

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010585.D
 Acq On : 01 Jul 2019 13:01
 Operator : JC/SP
 Sample : K3565-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570DL

Quant Time: Jul 02 10:11:33 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

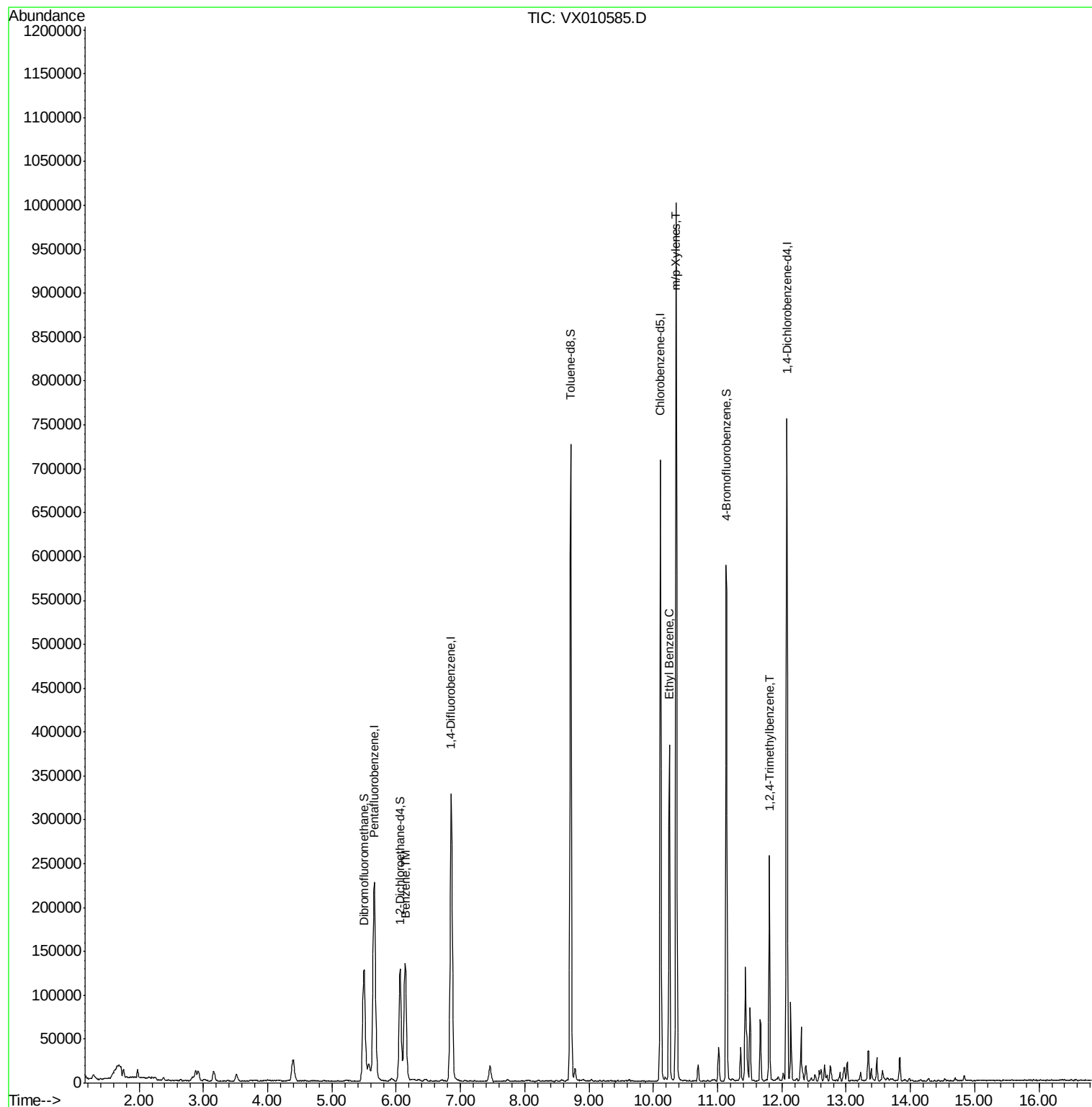
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115066	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	5.49	113	108429	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	432760	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	150447	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
40) Benzene	6.14	78	169136	18.791	ug/l	99
67) Ethyl Benzene	10.25	91	220454	19.117	ug/l	99
68) m/p-Xylenes	10.35	106	252030	56.404	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	108776	11.673	ug/l	98

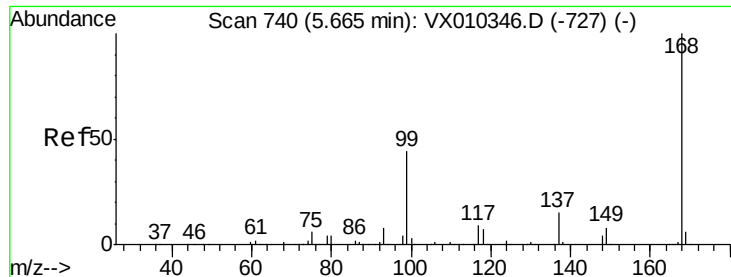
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010585.D

Acq: 01 Jul 2019 13:01

Instrument :

MSVOA_X

ClientSampleId :

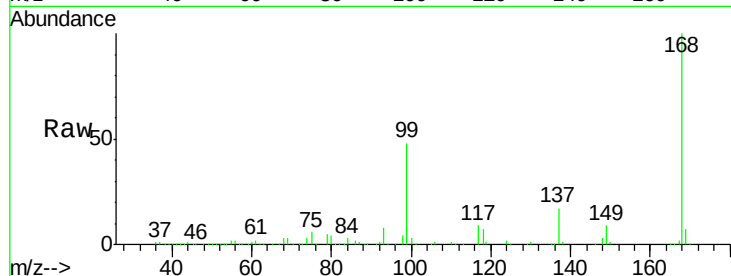
FL-0570DL

Tot Ion:168 Resp: 237898

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

5.66

80000

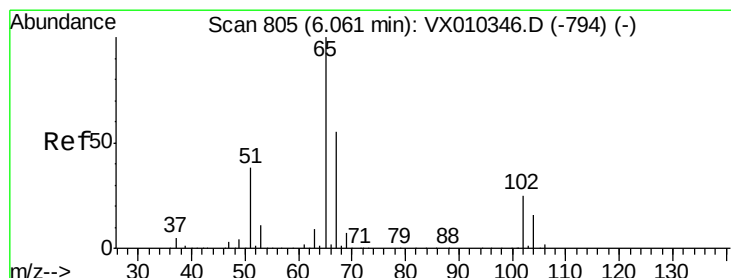
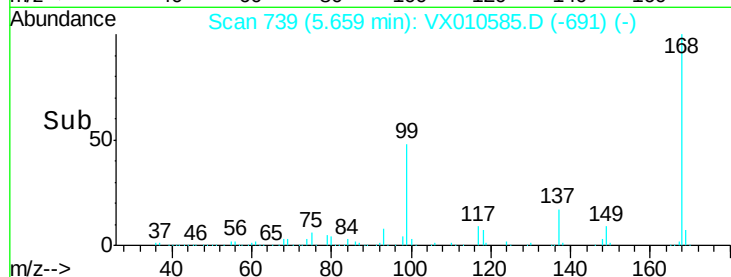
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.587 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010585.D

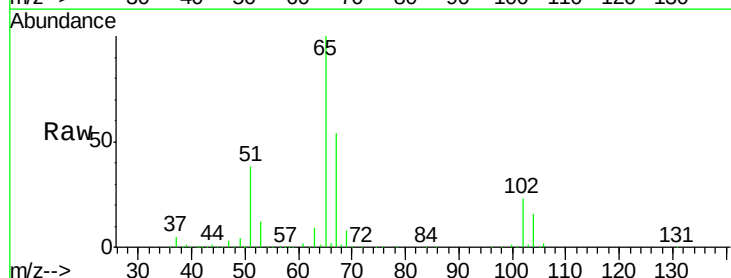
Acq: 01 Jul 2019 13:01

Tgt Ion: 65 Resp: 115066

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

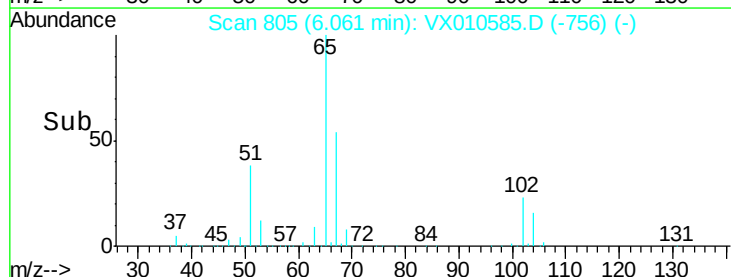
30000

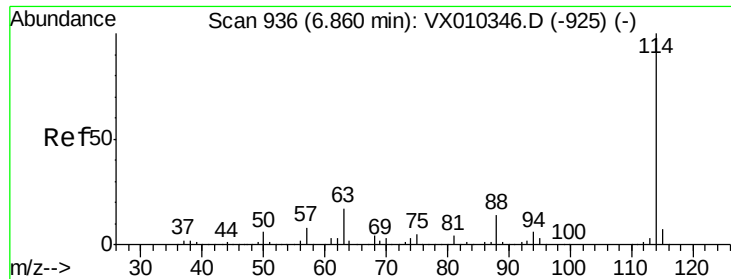
20000

10000

0

Time--> 6.00 6.10 6.20

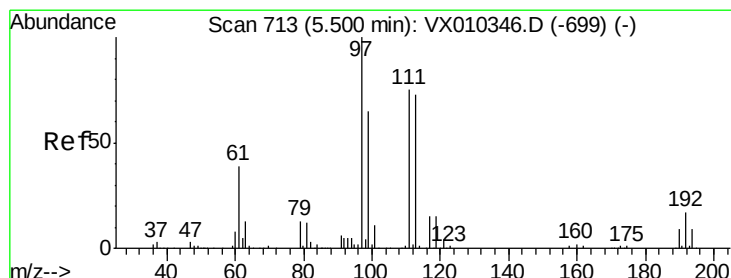
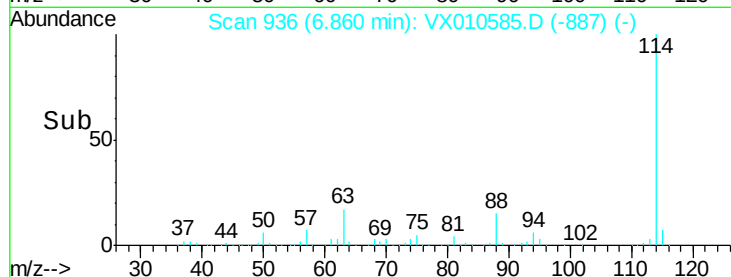
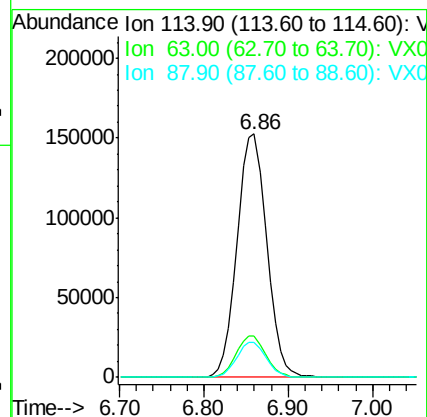
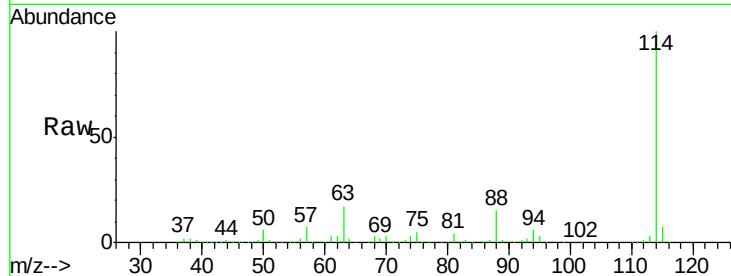




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010585.D
 Acq: 01 Jul 2019 13:01

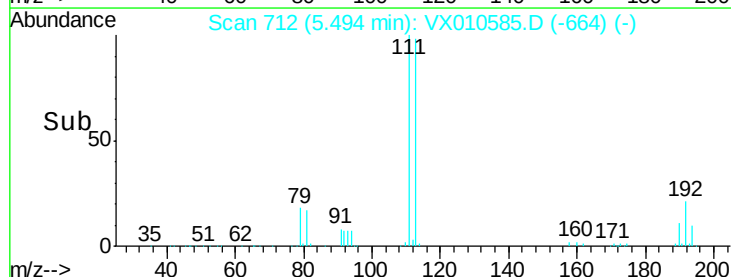
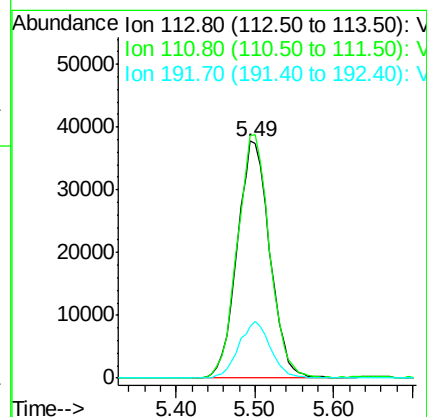
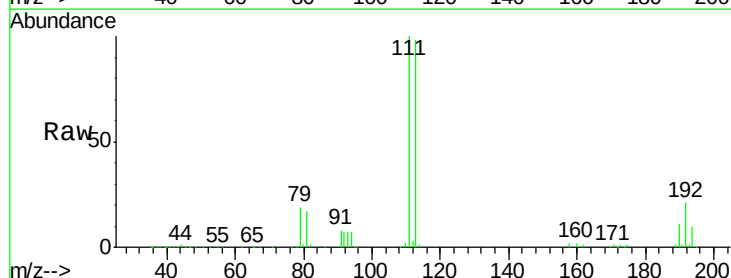
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570DL

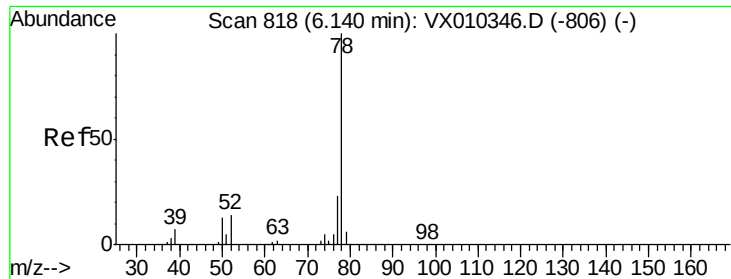
Tot Ion:114 Resp: 363563
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.8
 88 14.6 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 48.745 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010585.D
 Acq: 01 Jul 2019 13:01

Tgt Ion:113 Resp: 108429
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 23.2 18.6 27.8





#40

Benzene

Concen: 18.791 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010585.D

Acq: 01 Jul 2019 13:01

Instrument :

MSVOA_X

ClientSampleId :

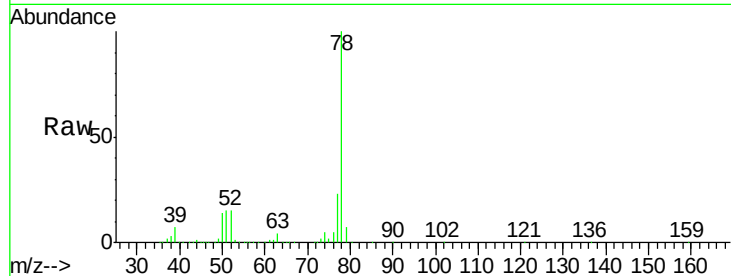
FL-0570DL

Tot Ion: 78 Resp: 169136

Ion Ratio Lower Upper

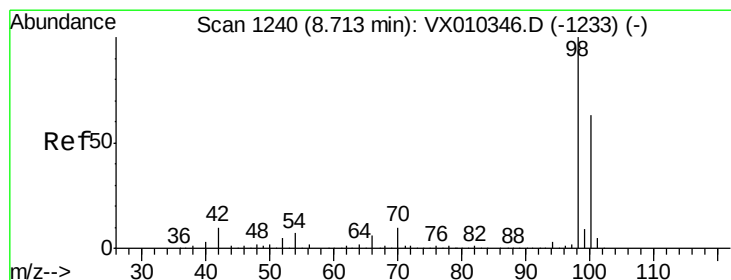
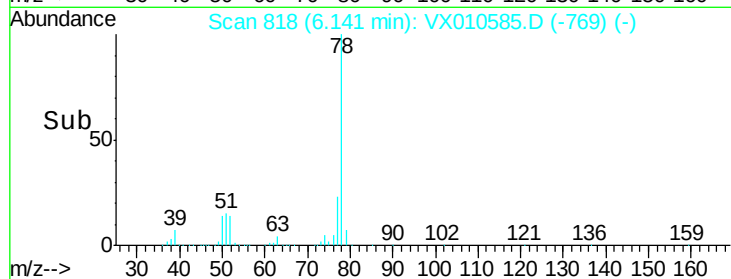
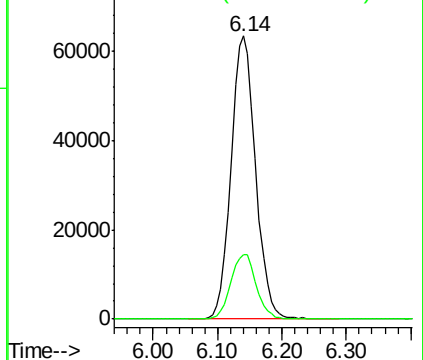
78 100

77 23.0 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.852 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010585.D

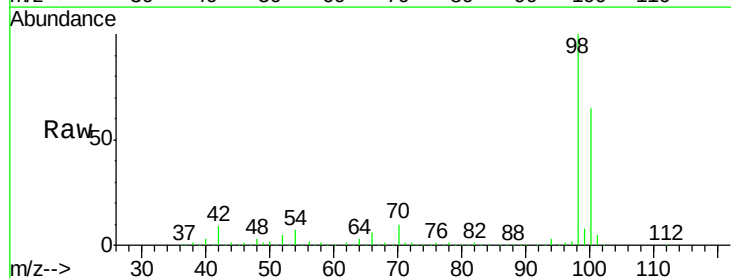
Acq: 01 Jul 2019 13:01

Tgt Ion: 98 Resp: 432760

Ion Ratio Lower Upper

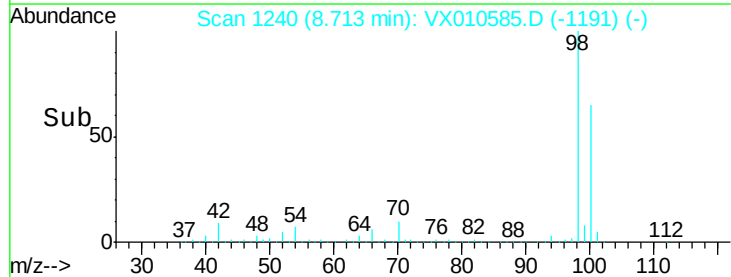
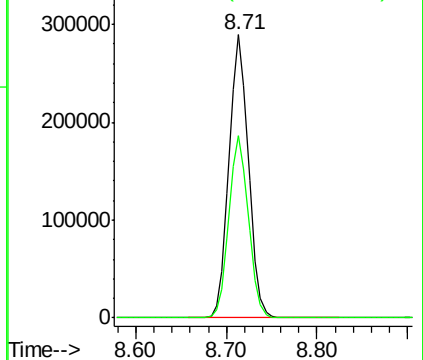
98 100

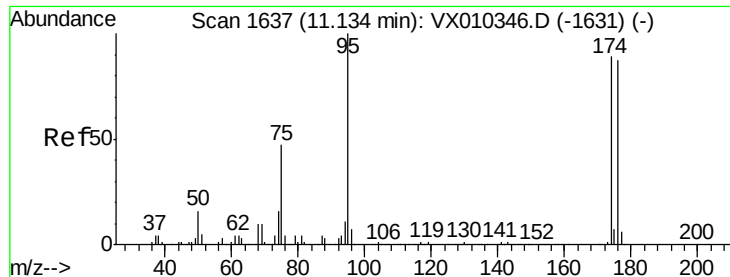
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

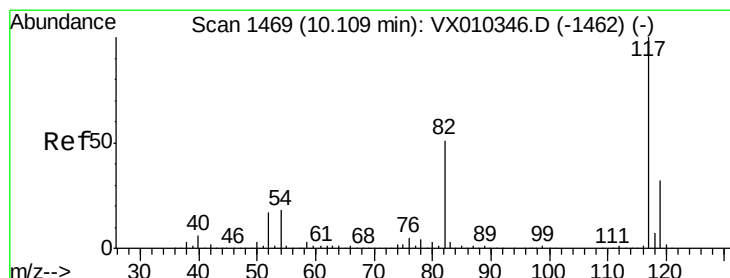
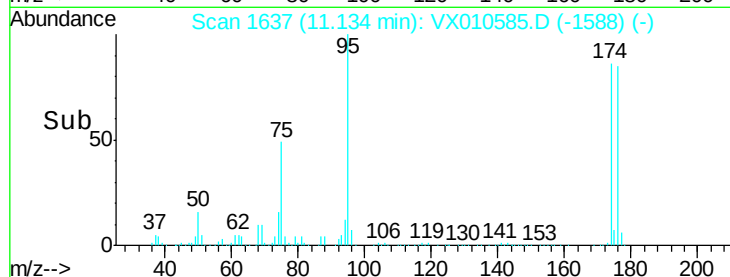
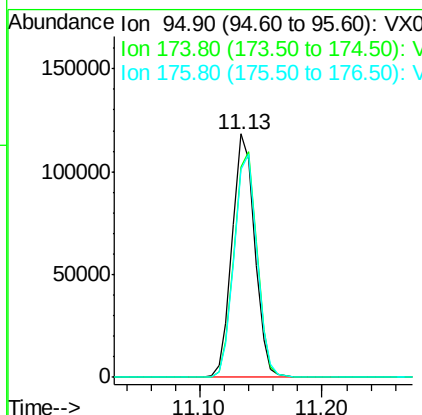
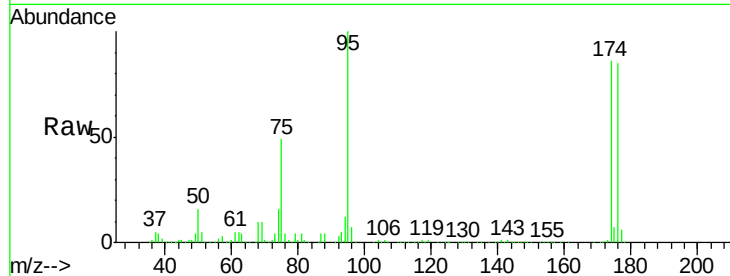




#62
4-Bromofluorobenzene
Concen: 48.967 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010585.D
Acq: 01 Jul 2019 13:01

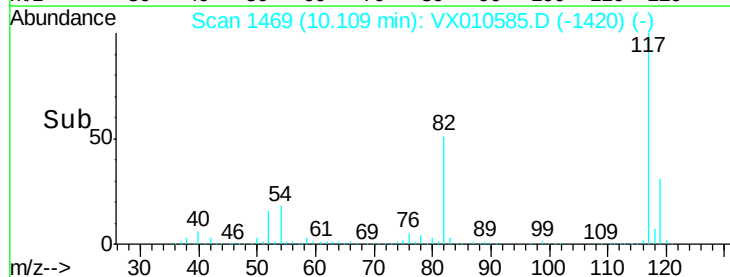
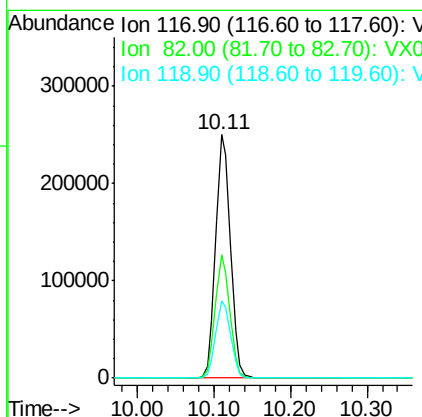
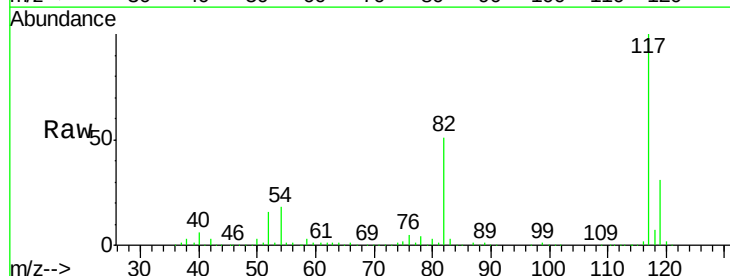
Instrument :
MSVOA_X
ClientSampleId :
FL-0570DL

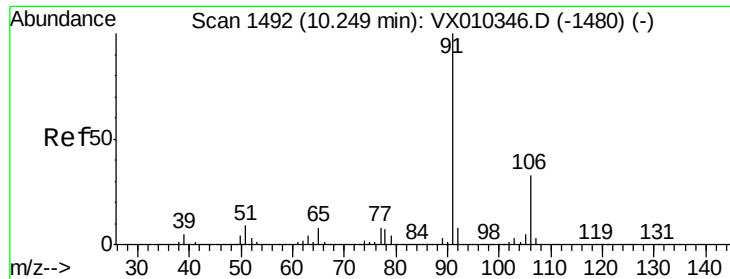
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	187.6
176	92.6	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010585.D
Acq: 01 Jul 2019 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.2	61.8
119	31.5	25.5	38.3

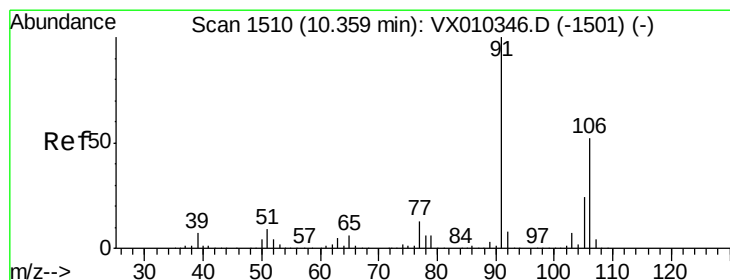
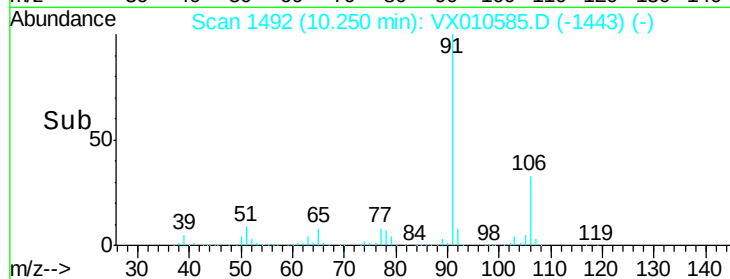
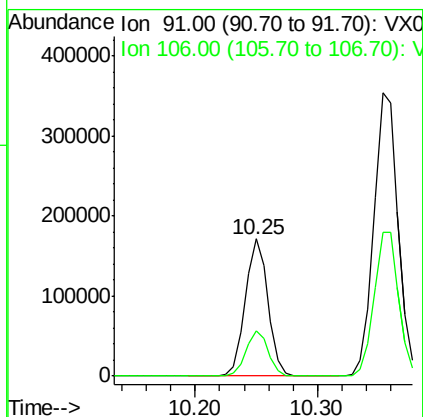
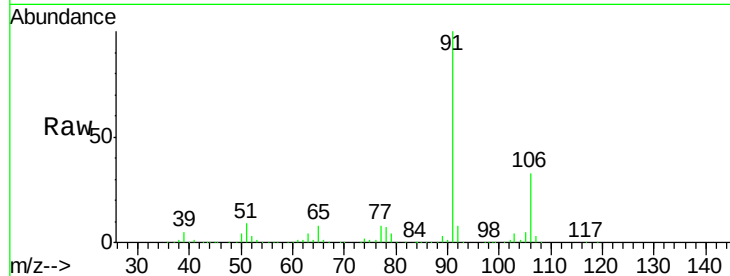




#67
Ethyl Benzene
Concen: 19.117 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010585.D
Acq: 01 Jul 2019 13:01

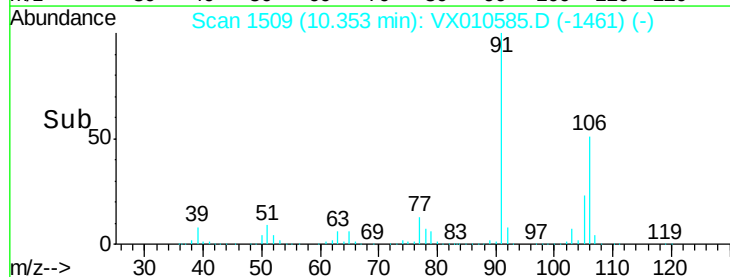
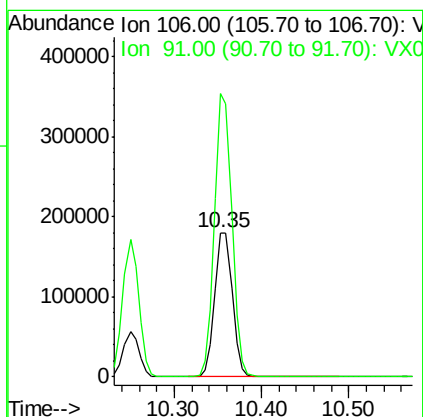
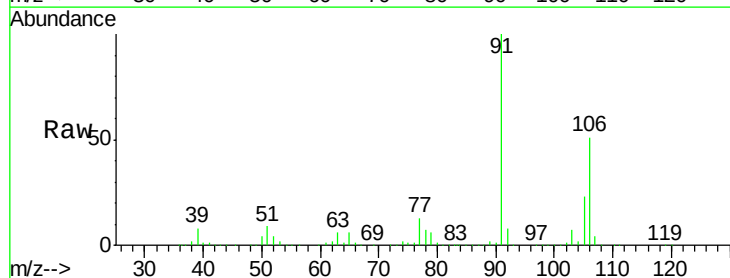
Instrument :
MSVOA_X
ClientSampleID :
FL-0570DL

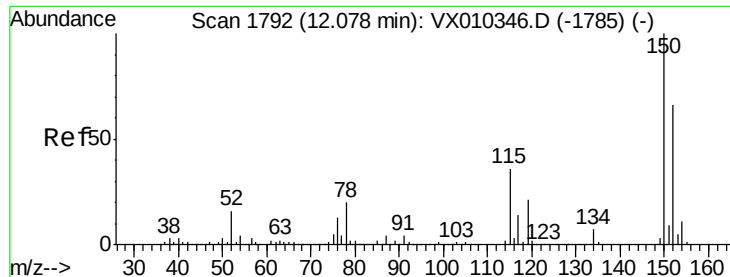
Tot Ion: 91 Resp: 220454
Ion Ratio Lower Upper
91 100
106 33.0 26.2 39.2



#68
m/p-Xylenes
Concen: 56.404 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010585.D
Acq: 01 Jul 2019 13:01

Tgt Ion: 106 Resp: 252030
Ion Ratio Lower Upper
106 100
91 193.2 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010585.D

Acq: 01 Jul 2019 13:01

Instrument :

MSVOA_X

ClientSampled :

FL-0570DL

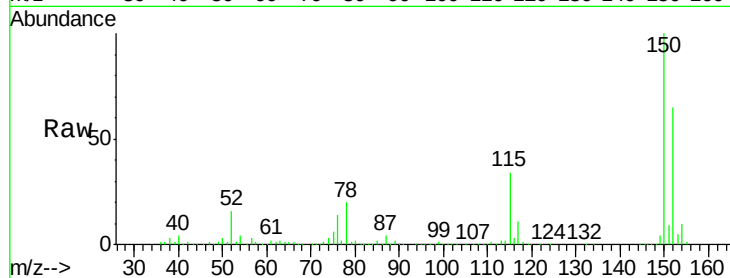
Tot Ion:152 Resp: 165968

Ion Ratio Lower Upper

152 100

115 54.6 38.6 115.7

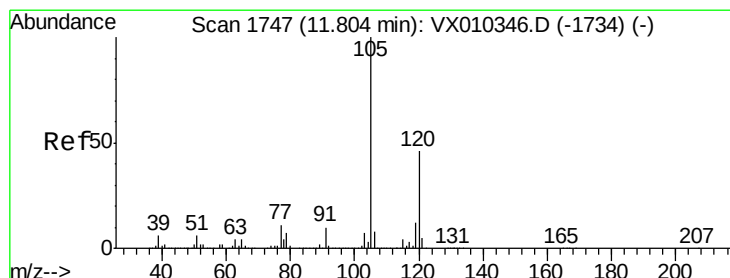
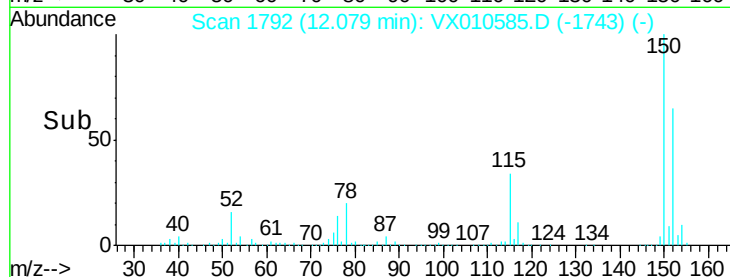
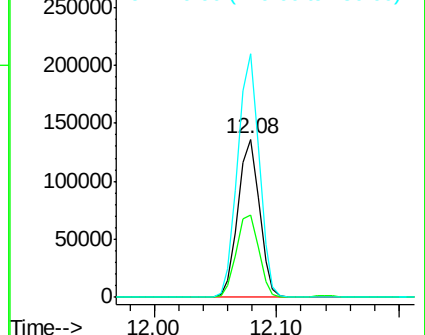
150 153.8 0.0 347.4



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



#84

1,2,4-Trimethylbenzene

Concen: 11.673 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010585.D

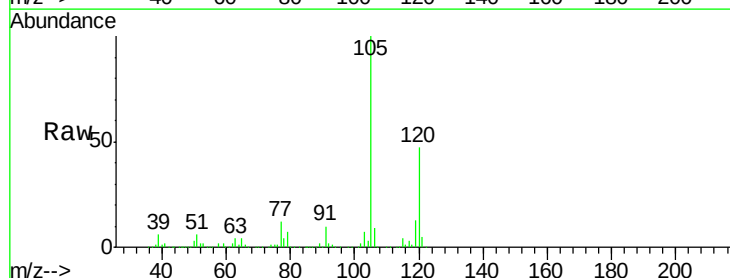
Acq: 01 Jul 2019 13:01

Tgt Ion:105 Resp: 108776

Ion Ratio Lower Upper

105 100

120 47.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

