

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011032.D
 Acq On : 22 Jul 2019 15:50
 Operator : JC/SP
 Sample : K3884-17DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0618DL

Quant Time: Jul 23 05:46:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	171868	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	125534	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	5.50	113	112596	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	8.71	98	439564	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	165574	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	

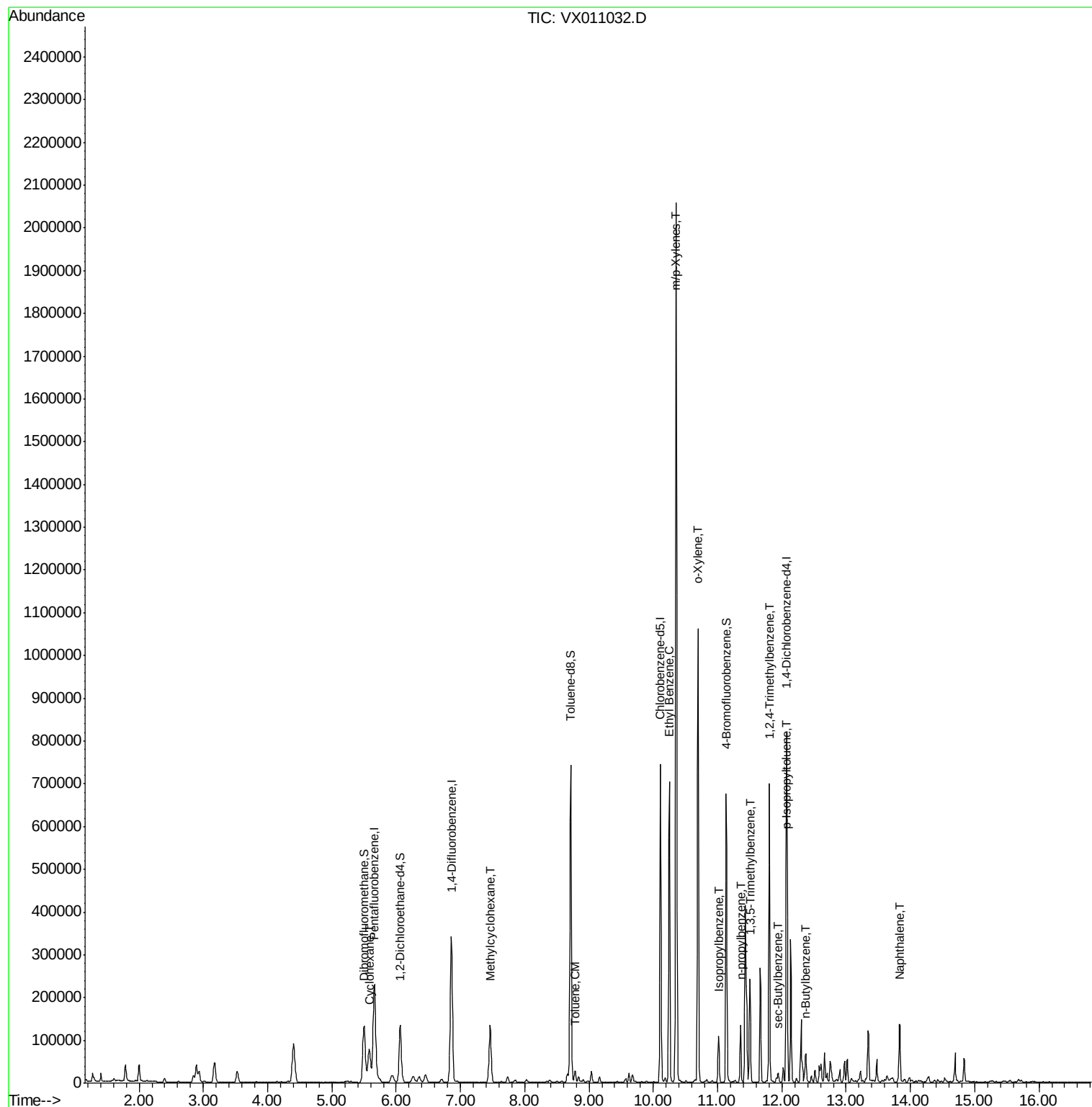
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	54209	16.086	ug/l	95
39) Methylcyclohexane	7.46	83	62611	16.009	ug/l	98
52) Toluene	8.79	92	10270	1.692	ug/l	95
67) Ethyl Benzene	10.25	91	397193	32.876	ug/l	99
68) m/p-Xylenes	10.35	106	499321	107.742	ug/l	99
69) o-Xylene	10.69	106	234375	51.819	ug/l	98
73) Isopropylbenzene	11.02	105	56931	4.902	ug/l	99
78) n-propylbenzene	11.36	91	81796	6.375	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	106284	10.953	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	291553	29.809	ug/l	98
85) sec-Butylbenzene	11.94	105	10862	0.973	ug/l #	73
86) p-Isopropyltoluene	12.06	119	8528	0.826	ug/l	95
89) n-Butylbenzene	12.38	91	9780	1.107	ug/l #	27
95) Naphthalene	13.83	128	88164	7.996	ug/l	99

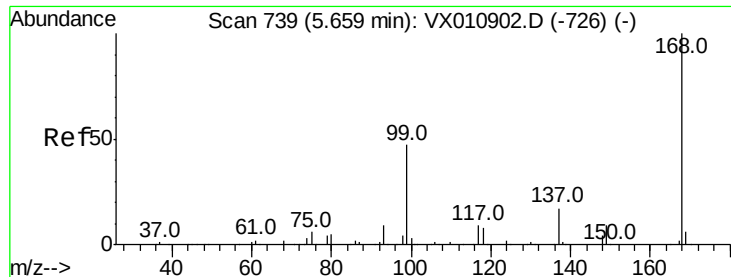
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

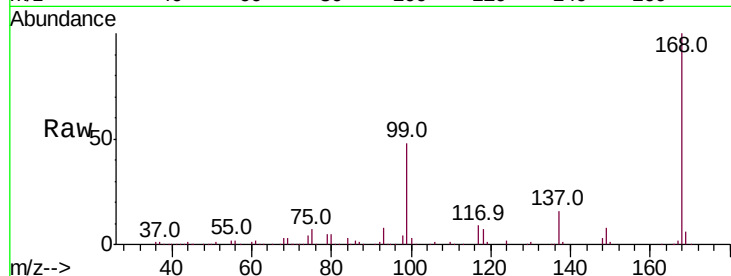
FL-0618DL

Tot Ion:168 Resp: 233295

Ion Ratio Lower Upper

168 100

99 48.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

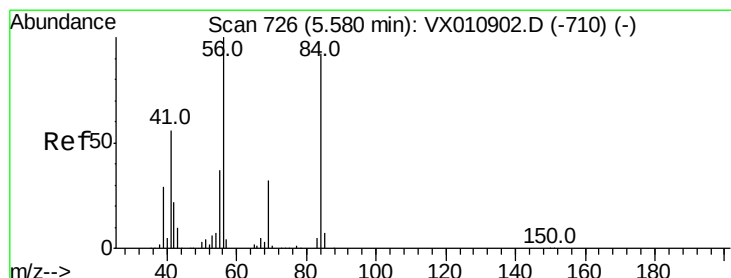
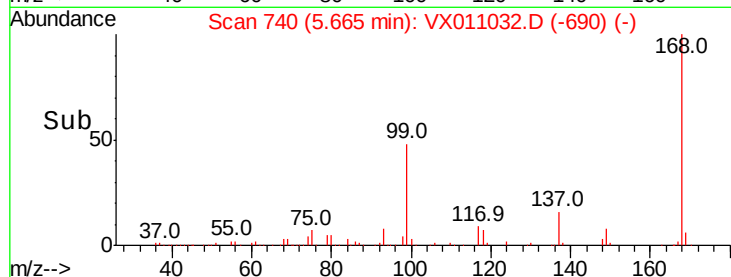
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 16.086 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

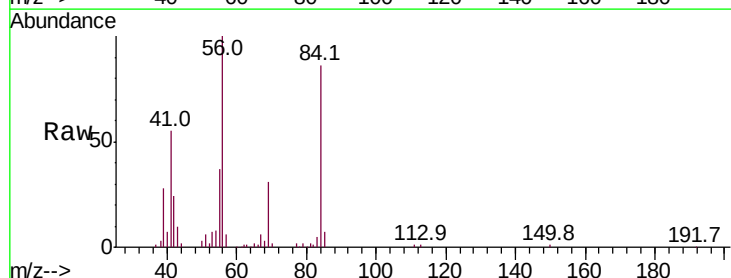
Tgt Ion: 56 Resp: 54209

Ion Ratio Lower Upper

56 100

69 30.9 25.8 38.8

84 86.3 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

20000

15000

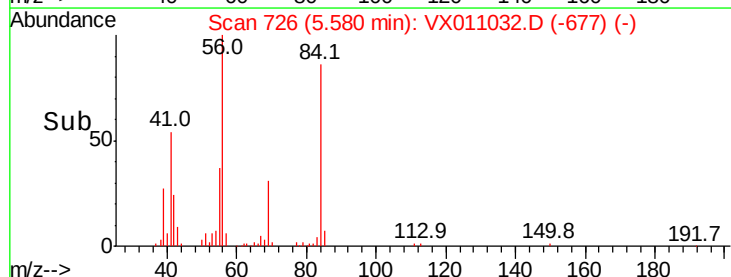
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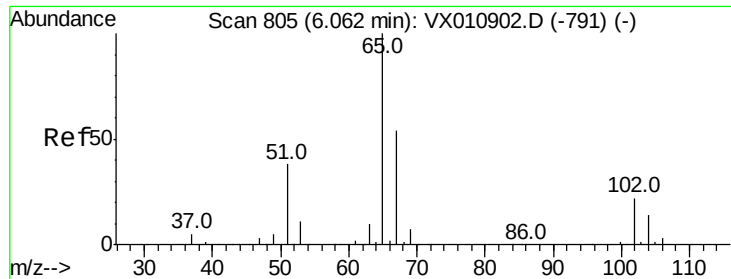
5000

0

Time-->

5.50 5.60

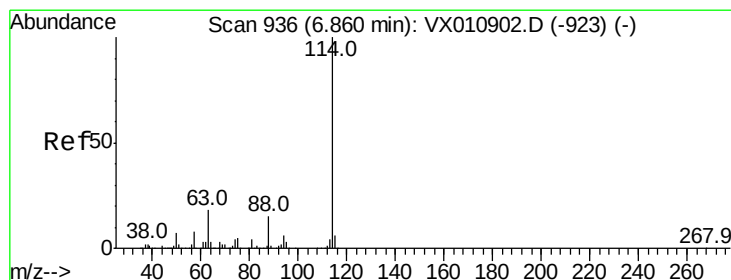
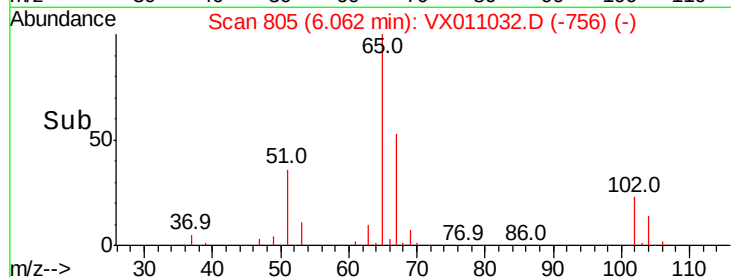
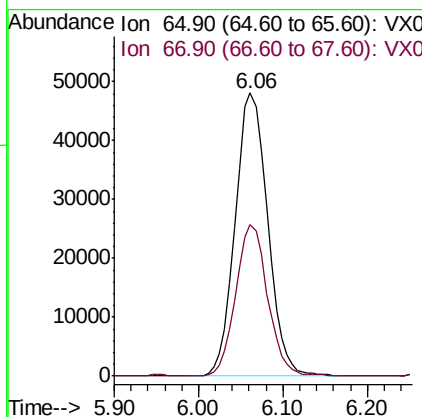
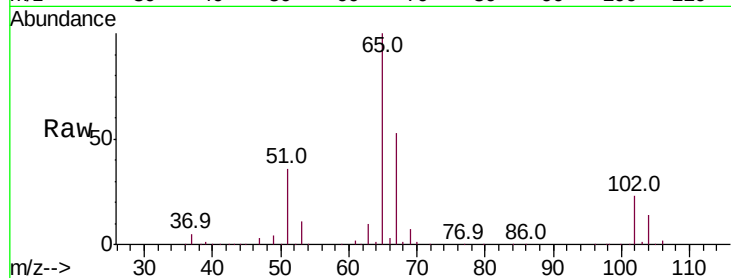




#33
 1,2-Dichloroethane-d4
 Concen: 50.580 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

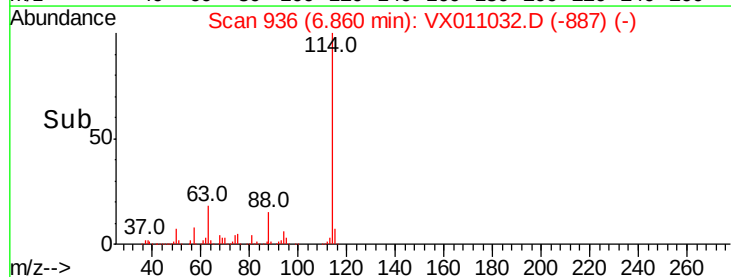
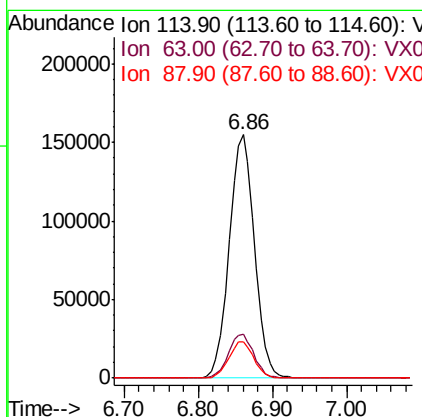
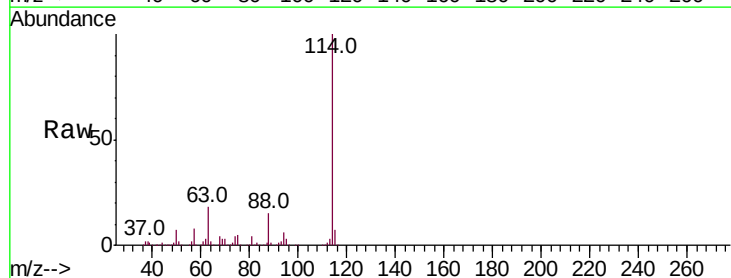
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0618DL

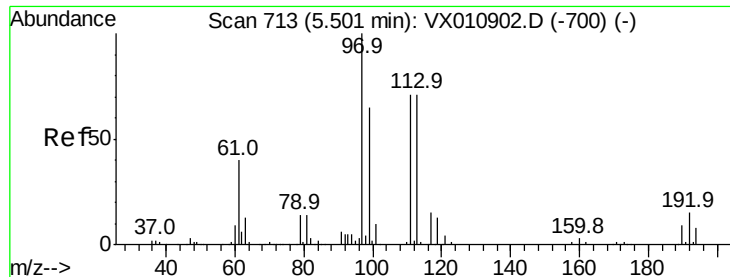
Tot Ion: 65 Resp: 125534
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Tgt Ion:114 Resp: 367163
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.9 0.0 29.8

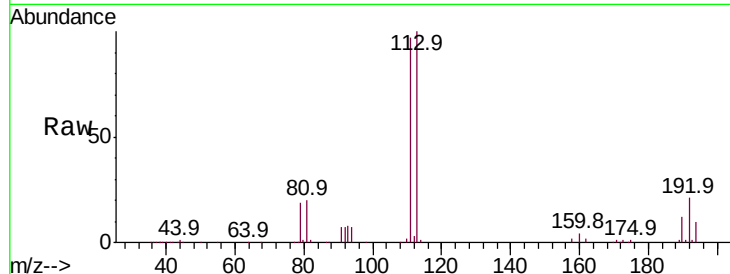




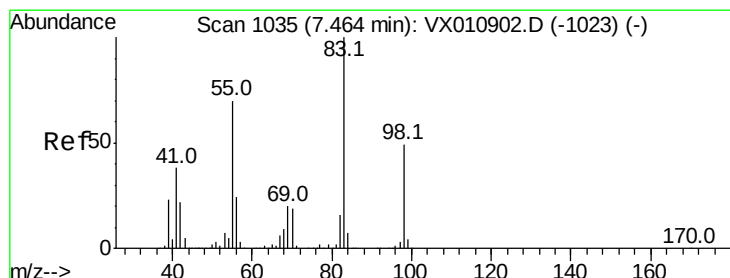
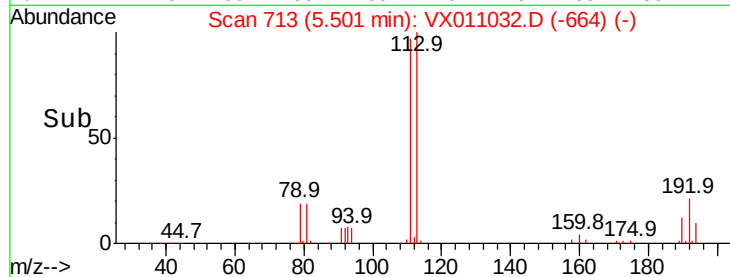
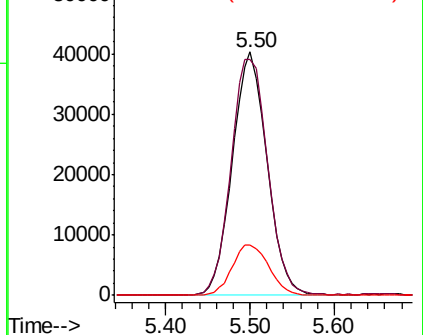
#35
 Dibromofluoromethane
 Concen: 48.315 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0618DL

Tot Ion:113 Resp: 112596
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.3 123.5
 192 22.0 17.4 26.2

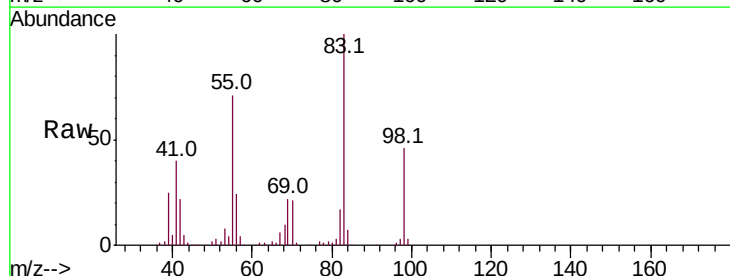


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

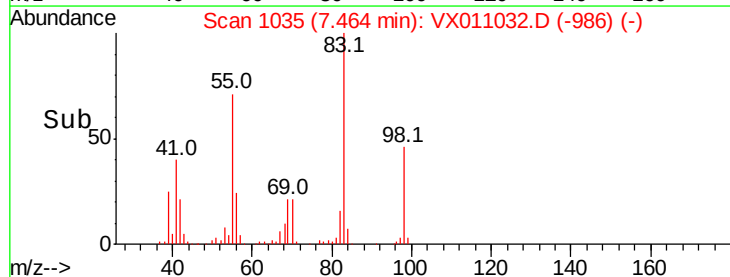
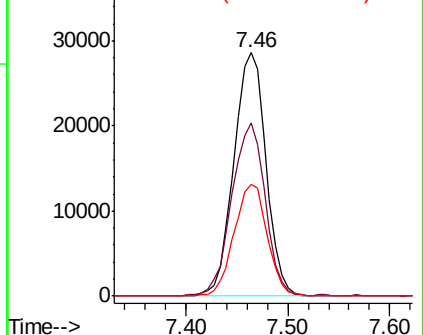


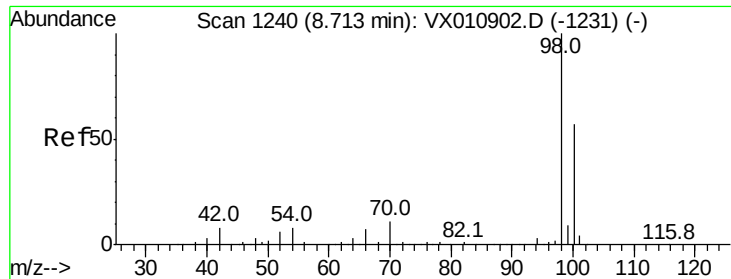
#39
 Methylcyclohexane
 Concen: 16.009 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Tgt Ion: 83 Resp: 62611
 Ion Ratio Lower Upper
 83 100
 55 70.9 56.2 84.4
 98 45.9 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

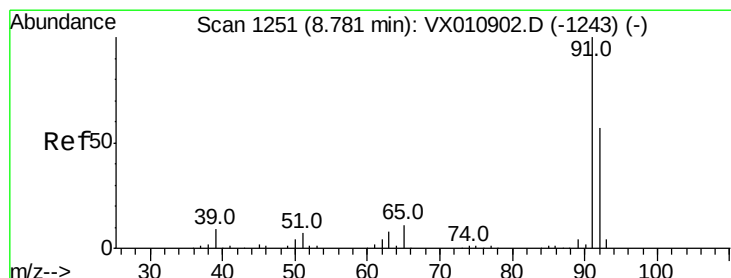
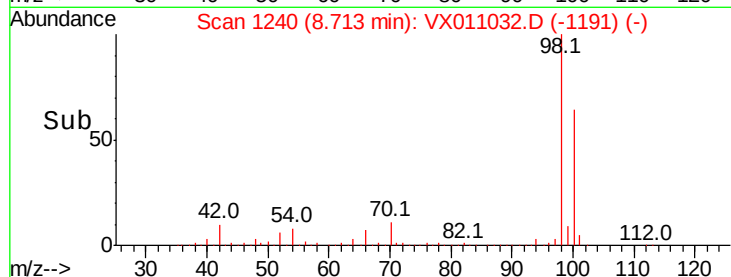
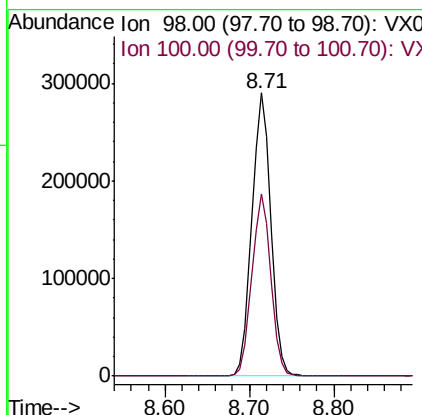
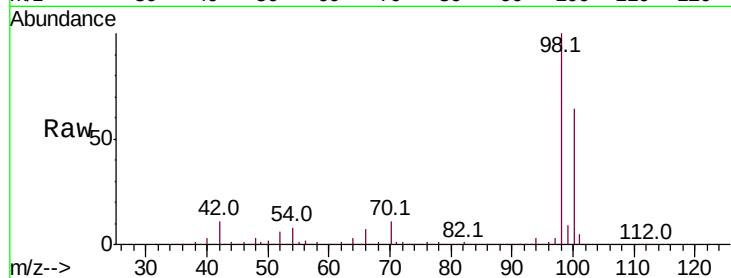




#50
Toluene-d8
Concen: 50.289 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

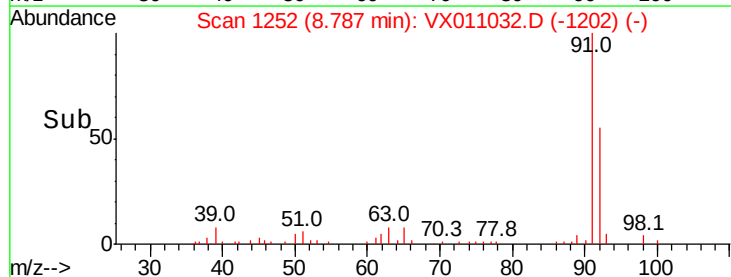
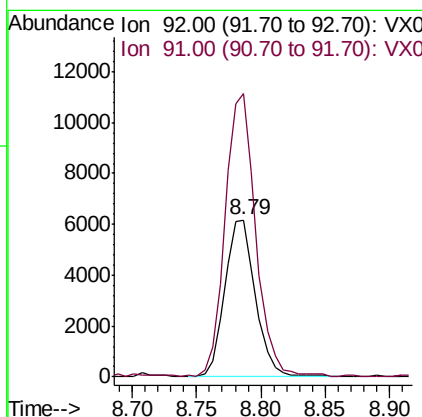
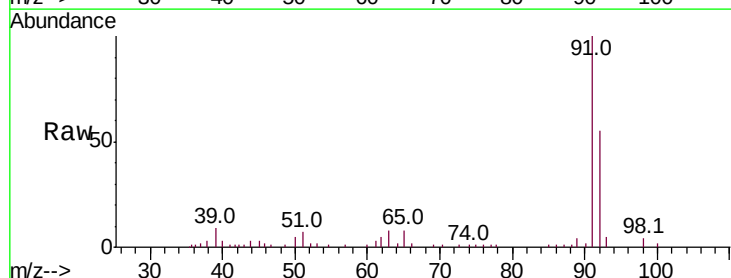
Instrument :
MSVOA_X
ClientSampleId :
FL-0618DL

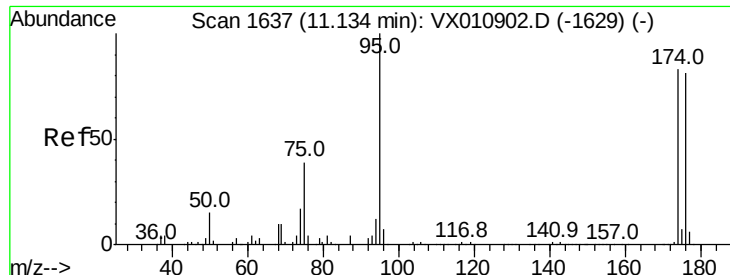
Tot Ion: 98 Resp: 439564
Ion Ratio Lower Upper
98 100
100 63.9 50.6 75.8



#52
Toluene
Concen: 1.692 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion: 92 Resp: 10270
Ion Ratio Lower Upper
92 100
91 180.9 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 51.535 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

FL-0618DL

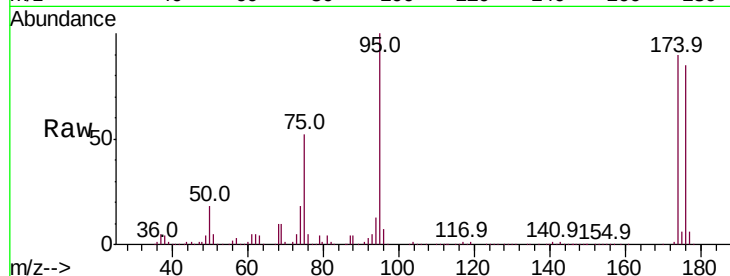
Tot Ion: 95 Resp: 165574

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

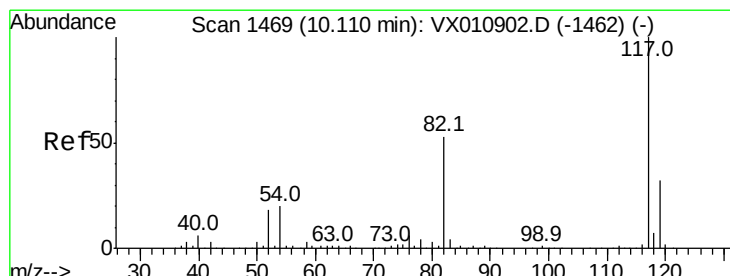
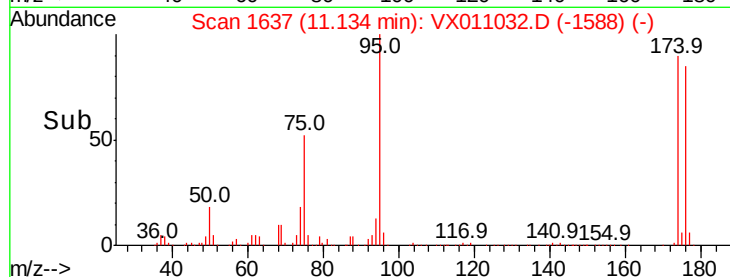
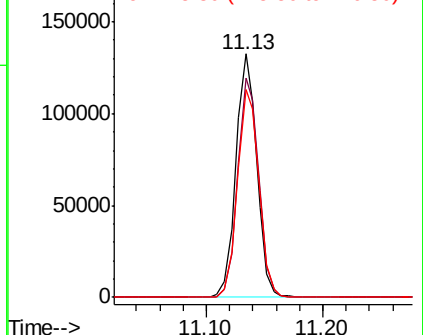
176 87.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011032.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011032.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011032.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

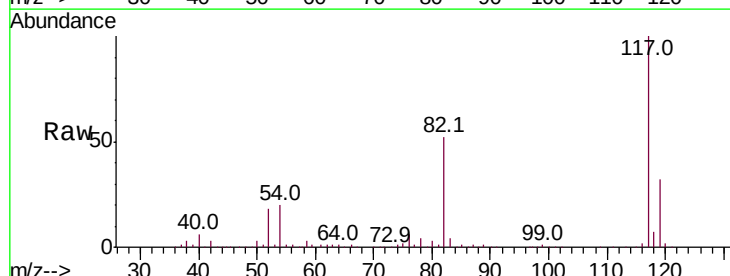
Tgt Ion: 117 Resp: 345583

Ion Ratio Lower Upper

117 100

82 52.3 42.6 63.8

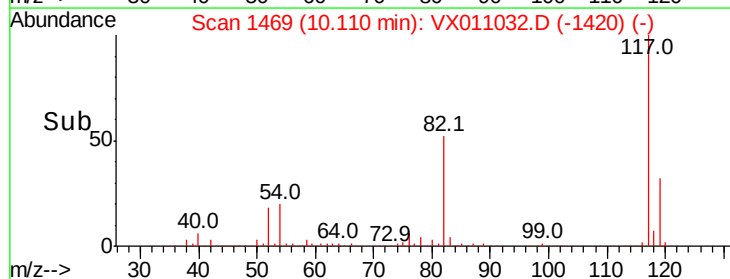
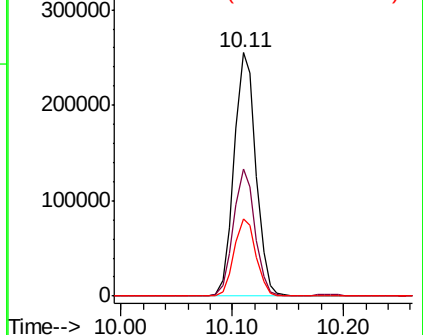
119 31.8 25.9 38.9

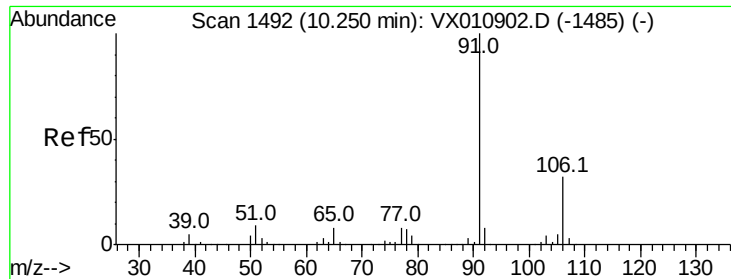


Abundance Ion 116.90 (116.60 to 117.60): VX011032.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011032.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011032.D (-1420) (-)





#67

Ethyl Benzene

Concen: 32.876 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

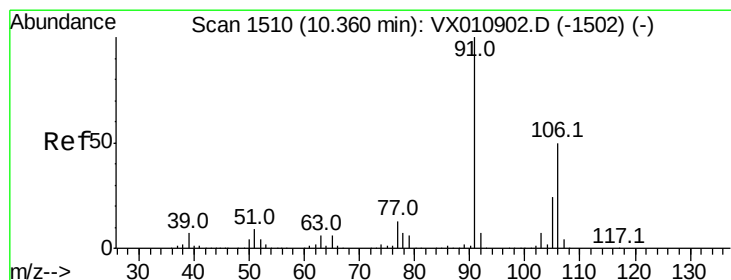
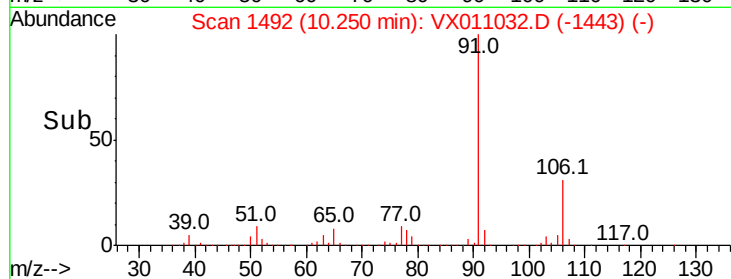
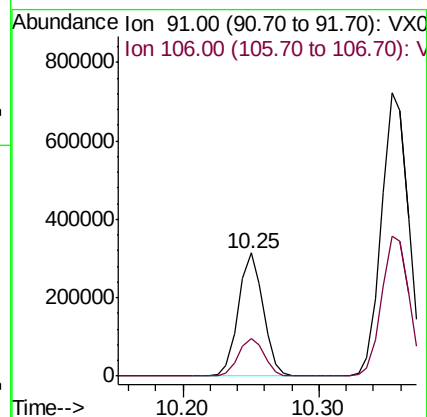
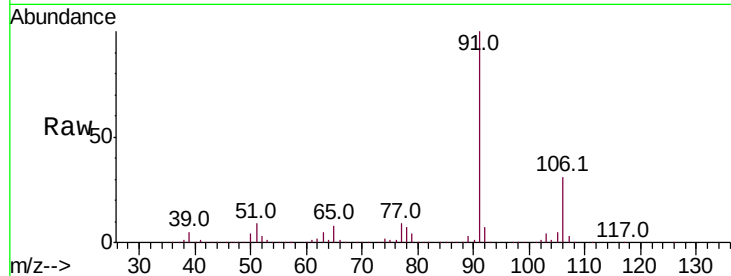
FL-0618DL

Tot Ion: 91 Resp: 397193

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.2



#68

m/p-Xylenes

Concen: 107.742 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011032.D

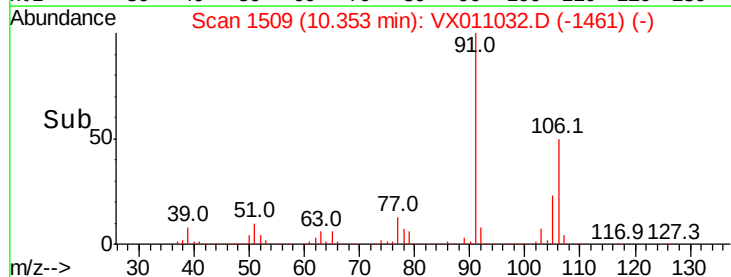
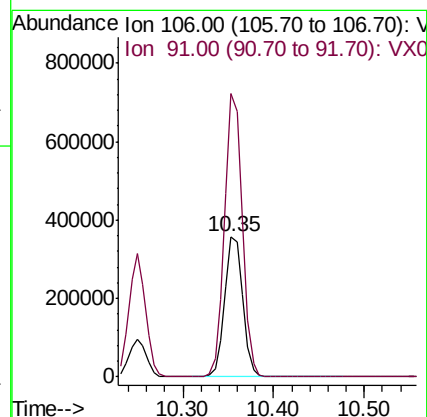
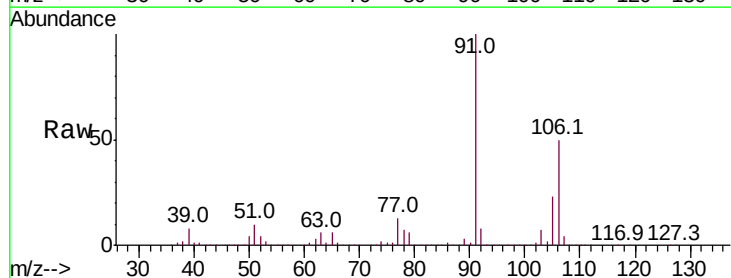
Acq: 22 Jul 2019 15:50

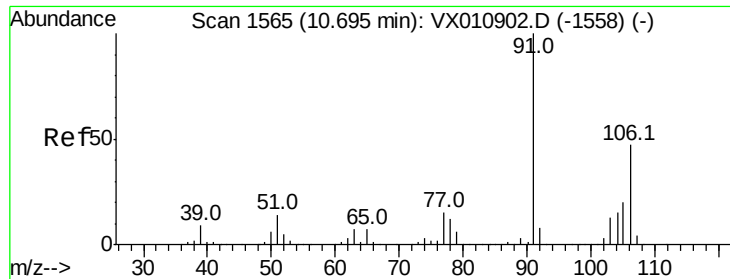
Tgt Ion: 106 Resp: 499321

Ion Ratio Lower Upper

106 100

91 198.4 160.1 240.1

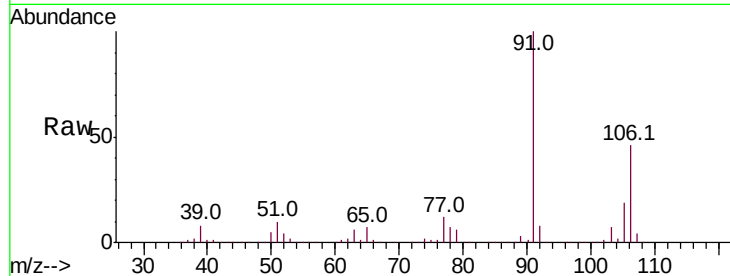




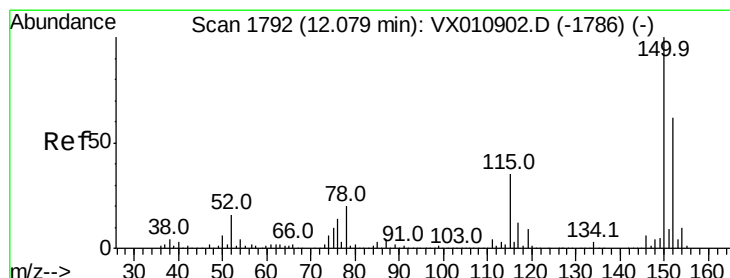
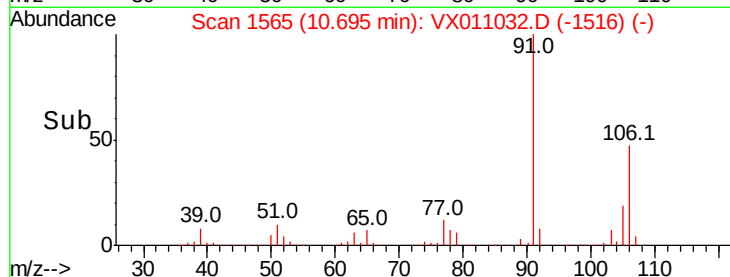
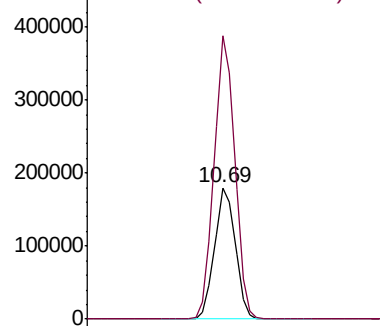
#69
o-Xylene
Concen: 51.819 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Instrument :
MSVOA_X
ClientSampled :
FL-0618DL

Tot Ion:106 Resp: 234375
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.3

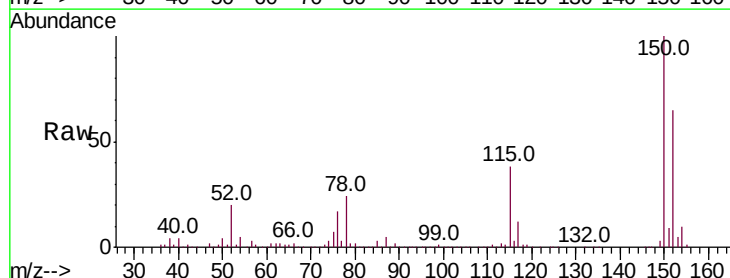


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

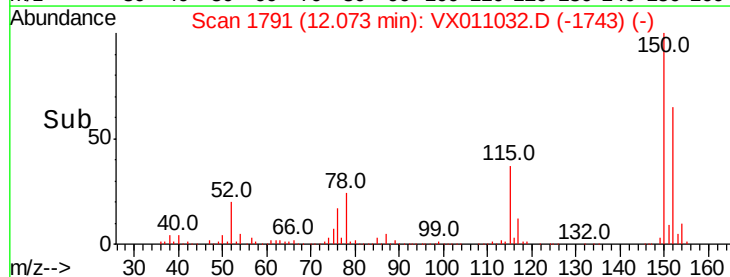
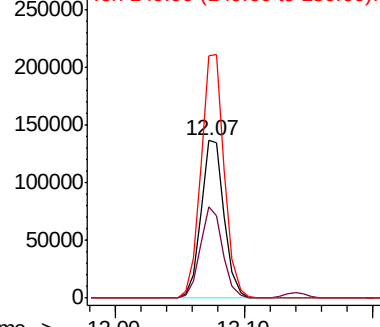


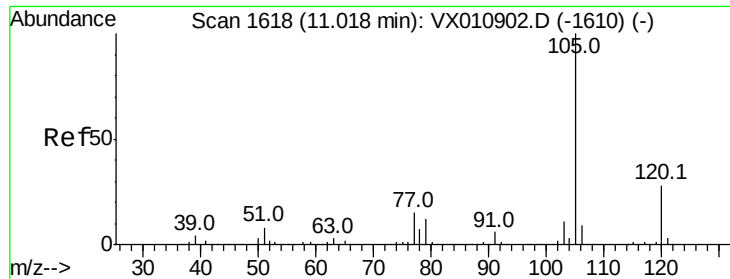
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion:152 Resp: 171868
Ion Ratio Lower Upper
152 100
115 55.9 39.7 119.1
150 155.7 0.0 345.6



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: 4.902 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

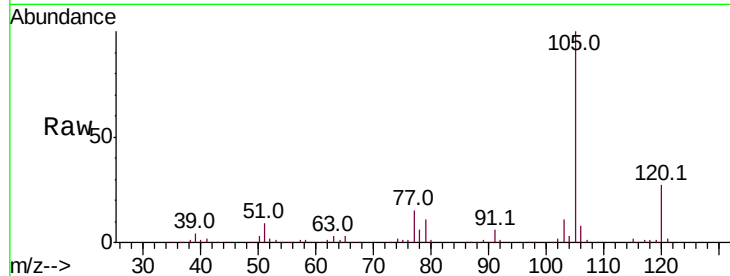
FL-0618DL

Tot Ion:105 Resp: 56931

Ion Ratio Lower Upper

105 100

120 27.0 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

50000

40000

30000

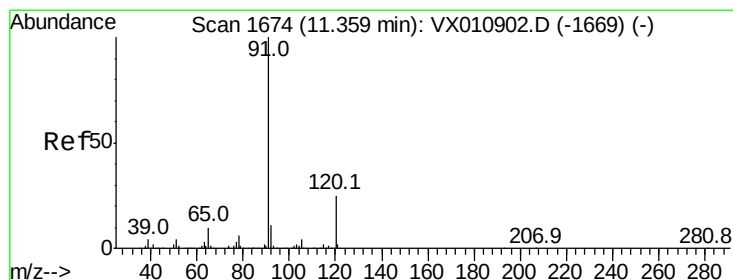
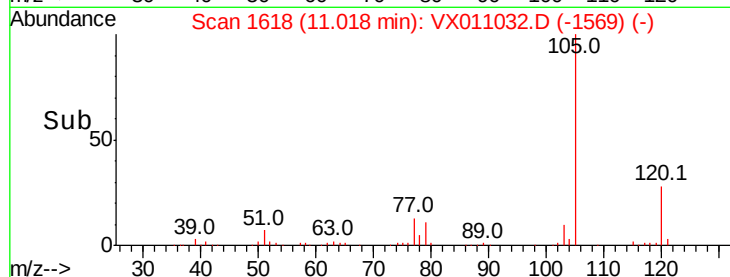
20000

10000

0

Time-->

11.00 11.10



#78

n-propylbenzene

Concen: 6.375 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011032.D

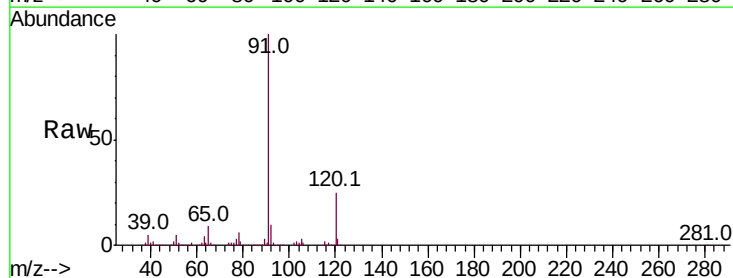
Acq: 22 Jul 2019 15:50

Tgt Ion: 91 Resp: 81796

Ion Ratio Lower Upper

91 100

120 24.2 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

80000

60000

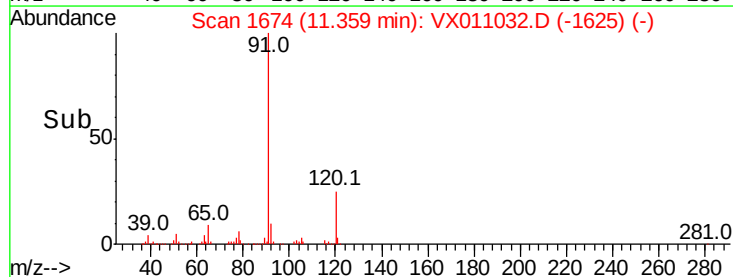
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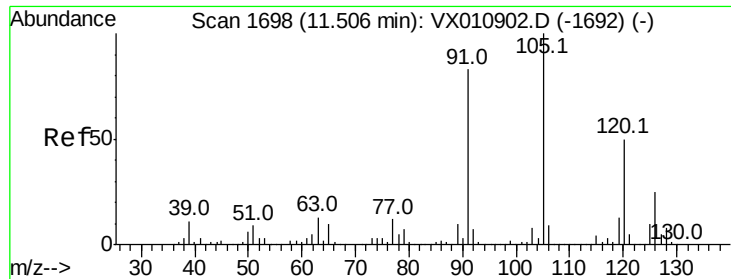
20000

0

Time-->

11.30 11.35 11.40

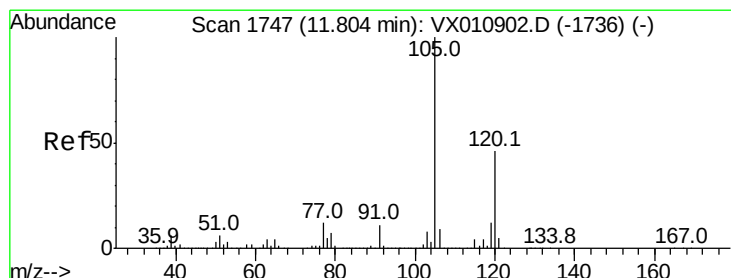
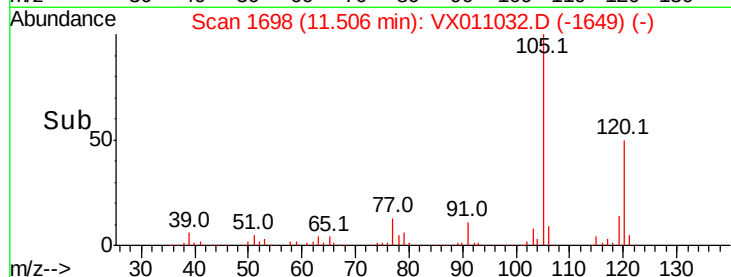
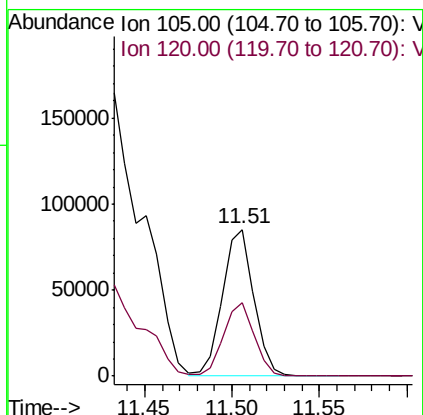
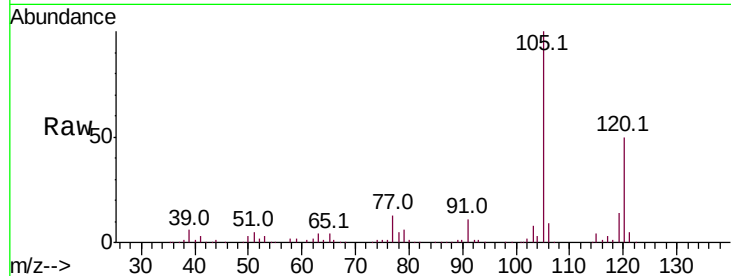




#80
 1,3,5-Trimethylbenzene
 Concen: 10.953 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

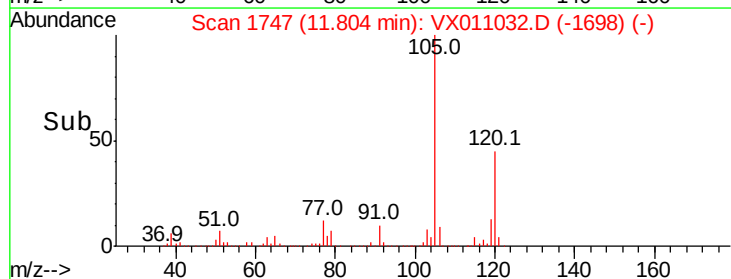
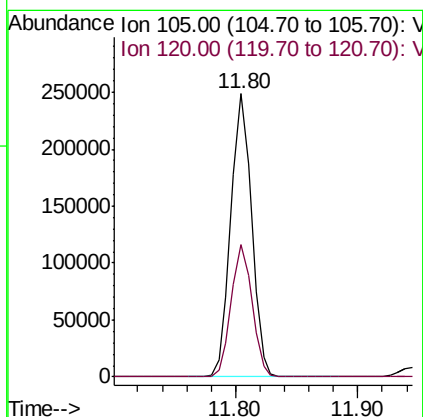
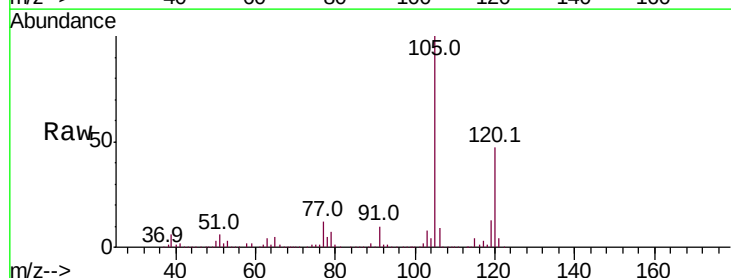
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0618DL

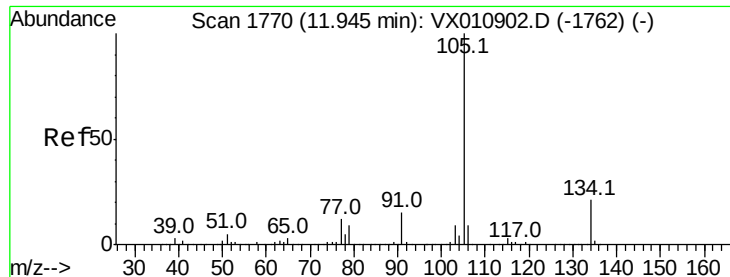
Tot Ion:105 Resp: 106284
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 29.809 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Tgt Ion:105 Resp: 291553
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.9 68.5

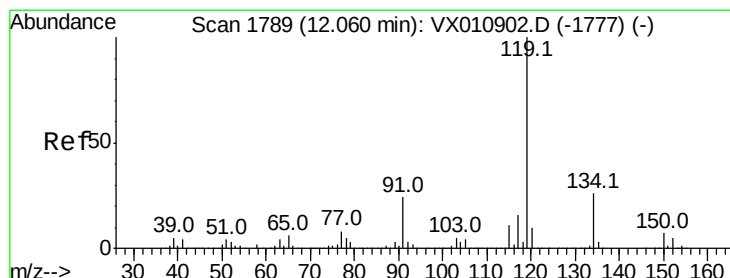
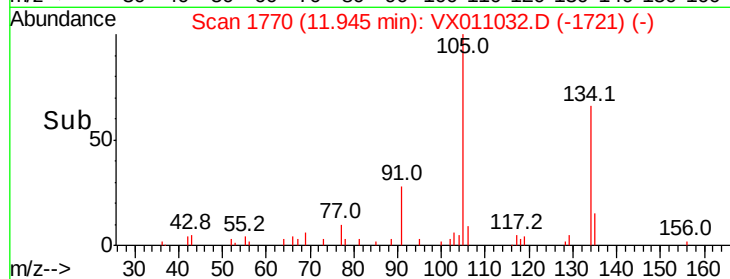
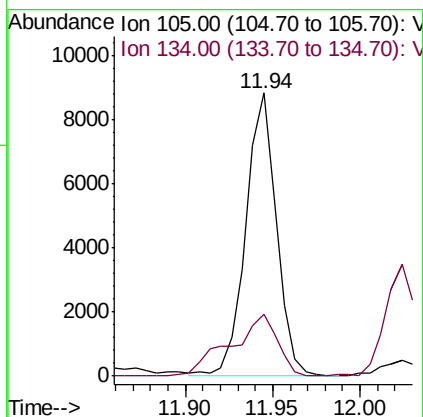
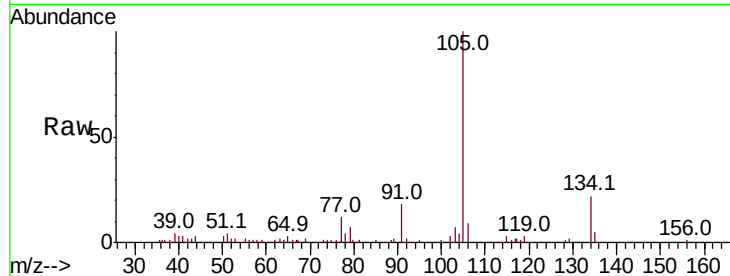




#85
 sec-Butylbenzene
 Concen: 0.973 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

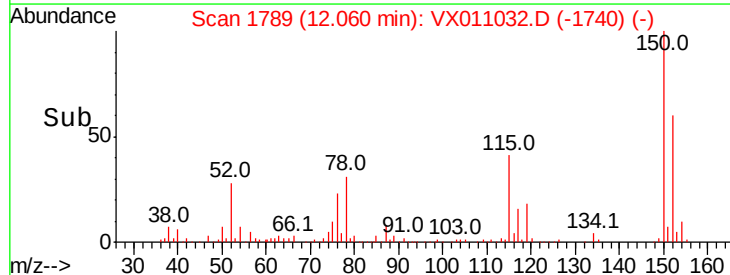
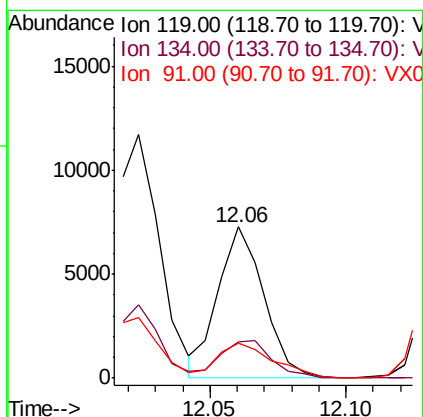
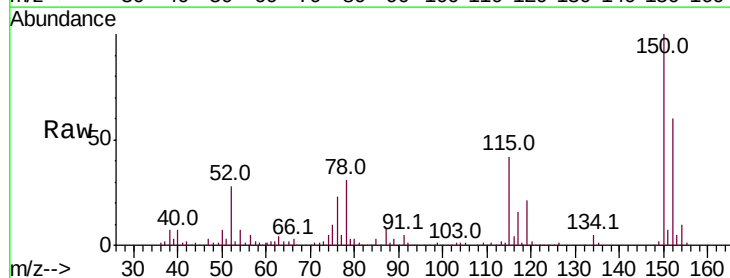
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0618DL

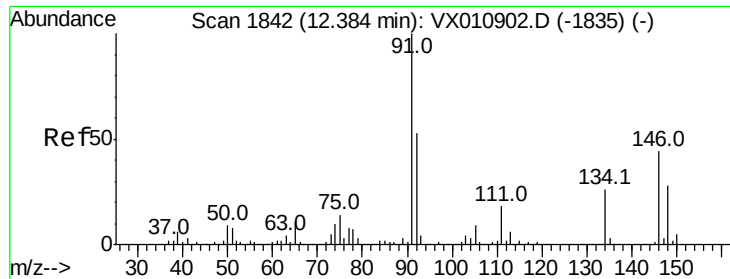
Tot Ion:105 Resp: 10862
 Ion Ratio Lower Upper
 105 100
 134 33.6 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 0.826 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Tgt Ion:119 Resp: 8528
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.1
 91 27.8 11.8 35.4

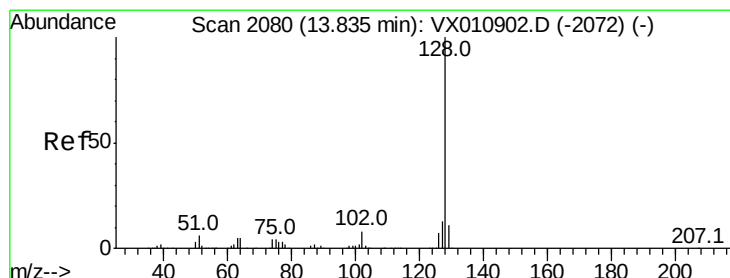
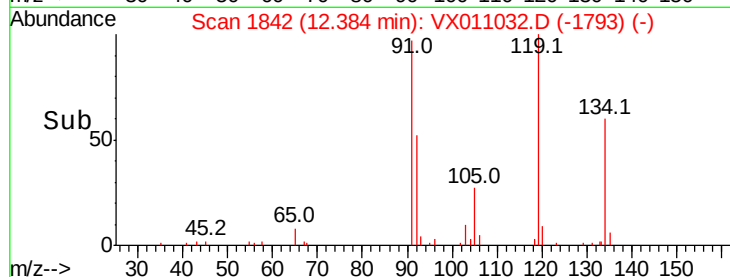
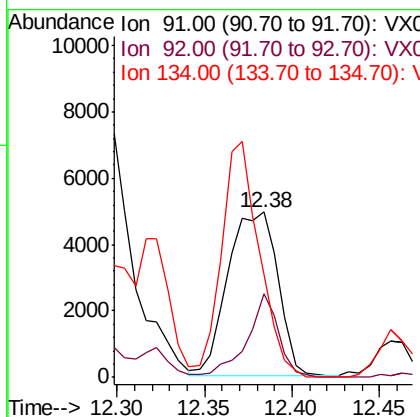
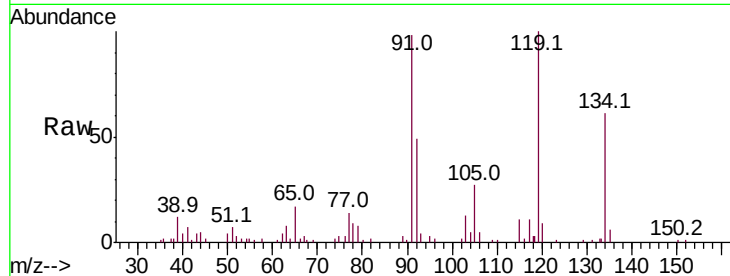




#89
n-Butylbenzene
Concen: 1.107 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
FL-0618DL

Tot Ion: 91 Resp: 9780
Ion Ratio Lower Upper
91 100
92 32.3 26.2 78.5
134 109.8 13.8 41.3#



#95
Naphthalene
Concen: 7.996 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion: 128 Resp: 88164
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.4 8.9 13.3

