

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010697.D
 Acq On : 08 Jul 2019 15:49
 Operator : JC/SP
 Sample : K3664-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0585

Quant Time: Jul 09 10:14:31 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	230972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154159	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	114213	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	5.50	113	108328	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	421259	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	144712	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

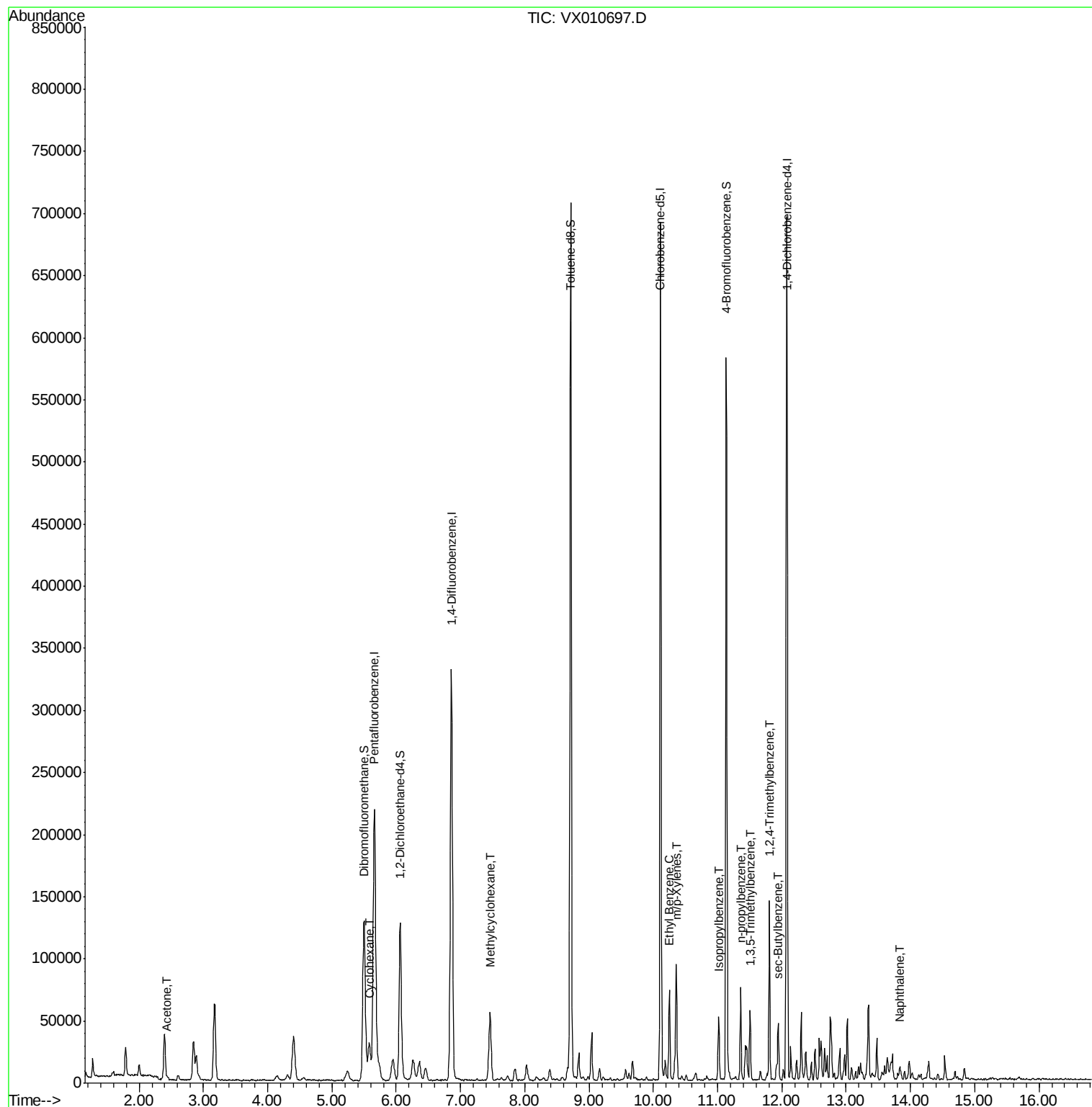
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	2304	2.123	ug/l #	71
31) Cyclohexane	5.58	56	19697	6.297	ug/l	90
39) Methylcyclohexane	7.46	83	25224	6.783	ug/l	96
67) Ethyl Benzene	10.25	91	42266	3.796	ug/l	100
68) m/p-Xylenes	10.36	106	22157	5.136	ug/l	98
73) Isopropylbenzene	11.02	105	25884	2.477	ug/l	99
78) n-propylbenzene	11.36	91	44092	3.839	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	22975	2.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	61882	7.150	ug/l	100
85) sec-Butylbenzene	11.94	105	23366	2.302	ug/l	84
95) Naphthalene	13.83	128	5697	0.528	ug/l #	79

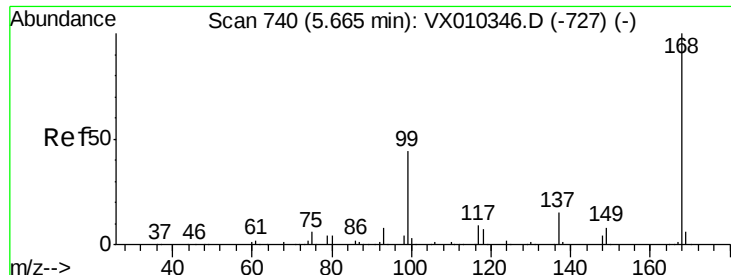
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
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MSVOA_X
ClientSampleId :
FL-0585

Quant Time: Jul 09 10:14:31 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: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampled :

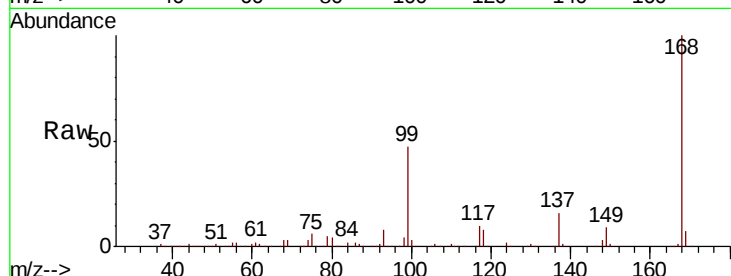
FL-0585

Tgt Ion:168 Resp: 230972

Ion Ratio Lower Upper

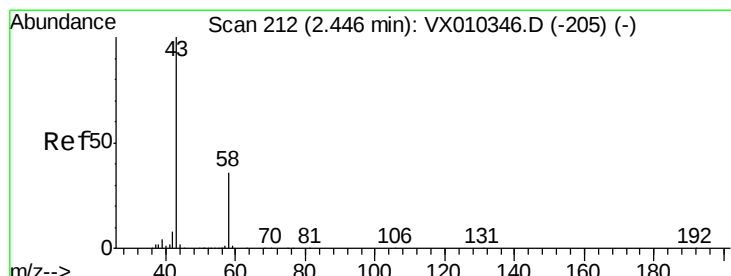
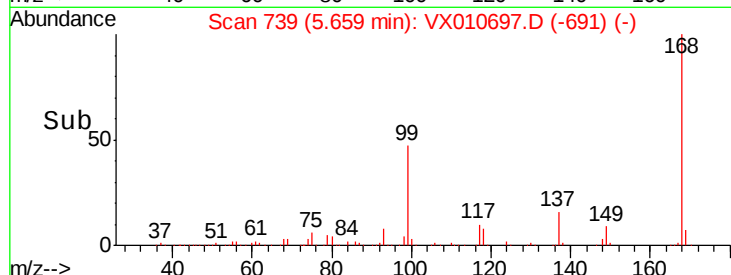
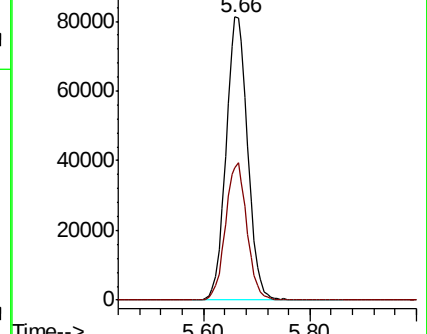
168 100

99 47.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.123 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010697.D

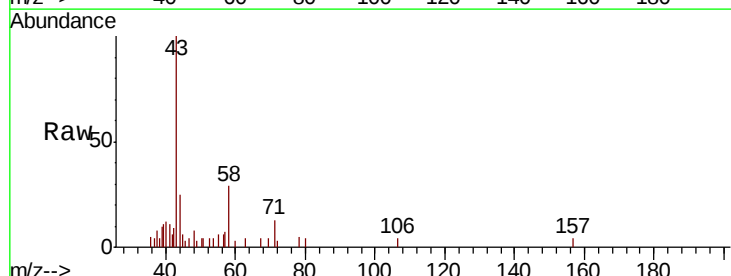
Acq: 08 Jul 2019 15:49

Tgt Ion: 43 Resp: 2304

Ion Ratio Lower Upper

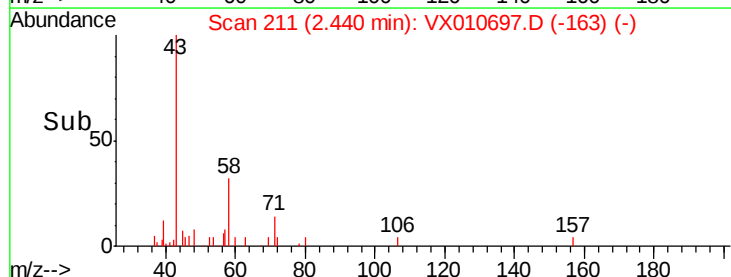
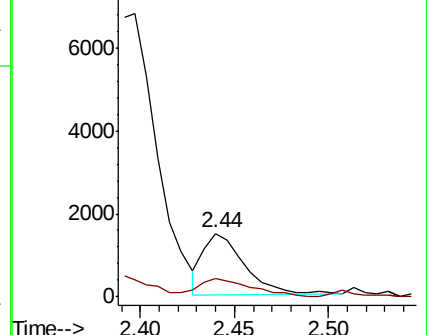
43 100

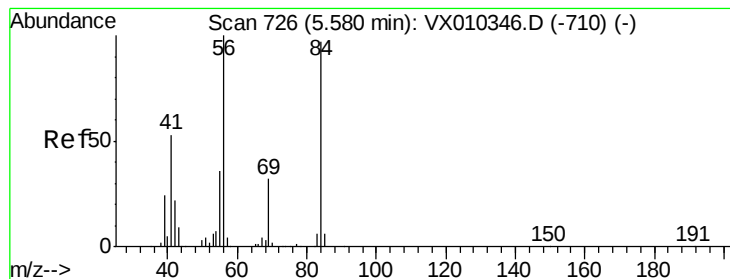
58 18.8 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 6.297 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

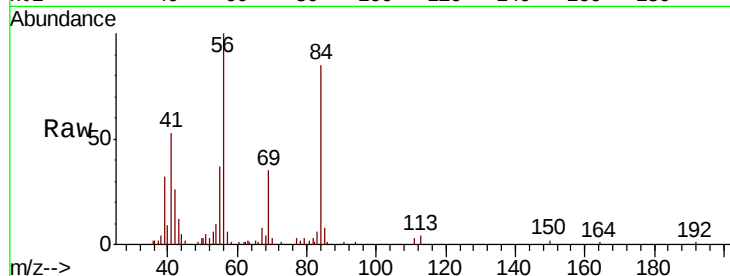
Tgt Ion: 56 Resp: 19697

Ion Ratio Lower Upper

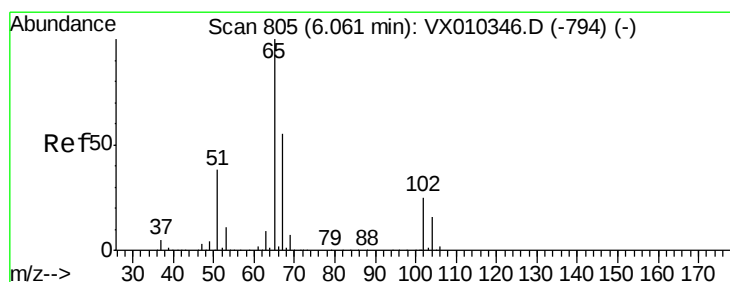
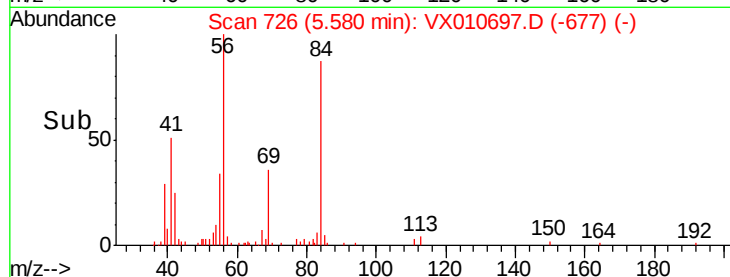
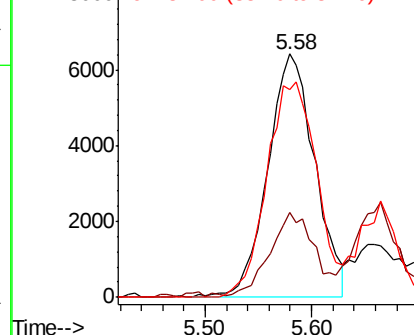
56 100

69 33.3 25.9 38.9

84 85.2 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: 52.740 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010697.D

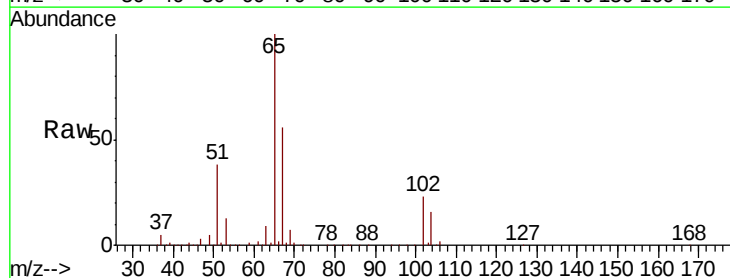
Acq: 08 Jul 2019 15:49

Tgt Ion: 65 Resp: 114213

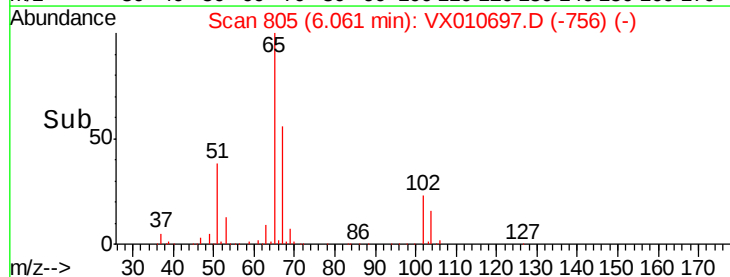
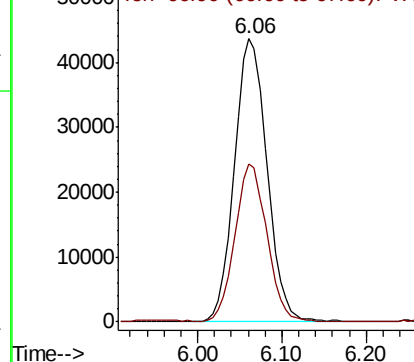
Ion Ratio Lower Upper

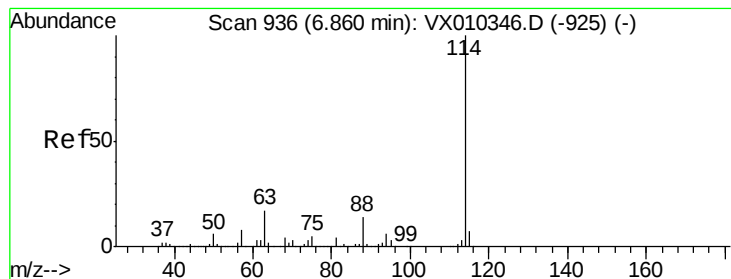
65 100

67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

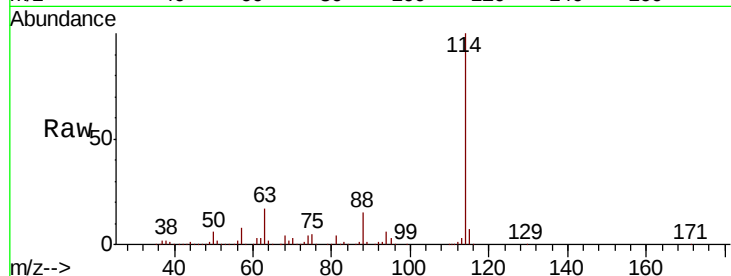
Tgt Ion:114 Resp: 356017

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

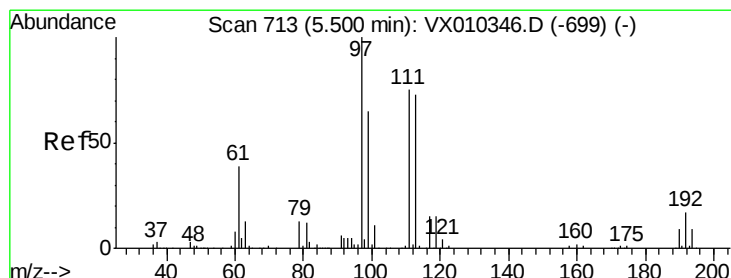
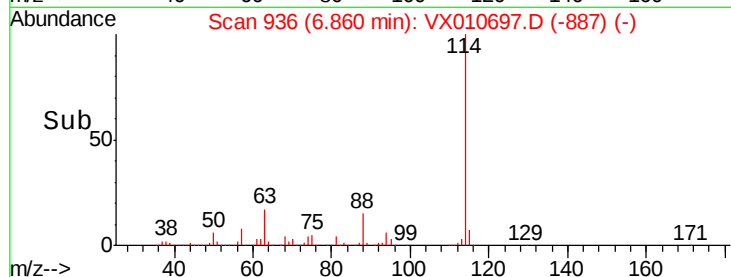
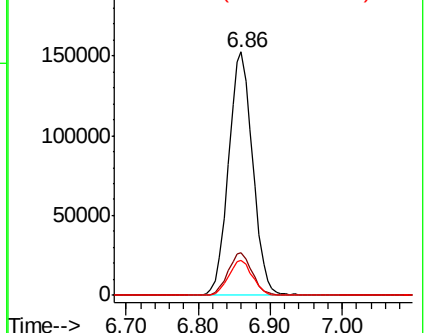
88 14.6 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.732 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

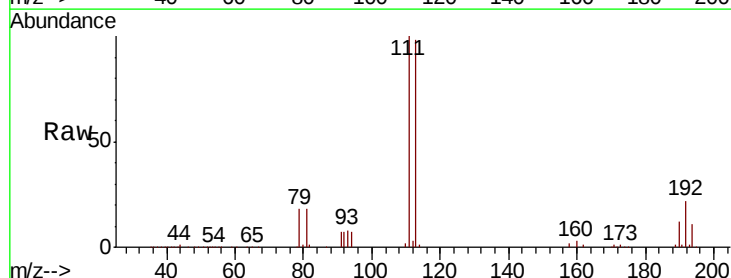
Tgt Ion:113 Resp: 108328

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

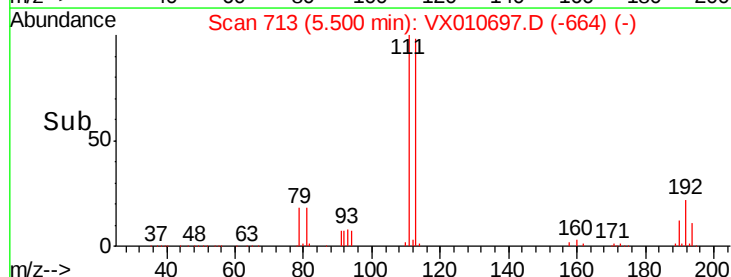
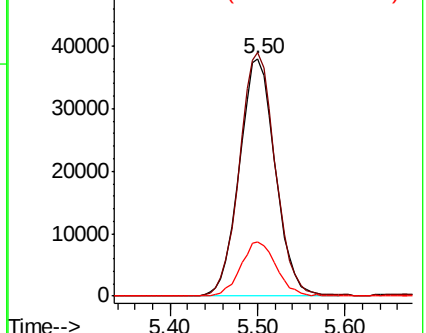
192 22.7 18.6 27.8

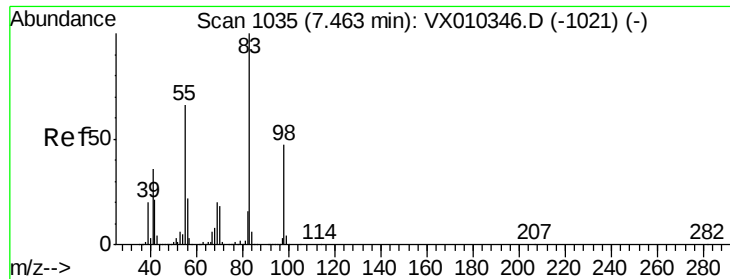


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

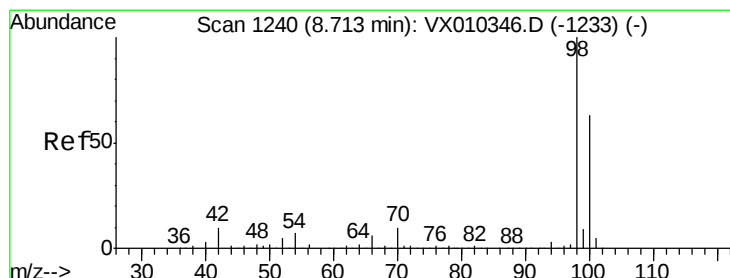
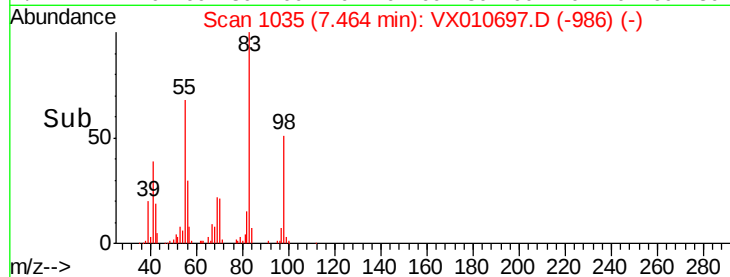
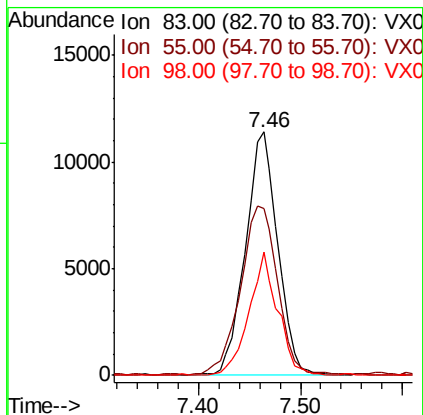
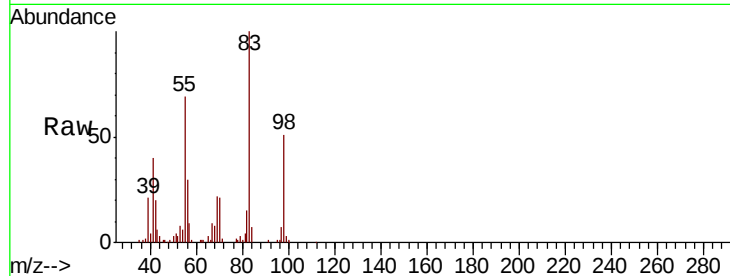




#39
Methylcyclohexane
Concen: 6.783 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

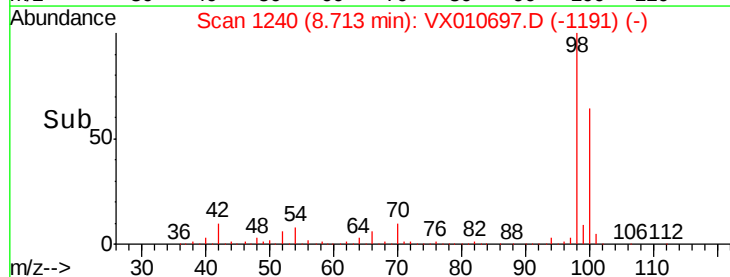
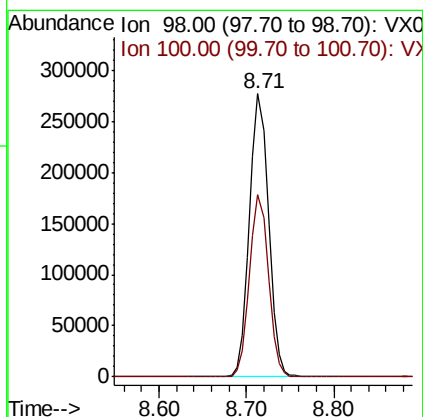
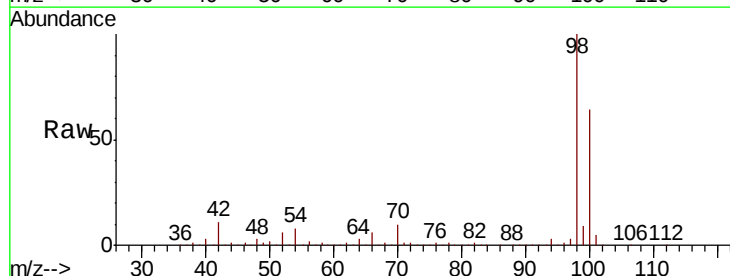
Instrument :
MSVOA_X
ClientSampled :
FL-0585

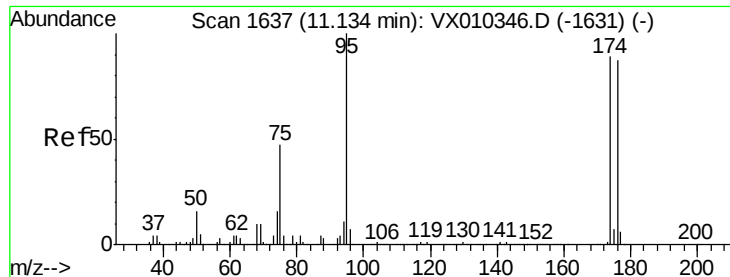
Tgt Ion: 83 Resp: 25224
Ion Ratio Lower Upper
83 100
55 68.7 53.0 79.6
98 50.7 37.8 56.8



#50
Toluene-d8
Concen: 50.550 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Tgt Ion: 98 Resp: 421259
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 48.099 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

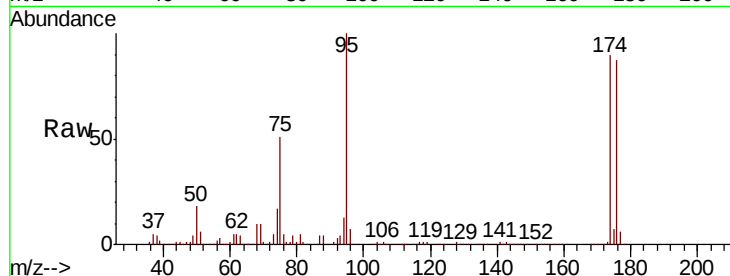
Tgt Ion: 95 Resp: 144712

Ion Ratio Lower Upper

95 100

174 92.1 0.0 187.6

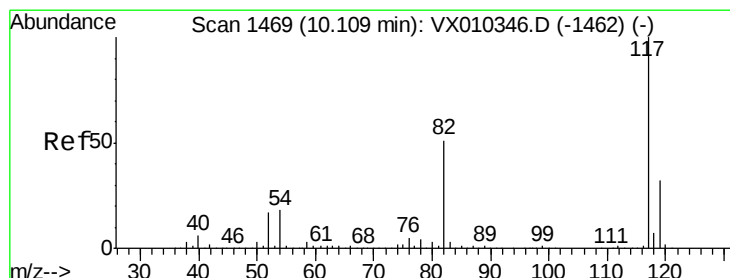
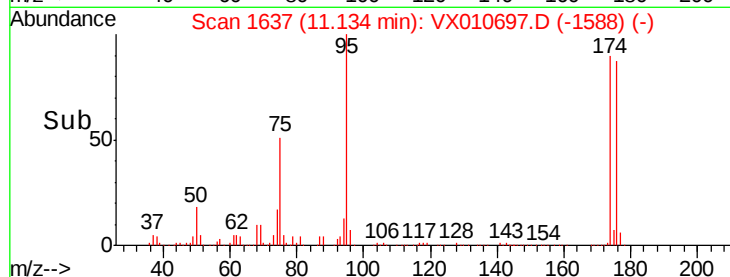
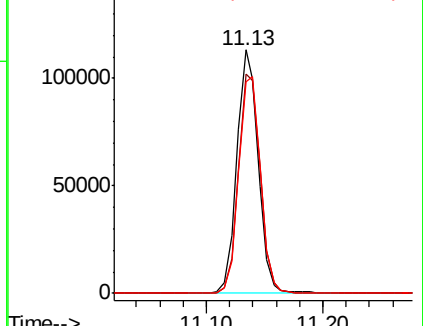
176 91.0 0.0 184.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

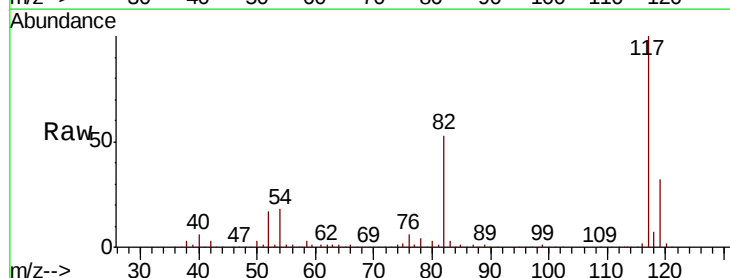
Tgt Ion: 117 Resp: 324867

Ion Ratio Lower Upper

117 100

82 52.8 41.2 61.8

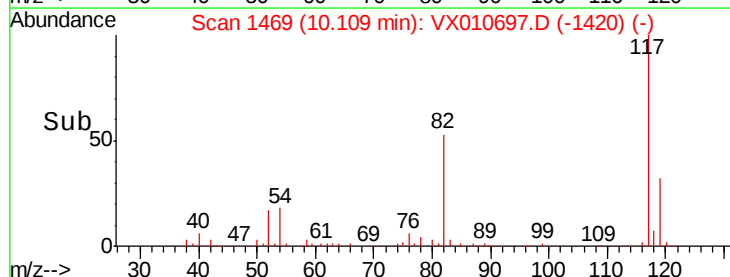
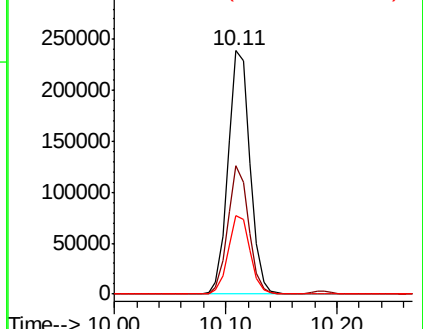
119 32.1 25.5 38.3

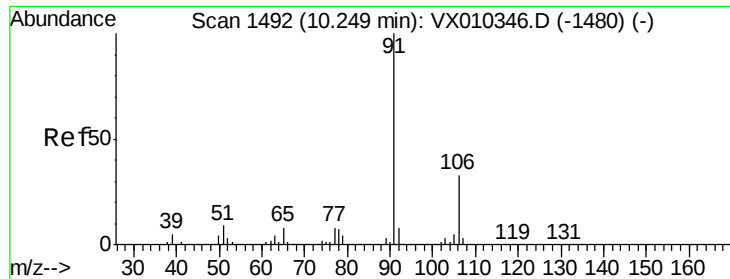


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

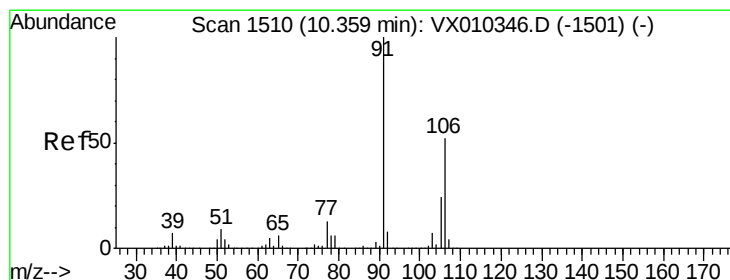
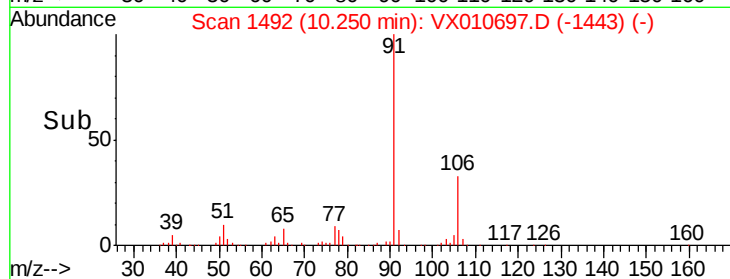
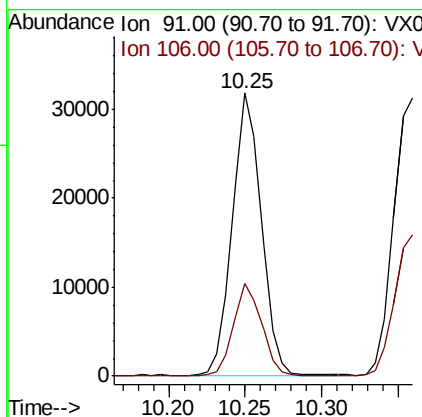
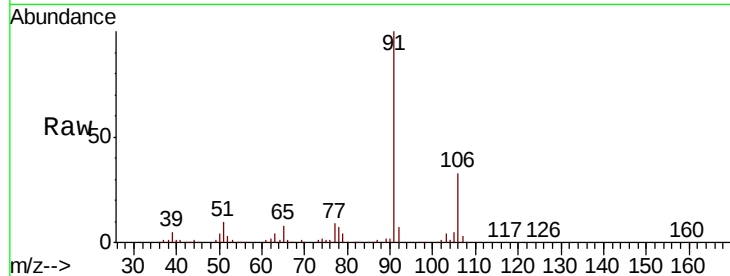




#67
Ethyl Benzene
Concen: 3.796 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

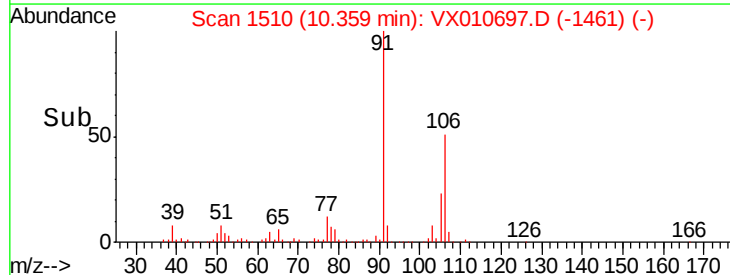
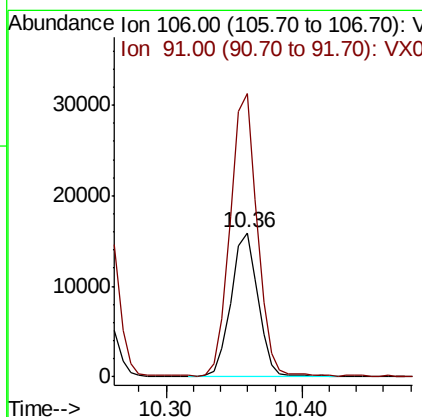
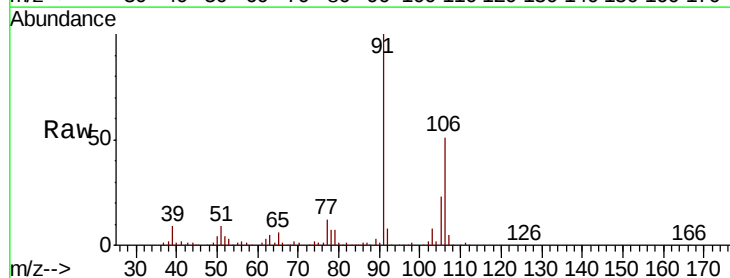
Instrument :
MSVOA_X
ClientSampleId :
FL-0585

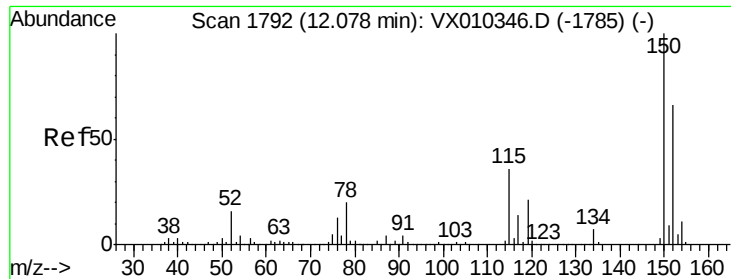
Tgt Ion: 91 Resp: 42266
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 5.136 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Tgt Ion: 106 Resp: 22157
Ion Ratio Lower Upper
106 100
91 196.4 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

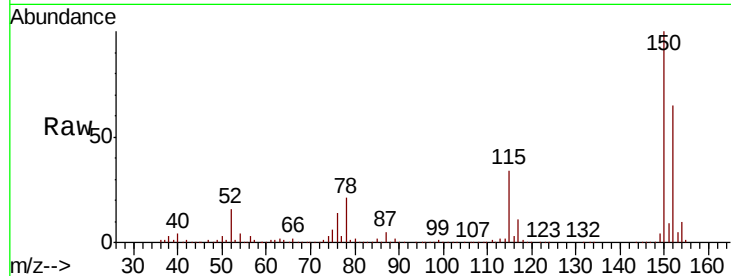
Tgt Ion:152 Resp: 154159

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

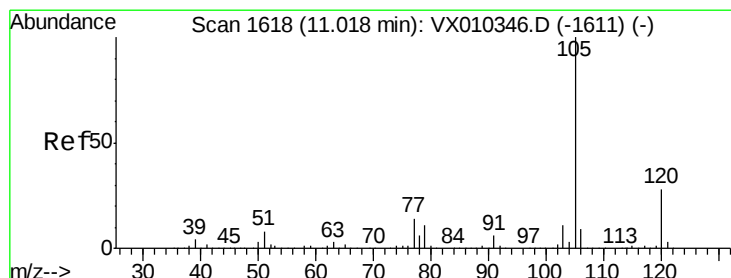
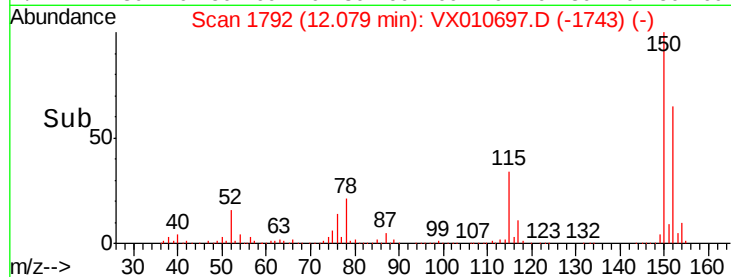
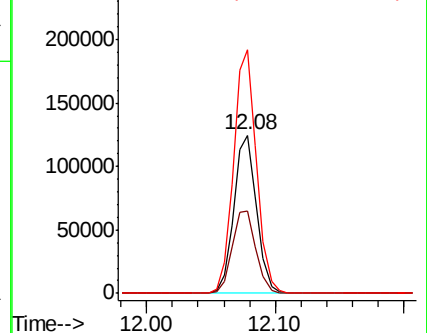
150 154.8 0.0 347.4



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



#73

Isopropylbenzene

Concen: 2.477 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010697.D

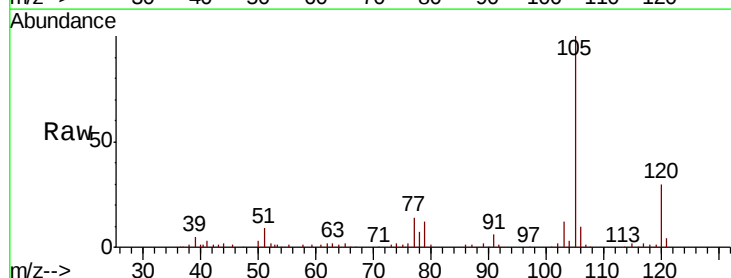
Acq: 08 Jul 2019 15:49

Tgt Ion:105 Resp: 25884

Ion Ratio Lower Upper

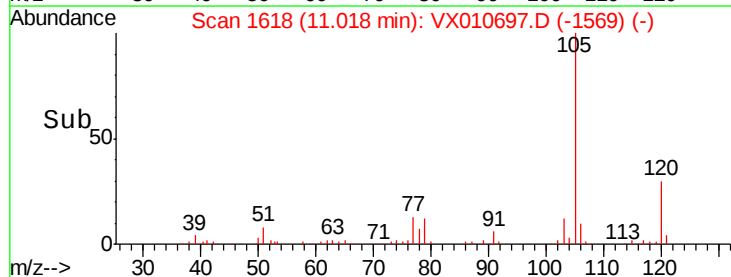
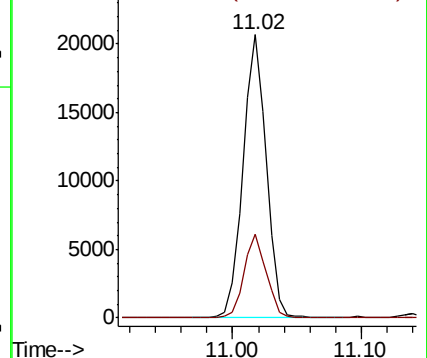
105 100

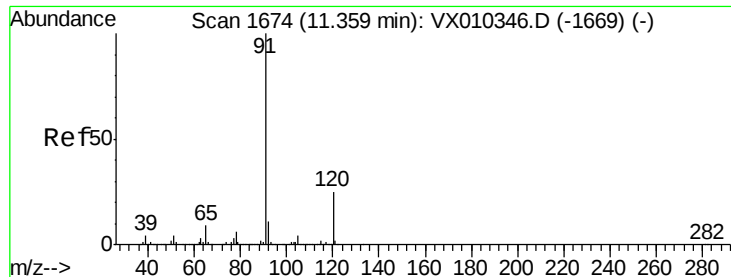
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.839 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

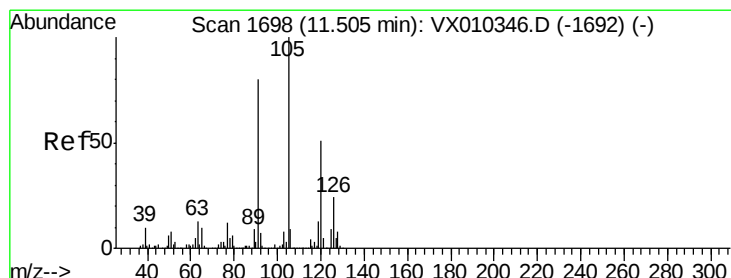
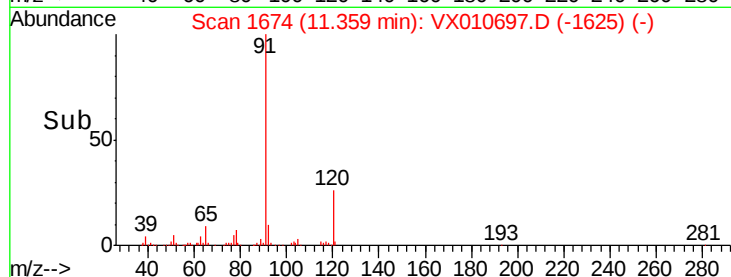
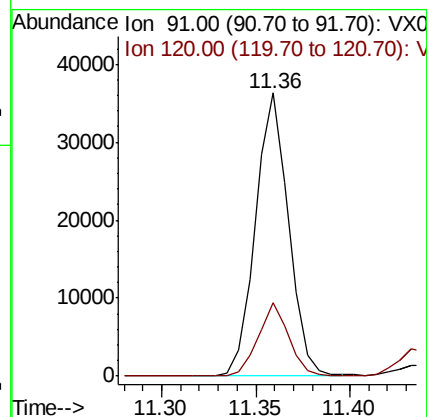
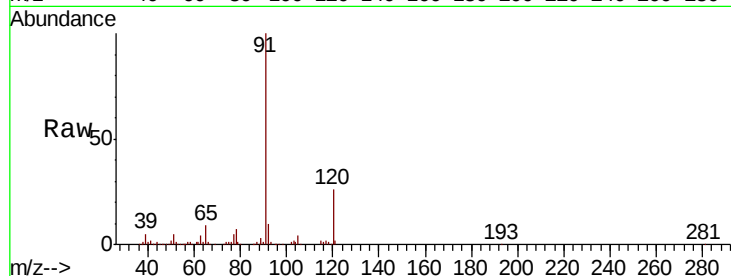
FL-0585

Tgt Ion: 91 Resp: 44092

Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.4



#80

1,3,5-Trimethylbenzene

Concen: 2.667 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010697.D

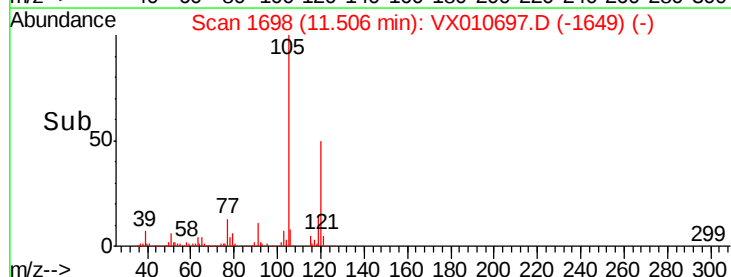
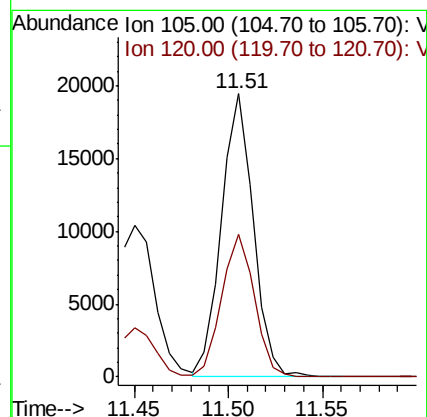
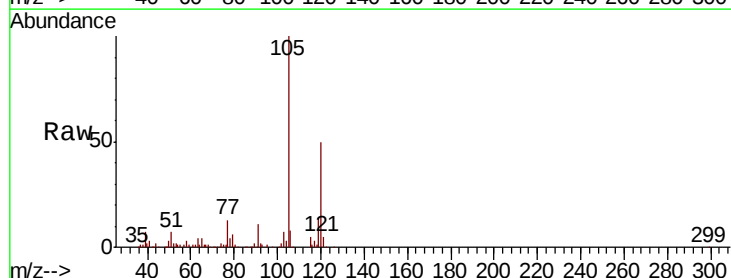
Acq: 08 Jul 2019 15:49

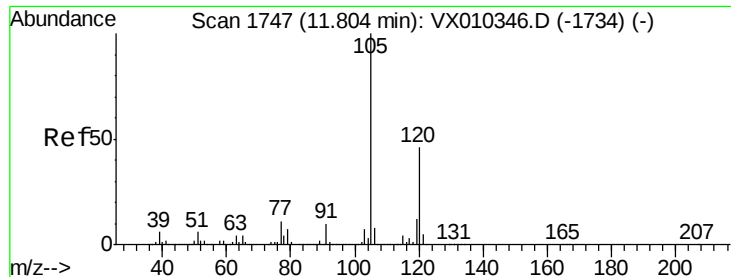
Tgt Ion: 105 Resp: 22975

Ion Ratio Lower Upper

105 100

120 51.8 25.2 75.6





#84

1,2,4-Trimethylbenzene

Concen: 7.150 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

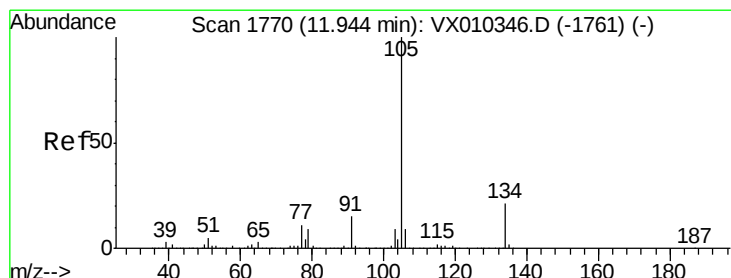
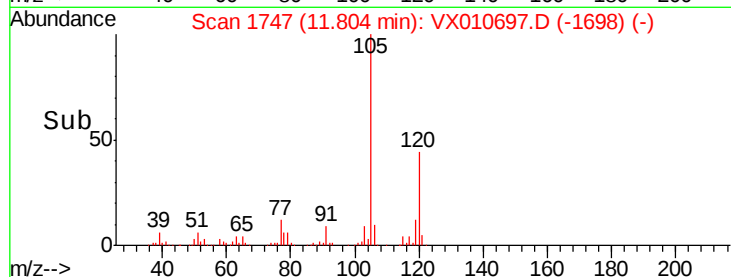
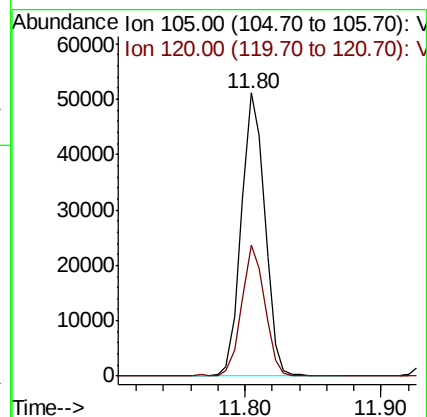
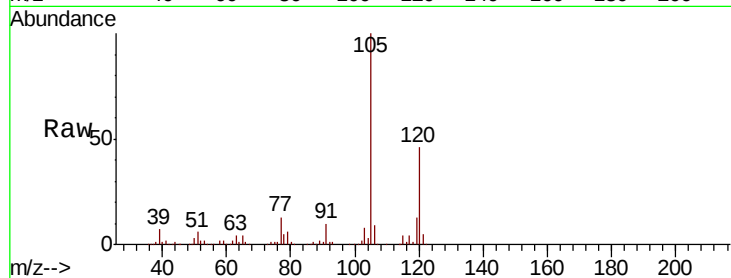
FL-0585

Tgt Ion:105 Resp: 61882

Ion Ratio Lower Upper

105 100

120 45.9 23.1 69.2



#85

sec-Butylbenzene

Concen: 2.302 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010697.D

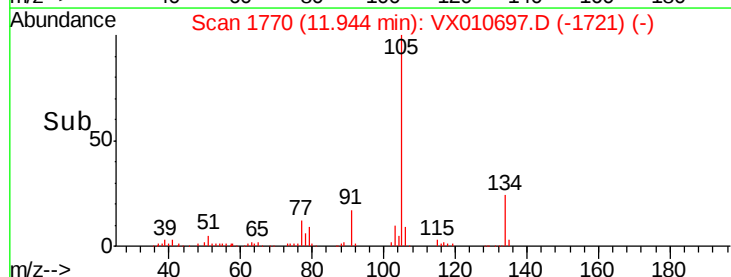
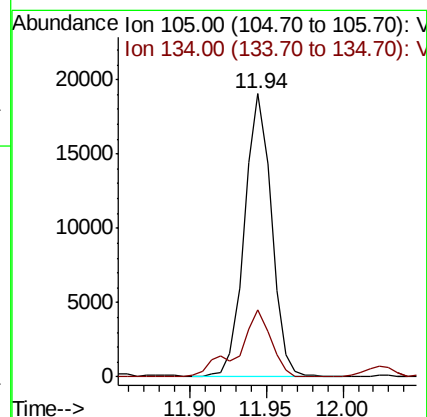
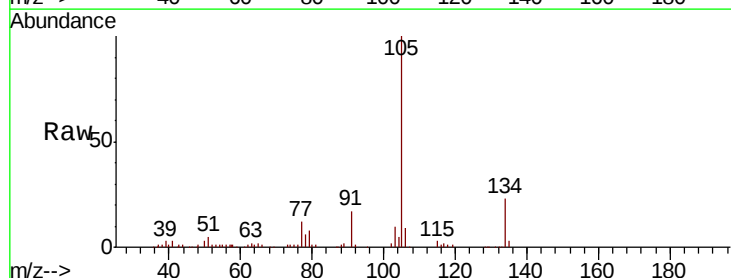
Acq: 08 Jul 2019 15:49

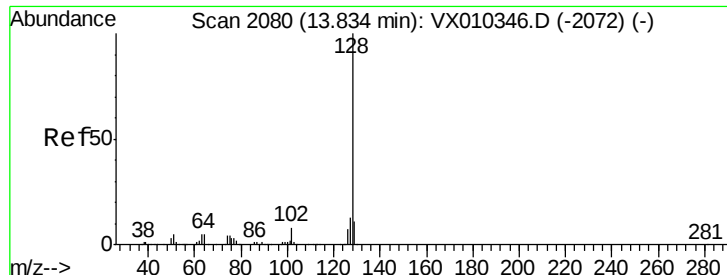
Tgt Ion:105 Resp: 23366

Ion Ratio Lower Upper

105 100

134 28.8 10.7 31.9





#95
Naphthalene
Concen: 0.528 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
FL-0585

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.0	10.2	15.4#
129	22.5	8.9	13.3#

