

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010590.D
 Acq On : 01 Jul 2019 14:57
 Operator : JC/SP
 Sample : K3565-11DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0576DL

Quant Time: Jul 02 06:44:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178924	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	126433	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	121486	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	8.71	98	481564	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	167141	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	

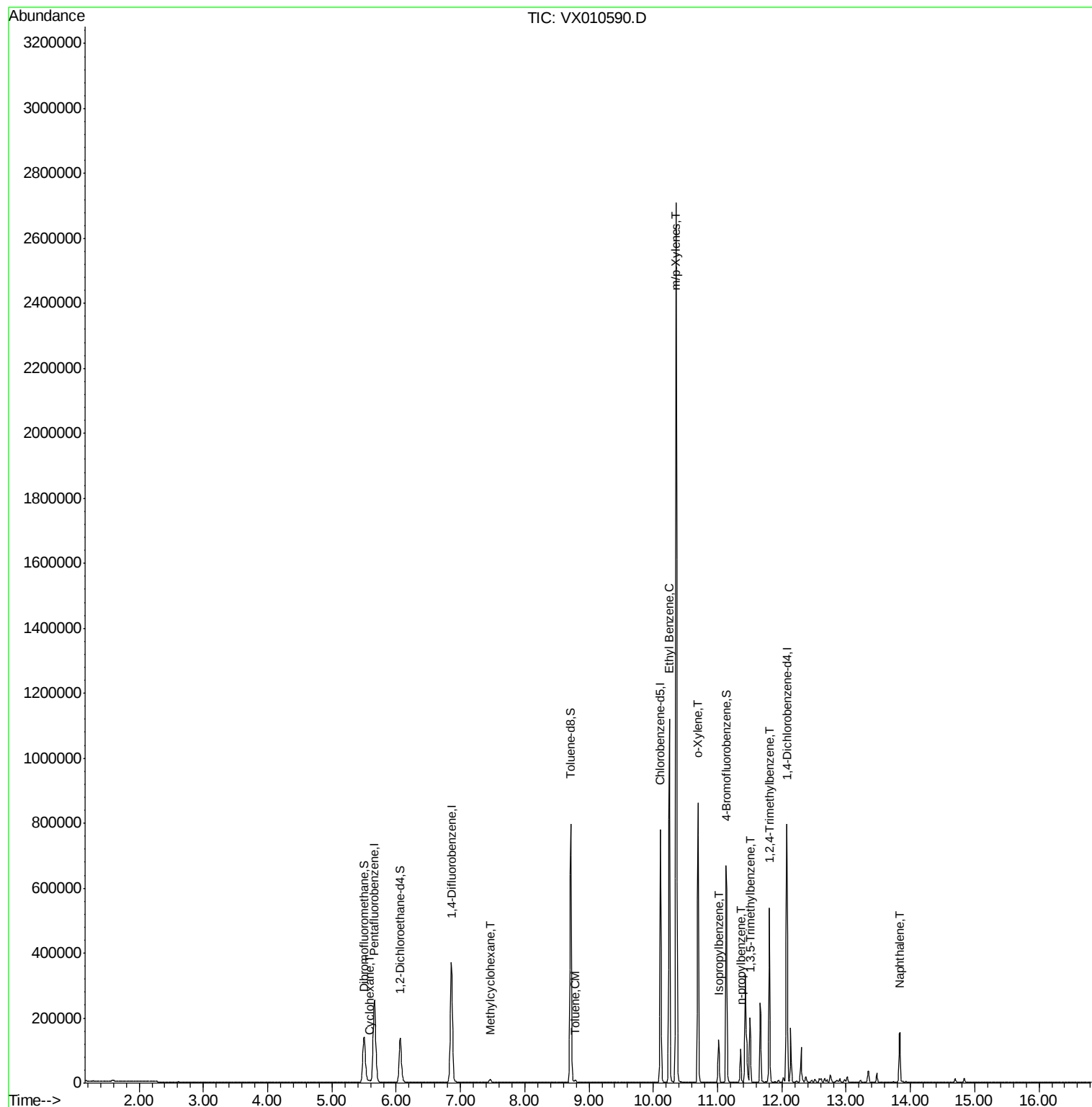
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.59	56	4049	1.116	ug/l	# 79
39) Methylcyclohexane	7.46	83	4648	1.092	ug/l	94
52) Toluene	8.79	92	2486	0.374	ug/l	93
67) Ethyl Benzene	10.25	91	616853	48.233	ug/l	99
68) m/p-Xylenes	10.36	106	679289	137.079	ug/l	99
69) o-Xylene	10.69	106	194537	39.919	ug/l	99
73) Isopropylbenzene	11.02	105	67453	5.561	ug/l	100
78) n-propylbenzene	11.36	91	63436	4.759	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	87683	8.769	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	228916	22.788	ug/l	99
95) Naphthalene	13.83	128	101356	8.095	ug/l	99

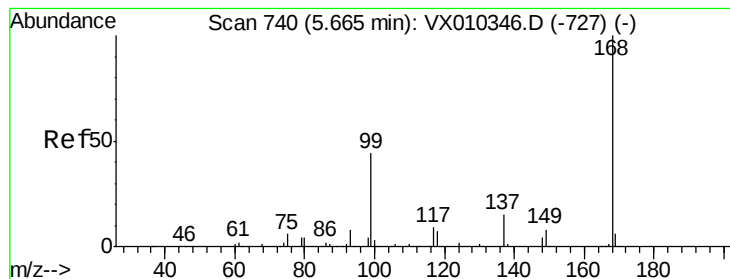
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070119\
Data File : VX010590.D
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Quant Time: Jul 02 06:44:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

Instrument :

MSVOA_X

ClientSampled :

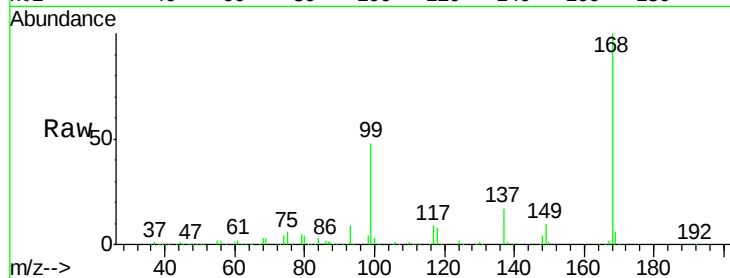
FL-0576DL

Tot Ion:168 Resp: 267802

Ion Ratio Lower Upper

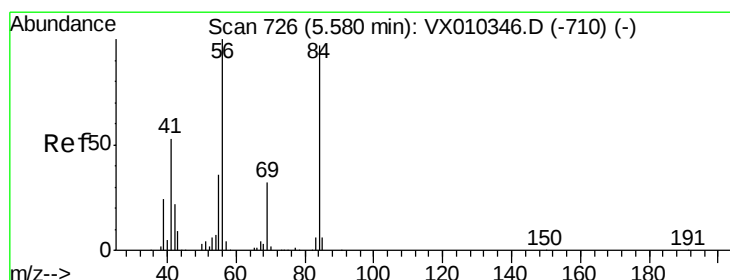
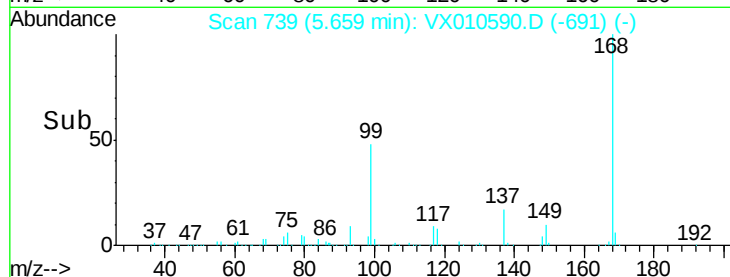
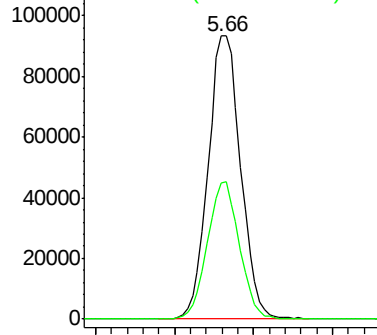
168 100

99 48.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 1.116 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

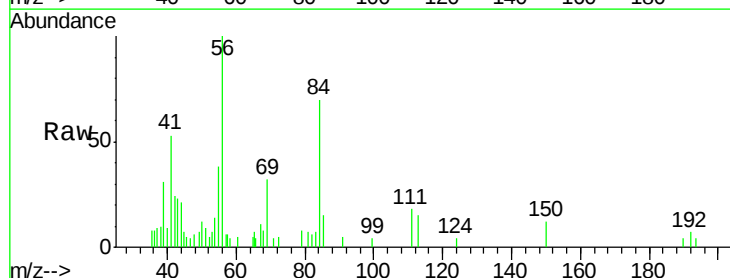
Tgt Ion: 56 Resp: 4049

Ion Ratio Lower Upper

56 100

69 31.6 25.9 38.9

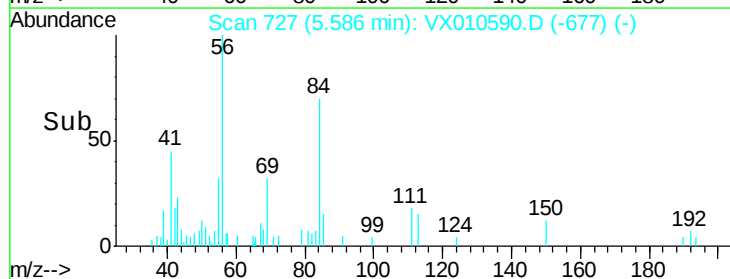
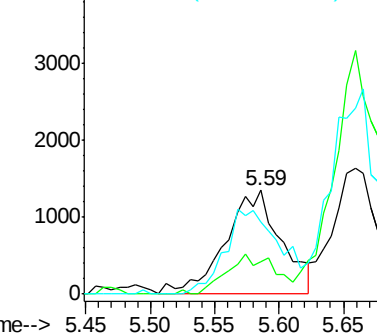
84 70.1 78.0 117.0#

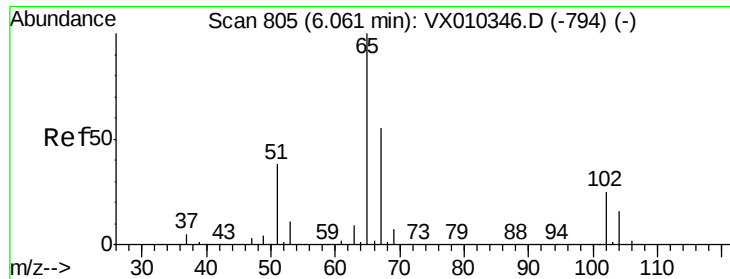


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

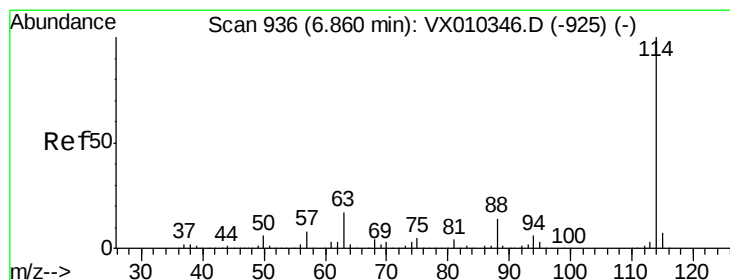
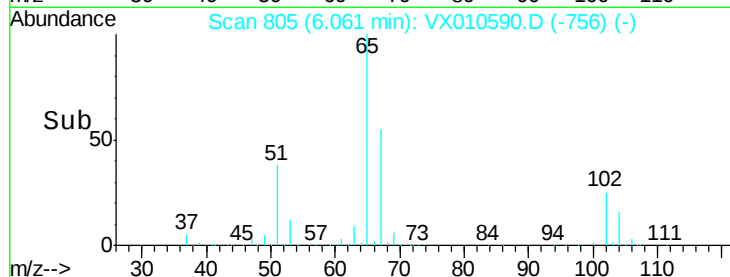
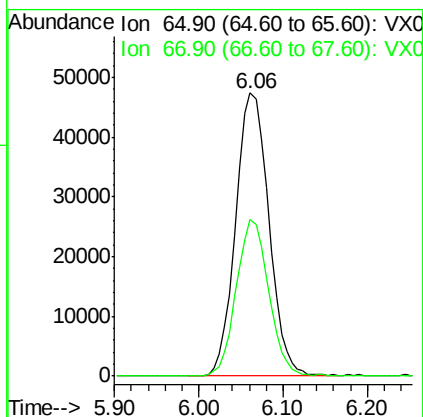
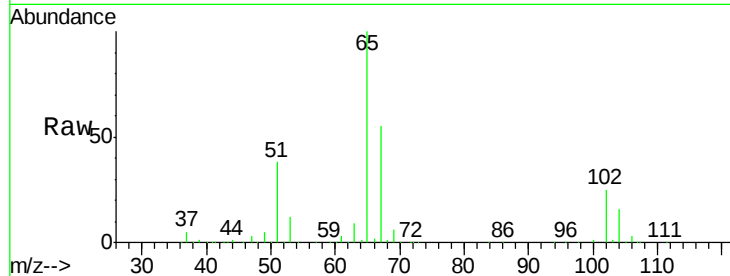




#33
 1,2-Dichloroethane-d4
 Concen: 50.353 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010590.D
 Acq: 01 Jul 2019 14:57

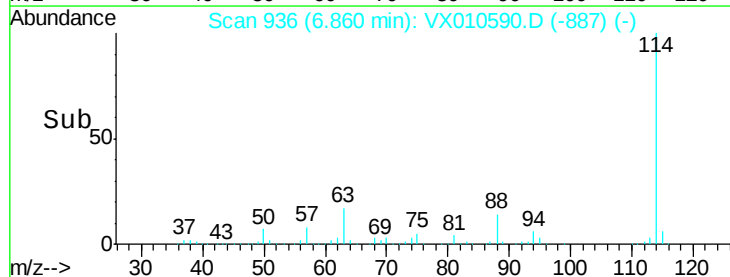
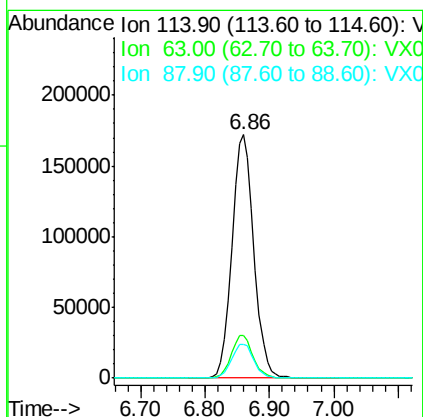
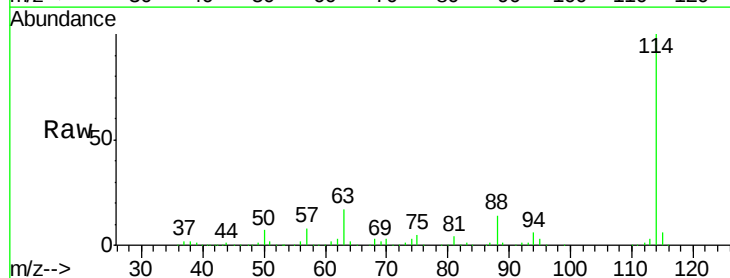
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0576DL

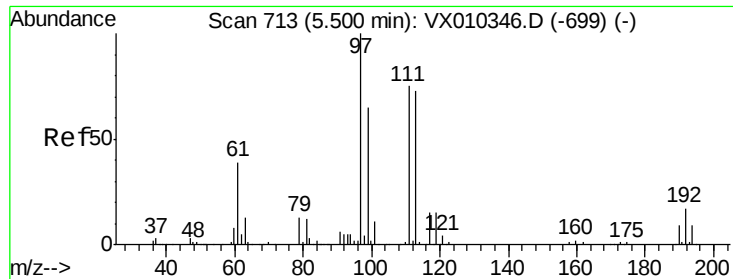
Tot Ion: 65 Resp: 126433
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010590.D
 Acq: 01 Jul 2019 14:57

Tgt Ion: 114 Resp: 407424
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 13.9 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.735 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

FL-0576DL

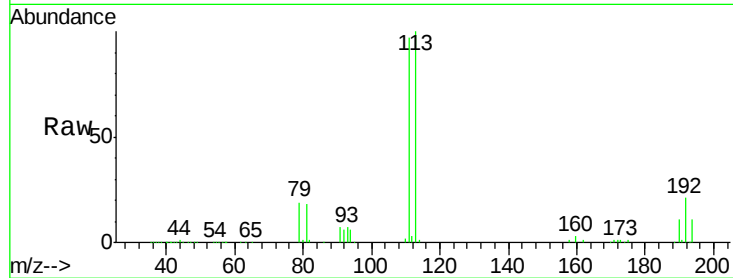
Tot Ion:113 Resp: 121486

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

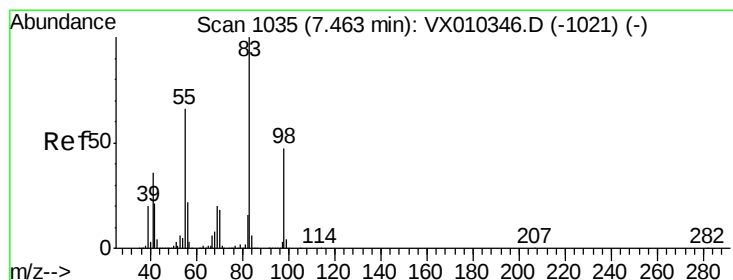
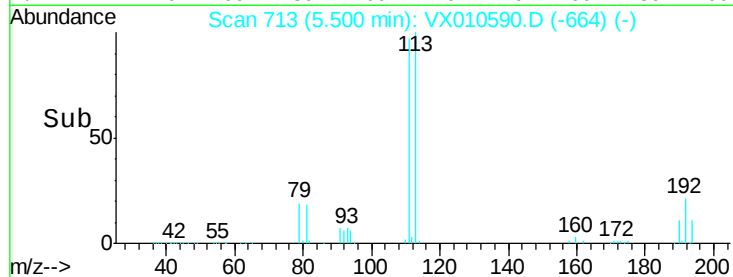
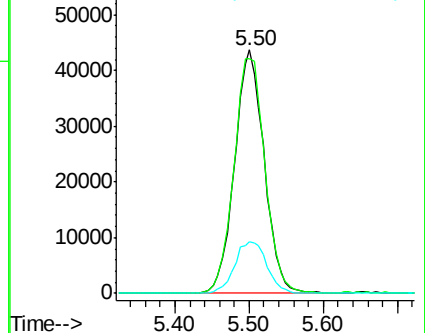
192 23.1 18.6 27.8



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: 1.092 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

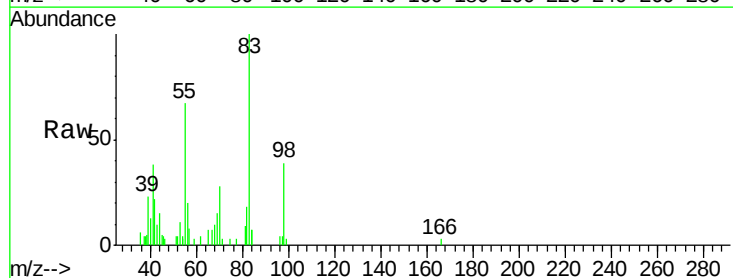
Tgt Ion: 83 Resp: 4648

Ion Ratio Lower Upper

83 100

55 67.3 53.0 79.6

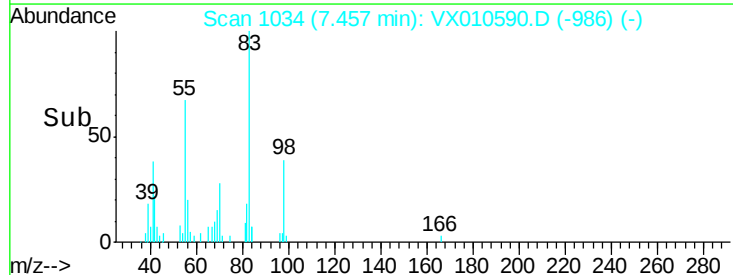
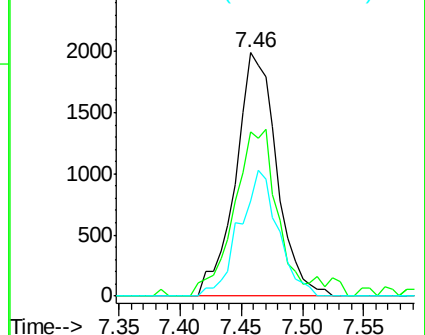
98 39.0 37.8 56.8

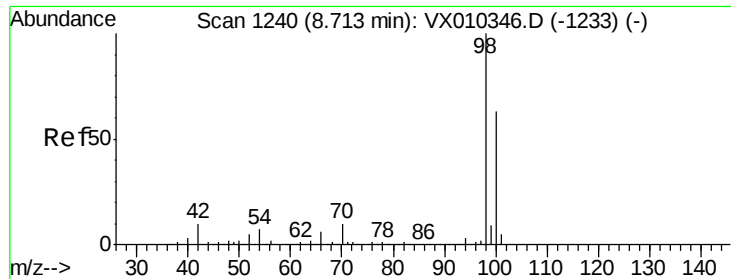


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

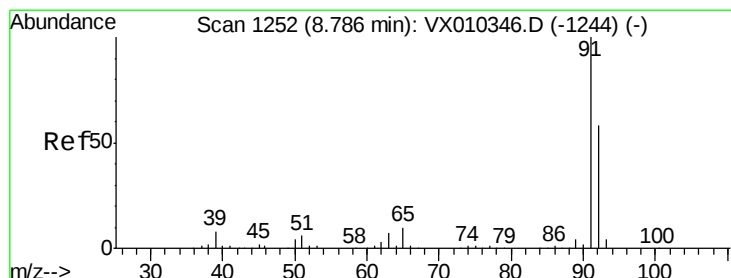
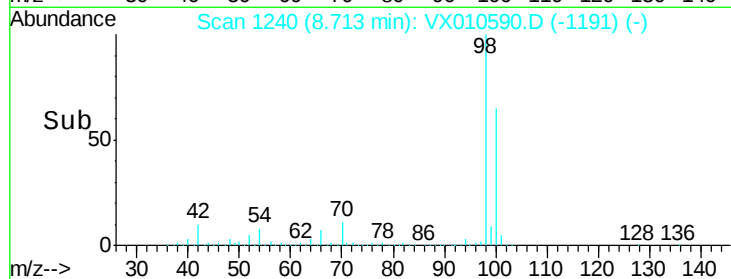
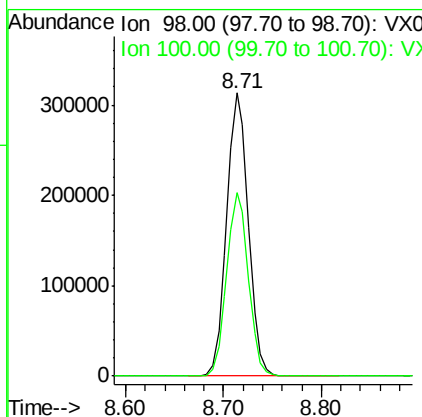
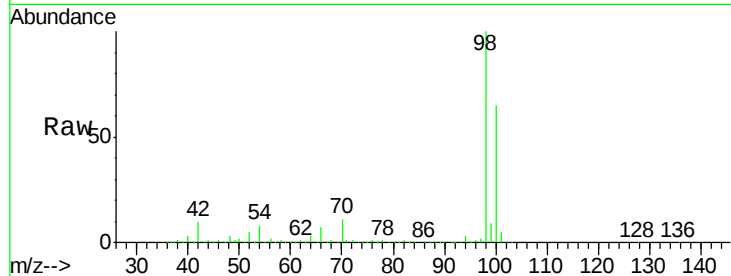




#50
Toluene-d8
Concen: 50.495 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010590.D
Acq: 01 Jul 2019 14:57

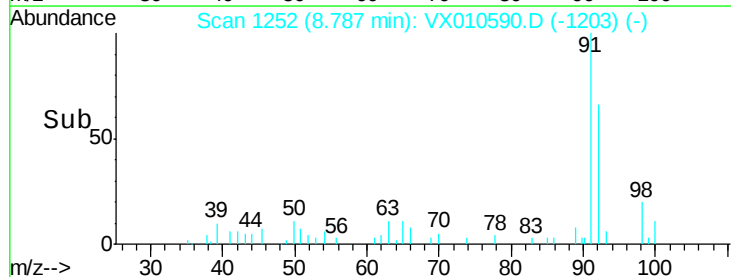
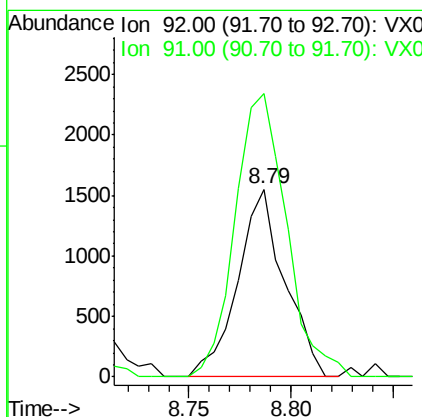
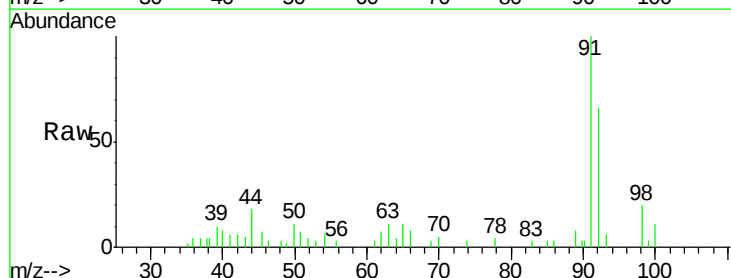
Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

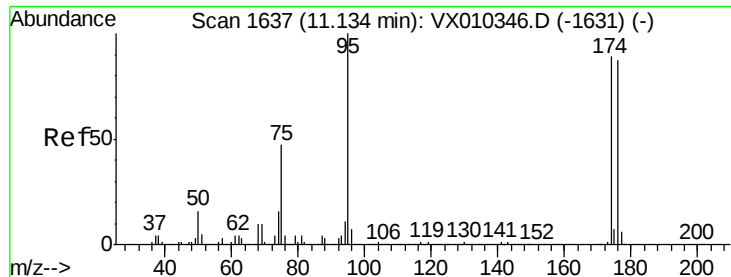
Tot Ion: 98 Resp: 481564
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#52
Toluene
Concen: 0.374 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010590.D
Acq: 01 Jul 2019 14:57

Tgt Ion: 92 Resp: 2486
Ion Ratio Lower Upper
92 100
91 164.6 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 48.544 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

FL-0576DL

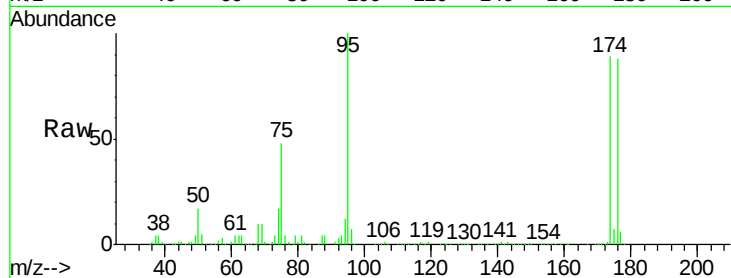
Tot Ion: 95 Resp: 167141

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.6

176 92.9 0.0 184.0

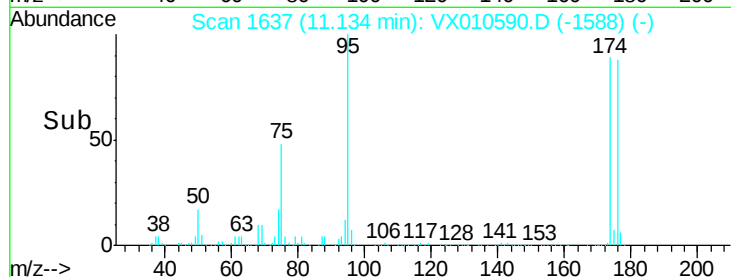


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

Time-->

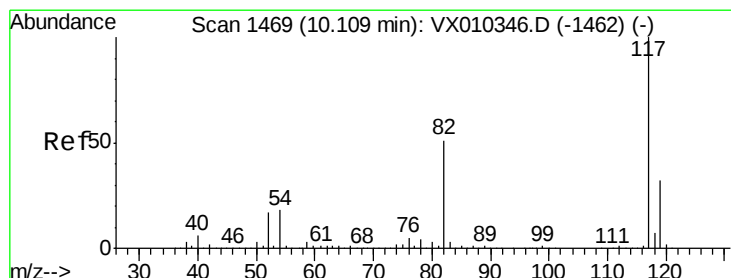


Abundance Ion 94.90 (94.60 to 95.60): VX010590.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010590.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010590.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

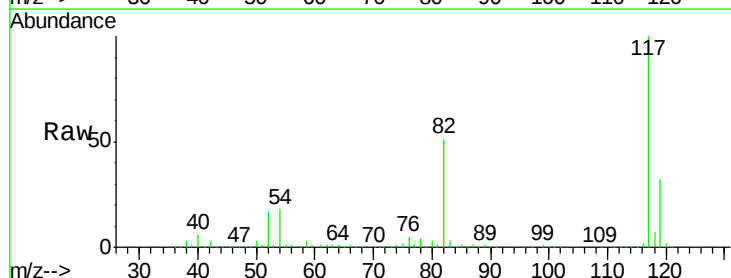
Tgt Ion: 117 Resp: 373143

Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

119 32.2 25.5 38.3

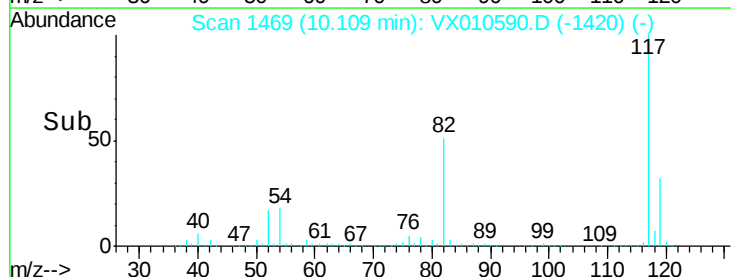


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

Time-->

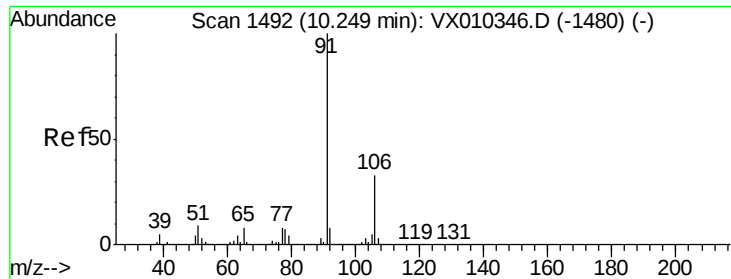


Abundance Ion 116.90 (116.60 to 117.60): VX010590.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010590.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010590.D (-1420) (-)

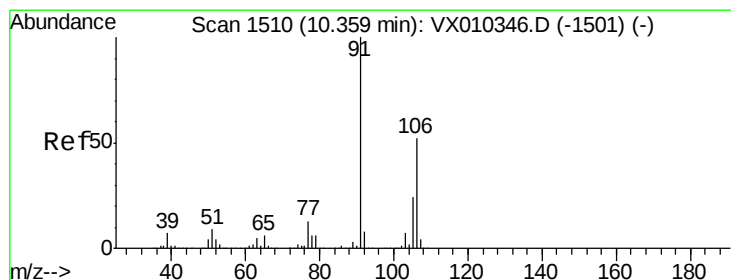
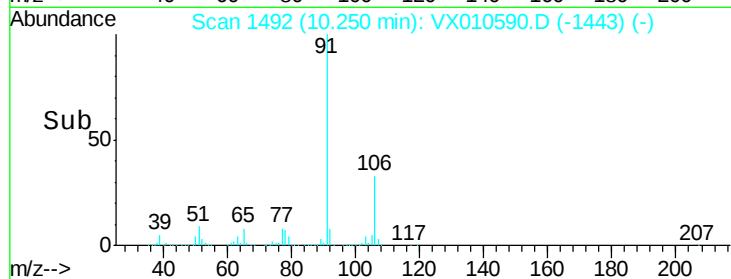
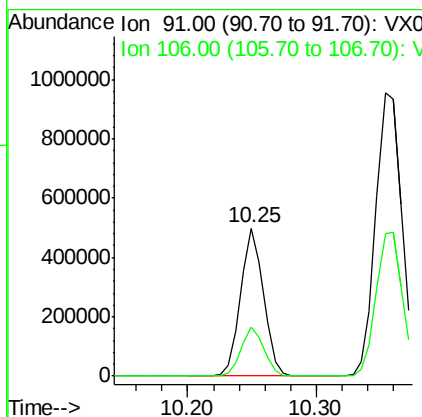
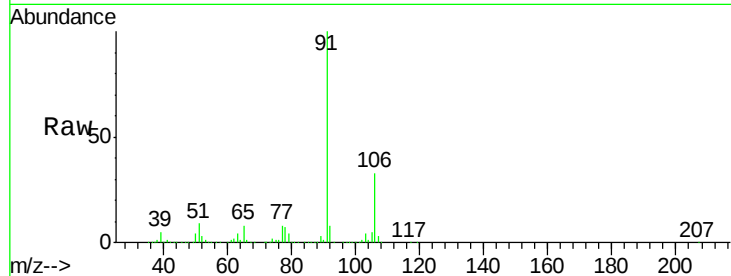
Time-->



#67
Ethyl Benzene
Concen: 48.233 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010590.D
Acq: 01 Jul 2019 14:57

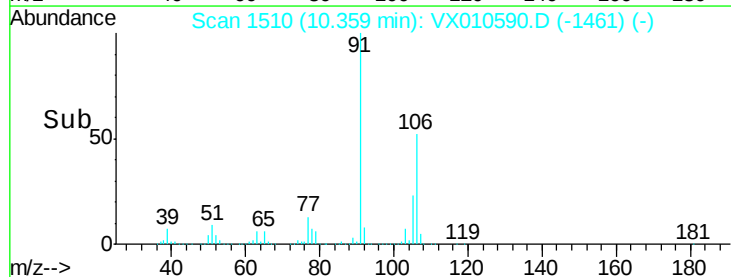
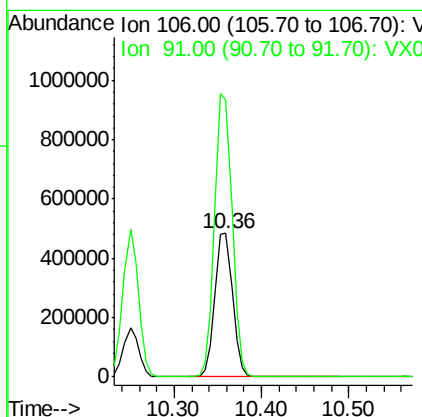
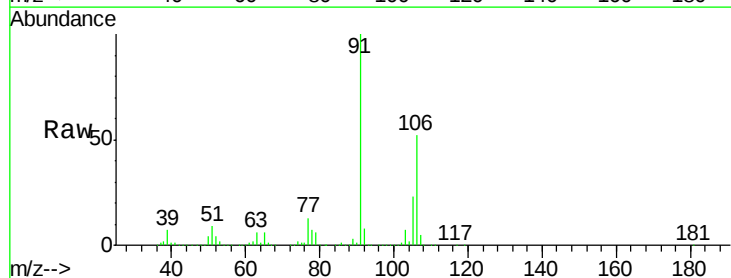
Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

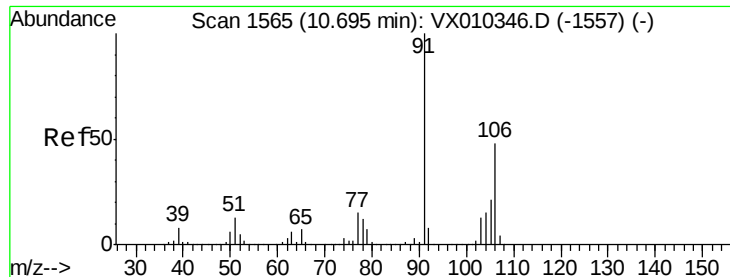
Tot Ion: 91 Resp: 616853
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.2



#68
m/p-Xylenes
Concen: 137.079 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010590.D
Acq: 01 Jul 2019 14:57

Tgt Ion: 106 Resp: 679289
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9

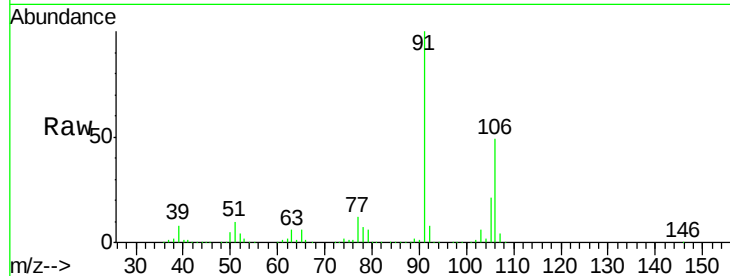




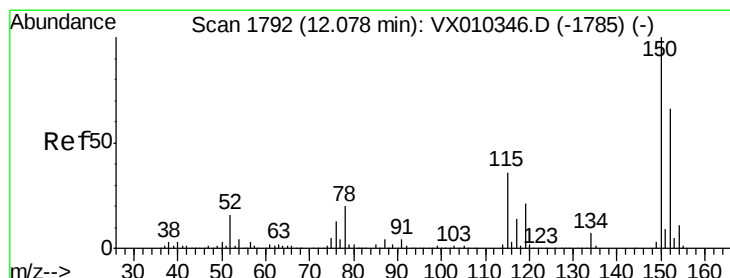
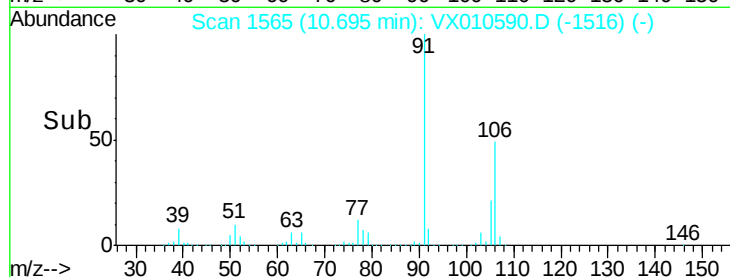
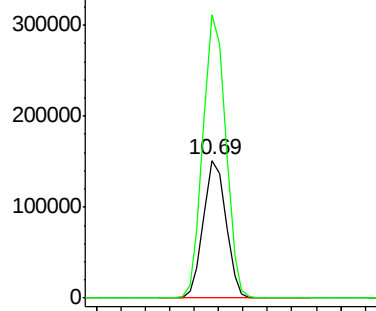
#69
o-Xylene
Concen: 39.919 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010590.D
Acq: 01 Jul 2019 14:57

Instrument :
MSVOA_X
ClientSampleID :
FL-0576DL

Tot Ion:106 Resp: 194537
Ion Ratio Lower Upper
106 100
91 206.2 102.7 308.1

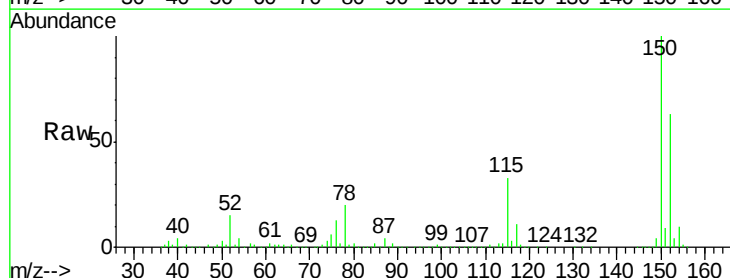


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

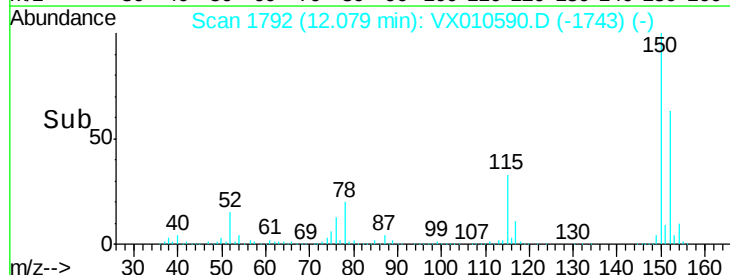
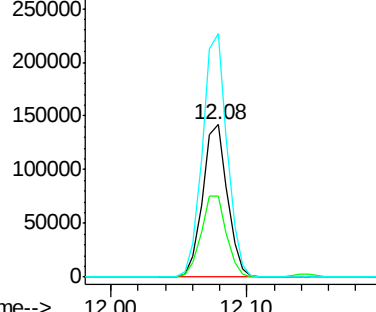


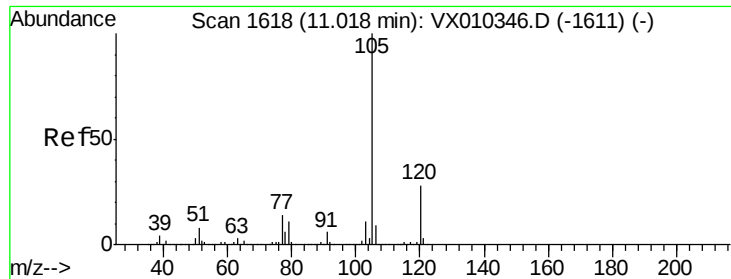
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010590.D
Acq: 01 Jul 2019 14:57

Tgt Ion:152 Resp: 178924
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 159.0 0.0 347.4



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: 5.561 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

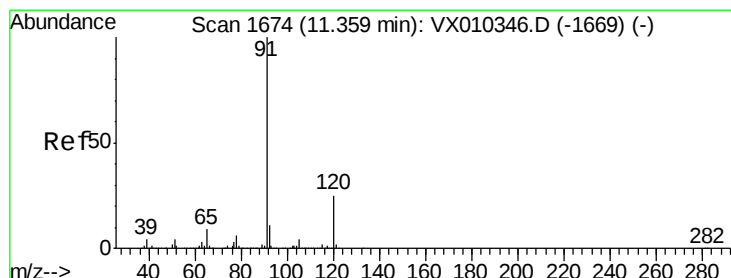
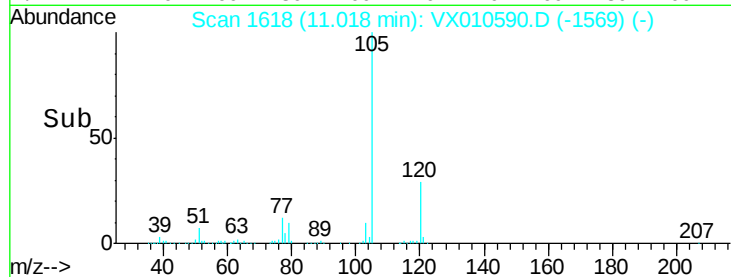
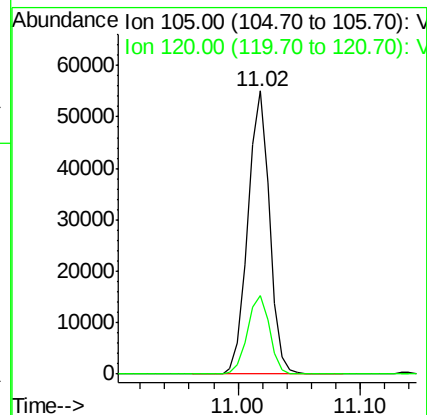
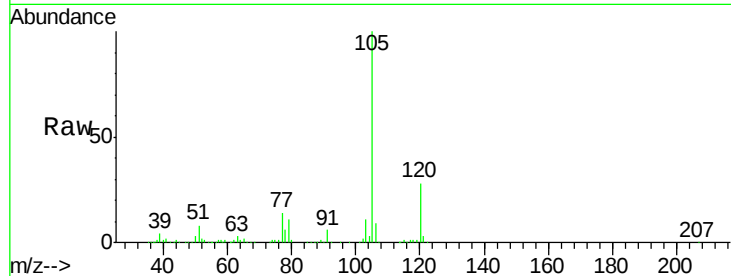
FL-0576DL

Tot Ion: 105 Resp: 67453

Ion Ratio Lower Upper

105 100

120 28.4 14.1 42.4



#78

n-propylbenzene

Concen: 4.759 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010590.D

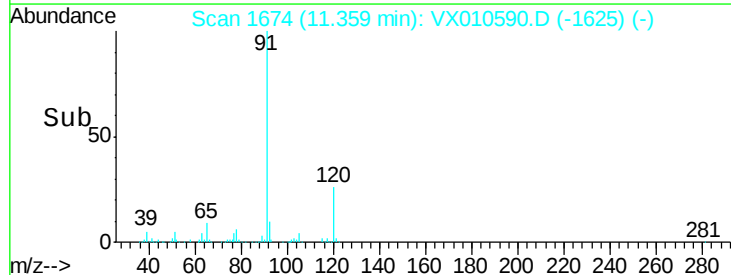
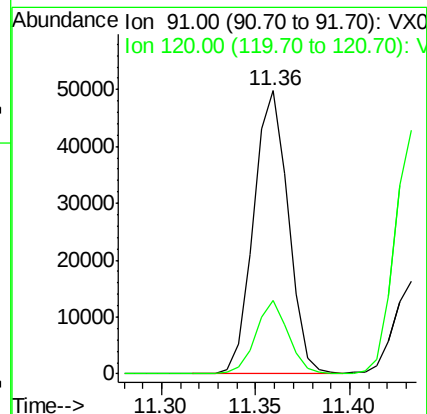
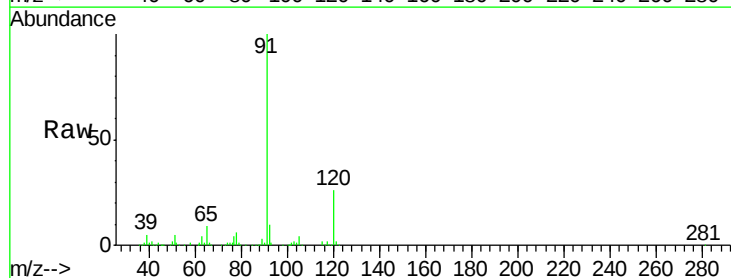
Acq: 01 Jul 2019 14:57

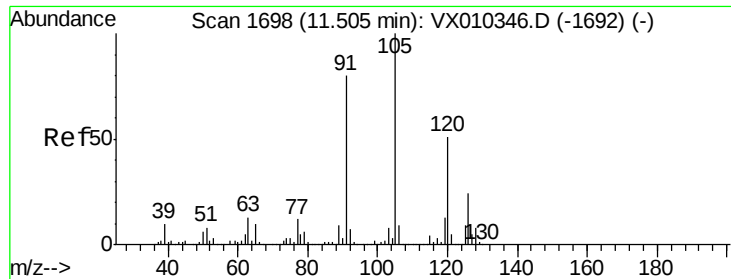
Tgt Ion: 91 Resp: 63436

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.4





#80

1,3,5-Trimethylbenzene

Concen: 8.769 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010590.D

Acq: 01 Jul 2019 14:57

Instrument :

MSVOA_X

ClientSampled :

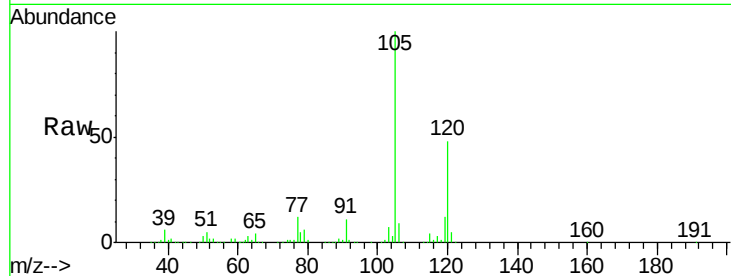
FL-0576DL

Tot Ion:105 Resp: 87683

Ion Ratio Lower Upper

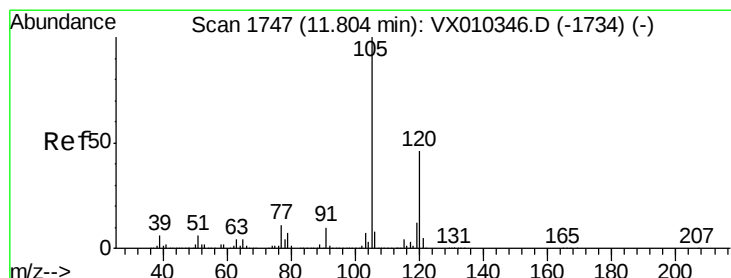
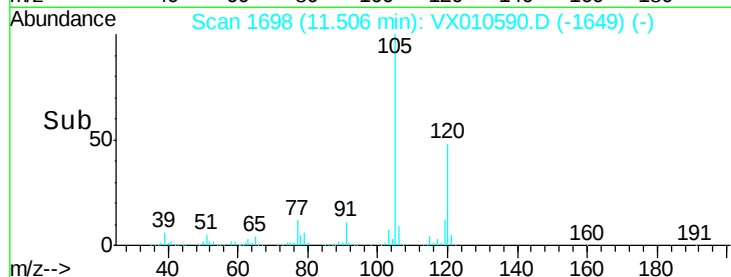
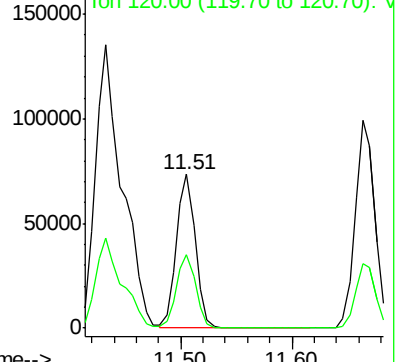
105 100

120 48.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.788 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010590.D

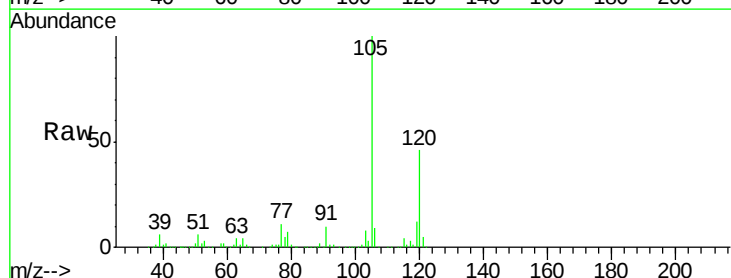
Acq: 01 Jul 2019 14:57

Tgt Ion:105 Resp: 228916

Ion Ratio Lower Upper

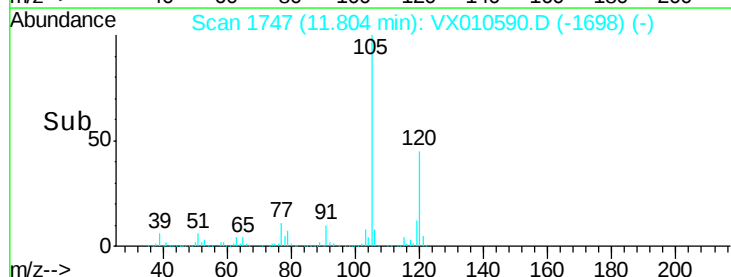
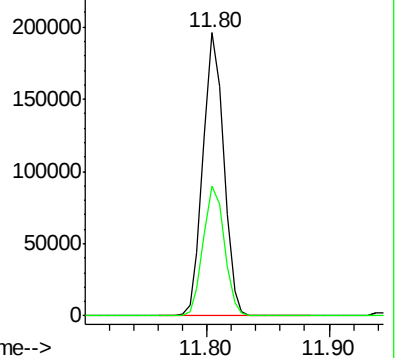
105 100

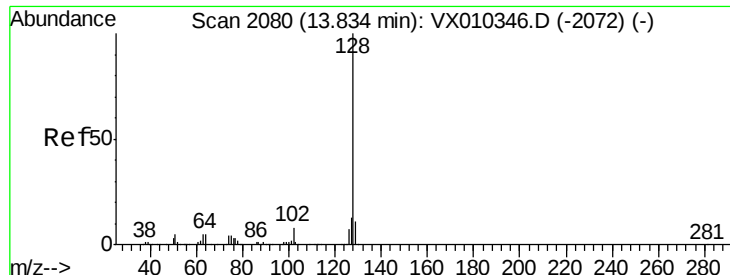
120 46.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 8.095 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010590.D
Acq: 01 Jul 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.7	8.9	13.3

