

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010932.D
 Acq On : 17 Jul 2019 13:46
 Operator : JC/SP
 Sample : K3791-17DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0611DL

Quant Time: Jul 18 03:37:28 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	227568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157609	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	119997	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
35) Dibromofluoromethane	5.50	113	111121	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	427999	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	151911	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	

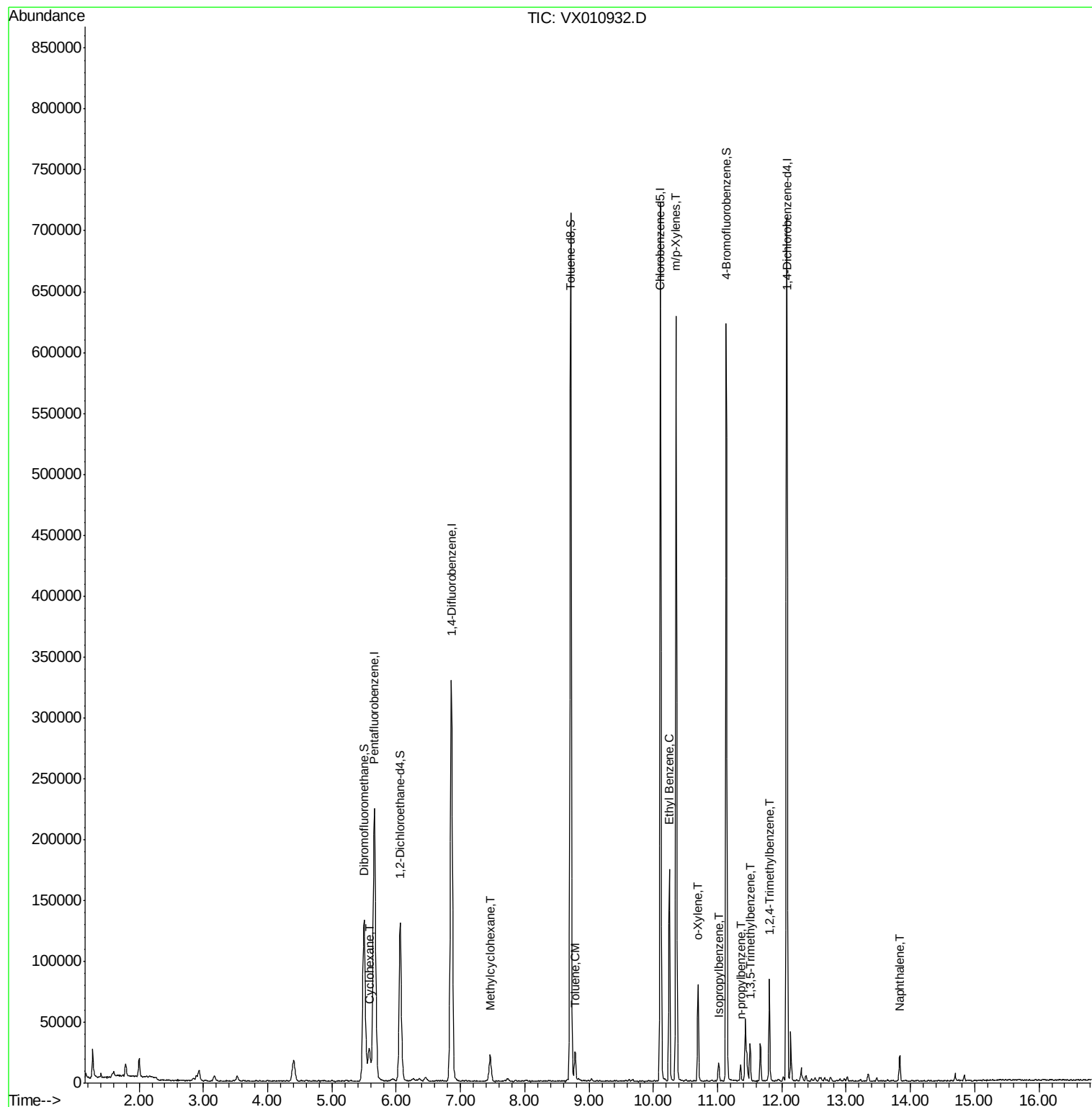
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	18045	5.490	ug/l	91
39) Methylcyclohexane	7.46	83	10113	2.660	ug/l	96
52) Toluene	8.78	92	8637	1.464	ug/l	95
67) Ethyl Benzene	10.25	91	99238	8.547	ug/l	98
68) m/p-Xylenes	10.35	106	145959	32.771	ug/l	98
69) o-Xylene	10.70	106	18080	4.159	ug/l	99
73) Isopropylbenzene	11.02	105	7595	0.713	ug/l	96
78) n-propylbenzene	11.36	91	8695	0.739	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	12638	1.420	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	35652	3.975	ug/l	97
95) Naphthalene	13.83	128	13026	1.288	ug/l	99

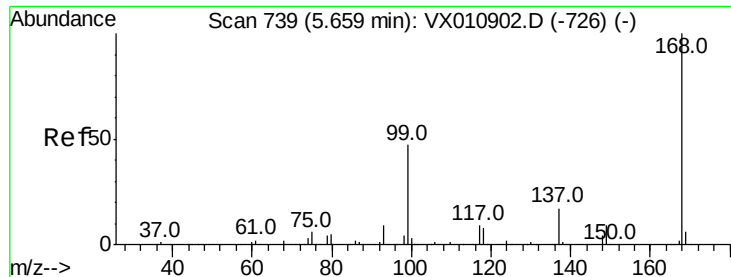
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010932.D

Acq: 17 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

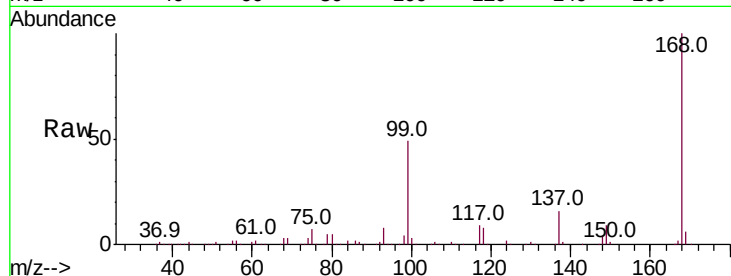
FL-0611DL

Tot Ion:168 Resp: 227568

Ion Ratio Lower Upper

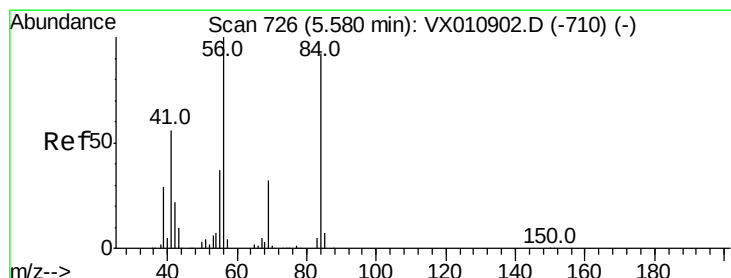
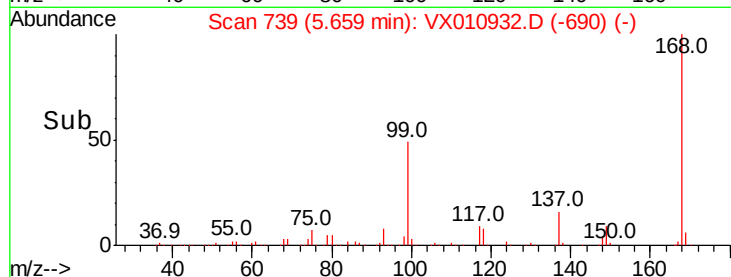
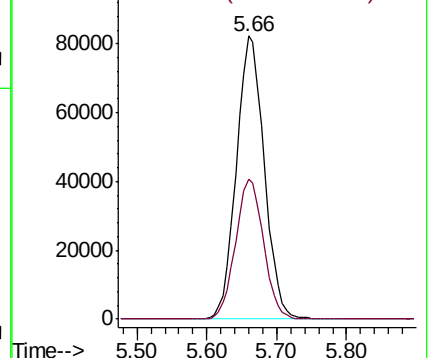
168 100

99 49.3 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: 5.490 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010932.D

Acq: 17 Jul 2019 13:46

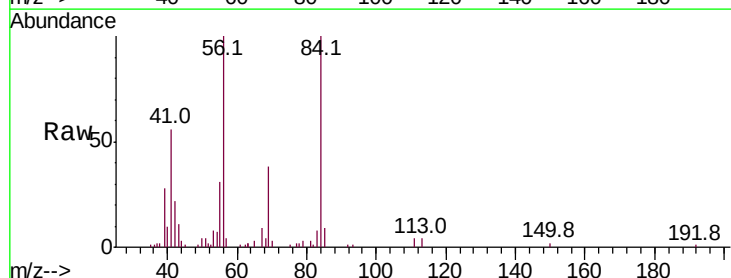
Tgt Ion: 56 Resp: 18045

Ion Ratio Lower Upper

56 100

69 38.5 25.8 38.8

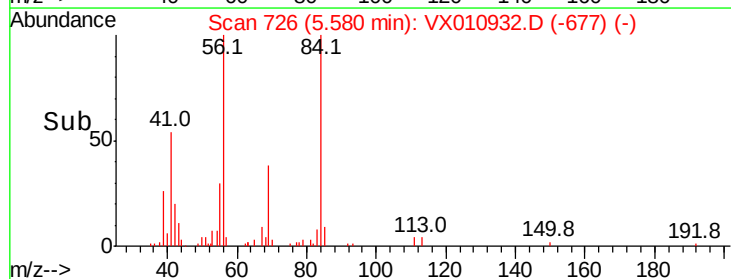
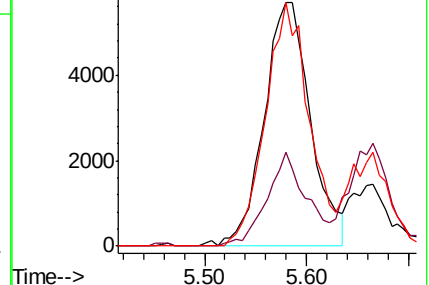
84 99.9 73.8 110.6

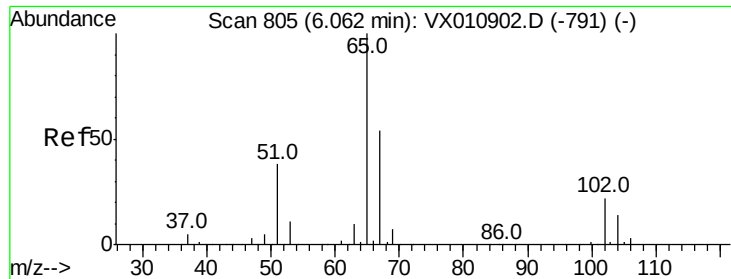


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

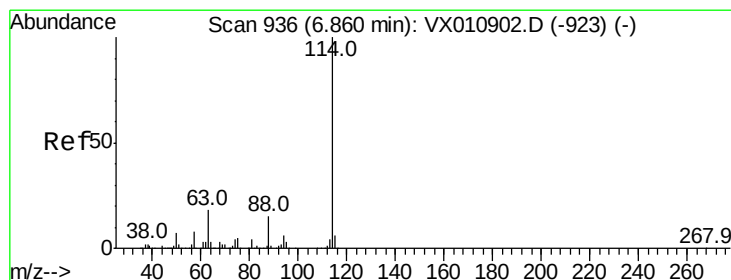
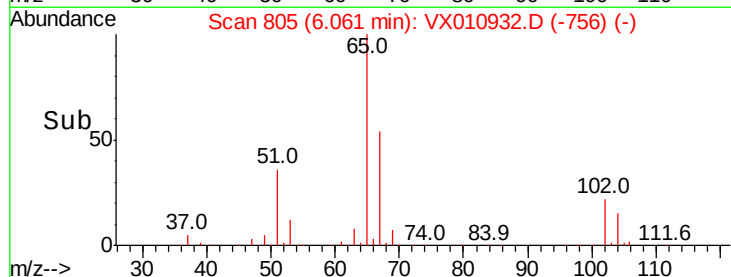
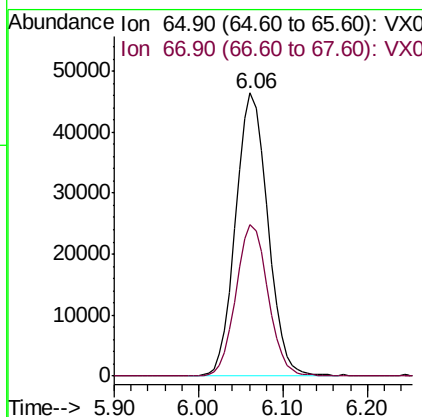
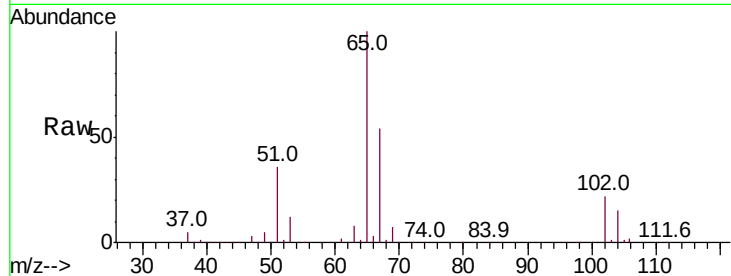




#33
 1,2-Dichloroethane-d4
 Concen: 49.566 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010932.D
 Acq: 17 Jul 2019 13:46

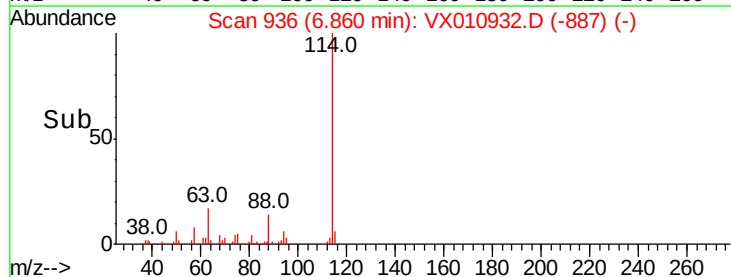
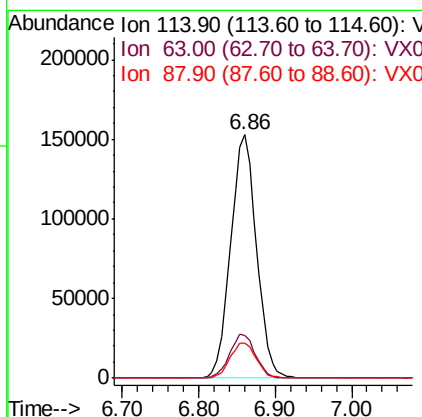
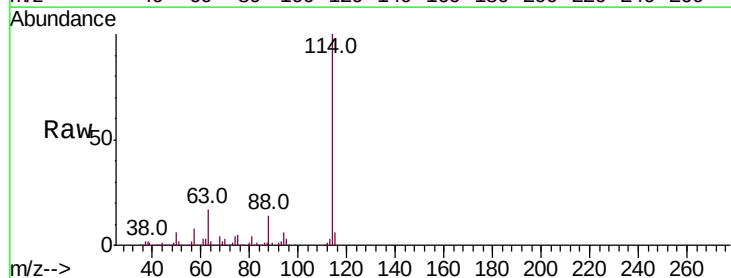
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0611DL

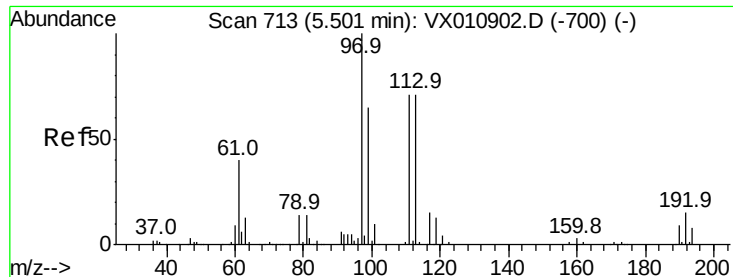
Tot Ion: 65 Resp: 11997
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010932.D
 Acq: 17 Jul 2019 13:46

Tgt Ion: 114 Resp: 356969
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.6
 88 14.3 0.0 29.8

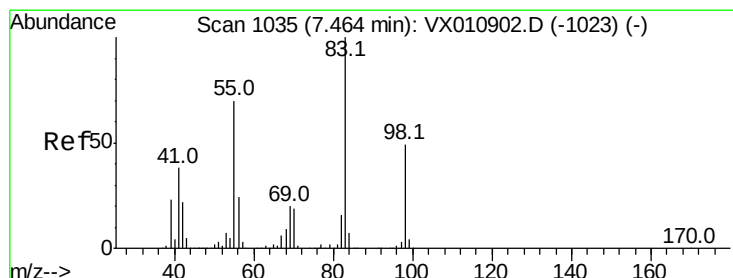
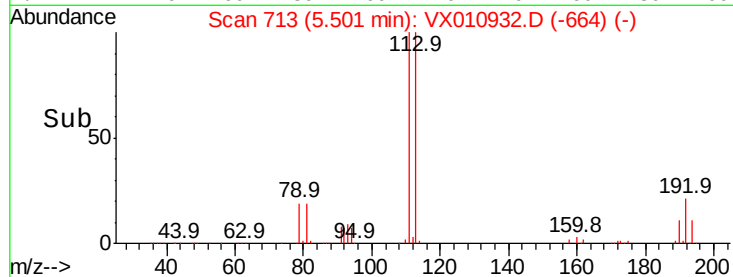
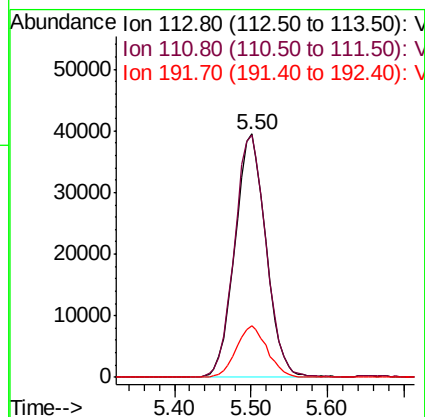
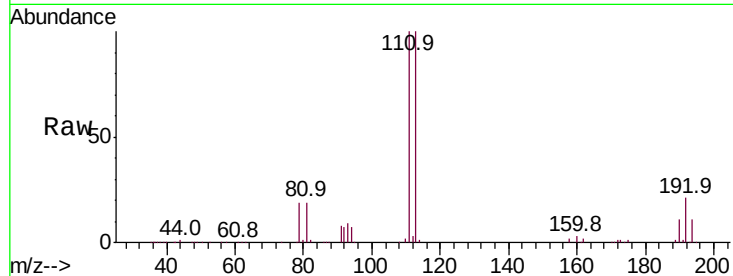




#35
 Dibromofluoromethane
 Concen: 49.044 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010932.D
 Acq: 17 Jul 2019 13:46

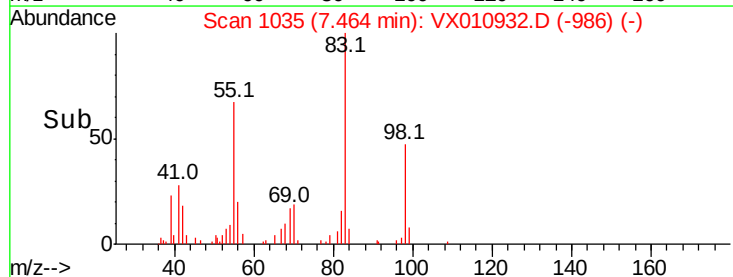
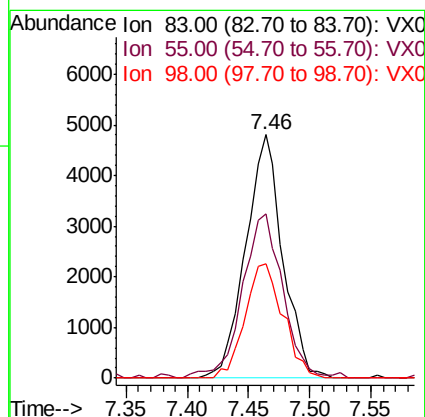
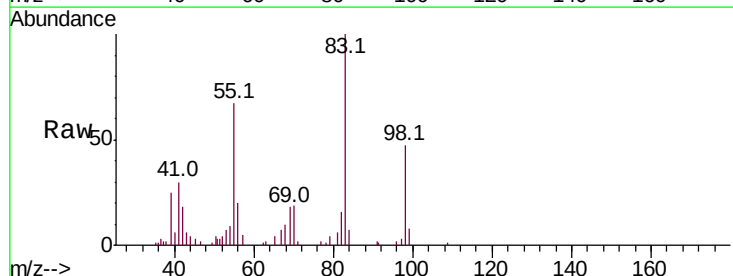
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0611DL

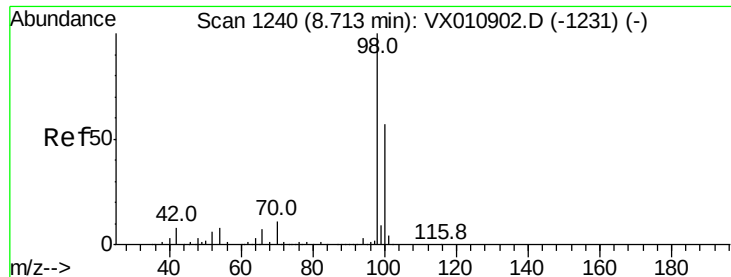
Tot Ion:113 Resp: 111121
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.3 123.5
 192 21.2 17.4 26.2



#39
 Methylcyclohexane
 Concen: 2.660 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010932.D
 Acq: 17 Jul 2019 13:46

Tgt Ion: 83 Resp: 10113
 Ion Ratio Lower Upper
 83 100
 55 65.6 56.2 84.4
 98 46.9 39.0 58.4

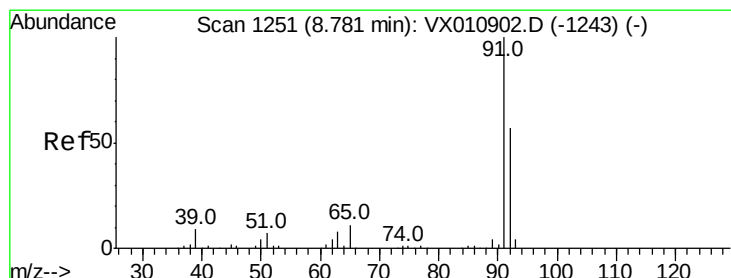
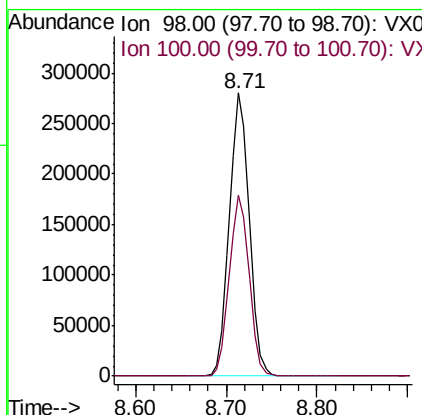
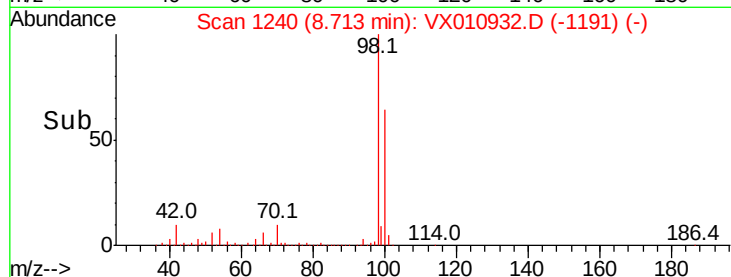
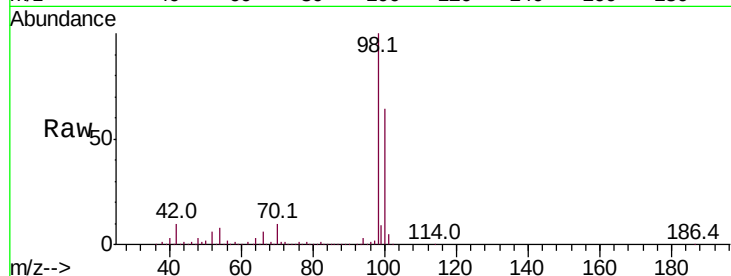




#50
Toluene-d8
Concen: 50.364 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

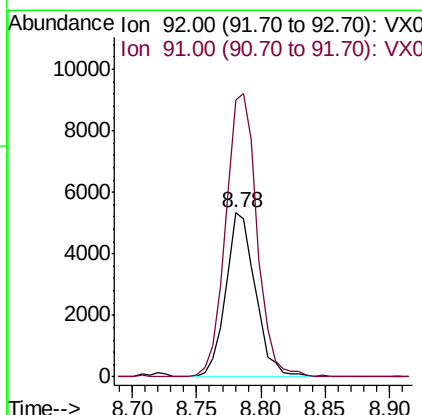
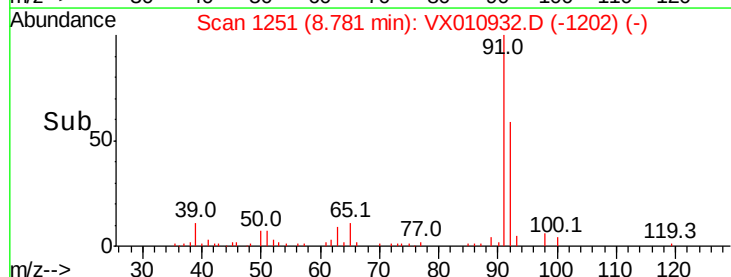
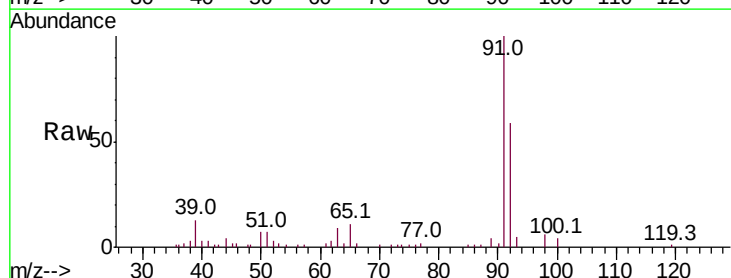
Instrument :
MSVOA_X
ClientSampled :
FL-0611DL

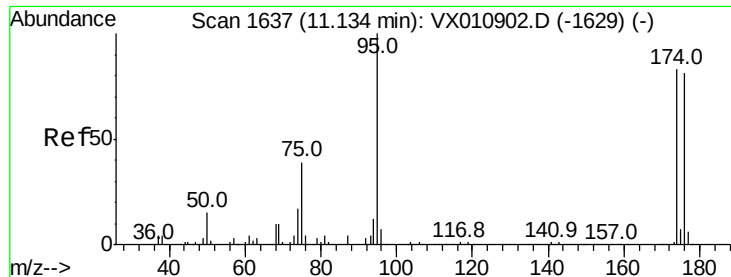
Tot Ion: 98 Resp: 427999
Ion Ratio Lower Upper
98 100
100 63.8 50.6 75.8



#52
Toluene
Concen: 1.464 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 92 Resp: 8637
Ion Ratio Lower Upper
92 100
91 180.9 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010932.D

Acq: 17 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0611DL

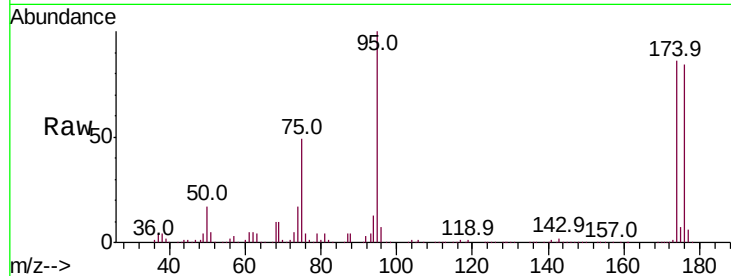
Tot Ion: 95 Resp: 151911

Ion Ratio Lower Upper

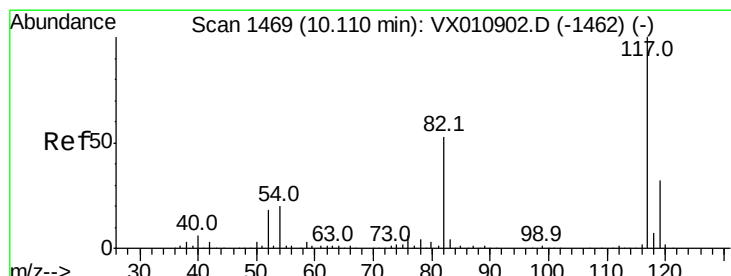
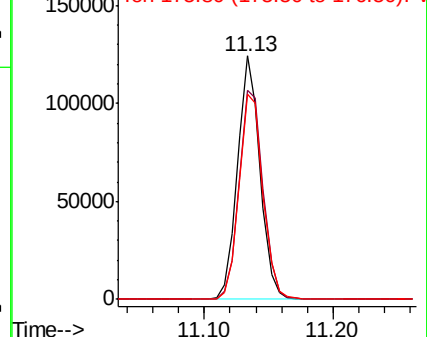
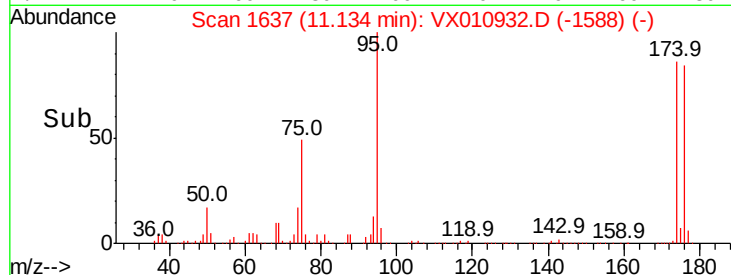
95 100

174 91.4 0.0 180.6

176 89.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010932.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010932.D

Acq: 17 Jul 2019 13:46

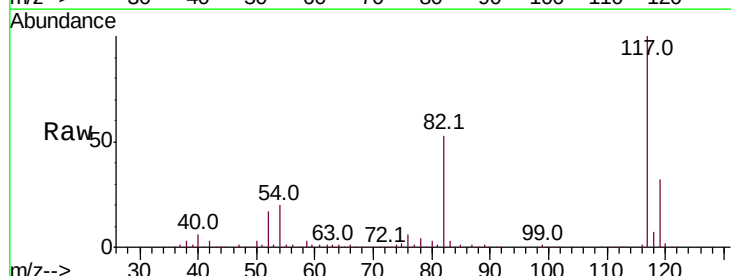
Tgt Ion: 117 Resp: 332124

Ion Ratio Lower Upper

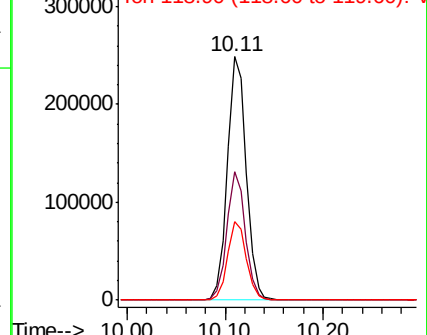
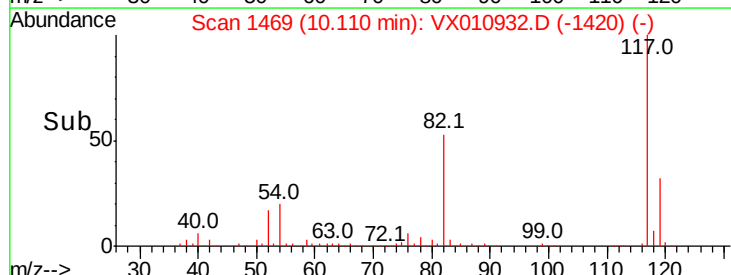
117 100

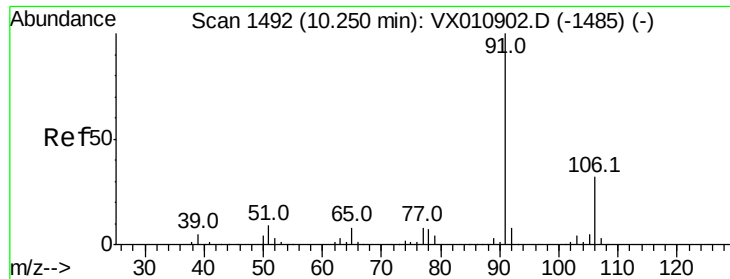
82 52.7 42.6 63.8

119 32.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX010932.D (-1420) (-)

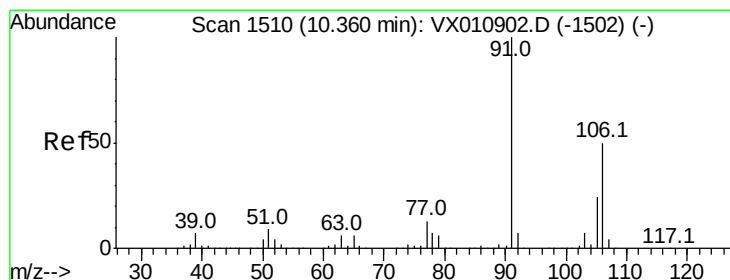
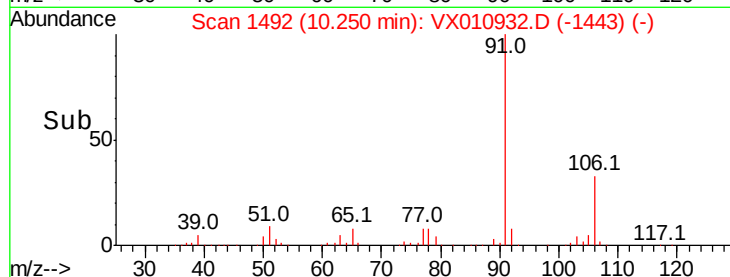
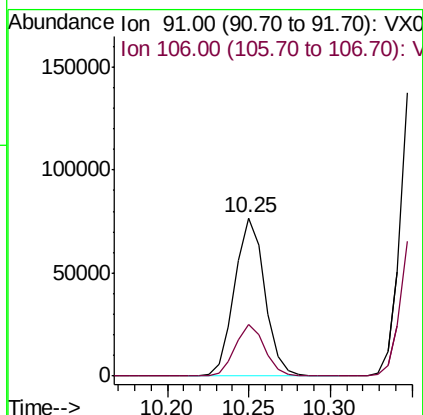
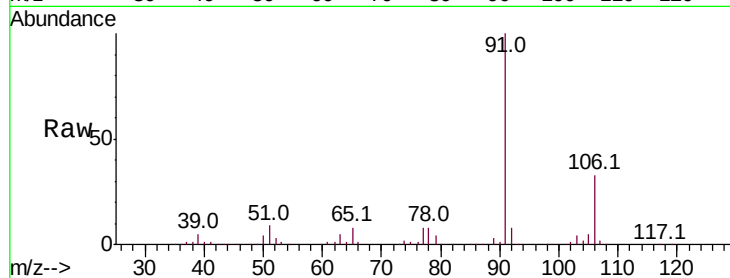




#67
Ethyl Benzene
Concen: 8.547 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

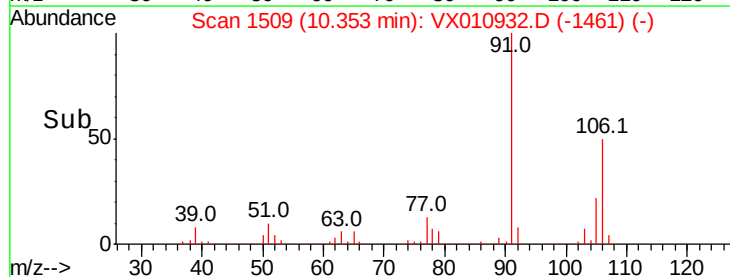
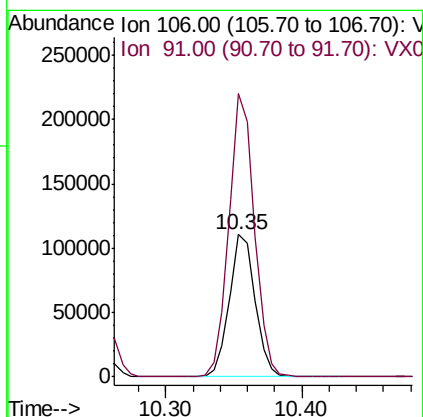
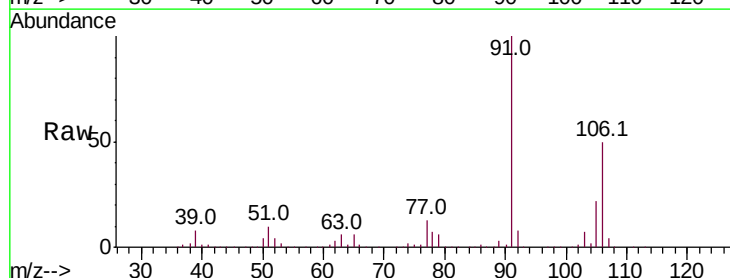
Instrument :
MSVOA_X
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FL-0611DL

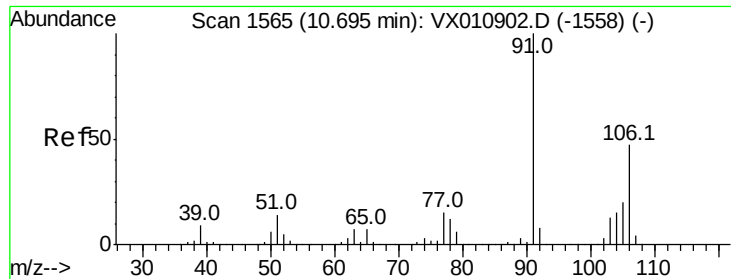
Tot Ion: 91 Resp: 99238
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.2



#68
m/p-Xylenes
Concen: 32.771 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 106 Resp: 145959
Ion Ratio Lower Upper
106 100
91 196.5 160.1 240.1

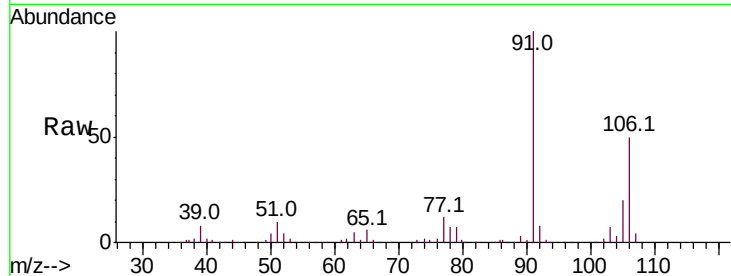




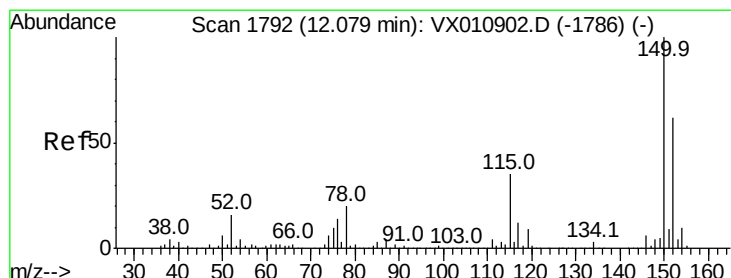
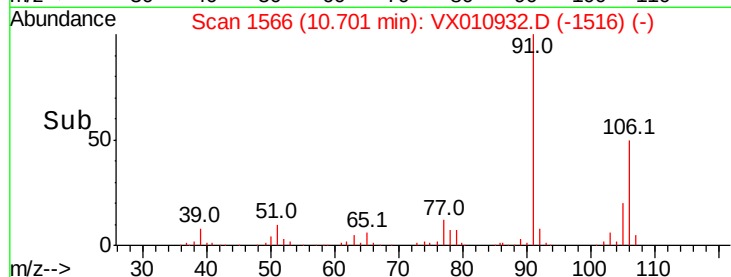
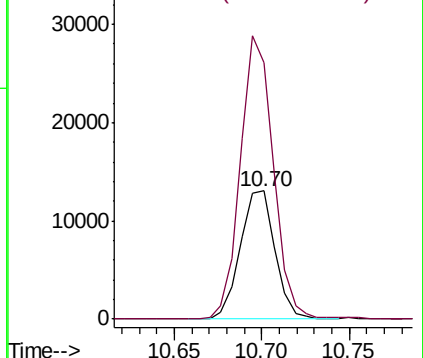
#69
o-Xylene
Concen: 4.159 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tot Ion:106 Resp: 18080
Ion Ratio Lower Upper
106 100
91 209.3 105.1 315.3

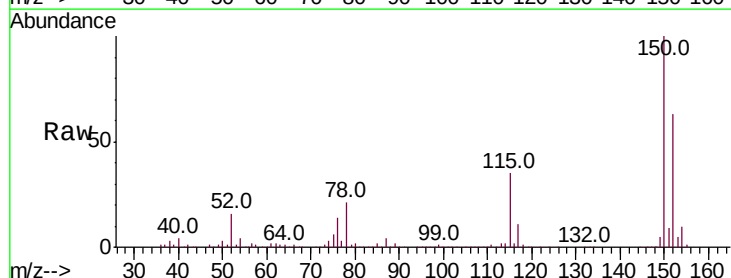


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

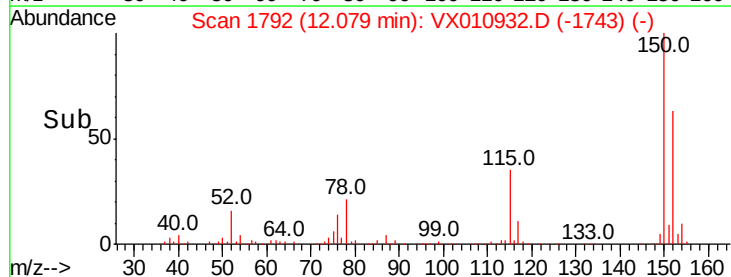
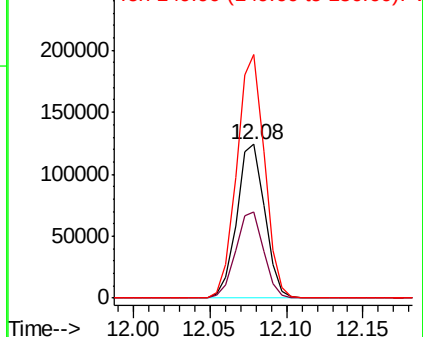


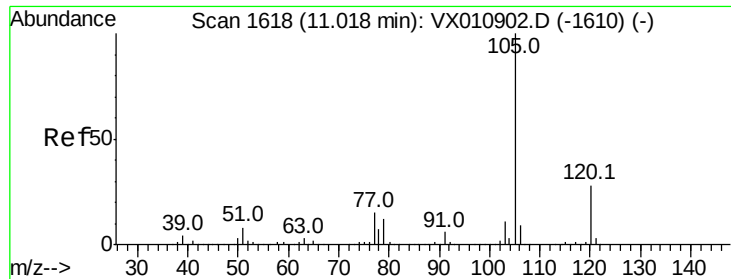
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion:152 Resp: 157609
Ion Ratio Lower Upper
152 100
115 55.6 39.7 119.1
150 156.6 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: 0.713 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010932.D

Acq: 17 Jul 2019 13:46

Instrument :

MSVOA_X

ClientSampleID :

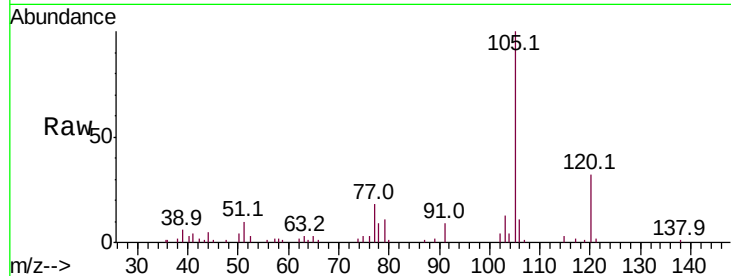
FL-0611DL

Tot Ion:105 Resp: 7595

Ion Ratio Lower Upper

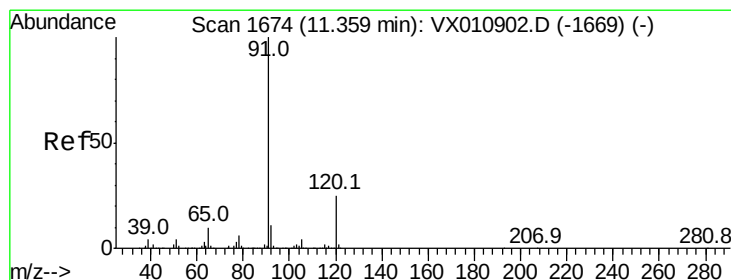
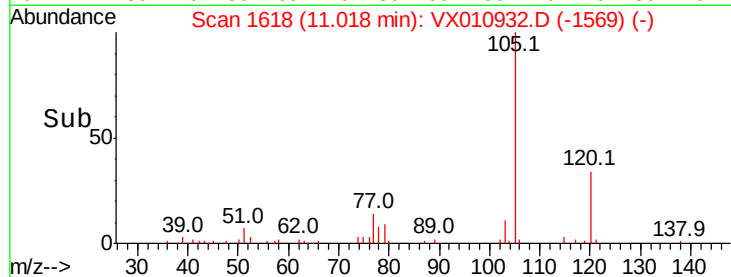
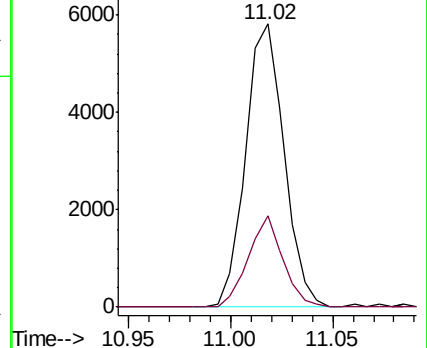
105 100

120 29.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.739 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010932.D

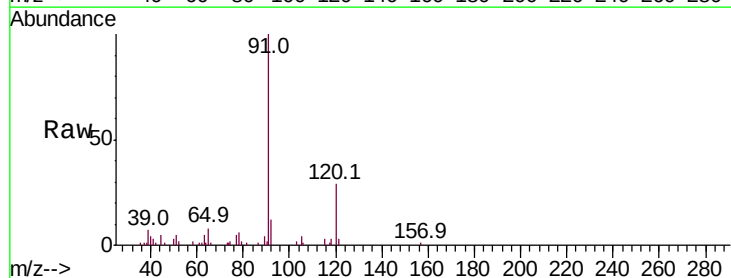
Acq: 17 Jul 2019 13:46

Tgt Ion: 91 Resp: 8695

Ion Ratio Lower Upper

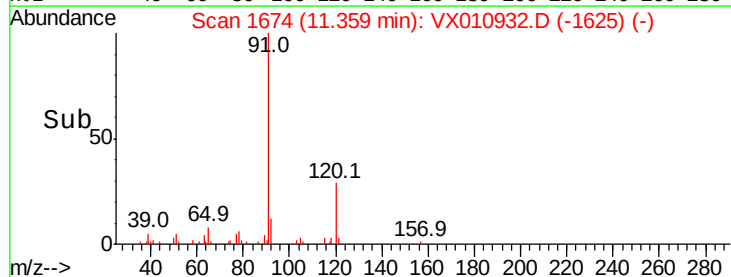
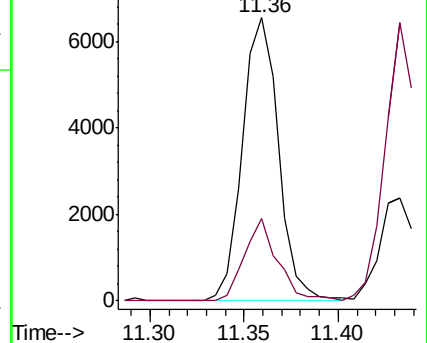
91 100

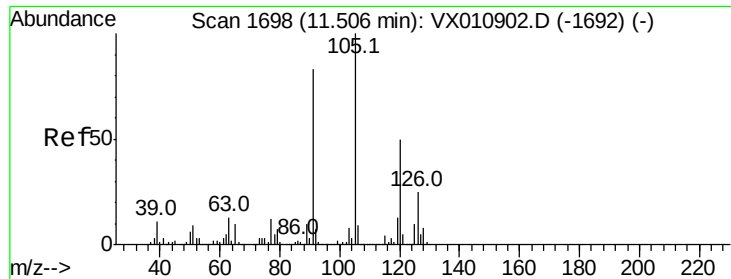
120 26.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

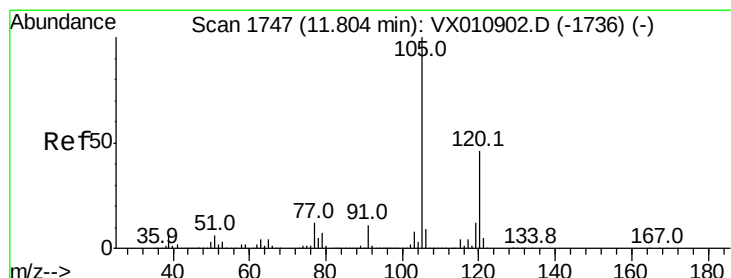
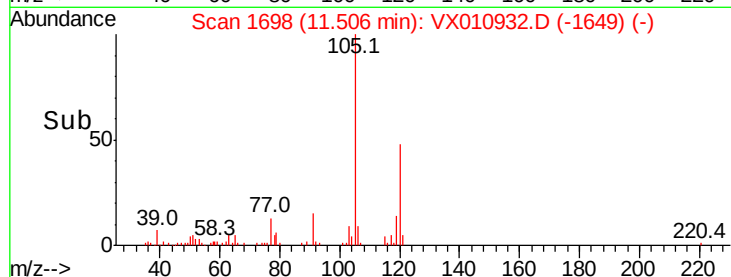
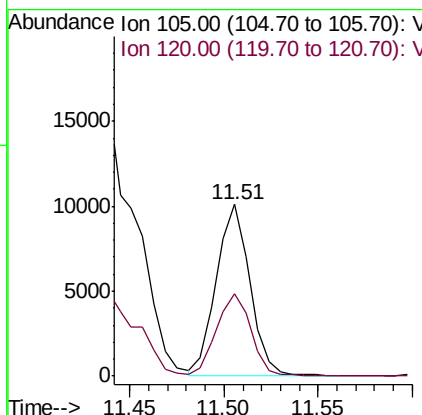
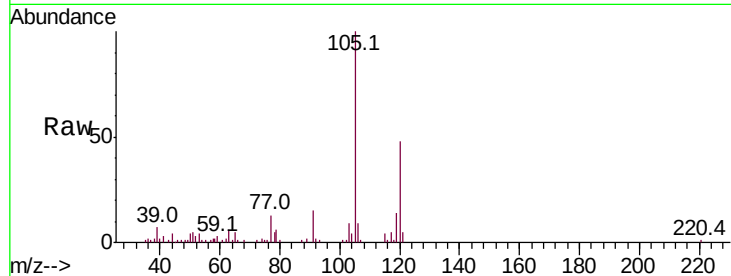




#80
 1,3,5-Trimethylbenzene
 Concen: 1.420 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010932.D
 Acq: 17 Jul 2019 13:46

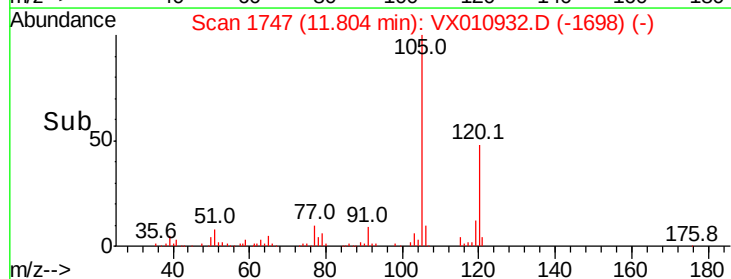
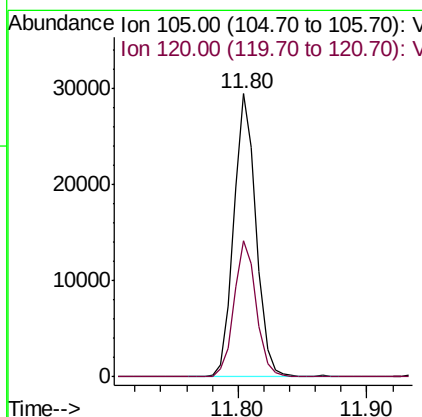
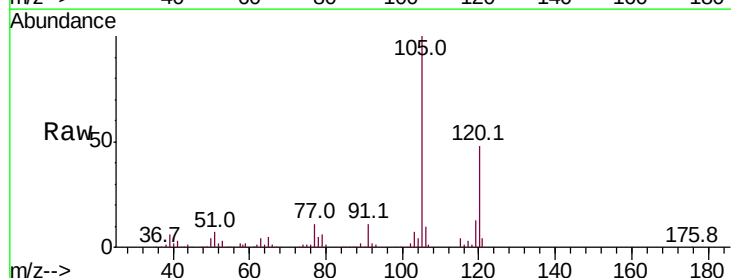
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0611DL

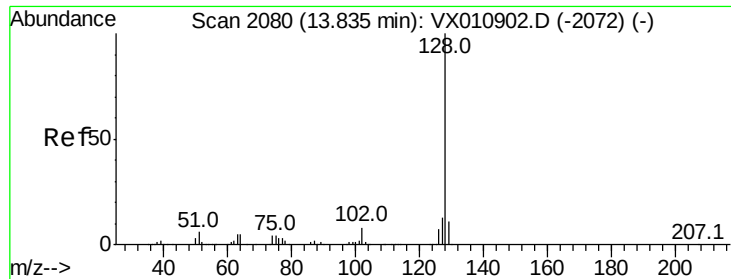
Tot Ion:105 Resp: 12638
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 3.975 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010932.D
 Acq: 17 Jul 2019 13:46

Tgt Ion:105 Resp: 35652
 Ion Ratio Lower Upper
 105 100
 120 48.0 22.9 68.5

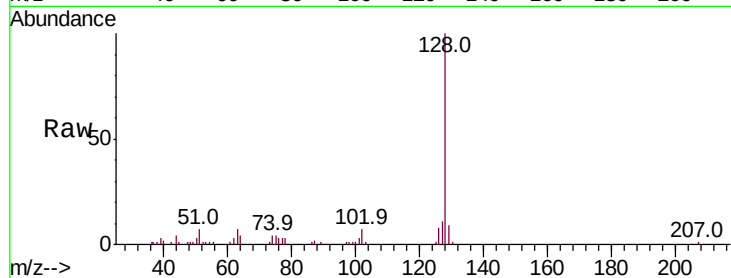




#95
 Naphthalene
 Concen: 1.288 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX010932.D
 Acq: 17 Jul 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0611DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.4	8.9	13.3



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

