

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010958.D
 Acq On : 18 Jul 2019 14:59
 Operator : JC/SP
 Sample : K3791-13DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

Quant Time: Jul 19 02:13:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118663	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
35) Dibromofluoromethane	5.50	113	109234	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	8.71	98	432405	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	152639	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

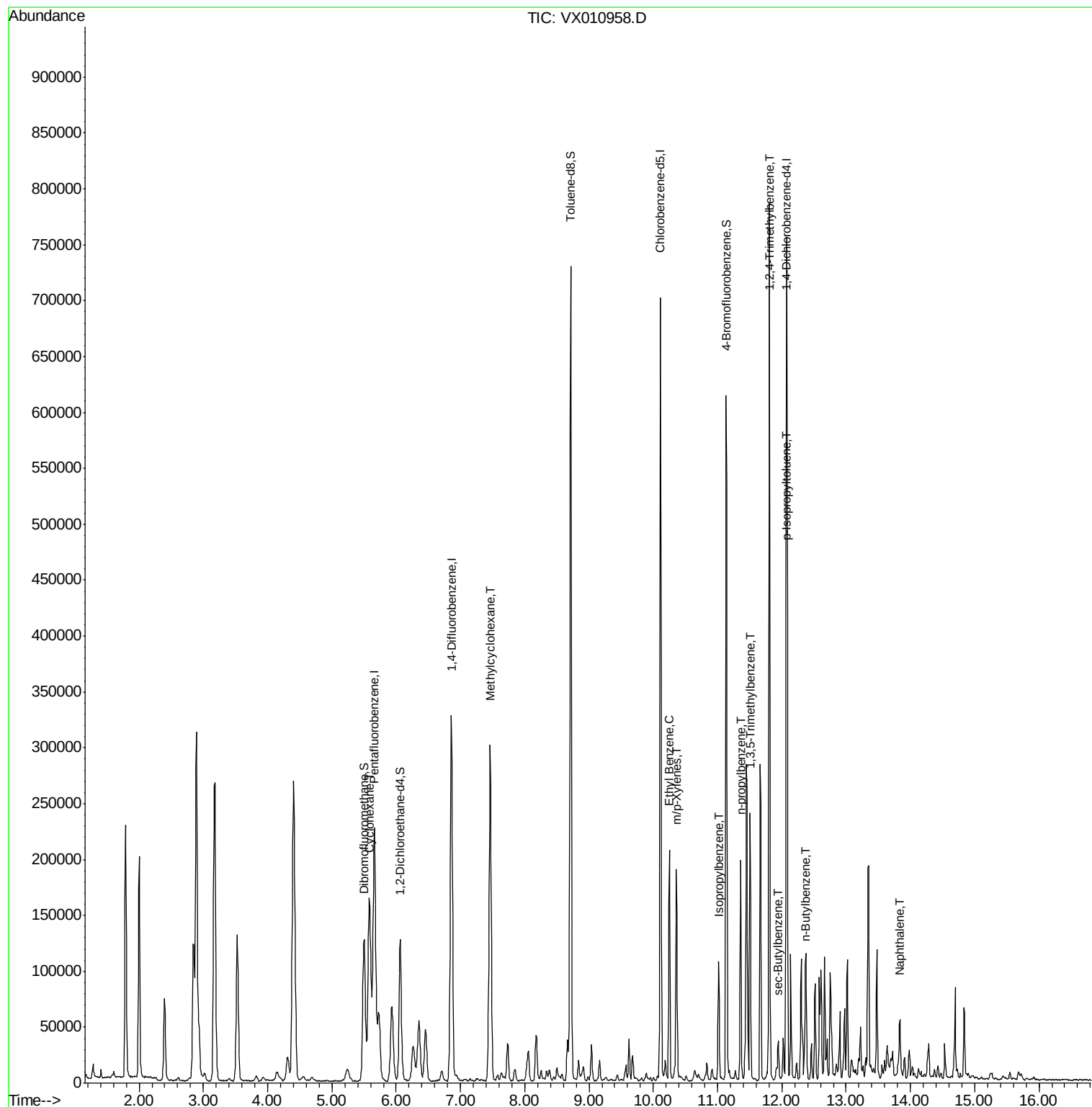
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	117261	35.604	ug/l	97
39) Methylcyclohexane	7.46	83	142962	37.943	ug/l	99
67) Ethyl Benzene	10.25	91	114548	9.944	ug/l	98
68) m/p-Xylenes	10.36	106	41842	9.470	ug/l	94
73) Isopropylbenzene	11.02	105	53006	4.833	ug/l	100
78) n-propylbenzene	11.36	91	116920	9.649	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	101289	11.053	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	338054	36.600	ug/l	98
85) sec-Butylbenzene	11.94	105	16931	1.605	ug/l	84
86) p-Isopropyltoluene	12.06	119	15364	1.576	ug/l	95
89) n-Butylbenzene	12.38	91	17029	2.041	ug/l #	28
95) Naphthalene	13.83	128	31943	3.068	ug/l #	96

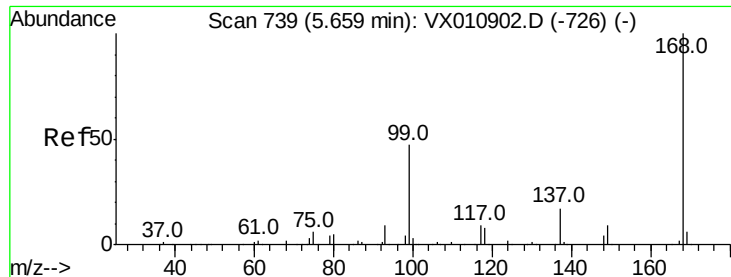
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

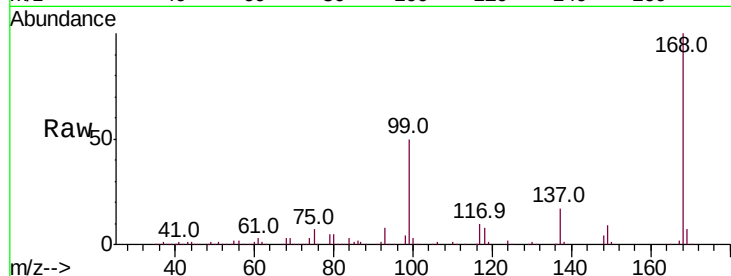
FL-0604DL

Tot Ion:168 Resp: 228011

Ion Ratio Lower Upper

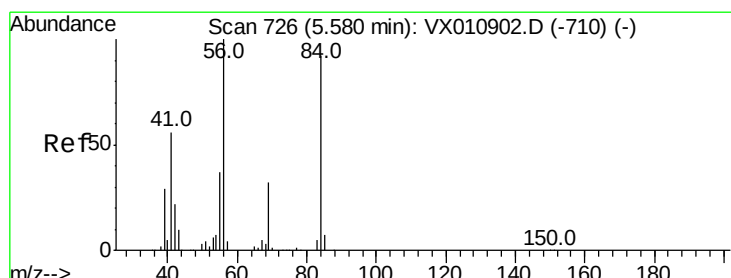
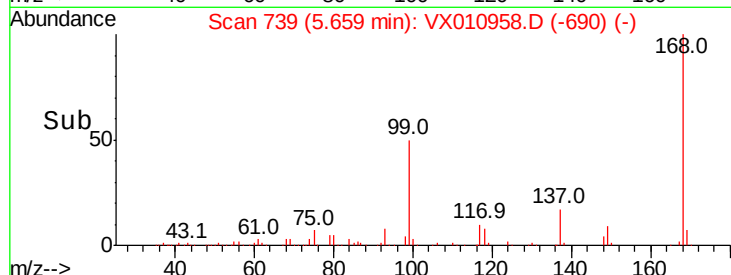
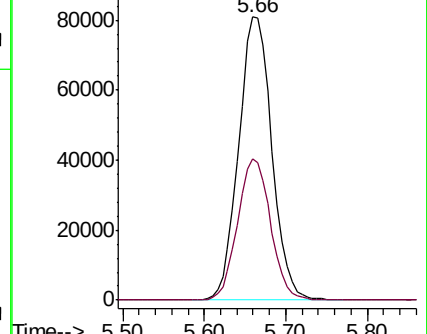
168 100

99 49.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 35.604 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

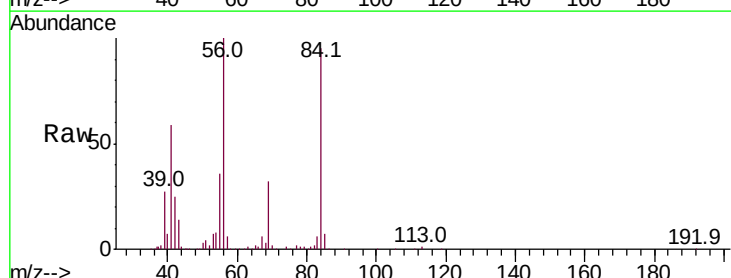
Tgt Ion: 56 Resp: 117261

Ion Ratio Lower Upper

56 100

69 31.5 25.8 38.8

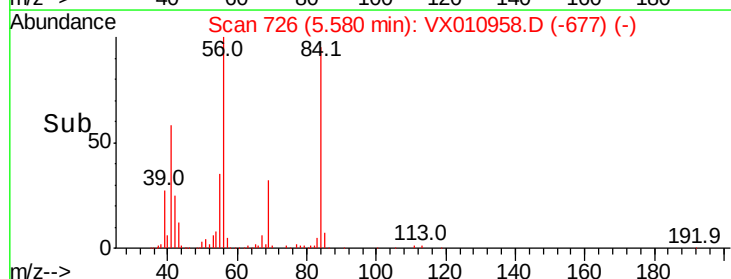
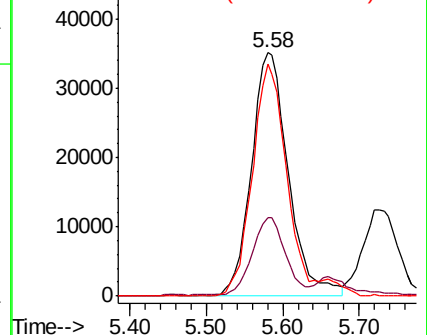
84 95.4 73.8 110.6

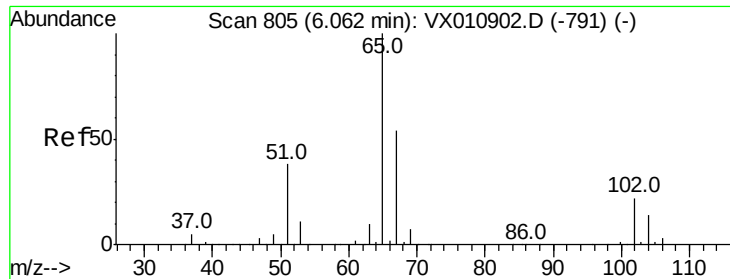


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

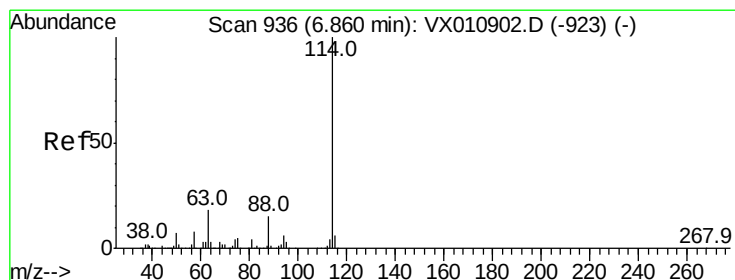
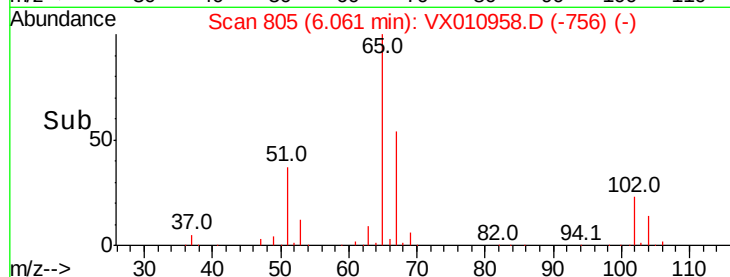
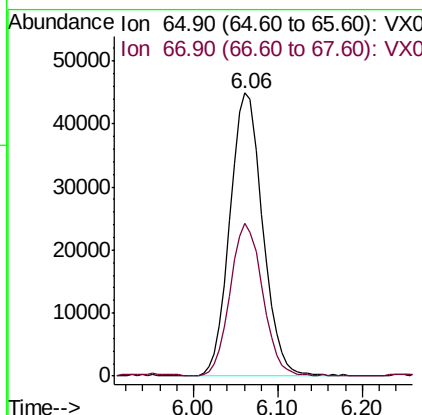
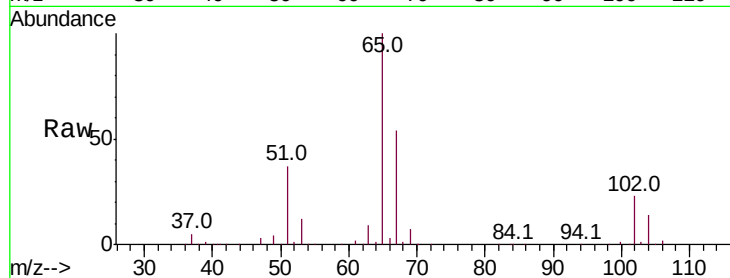




#33
 1,2-Dichloroethane-d4
 Concen: 48.919 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

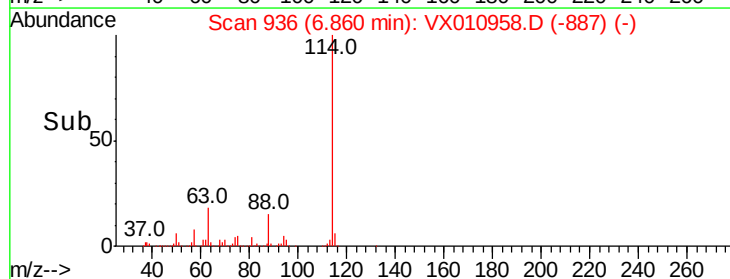
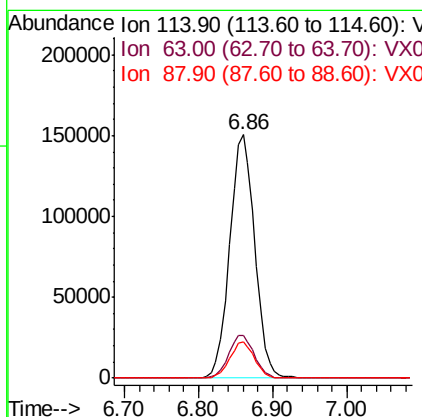
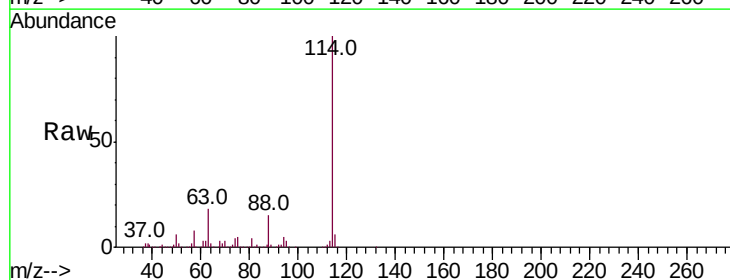
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

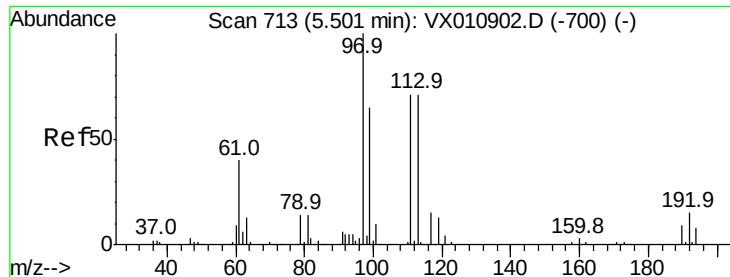
Tot Ion: 65 Resp: 118663
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion: 114 Resp: 353715
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.6
 88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.654 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

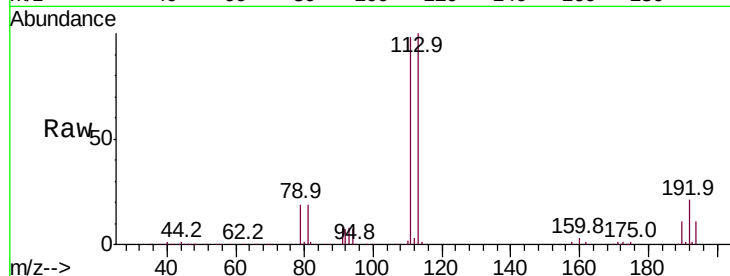
Tot Ion:113 Resp: 109234

Ion Ratio Lower Upper

113 100

111 100.2 82.3 123.5

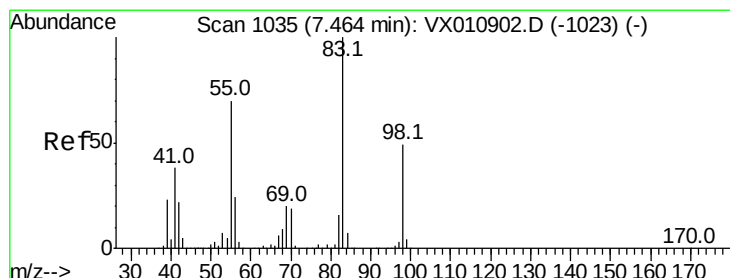
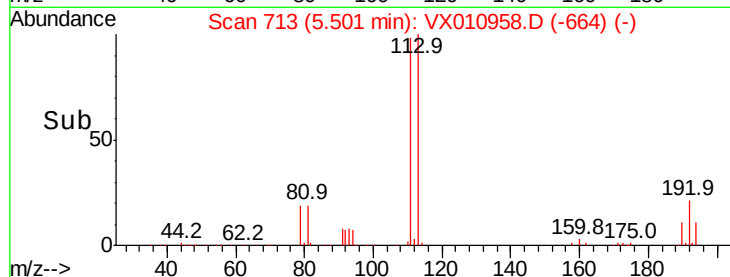
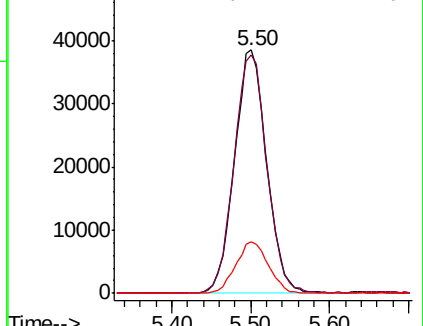
192 21.6 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39

Methylcyclohexane

Concen: 37.943 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

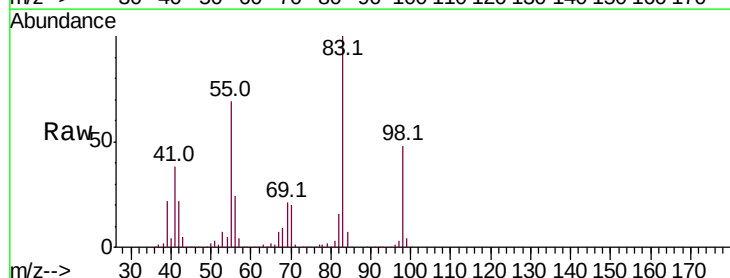
Tgt Ion: 83 Resp: 142962

Ion Ratio Lower Upper

83 100

55 69.1 56.2 84.4

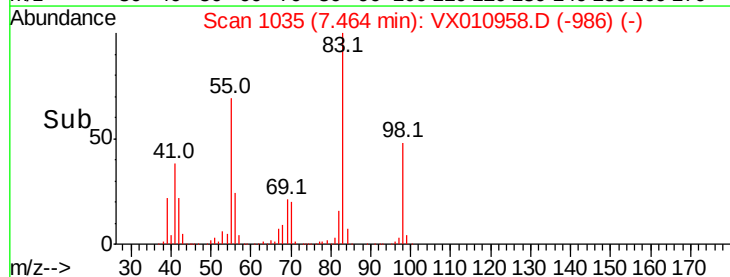
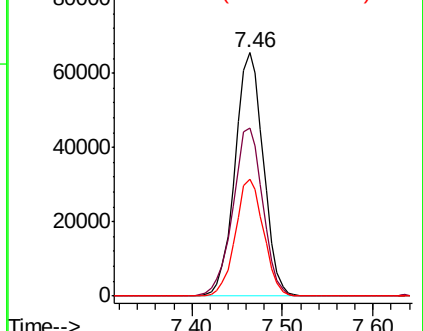
98 48.1 39.0 58.4

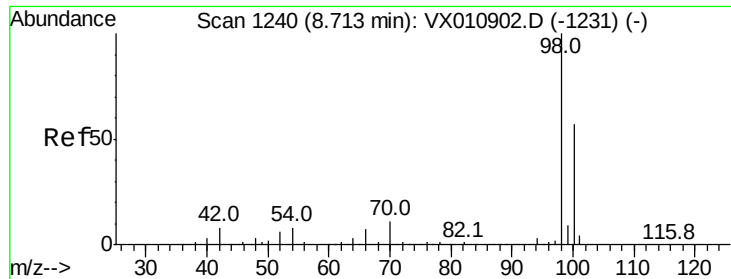


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

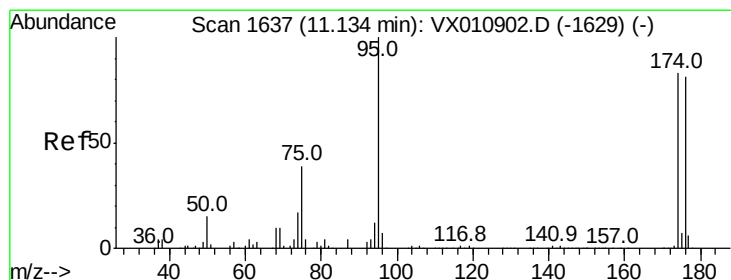
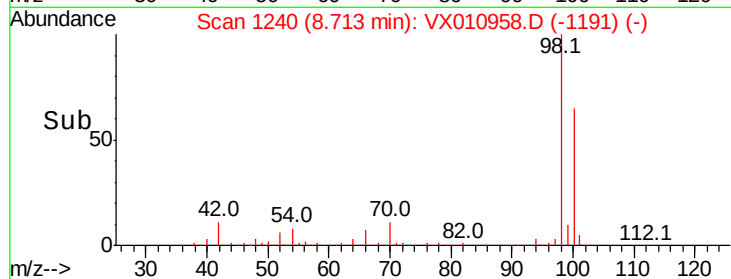
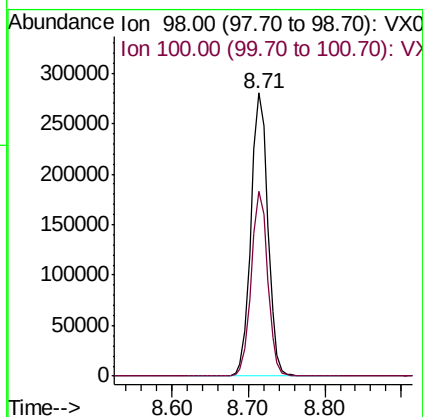
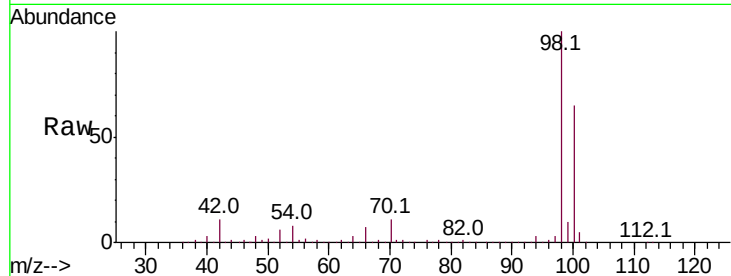




#50
Toluene-d8
Concen: 51.351 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

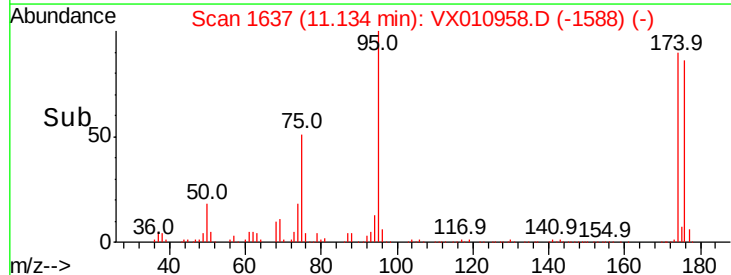
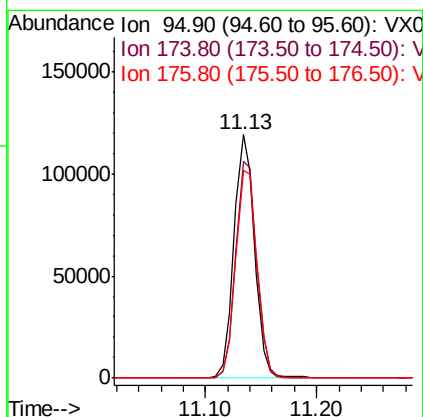
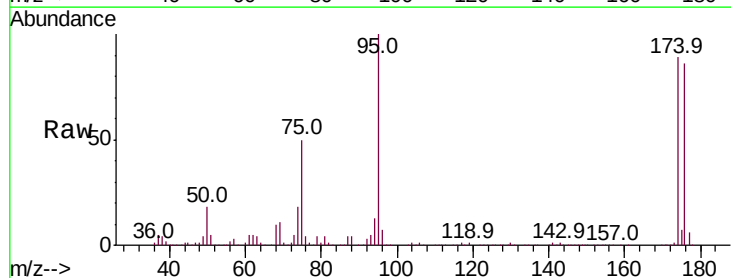
Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

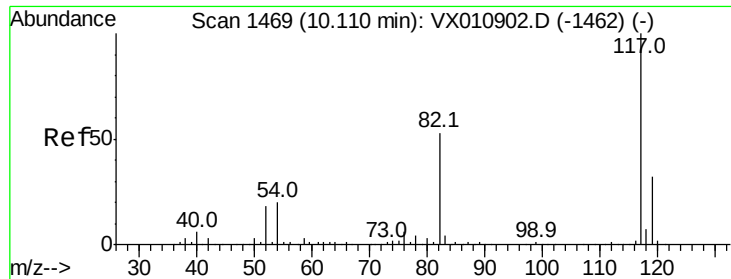
Tot Ion: 98 Resp: 432405
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 95 Resp: 152639
Ion Ratio Lower Upper
95 100
174 90.7 0.0 180.6
176 88.7 0.0 173.8

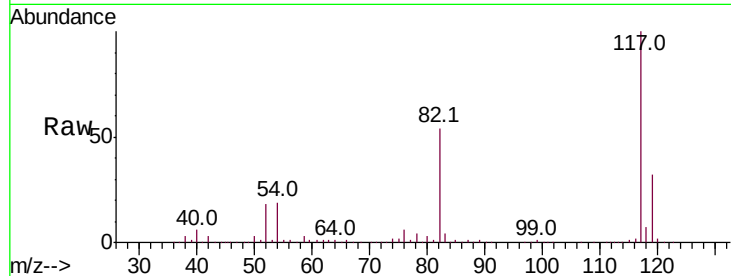




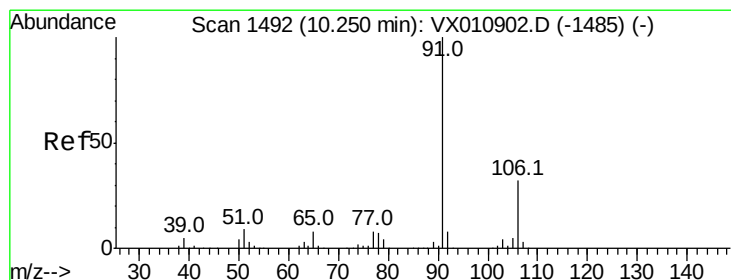
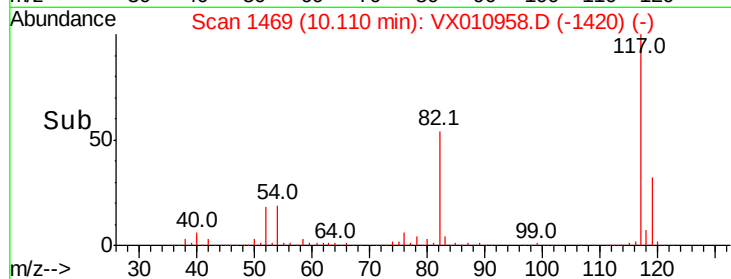
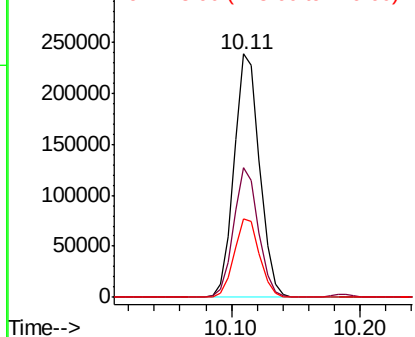
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

Tot Ion:117 Resp: 329490
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 32.1 25.9 38.9

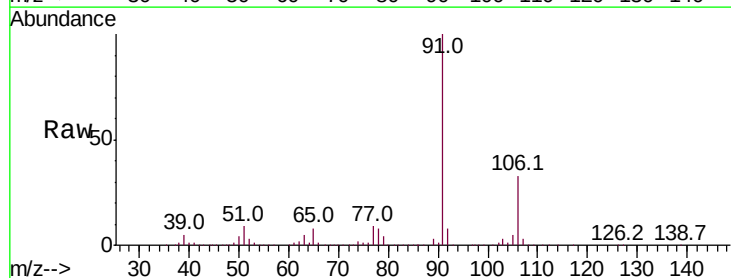


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

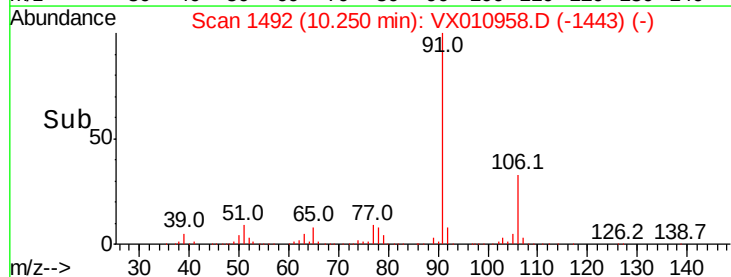
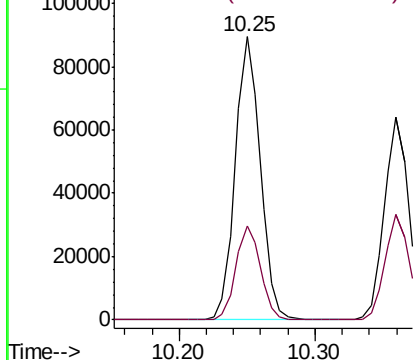


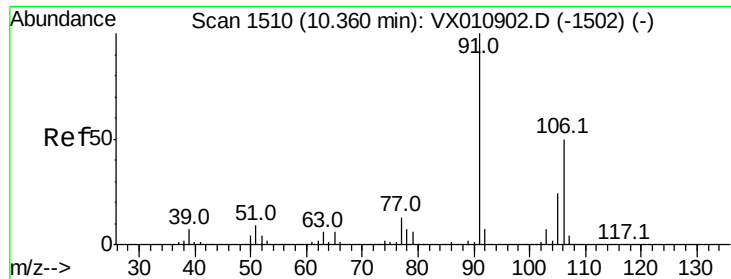
#67
Ethyl Benzene
Concen: 9.944 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 91 Resp: 114548
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.2



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

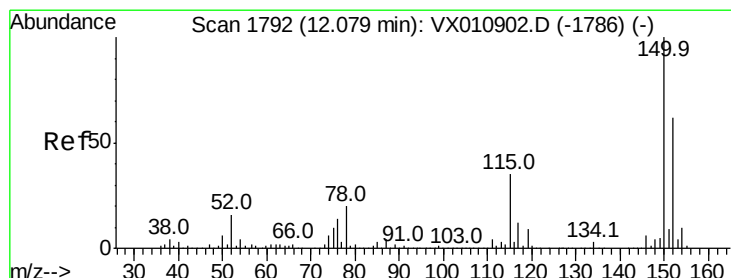
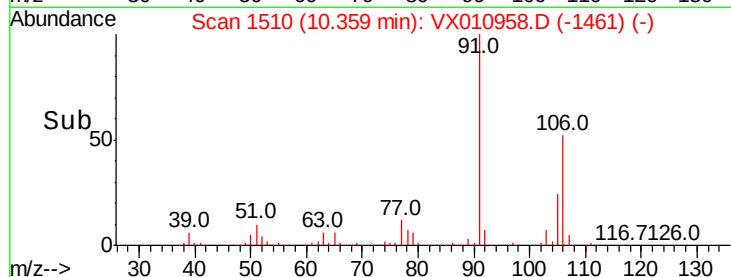
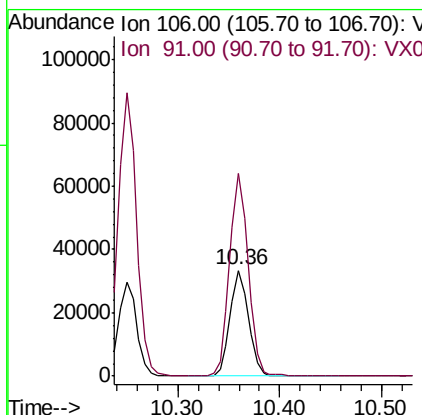
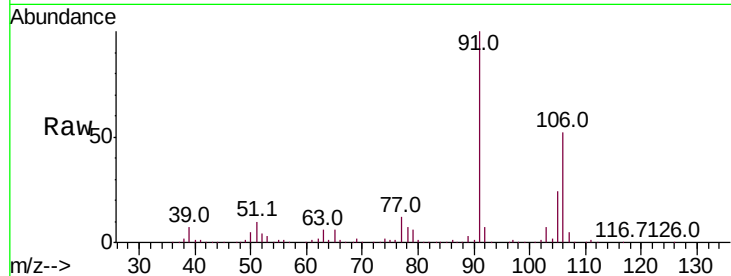




#68
m/p-Xvlenes
Concen: 9.470 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

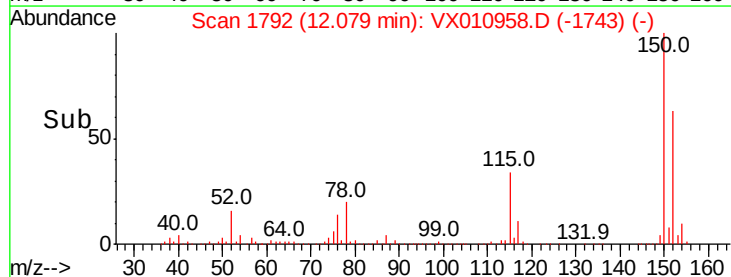
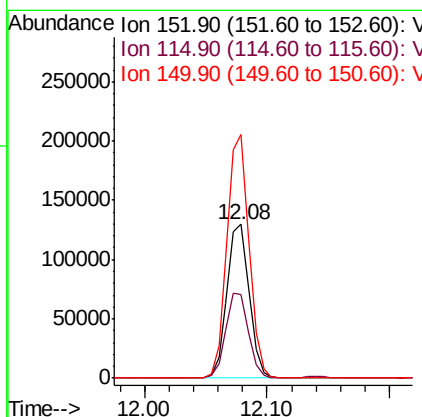
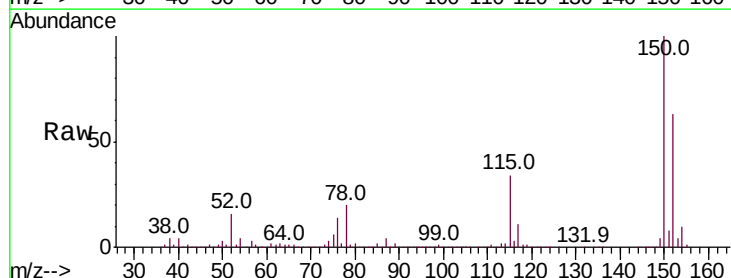
Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

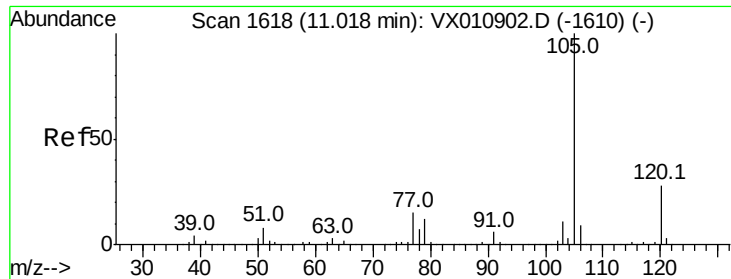
Tot Ion:106 Resp: 41842
Ion Ratio Lower Upper
106 100
91 191.4 160.1 240.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion:152 Resp: 162308
Ion Ratio Lower Upper
152 100
115 56.0 39.7 119.1
150 157.4 0.0 345.6





#73

Isopropylbenzene

Concen: 4.833 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

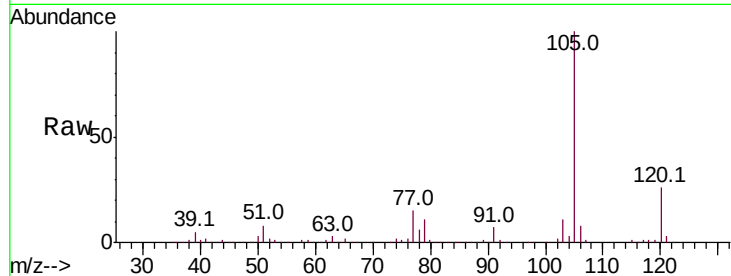
FL-0604DL

Tot Ion:105 Resp: 53006

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1

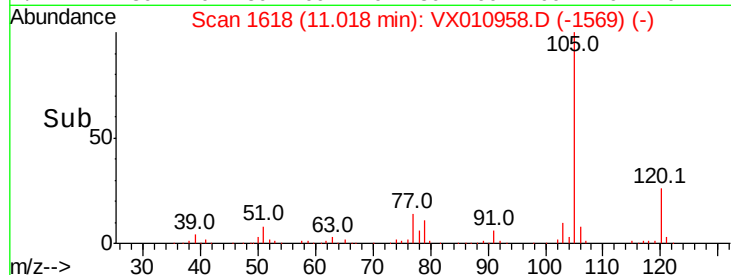


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

Time-->



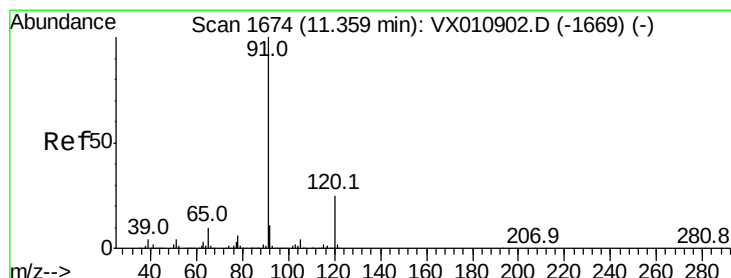
Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

Time-->



#78

n-propylbenzene

Concen: 9.649 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010958.D

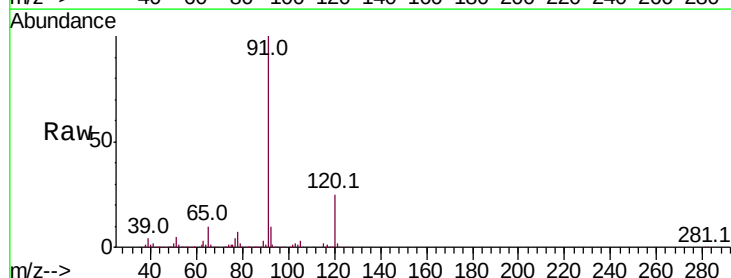
Acq: 18 Jul 2019 14:59

Tgt Ion: 91 Resp: 116920

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8

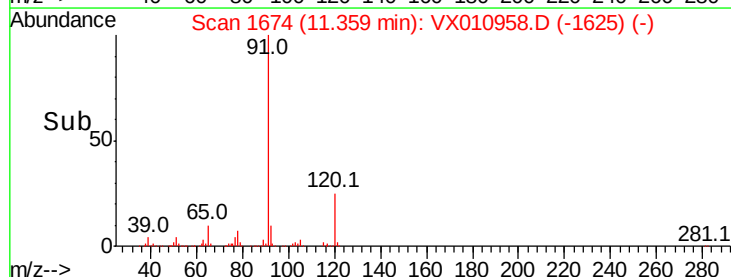


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

Time-->



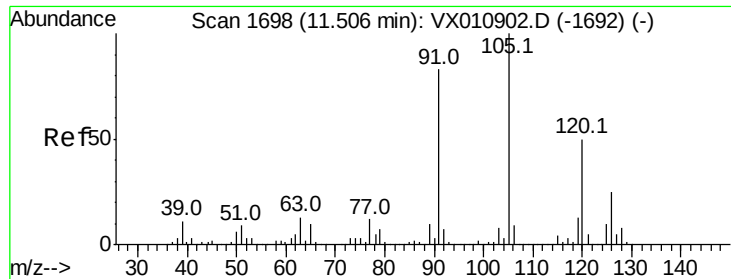
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

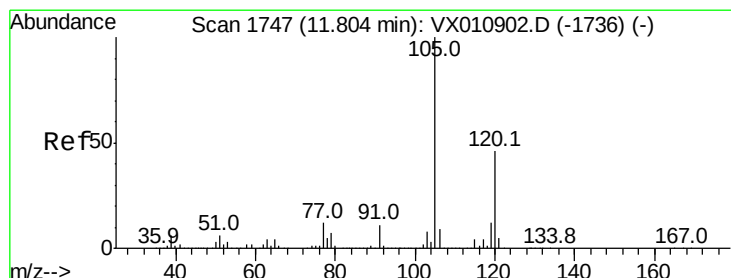
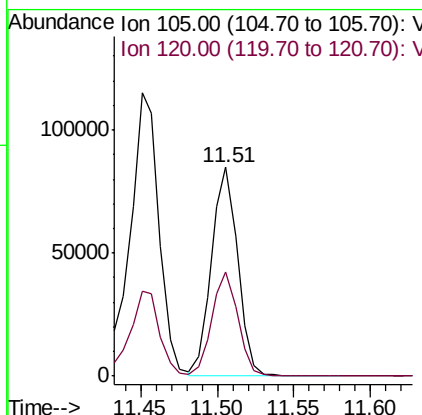
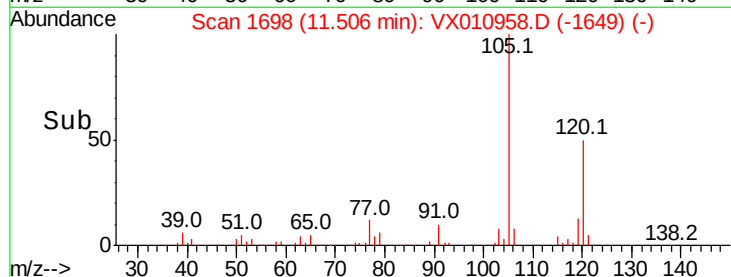
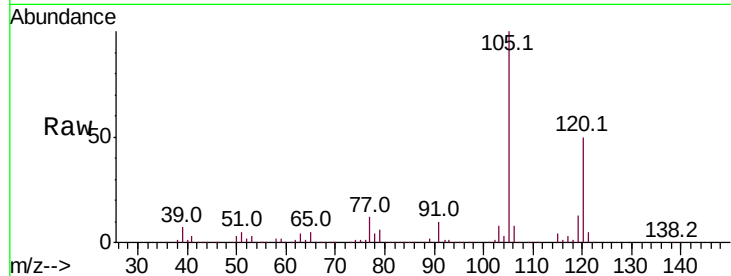
Time-->



#80
 1,3,5-Trimethylbenzene
 Concen: 11.053 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

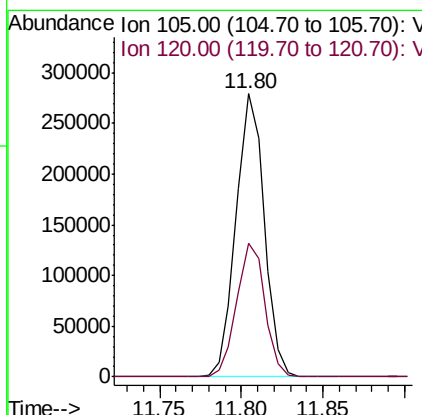
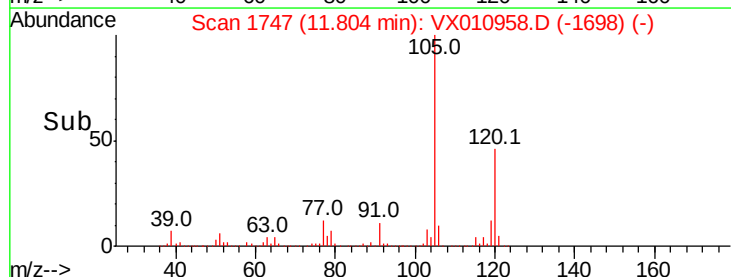
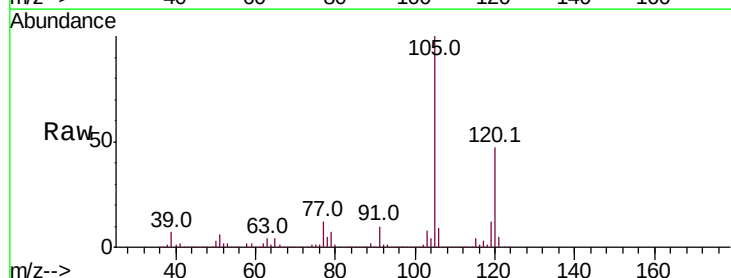
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604DL

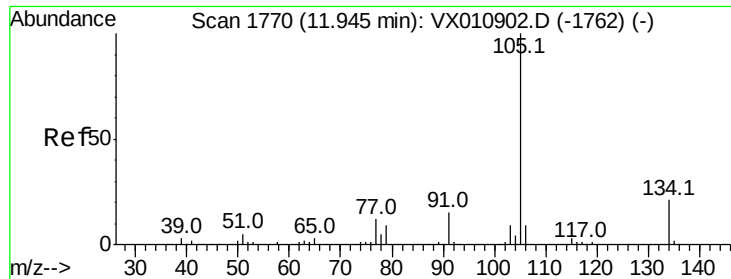
Tot Ion:105 Resp: 101289
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 36.600 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion:105 Resp: 338054
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.9 68.5

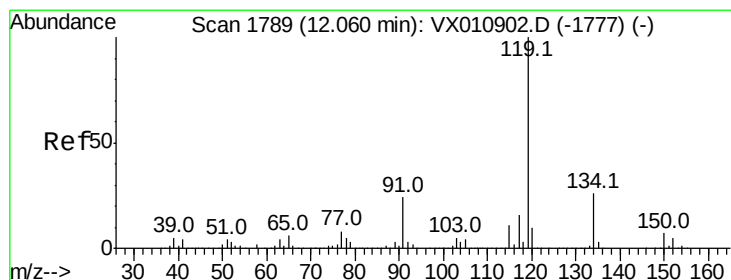
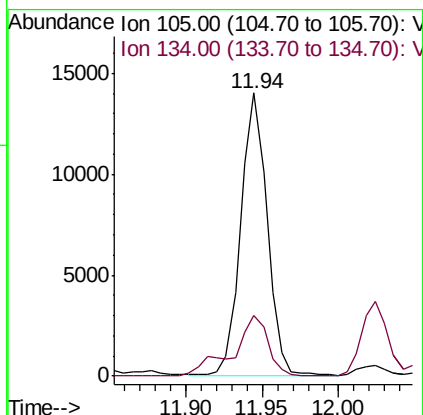
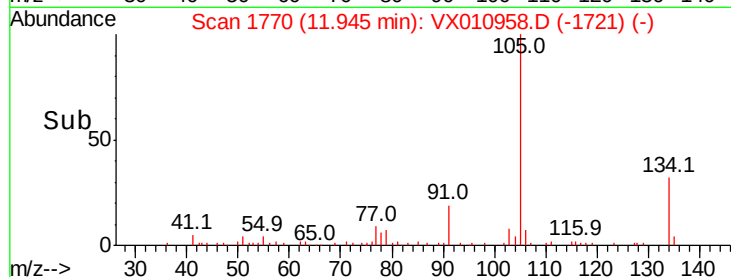
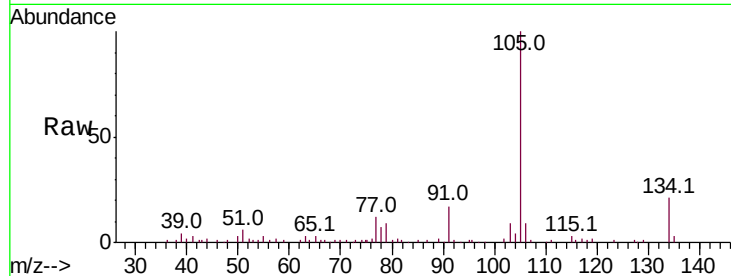




#85
 sec-Butylbenzene
 Concen: 1.605 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

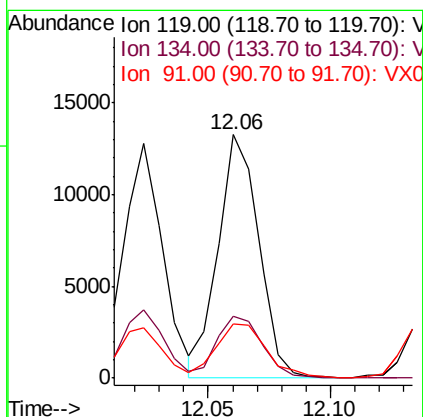
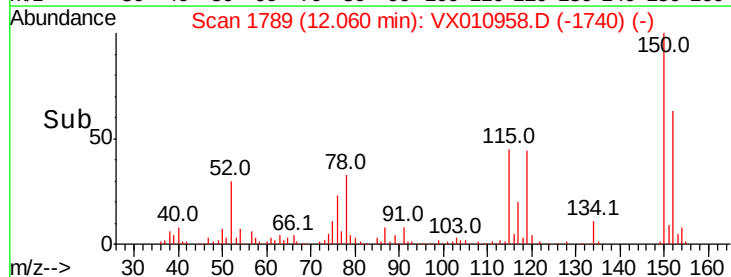
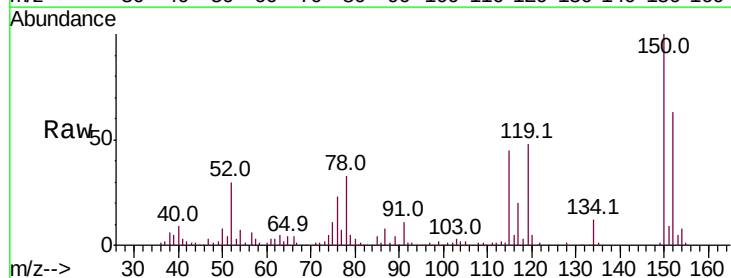
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

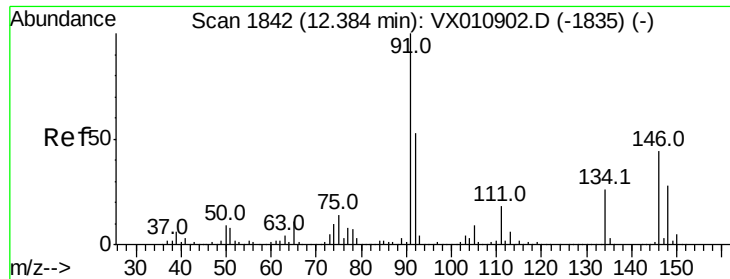
Tot Ion:105 Resp: 16931
 Ion Ratio Lower Upper
 105 100
 134 28.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 1.576 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion:119 Resp: 15364
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.4 40.1
 91 27.7 11.8 35.4

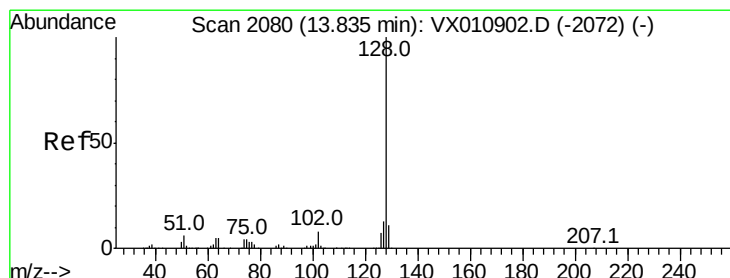
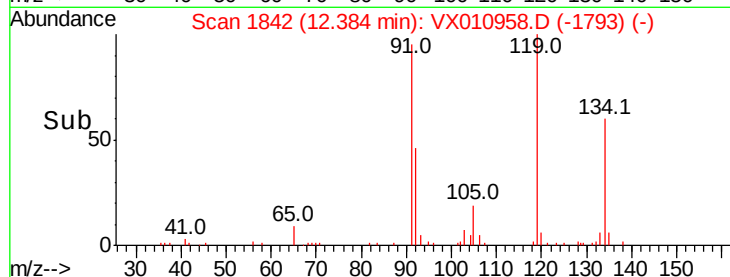
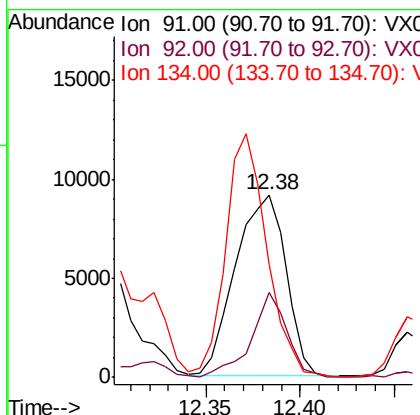
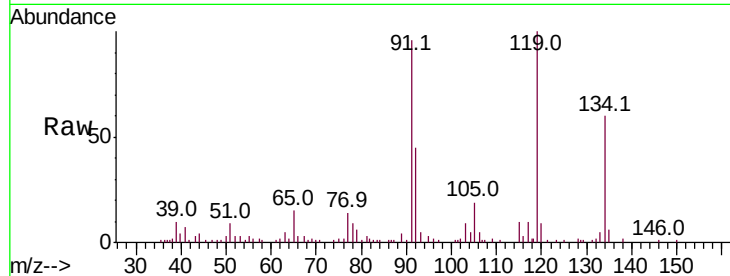




#89
n-Butylbenzene
Concen: 2.041 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Instrument :
MSVOA_X
ClientSampleID :
FL-0604DL

Tot Ion: 91 Resp: 17029
Ion Ratio Lower Upper
91 100
92 32.9 26.2 78.5
134 109.4 13.8 41.3#



#95
Naphthalene
Concen: 3.068 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 128 Resp: 31943
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 13.5 8.9 13.3#

