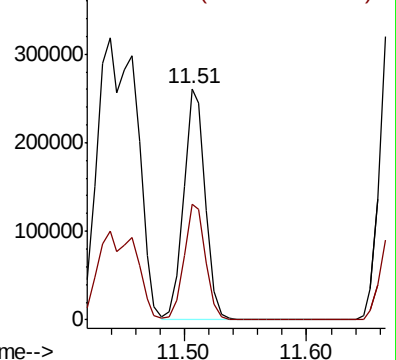
Ion Ratio Lower Upper

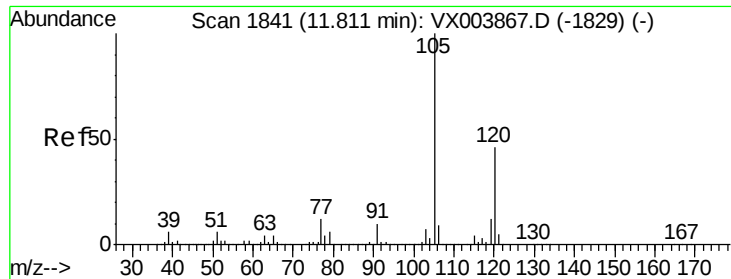
105 100

120 50.2 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): VX003867.D (-1785) (-)

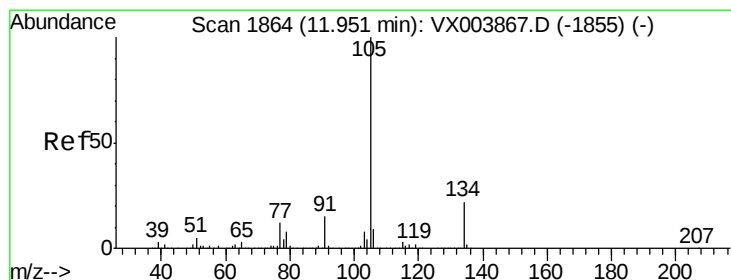
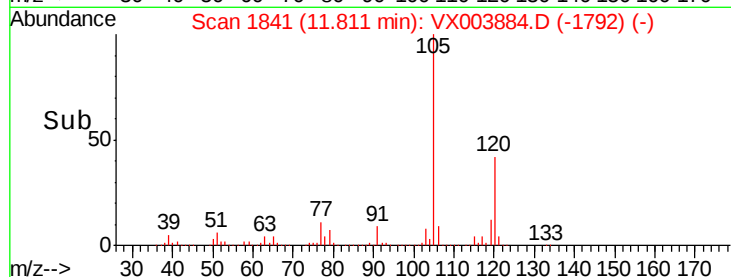
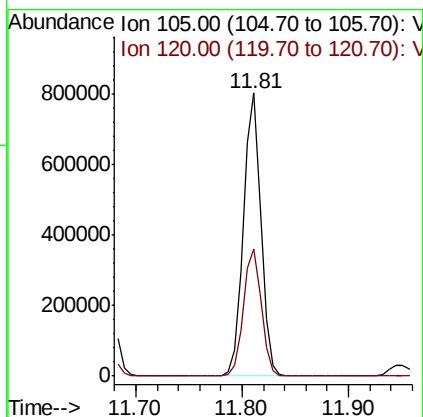
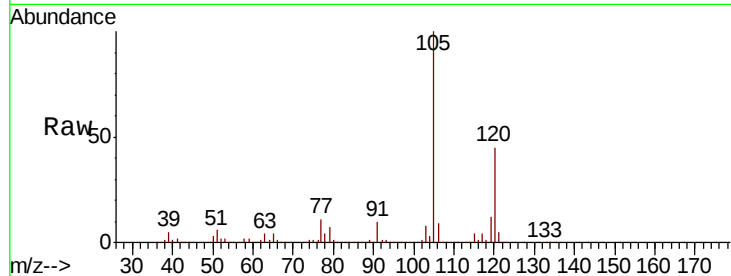




#84
 1,2,4-Trimethylbenzene
 Concen: 62.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003884.D
 Acq: 07 Aug 2018 16:59

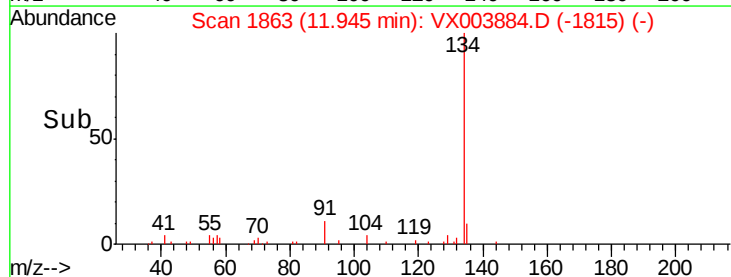
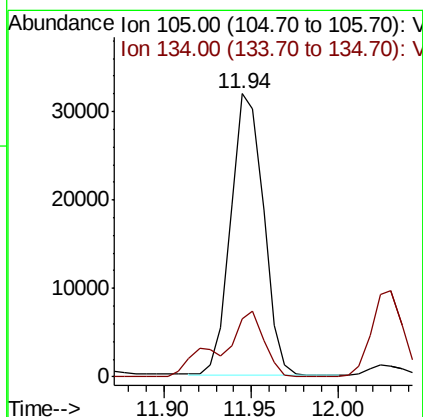
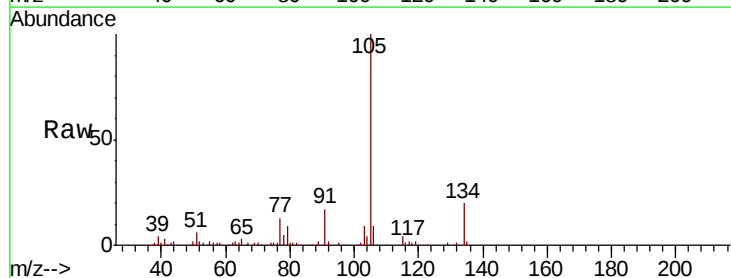
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0538DL

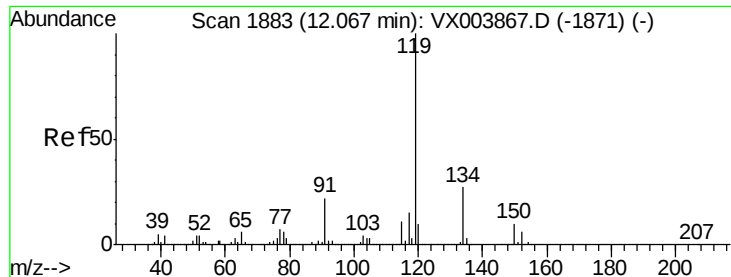
Tot Ion:105 Resp: 926382
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 2.43 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003884.D
 Acq: 07 Aug 2018 16:59

Tgt Ion:105 Resp: 41577
 Ion Ratio Lower Upper
 105 100
 134 30.9 10.3 30.9

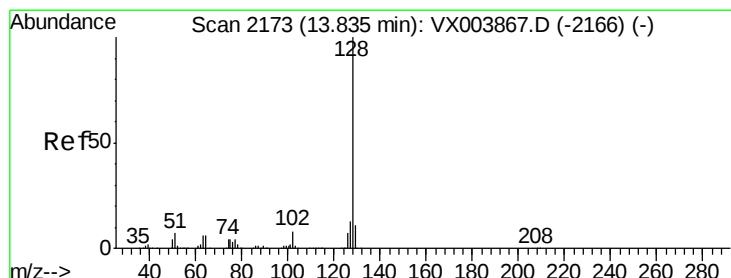
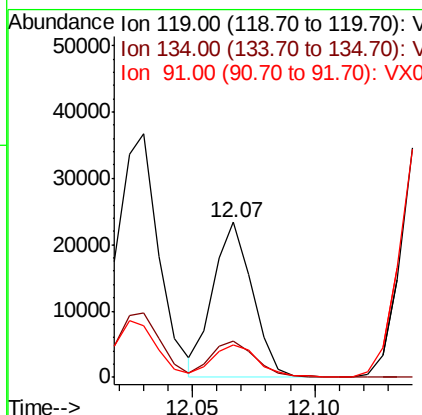
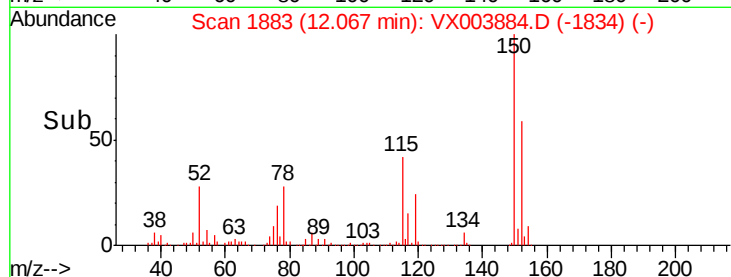
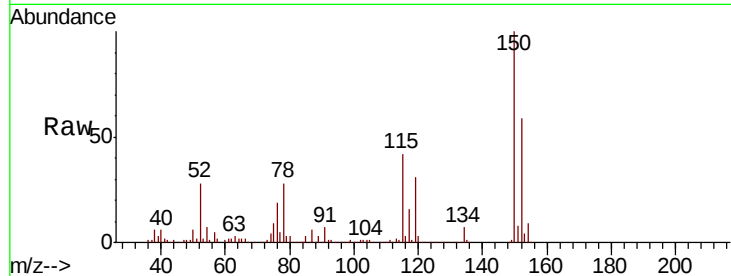




#86
p-Isopropyltoluene
Concen: 1.69 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003884.D
Acq: 07 Aug 2018 16:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0538DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.8
91	23.7	10.9	32.7



#95
Naphthalene
Concen: 6.47 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003884.D
Acq: 07 Aug 2018 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	12.3	8.8	13.2

