

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010698.D
 Acq On : 08 Jul 2019 16:12
 Operator : JC/SP
 Sample : K3664-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0586

Quant Time: Jul 09 02:01:53 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	5.67	168	225546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152786	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	112269	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	5.50	113	106889	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	416010	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	140958	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	

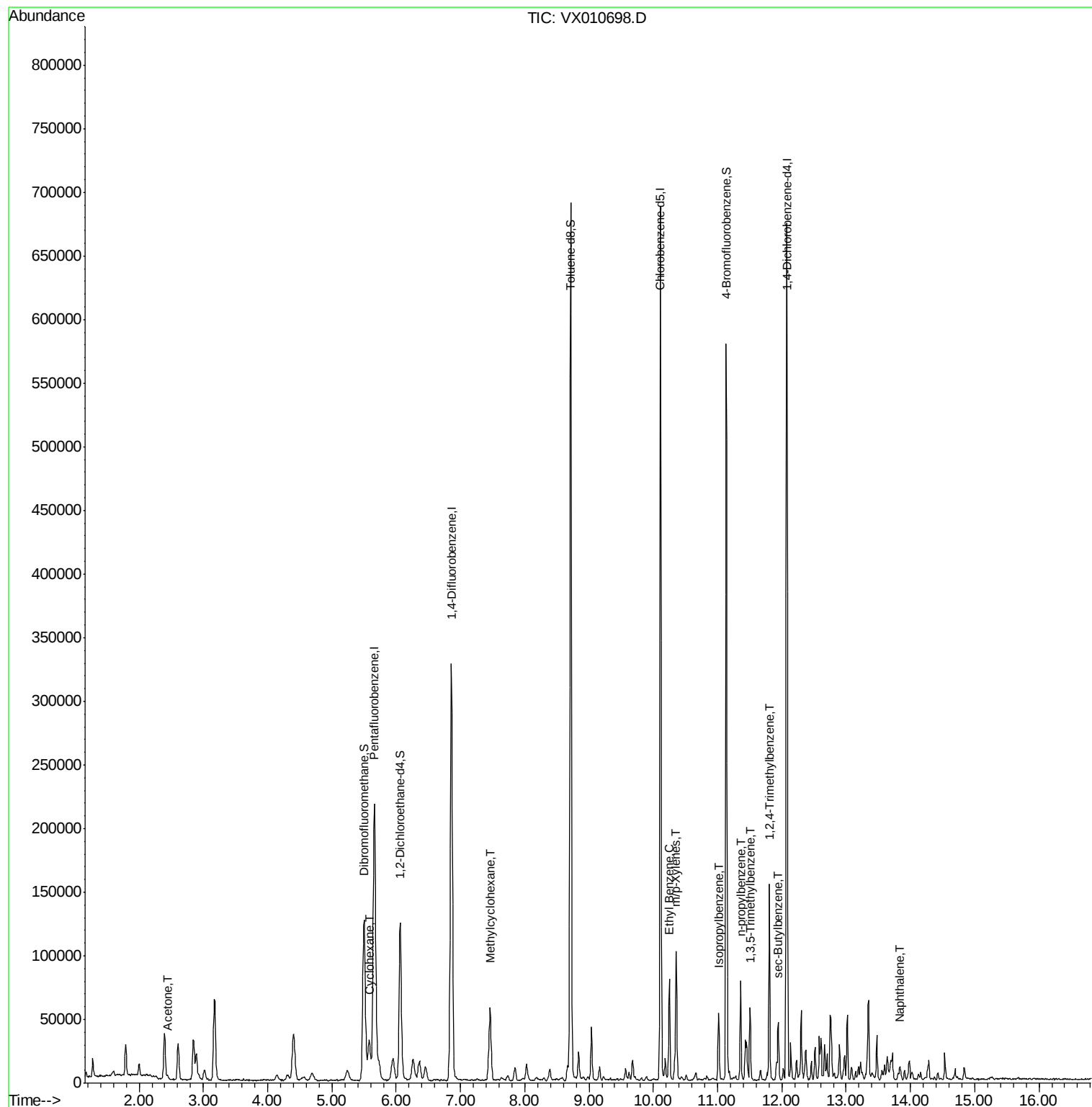
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	2659	2.509	ug/l #	78
31) Cyclohexane	5.58	56	20867	6.831	ug/l	93
39) Methylcyclohexane	7.46	83	25689	7.033	ug/l	93
67) Ethyl Benzene	10.25	91	44781	4.112	ug/l	97
68) m/p-Xylenes	10.36	106	23821	5.645	ug/l	99
73) Isopropylbenzene	11.02	105	27739	2.678	ug/l	96
78) n-propylbenzene	11.36	91	46603	4.094	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	24554	2.876	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	66377	7.738	ug/l	98
85) sec-Butylbenzene	11.94	105	24279	2.413	ug/l	85
95) Naphthalene	13.83	128	5769	0.540	ug/l #	85

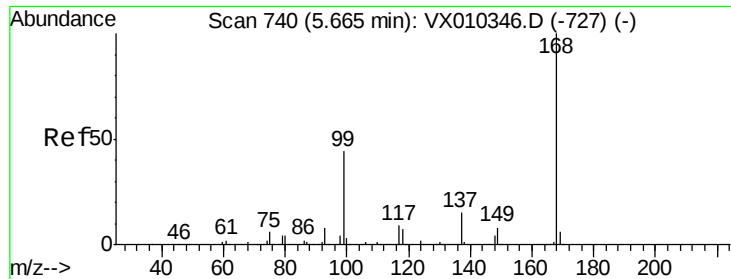
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010698.D
Acq On : 08 Jul 2019 16:12
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0586

Quant Time: Jul 09 02:01:53 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampled :

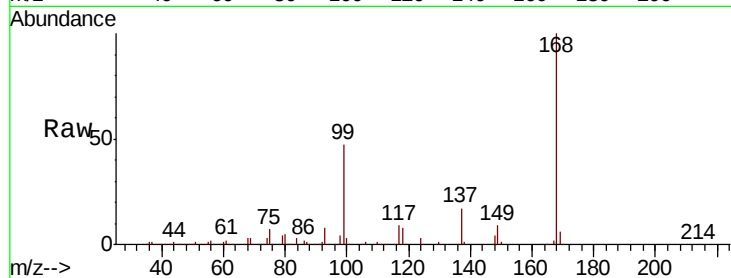
FL-0586

Tgt Ion:168 Resp: 225546

Ion Ratio Lower Upper

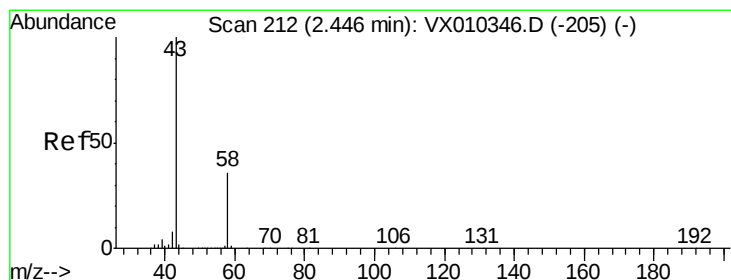
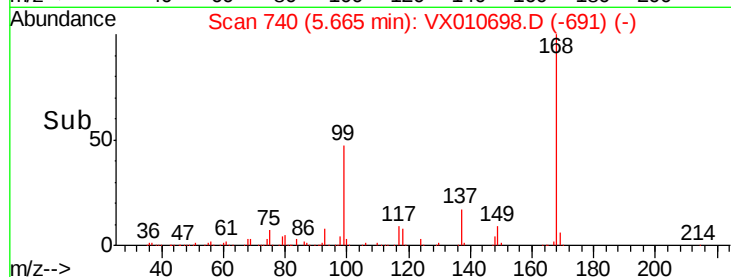
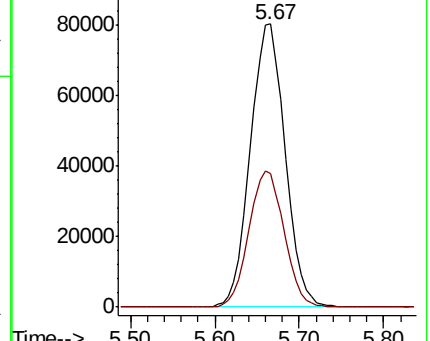
168 100

99 47.3 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: 2.509 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010698.D

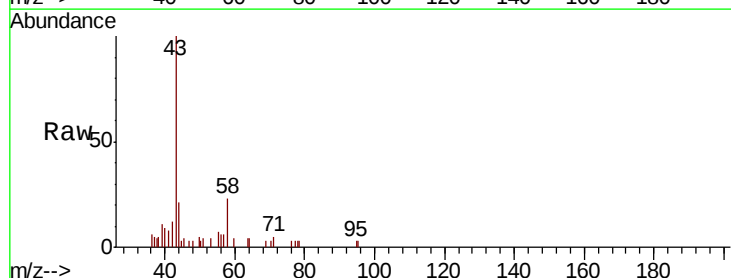
Acq: 08 Jul 2019 16:12

Tgt Ion: 43 Resp: 2659

Ion Ratio Lower Upper

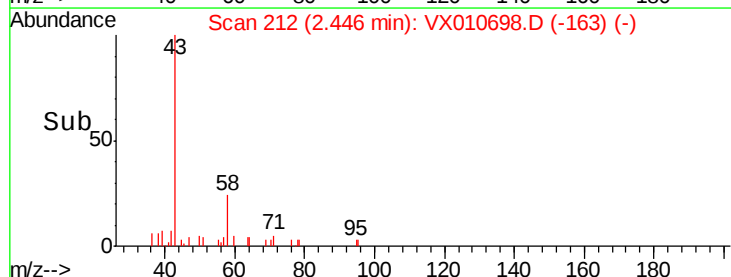
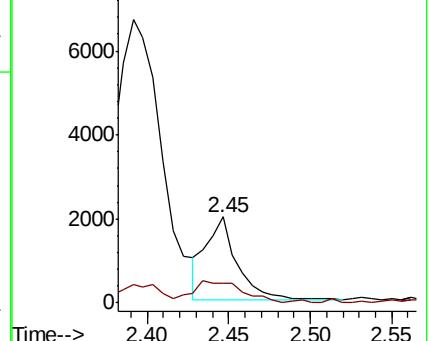
43 100

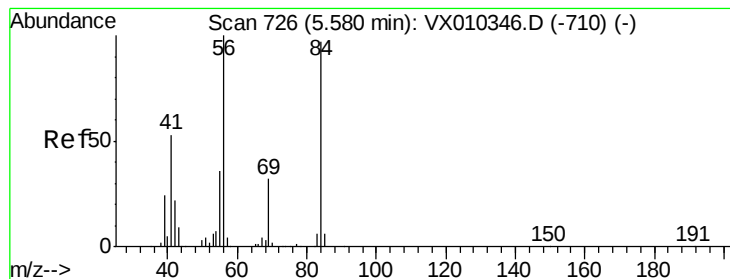
58 23.3 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 6.831 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

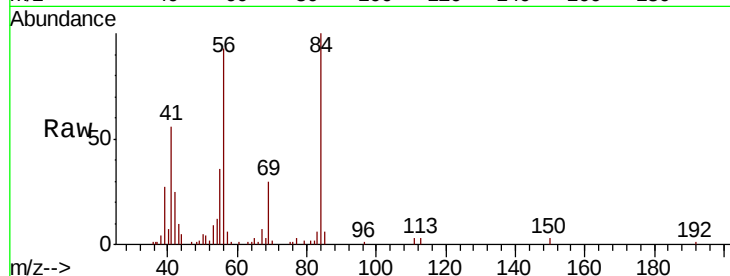
Tgt Ion: 56 Resp: 20867

Ion Ratio Lower Upper

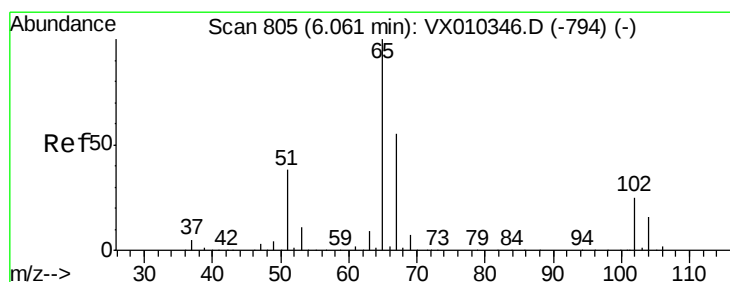
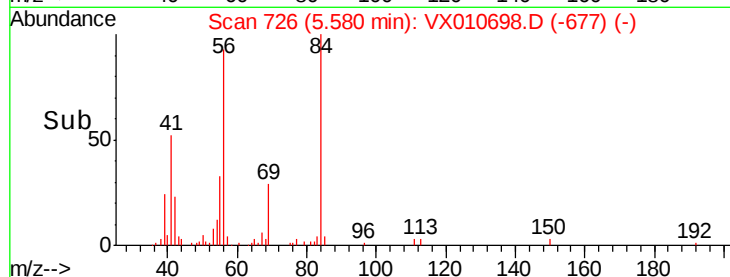
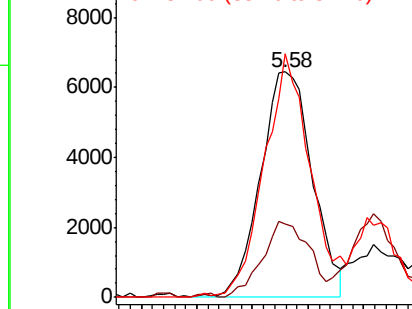
56 100

69 32.6 25.9 38.9

84 107.0 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: 53.089 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010698.D

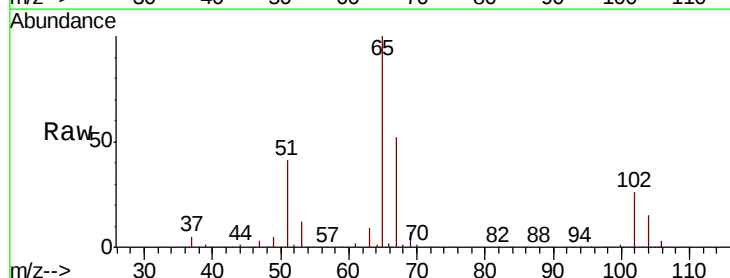
Acq: 08 Jul 2019 16:12

Tgt Ion: 65 Resp: 112269

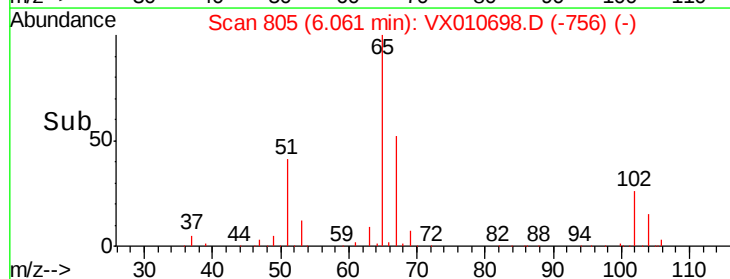
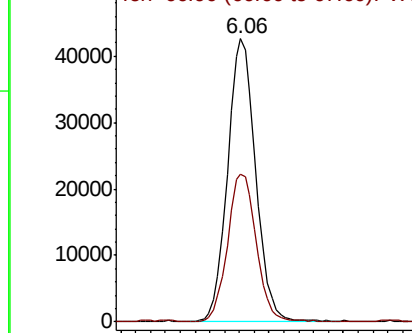
Ion Ratio Lower Upper

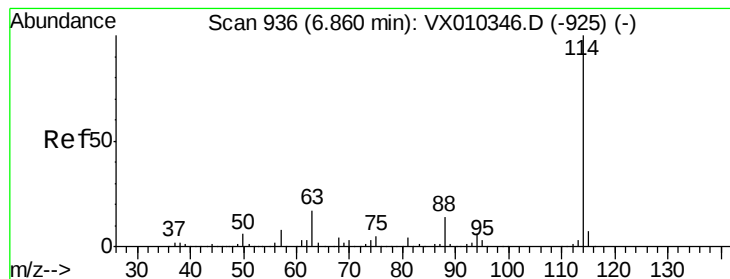
65 100

67 53.7 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: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

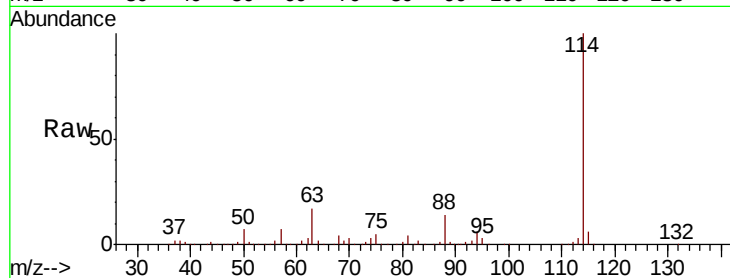
Tgt Ion:114 Resp: 349705

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

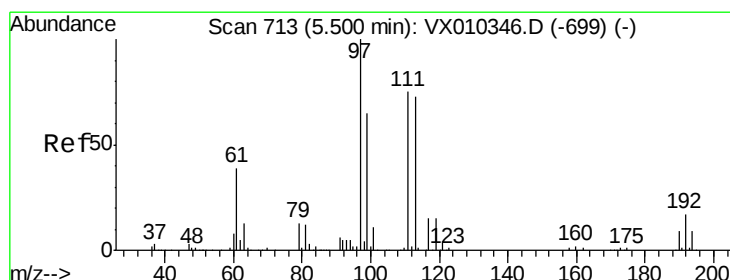
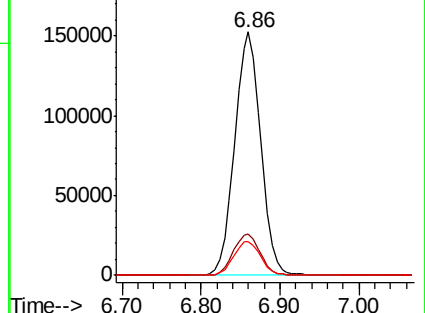
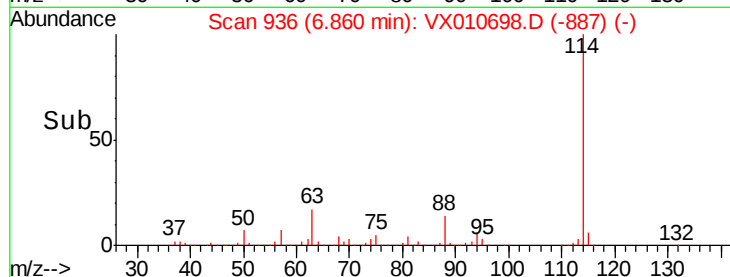
88 14.1 0.0 27.6



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: 49.957 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

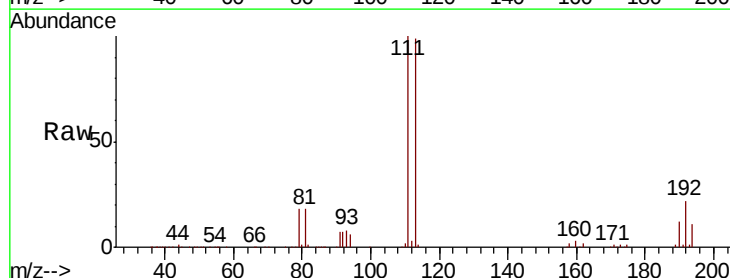
Tgt Ion:113 Resp: 106889

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

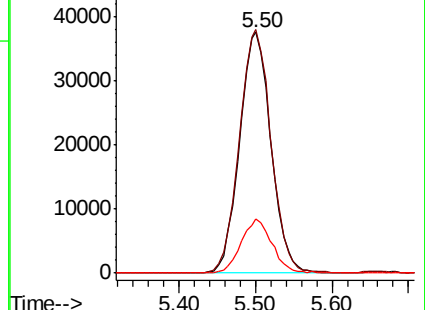
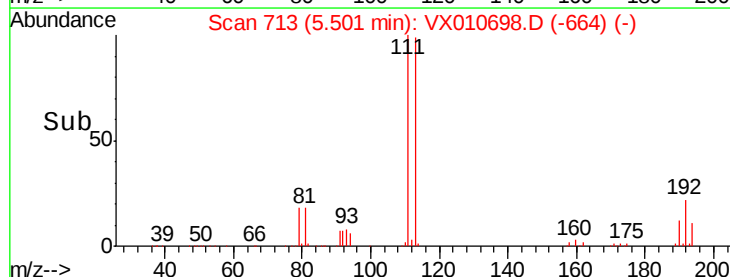
192 22.0 18.6 27.8

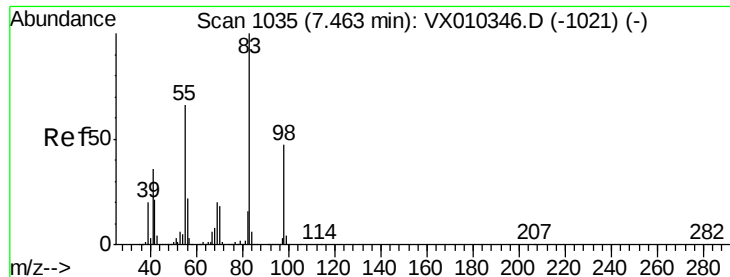


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 7.033 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

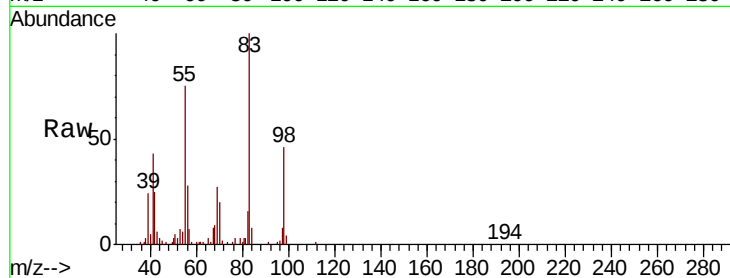
Tgt Ion: 83 Resp: 25689

Ion Ratio Lower Upper

83 100

55 74.4 53.0 79.6

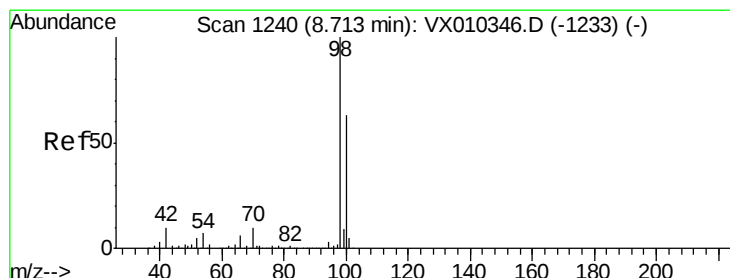
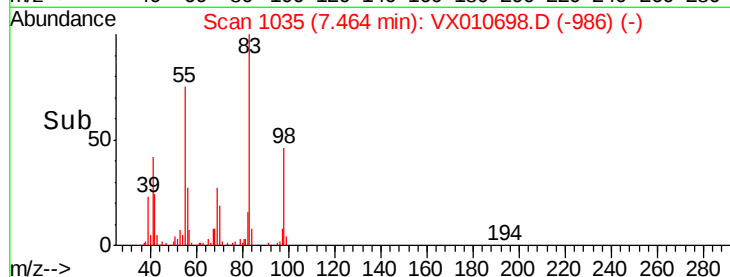
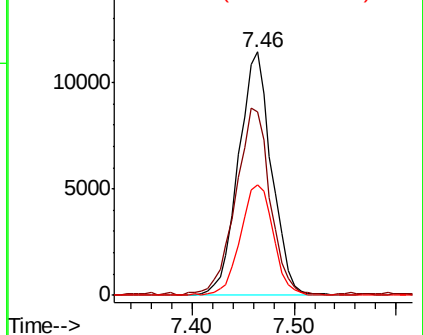
98 45.6 37.8 56.8



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: 50.821 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010698.D

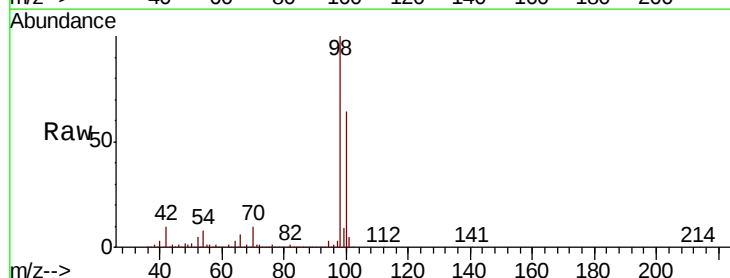
Acq: 08 Jul 2019 16:12

Tgt Ion: 98 Resp: 416010

Ion Ratio Lower Upper

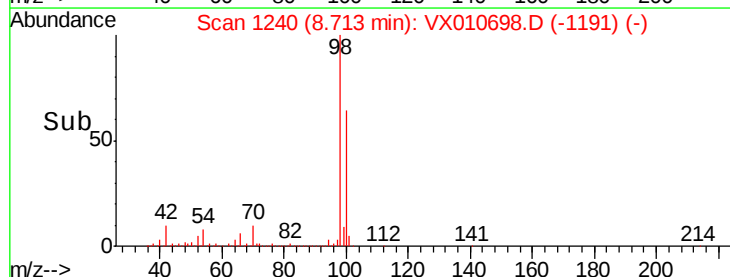
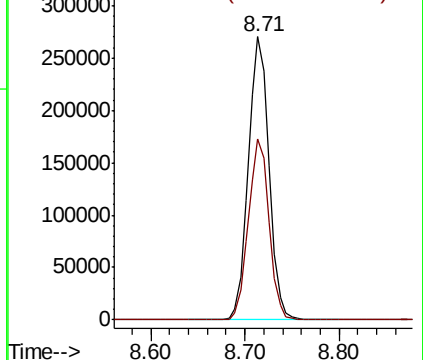
98 100

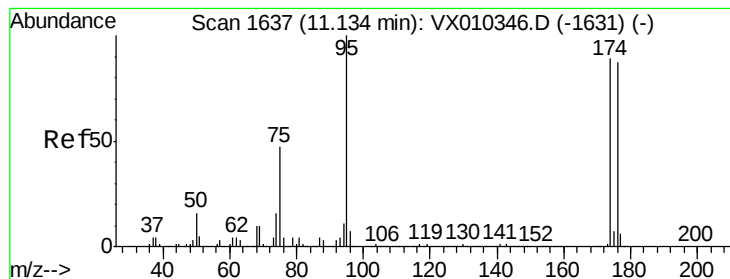
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.697 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

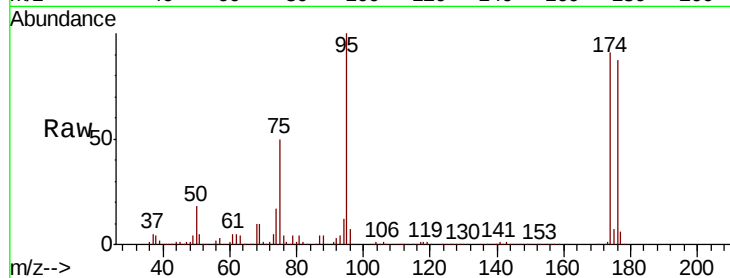
Tgt Ion: 95 Resp: 140958

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.6

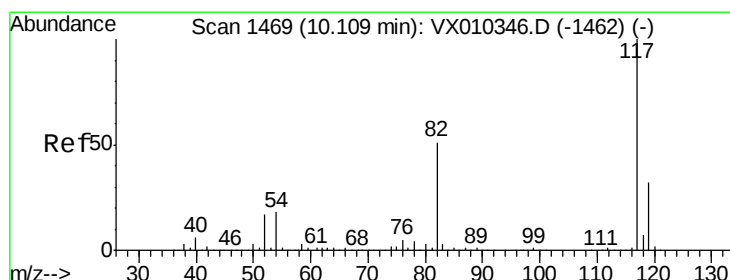
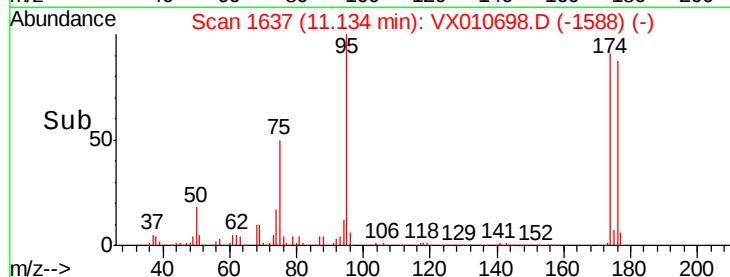
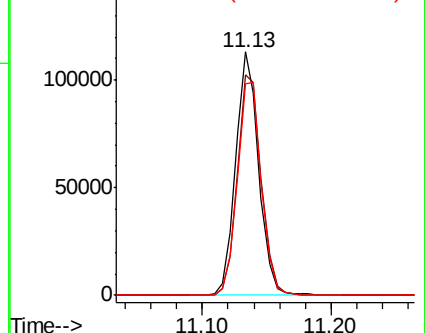
176 91.2 0.0 184.0



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: VX010698.D

Acq: 08 Jul 2019 16:12

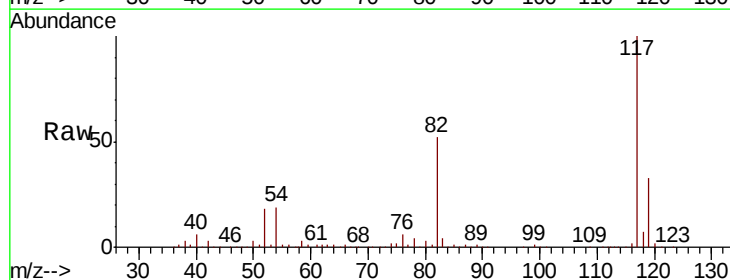
Tgt Ion: 117 Resp: 317772

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

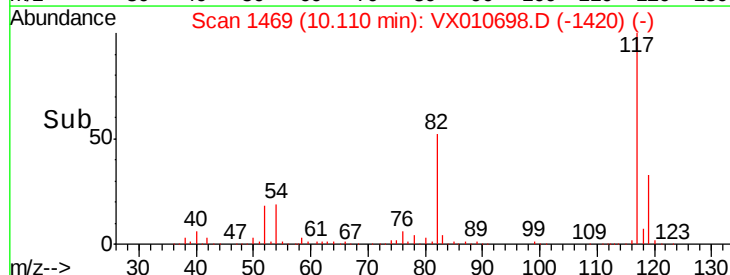
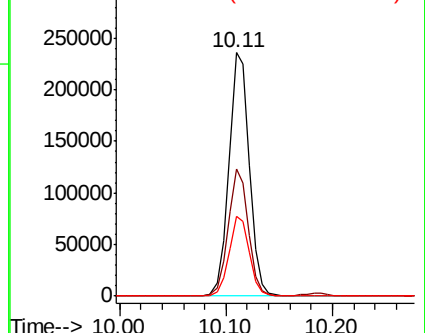
119 32.9 25.5 38.3

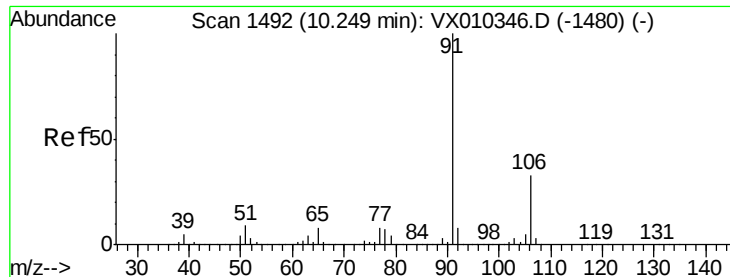


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

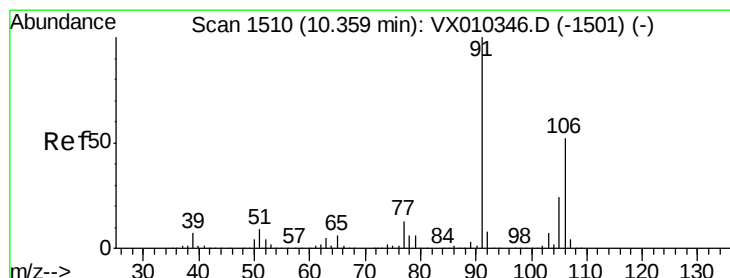
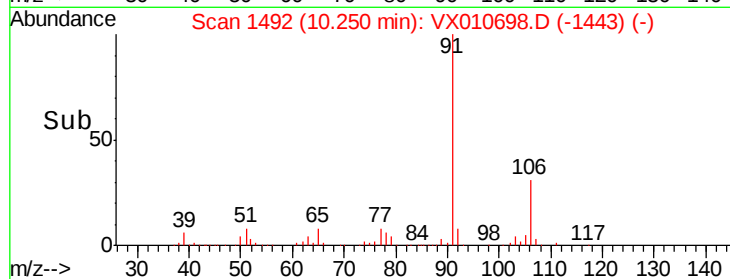
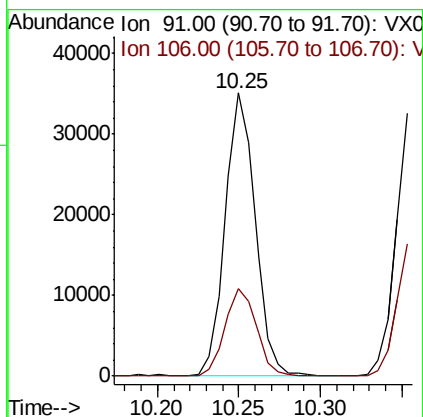
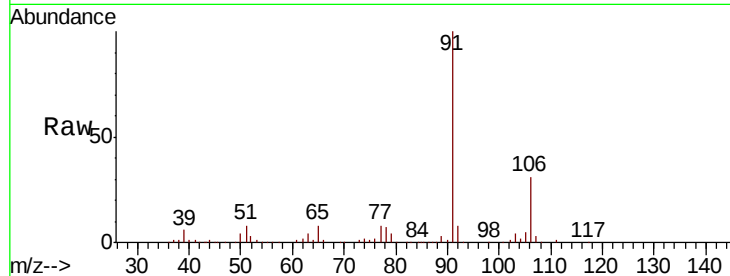




#67
Ethyl Benzene
Concen: 4.112 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

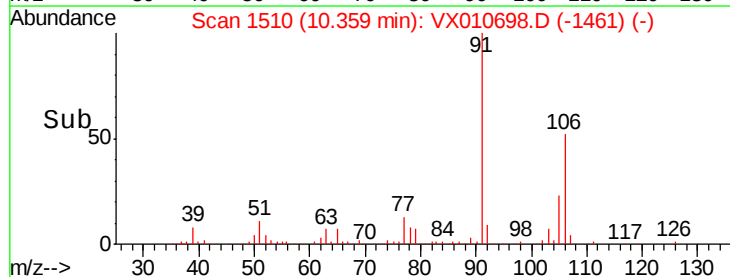
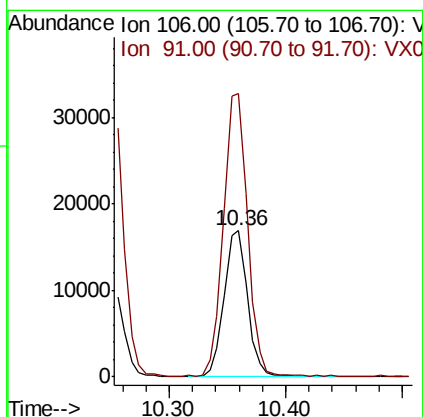
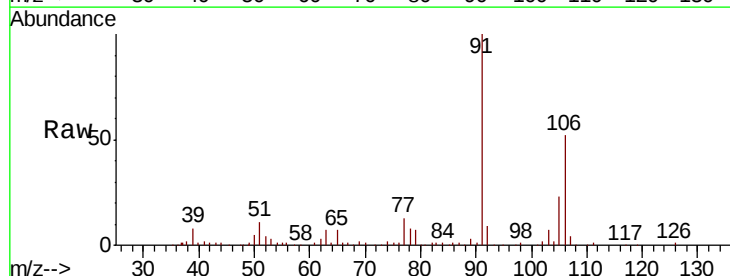
Instrument :
MSVOA_X
ClientSampleId :
FL-0586

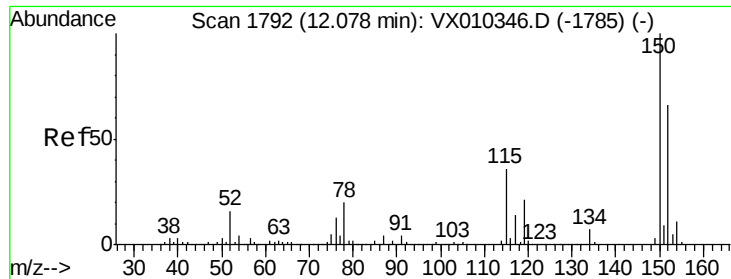
Tgt Ion: 91 Resp: 44781
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.2



#68
m/p-Xylenes
Concen: 5.645 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Tgt Ion: 106 Resp: 23821
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

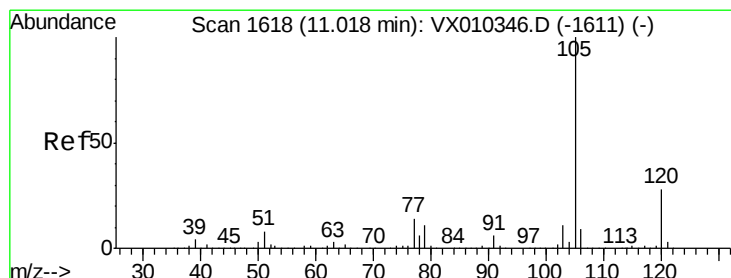
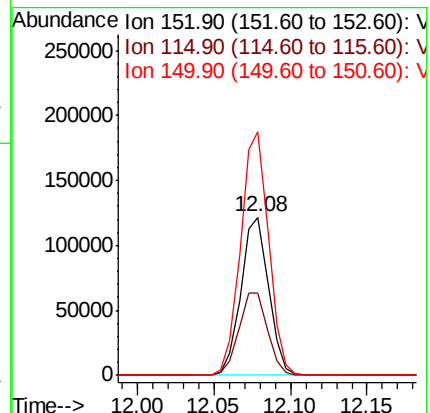
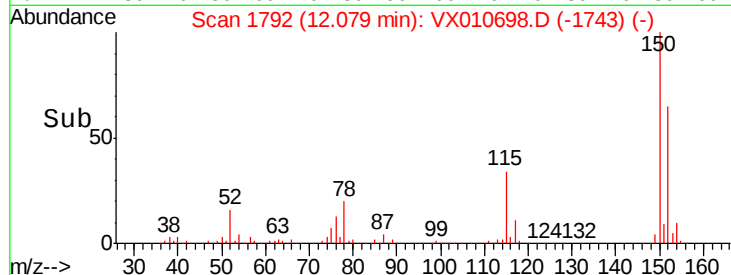
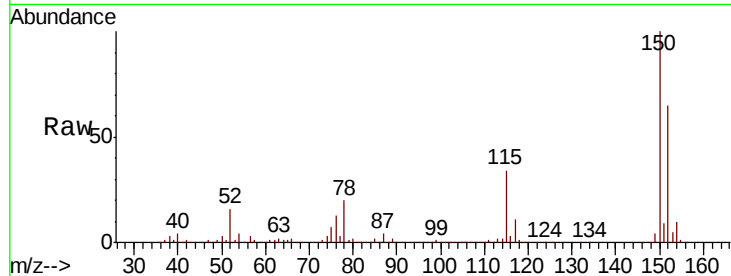
Tgt Ion:152 Resp: 152786

Ion Ratio Lower Upper

152 100

115 54.1 38.6 115.7

150 155.2 0.0 347.4



#73

Isopropylbenzene

Concen: 2.678 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010698.D

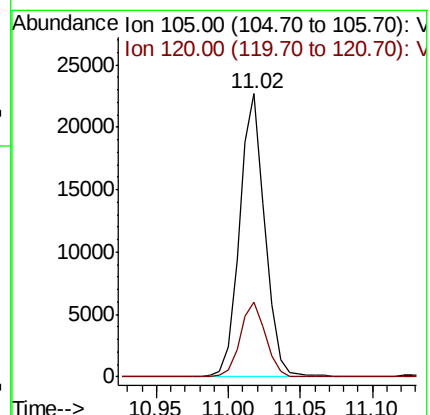
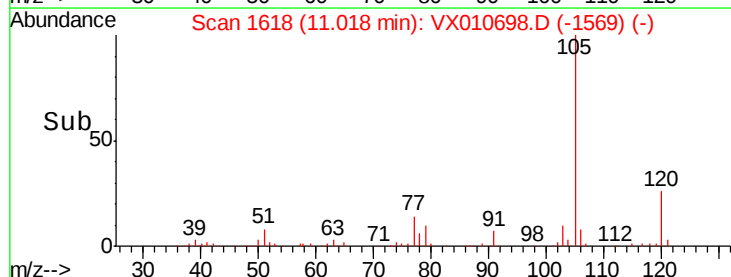
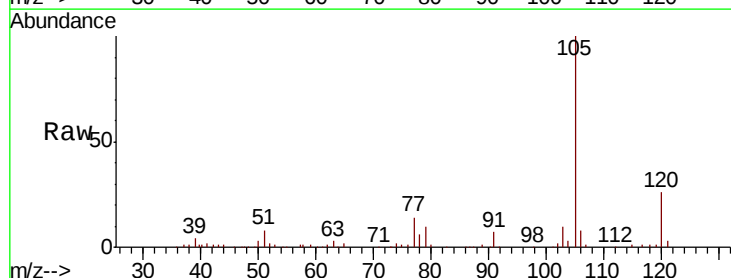
Acq: 08 Jul 2019 16:12

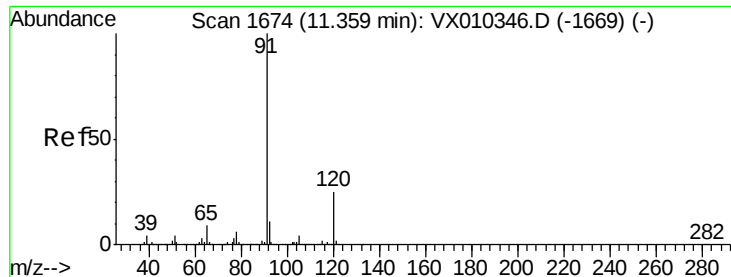
Tgt Ion:105 Resp: 27739

Ion Ratio Lower Upper

105 100

120 26.4 14.1 42.4





#78

n-propylbenzene

Concen: 4.094 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

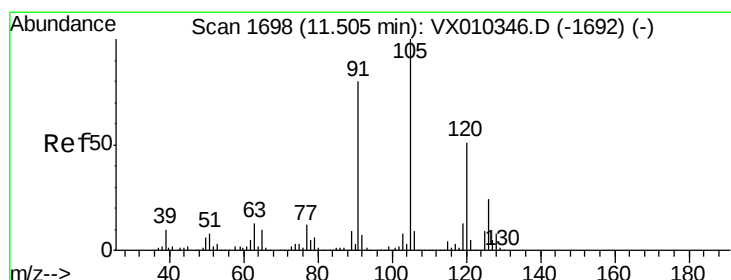
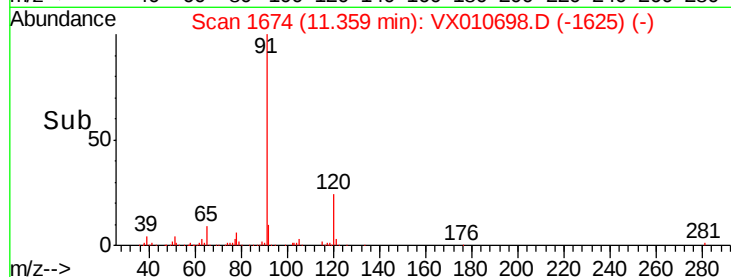
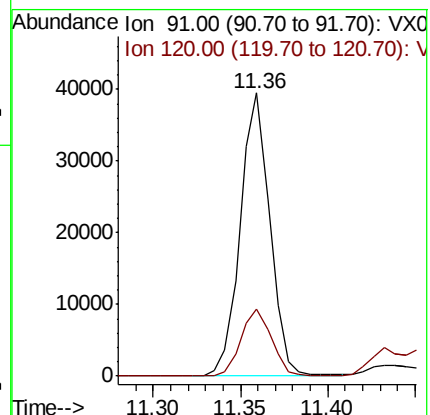
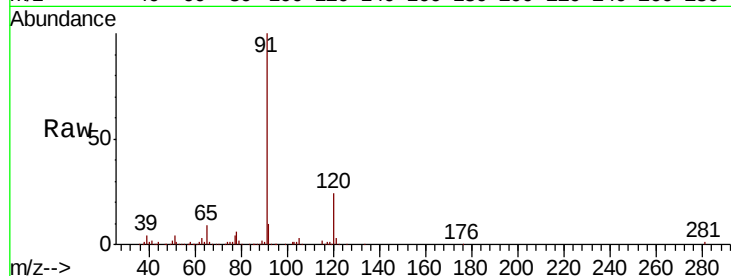
FL-0586

Tgt Ion: 91 Resp: 46603

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.4



#80

1,3,5-Trimethylbenzene

Concen: 2.876 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010698.D

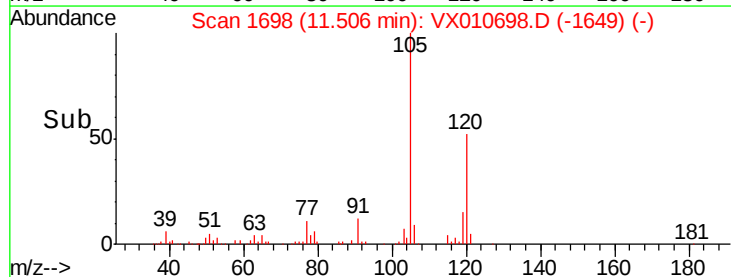
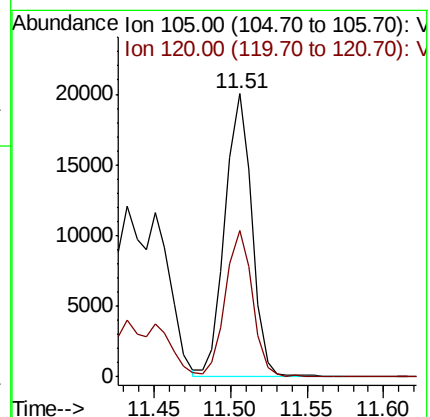
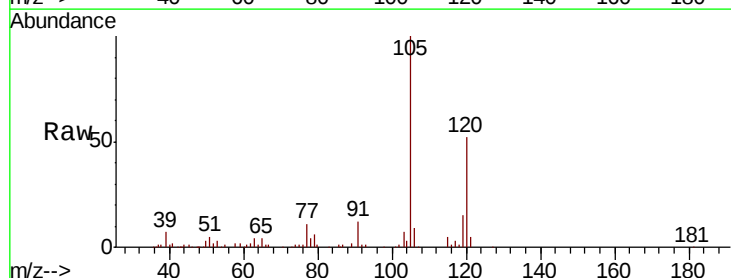
Acq: 08 Jul 2019 16:12

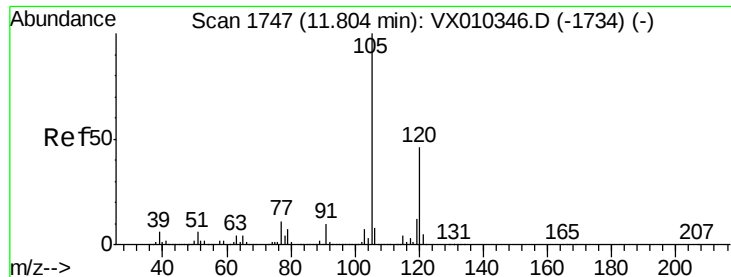
Tgt Ion: 105 Resp: 24554

Ion Ratio Lower Upper

105 100

120 51.7 25.2 75.6





#84

1,2,4-Trimethylbenzene

Concen: 7.738 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

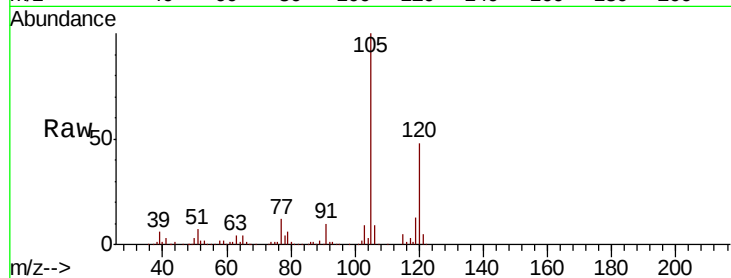
FL-0586

Tgt Ion:105 Resp: 66377

Ion Ratio Lower Upper

105 100

120 47.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

60000

50000

40000

30000

20000

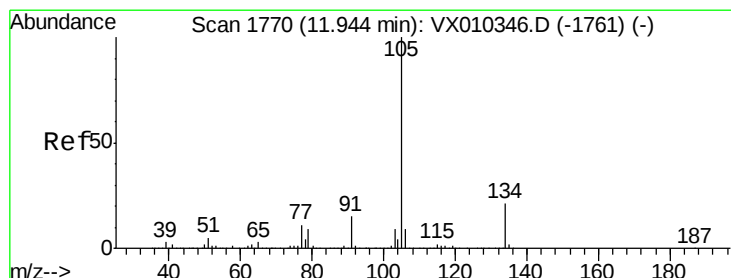
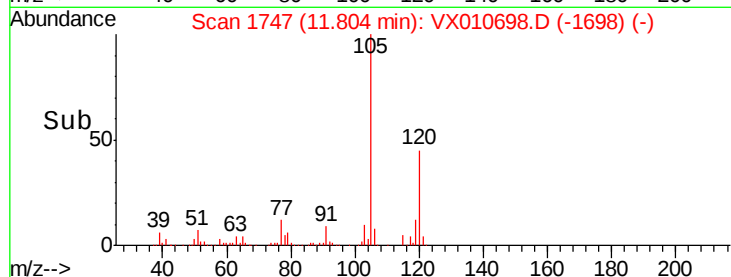
10000

0

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 2.413 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010698.D

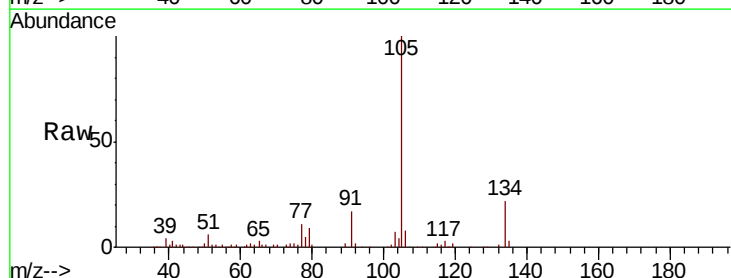
Acq: 08 Jul 2019 16:12

Tgt Ion:105 Resp: 24279

Ion Ratio Lower Upper

105 100

134 28.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

20000

15000

10000

5000

0

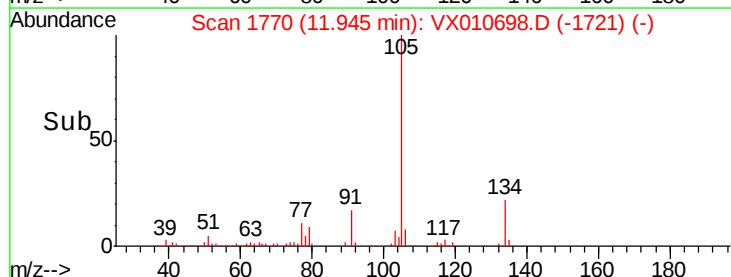
11.85

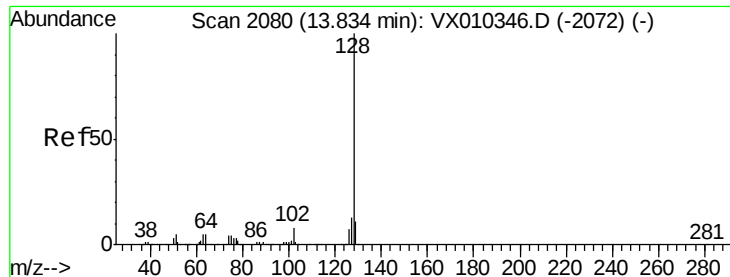
11.90

11.95

12.00

Time-->

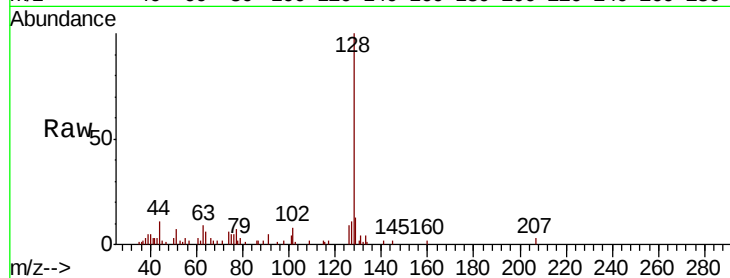




#95
Naphthalene
Concen: 0.540 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0586

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.4
129	20.9	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

