

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004222.D
 Acq On : 23 Aug 2018 13:14
 Operator : JC/MD
 Sample : J4579-05DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0548DL

Quant Time: Aug 24 06:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279072	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	198937	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	165107	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	8.71	98	658621	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.14	95	254639	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

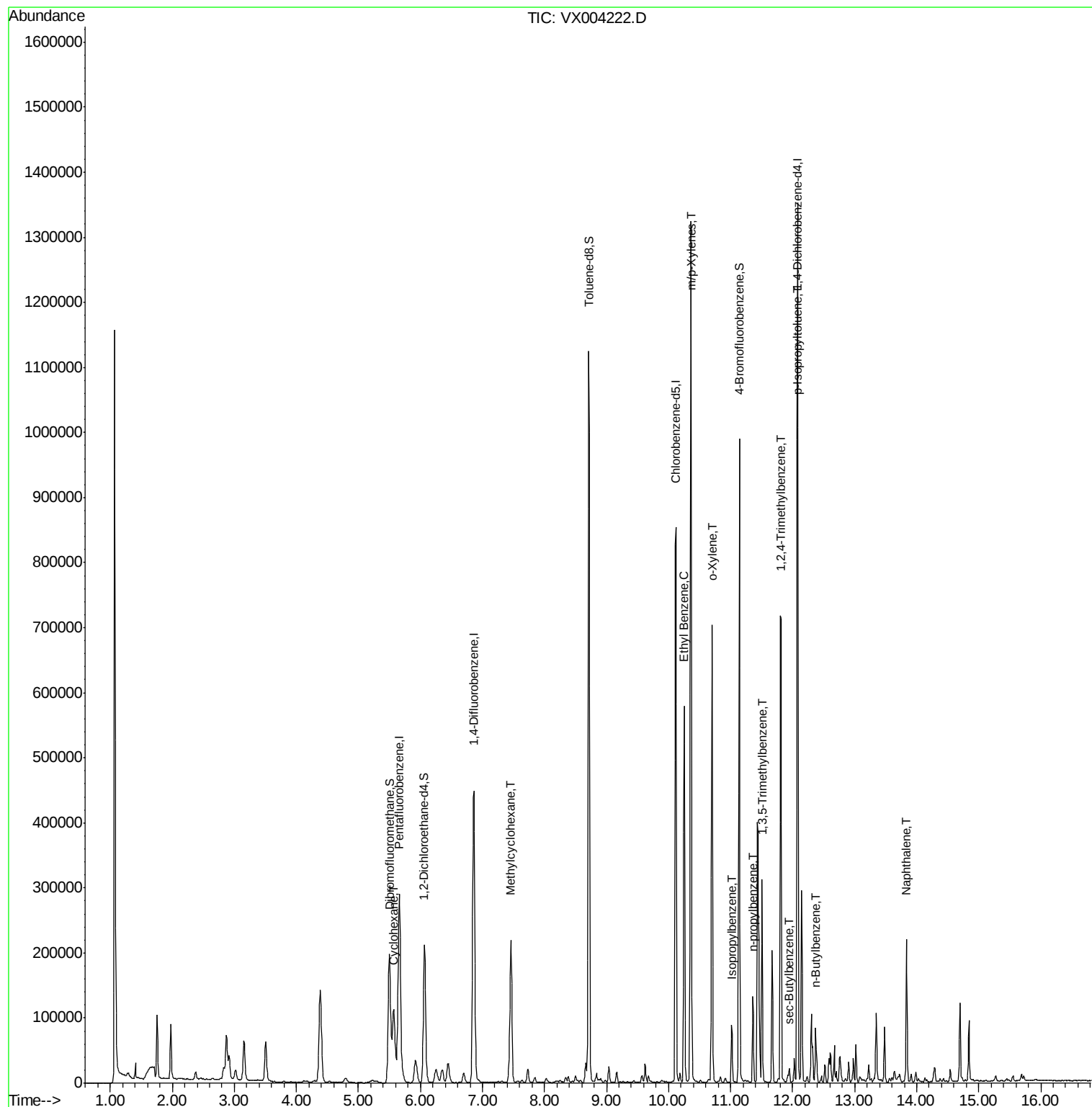
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	72928	13.26	ug/l	97
39) Methylcyclohexane	7.46	83	97093	16.08	ug/l	99
67) Ethyl Benzene	10.25	91	331619	19.71	ug/l	98
68) m/p-Xylenes	10.36	106	318201	48.36	ug/l	100
69) o-Xylene	10.70	106	156992	25.22	ug/l	96
73) Isopropylbenzene	11.02	105	46103	2.52	ug/l	98
78) n-propylbenzene	11.36	91	78097	3.70	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	130362	8.59	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	333191	21.38	ug/l	99
85) sec-Butylbenzene	11.94	105	10877	0.60	ug/l	98
86) p-Isopropyltoluene	12.07	119	9993	0.61	ug/l	89
89) n-Butylbenzene	12.38	91	12838	0.97	ug/l #	27
95) Naphthalene	13.83	128	134369	7.38	ug/l	99

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

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Instrument :
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Quant Time: Aug 24 06:24:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

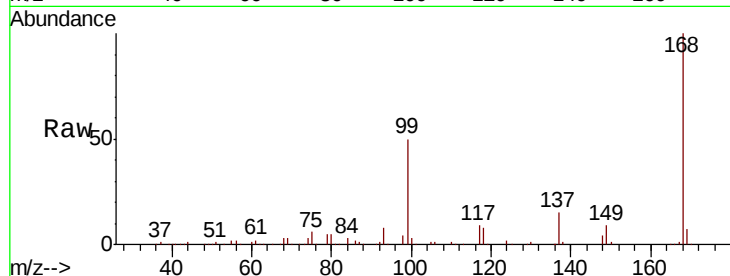
FL-0548DL

Tot Ion:168 Resp: 300976

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

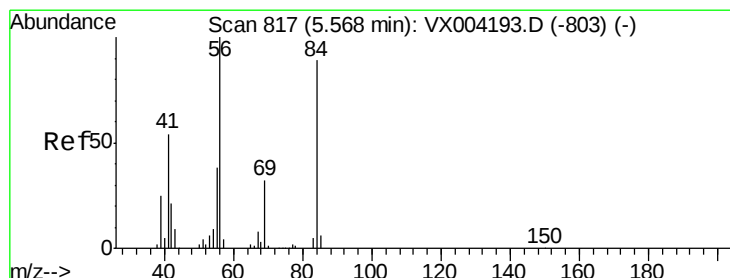
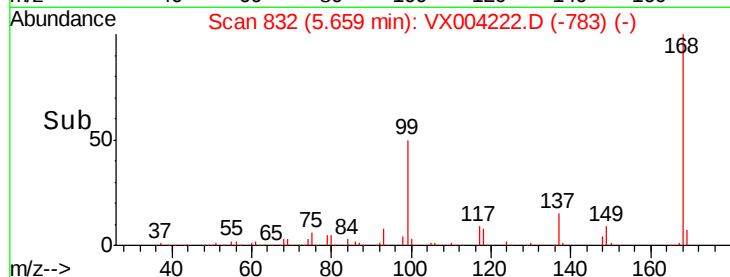
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 13.26 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

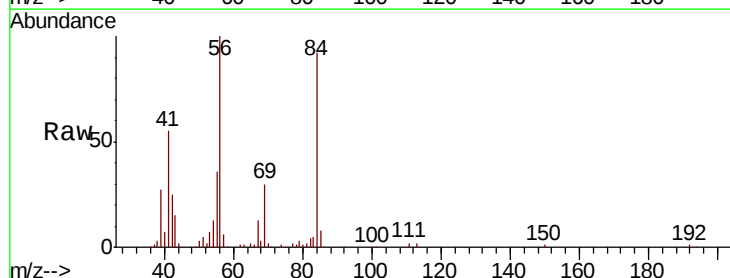
Tgt Ion: 56 Resp: 72928

Ion Ratio Lower Upper

56 100

69 29.7 25.4 38.2

84 91.6 71.4 107.2



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

5.57

30000

25000

20000

15000

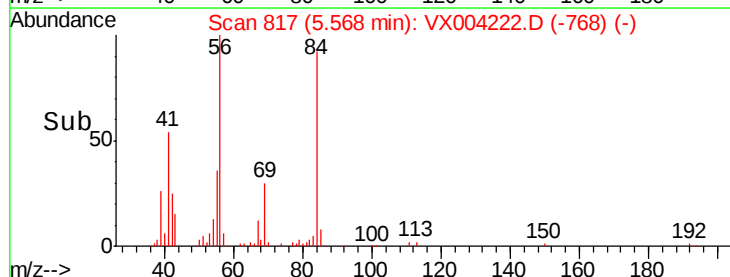
10000

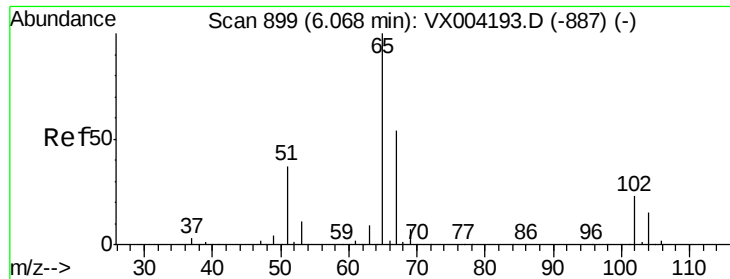
5000

0

Time-->

5.50 5.60





#33

1,2-Dichloroethane-d4

Concen: 50.71 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

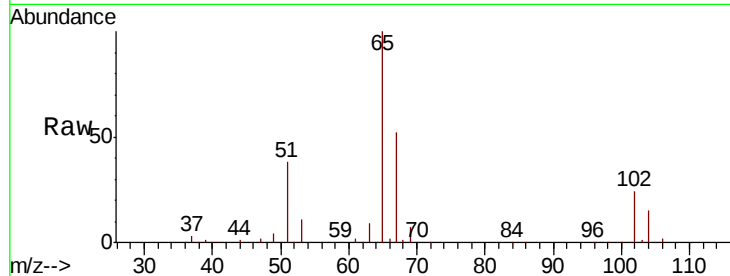
FL-0548DL

Tot Ion: 65 Resp: 198937

Ion Ratio Lower Upper

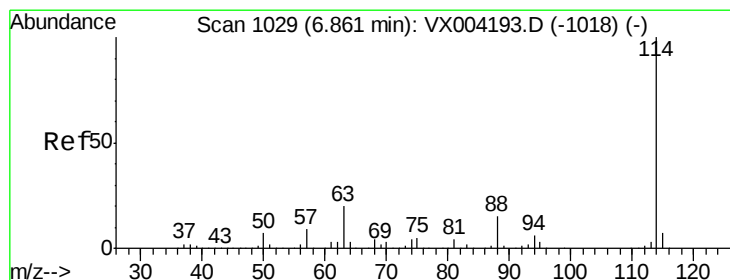
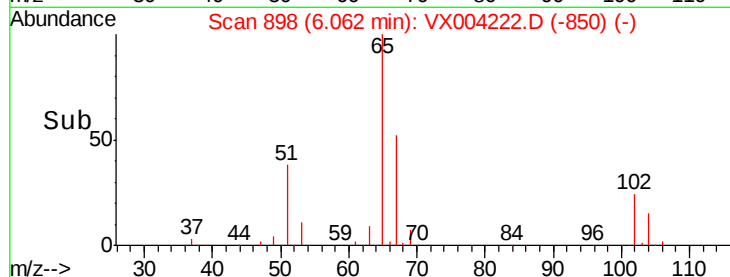
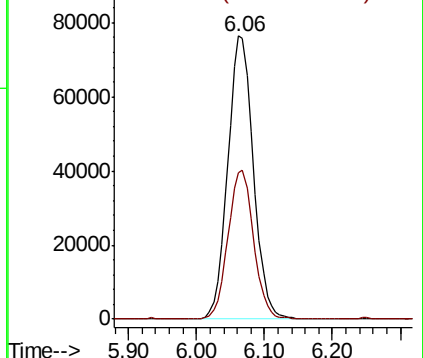
65 100

67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

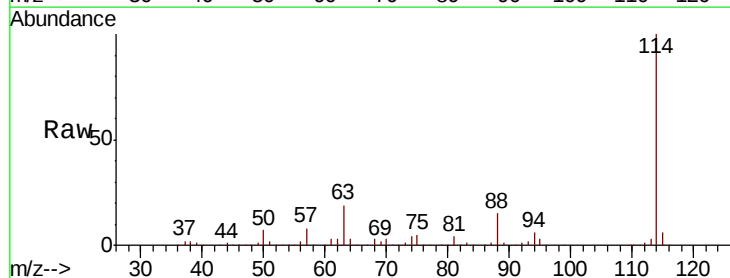
Tgt Ion: 114 Resp: 470422

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

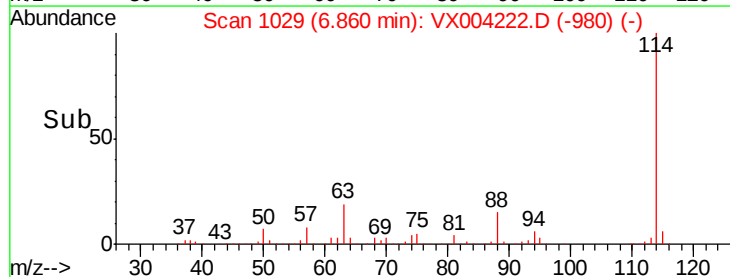
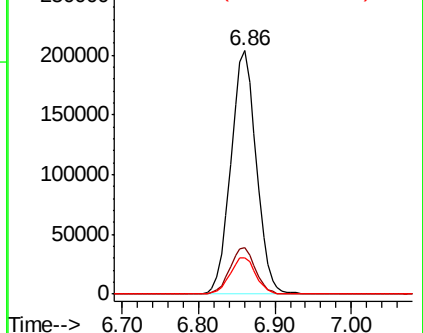
88 14.7 0.0 30.4

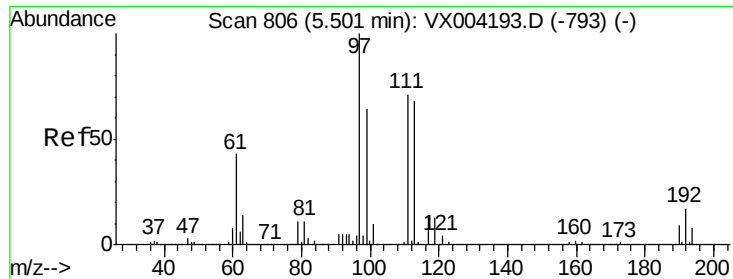


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

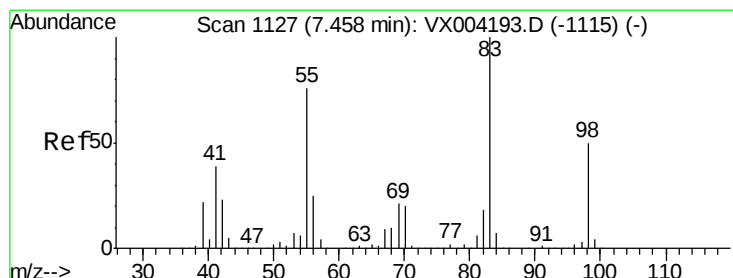
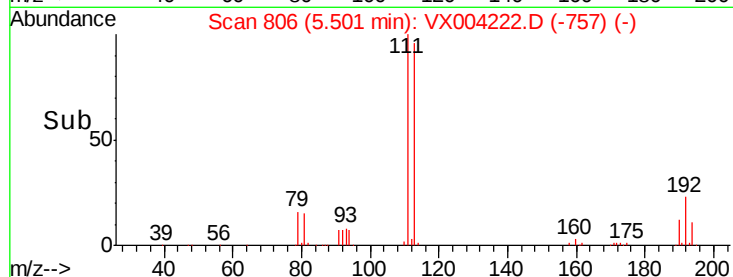
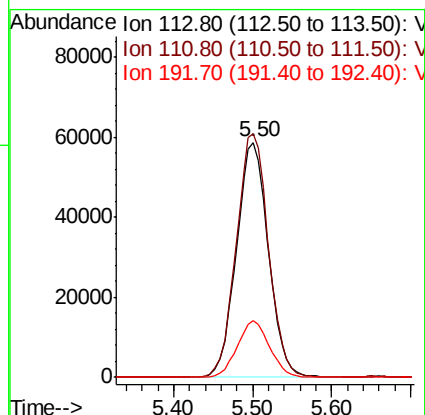
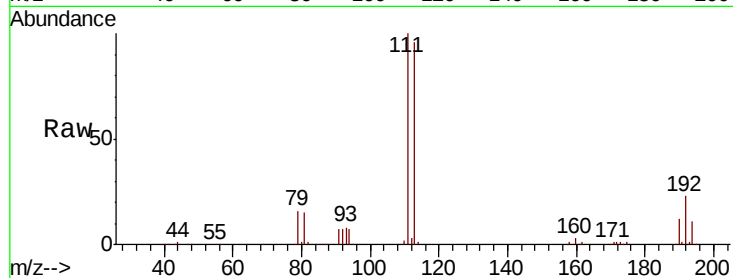




#35
 Dibromofluoromethane
 Concen: 47.18 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

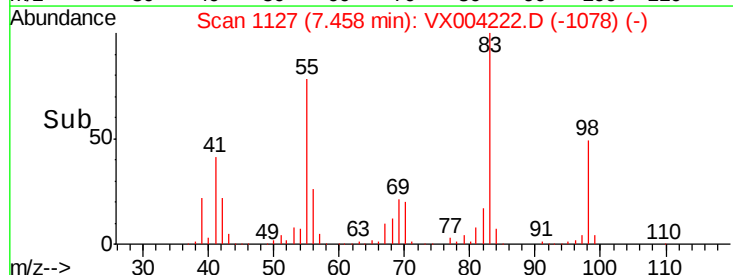
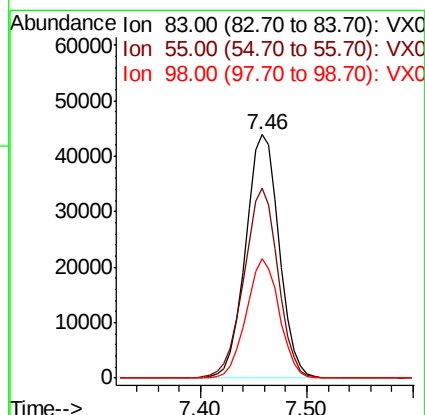
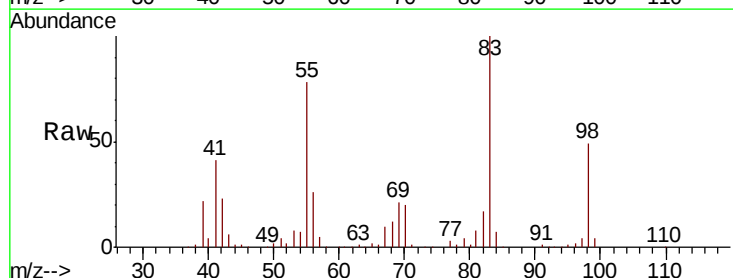
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0548DL

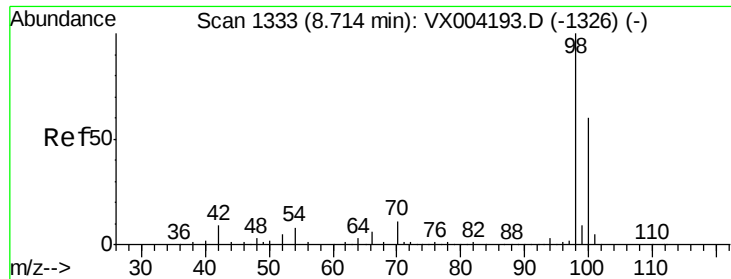
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.4	123.6
192	24.1	19.4	29.2



#39
 Methylcyclohexane
 Concen: 16.08 ug/l
 RT: 7.46 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.0	91.4
98	49.2	39.6	59.4





#50

Toluene-d8

Concen: 49.86 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleID :

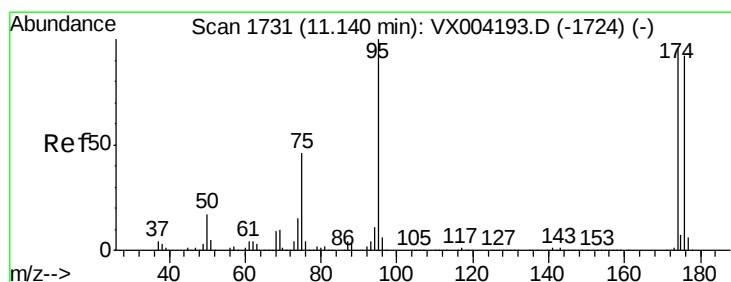
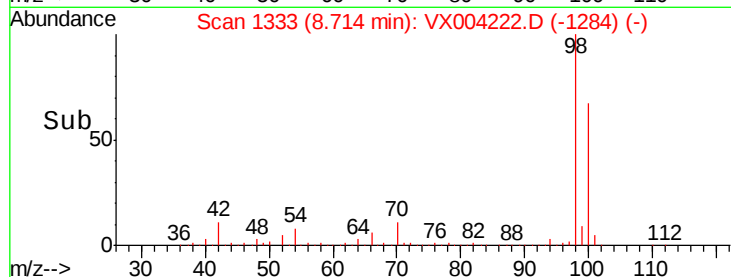
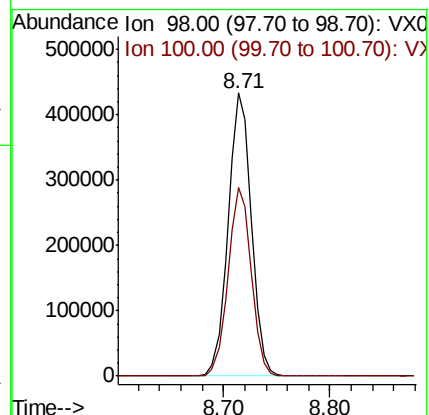
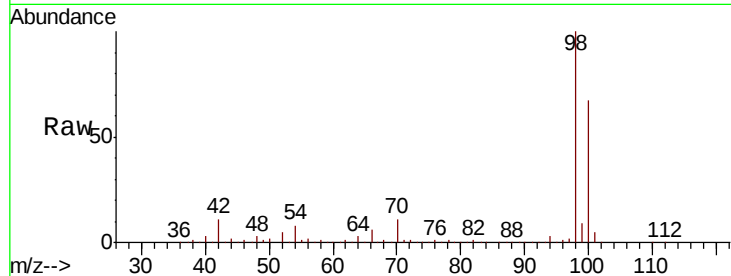
FL-0548DL

Tot Ion: 98 Resp: 658621

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 51.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

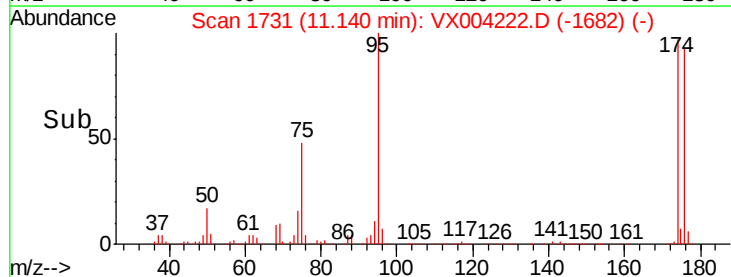
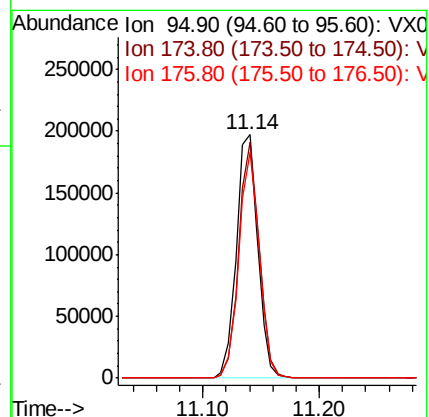
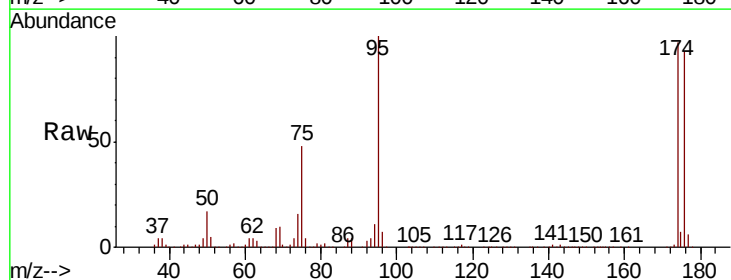
Tgt Ion: 95 Resp: 254639

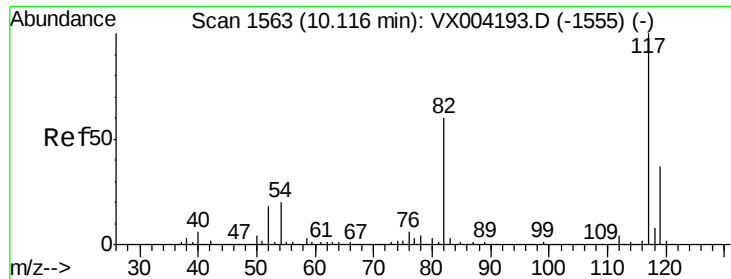
Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

176 88.8 0.0 178.6

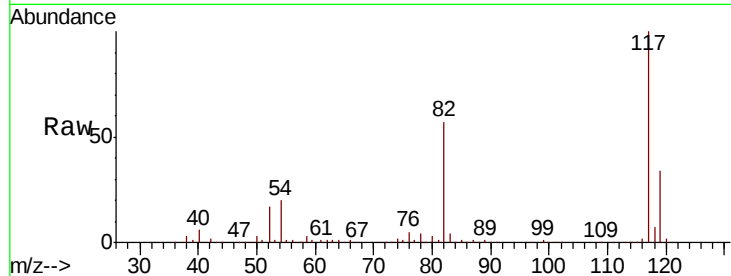




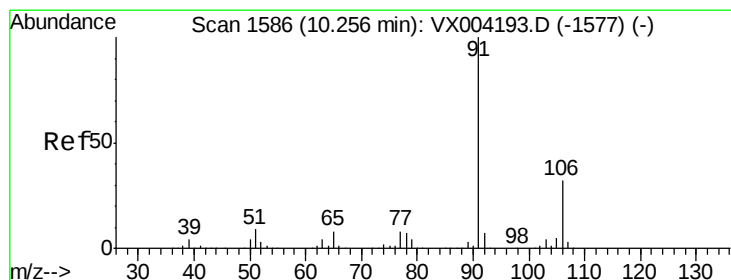
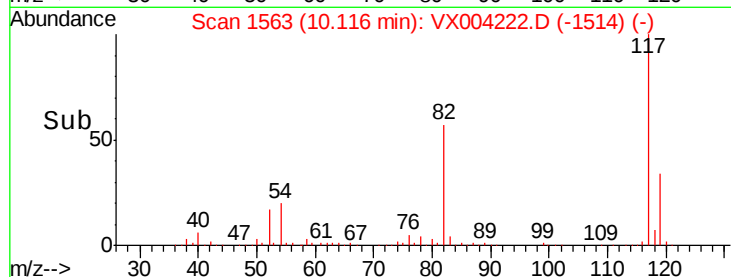
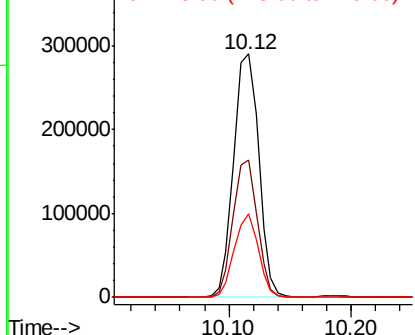
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

Tot Ion:117 Resp: 412849
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.6
119 34.4 29.3 43.9

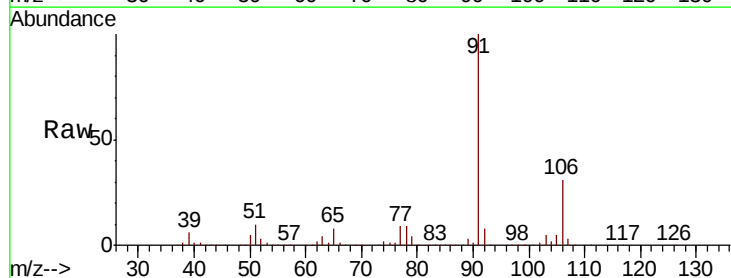


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

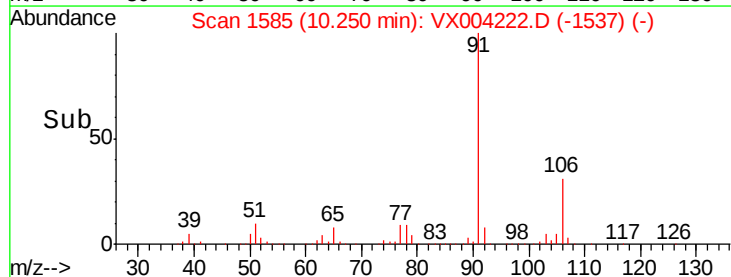
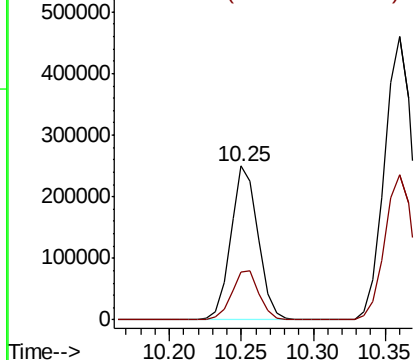


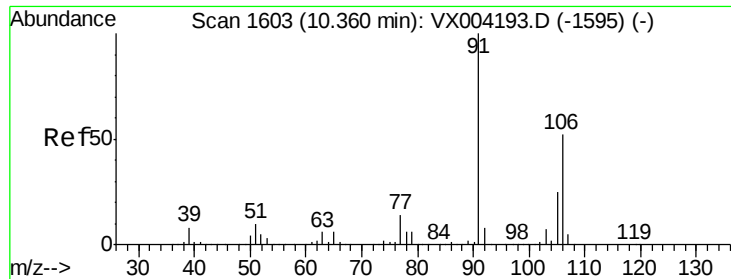
#67
Ethyl Benzene
Concen: 19.71 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 91 Resp: 331619
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9



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

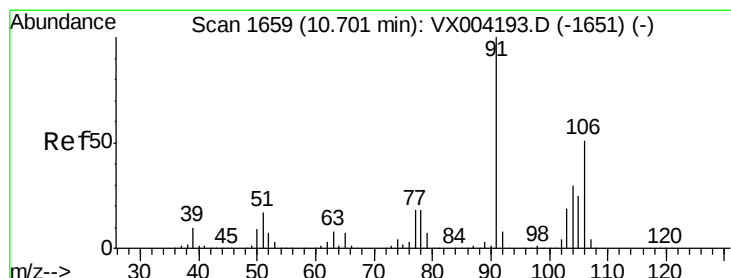
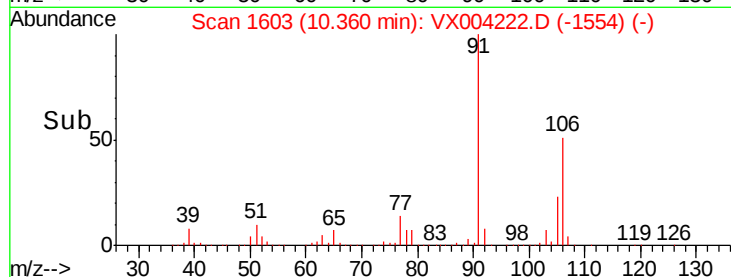
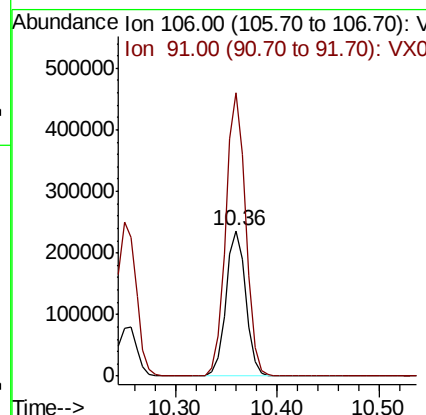
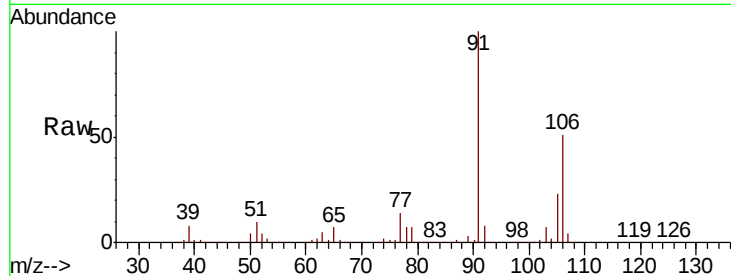




#68
m/p-Xylenes
Concen: 48.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

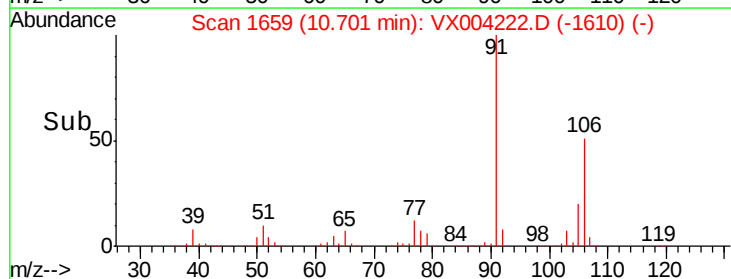
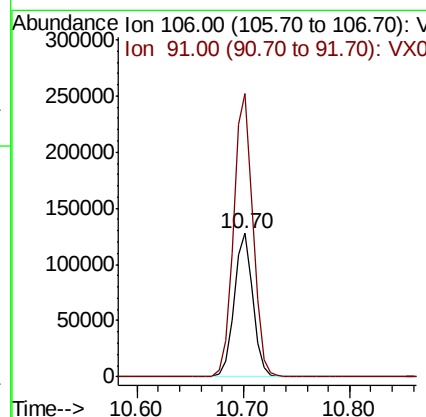
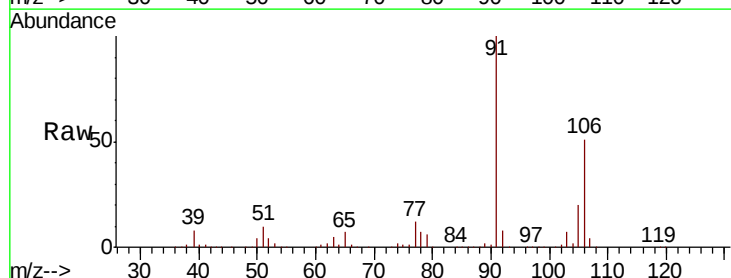
Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

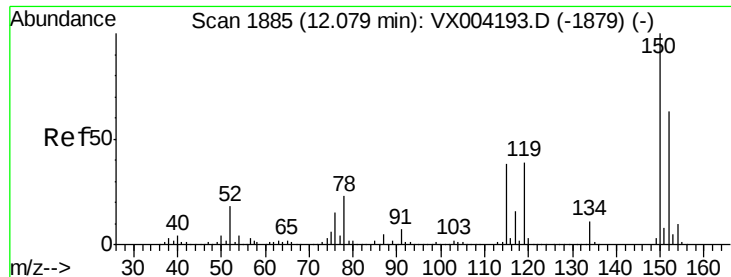
Tot Ion:106 Resp: 318201
Ion Ratio Lower Upper
106 100
91 196.3 157.1 235.7



#69
o-Xylene
Concen: 25.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion:106 Resp: 156992
Ion Ratio Lower Upper
106 100
91 204.2 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0548DL

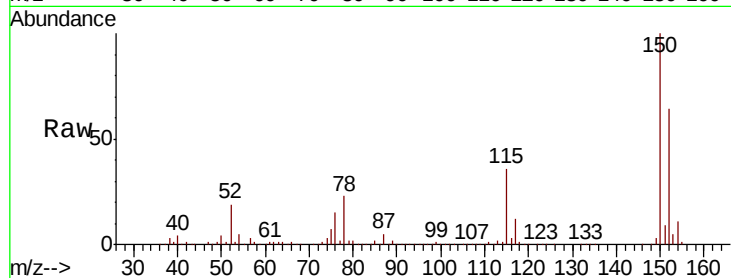
Tot Ion:152 Resp: 279072

Ion Ratio Lower Upper

152 100

115 55.2 39.0 117.0

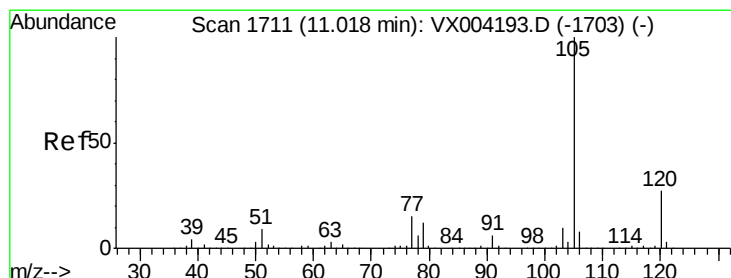
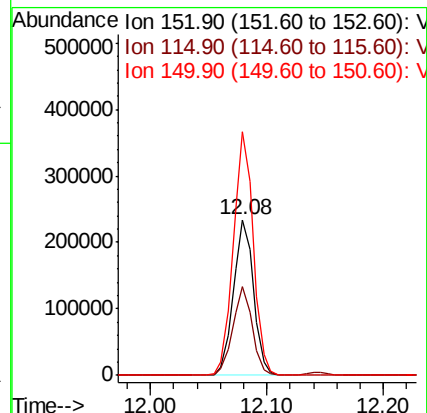
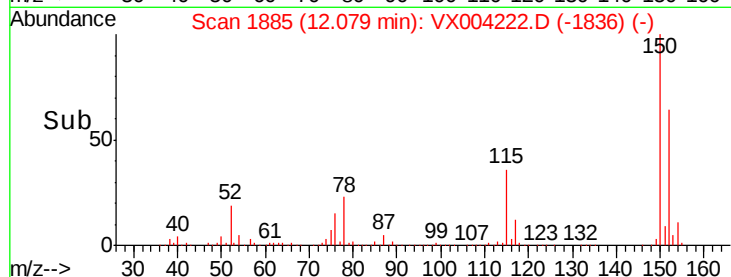
150 155.9 0.0 351.0



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: 2.52 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004222.D

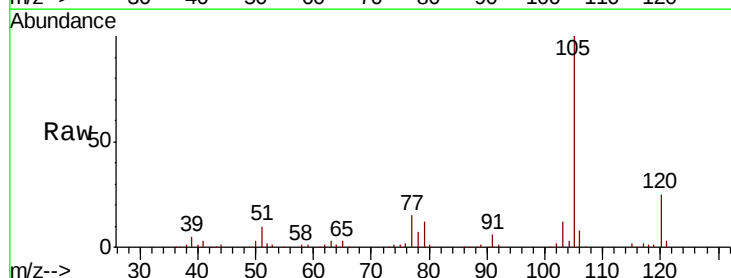
Acq: 23 Aug 2018 13:14

Tgt Ion:105 Resp: 46103

Ion Ratio Lower Upper

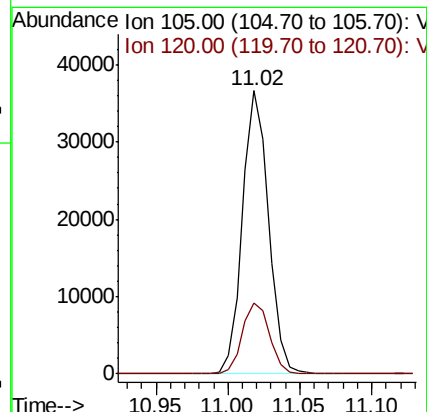
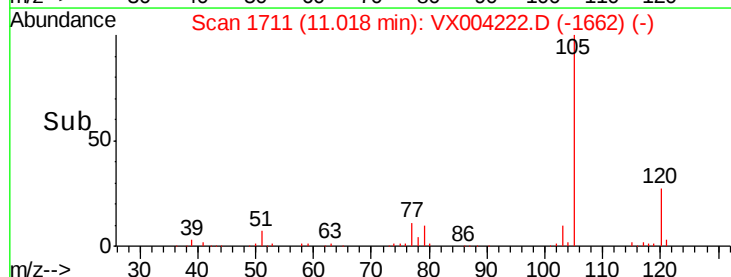
105 100

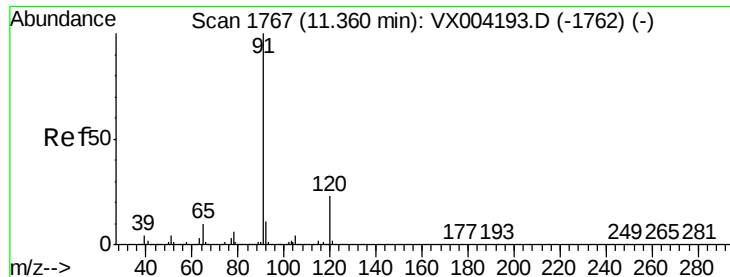
120 26.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.70 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

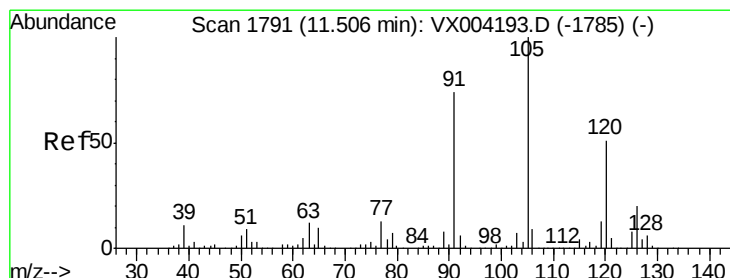
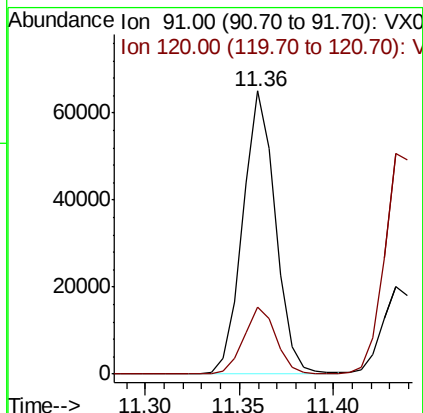
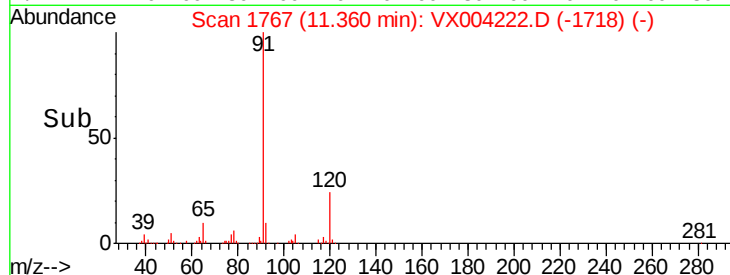
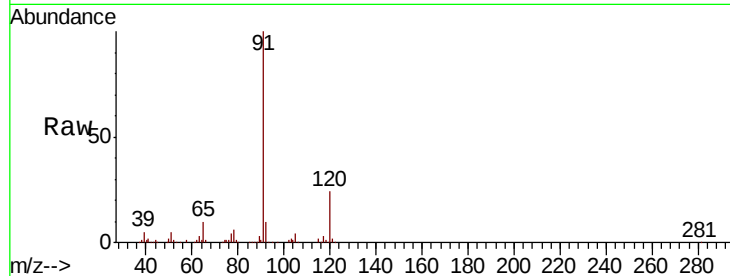
FL-0548DL

Tot Ion: 91 Resp: 78097

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 8.59 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004222.D

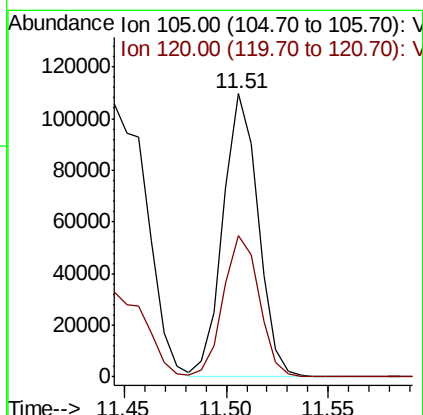
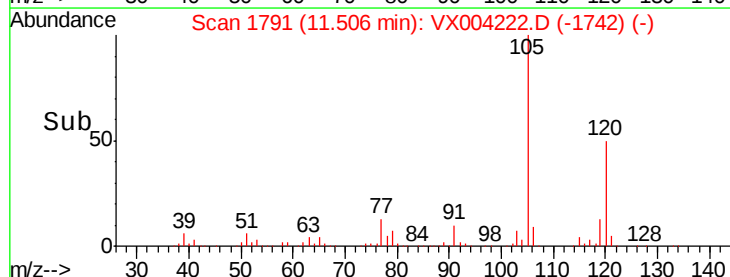
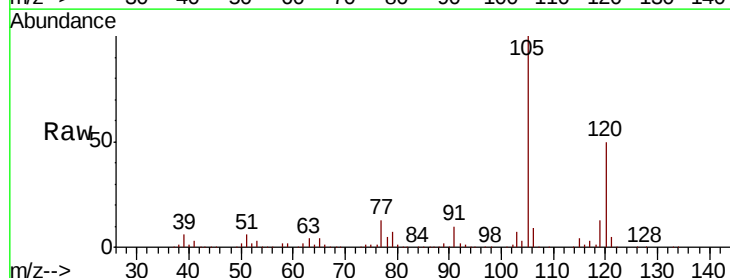
Acq: 23 Aug 2018 13:14

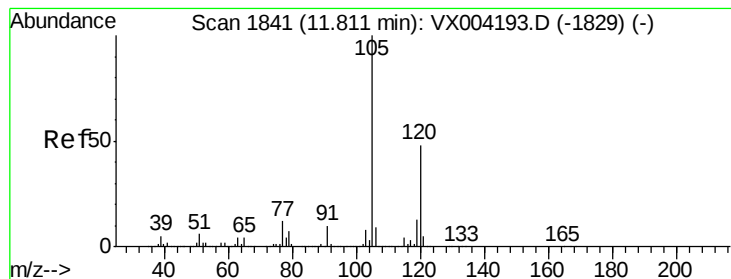
Tgt Ion: 105 Resp: 130362

Ion Ratio Lower Upper

105 100

120 50.9 25.6 76.8





#84

1,2,4-Trimethylbenzene

Concen: 21.38 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

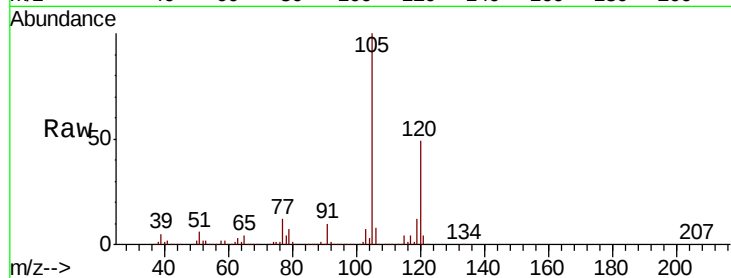
FL-0548DL

Tot Ion:105 Resp: 333191

Ion Ratio Lower Upper

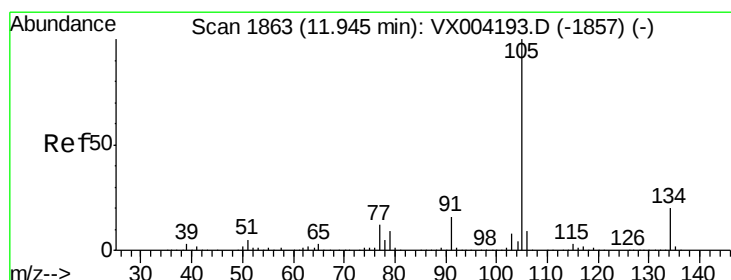
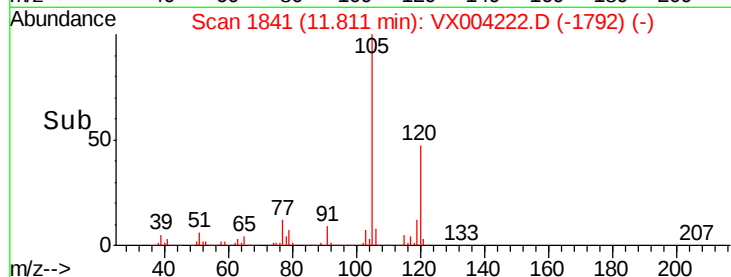
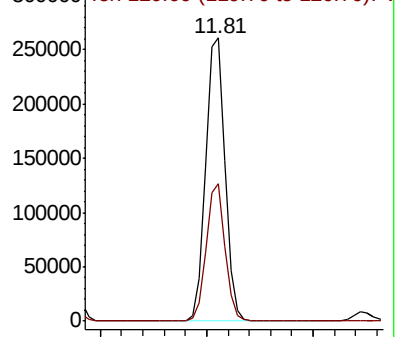
105 100

120 47.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.60 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004222.D

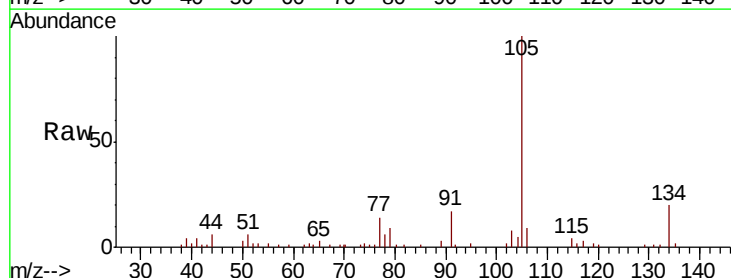
Acq: 23 Aug 2018 13:14

Tgt Ion:105 Resp: 10877

Ion Ratio Lower Upper

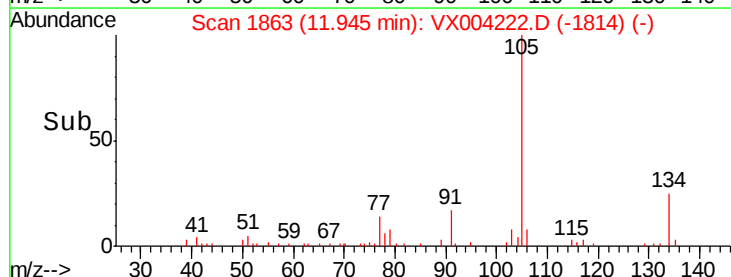
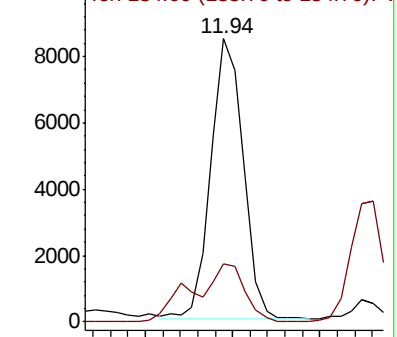
105 100

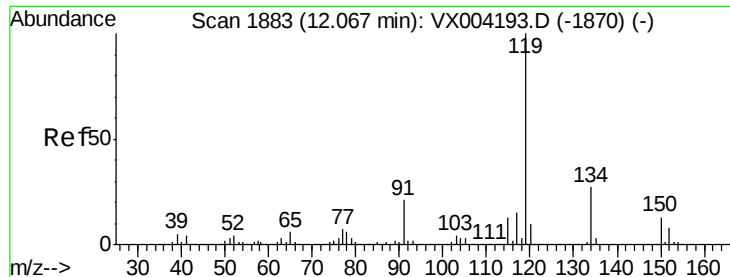
134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

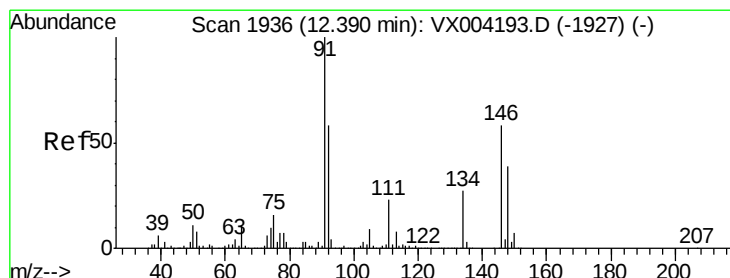
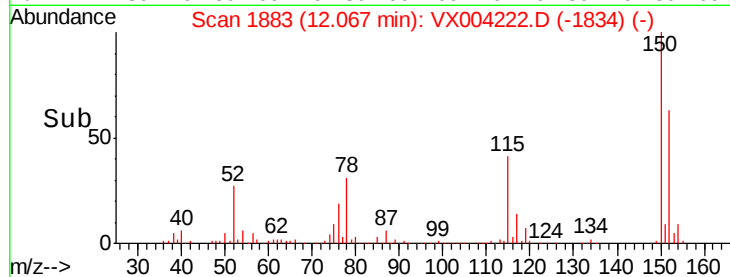
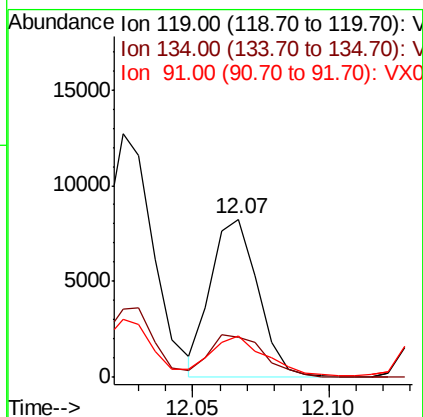
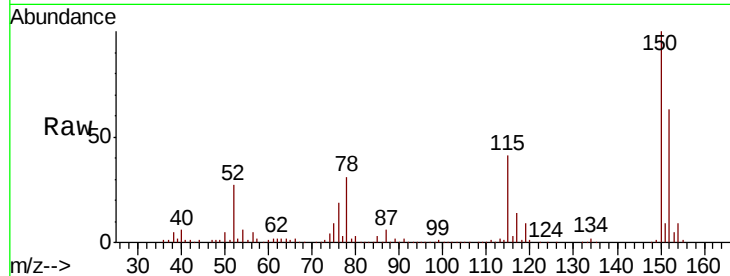




#86
p-Isopropyltoluene
Concen: 0.61 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

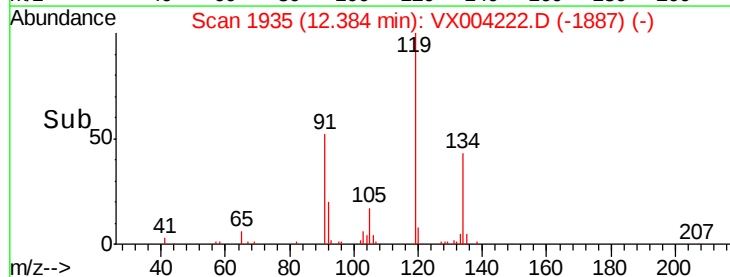
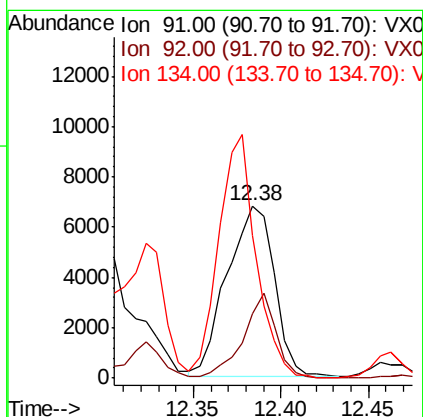
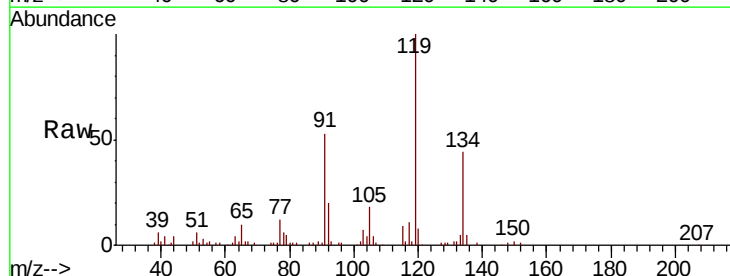
Instrument :
MSVOA_X
ClientSampleID :
FL-0548DL

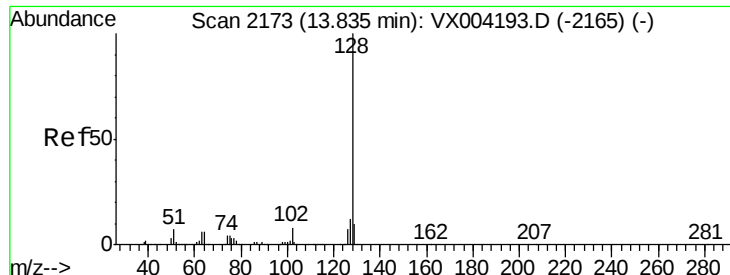
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.7	13.4	40.2
91	29.2	10.9	32.7



#89
n-Butylbenzene
Concen: 0.97 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.3	27.3	81.9
134	112.2	13.6	40.7#

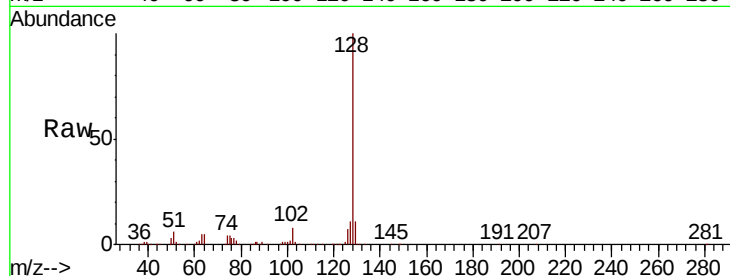




#95
Naphthalene
Concen: 7.38 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	11.2	8.6	12.8



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

