

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003861.D
 Acq On : 03 Aug 2018 20:55
 Operator : JC/MD
 Sample : J4263-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0521

Quant Time: Aug 04 01:21:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	85510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	125539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	118631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68846	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	53140	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
35) Dibromofluoromethane	5.51	113	46514	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
50) Toluene-d8	8.72	98	182128	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	64274	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	

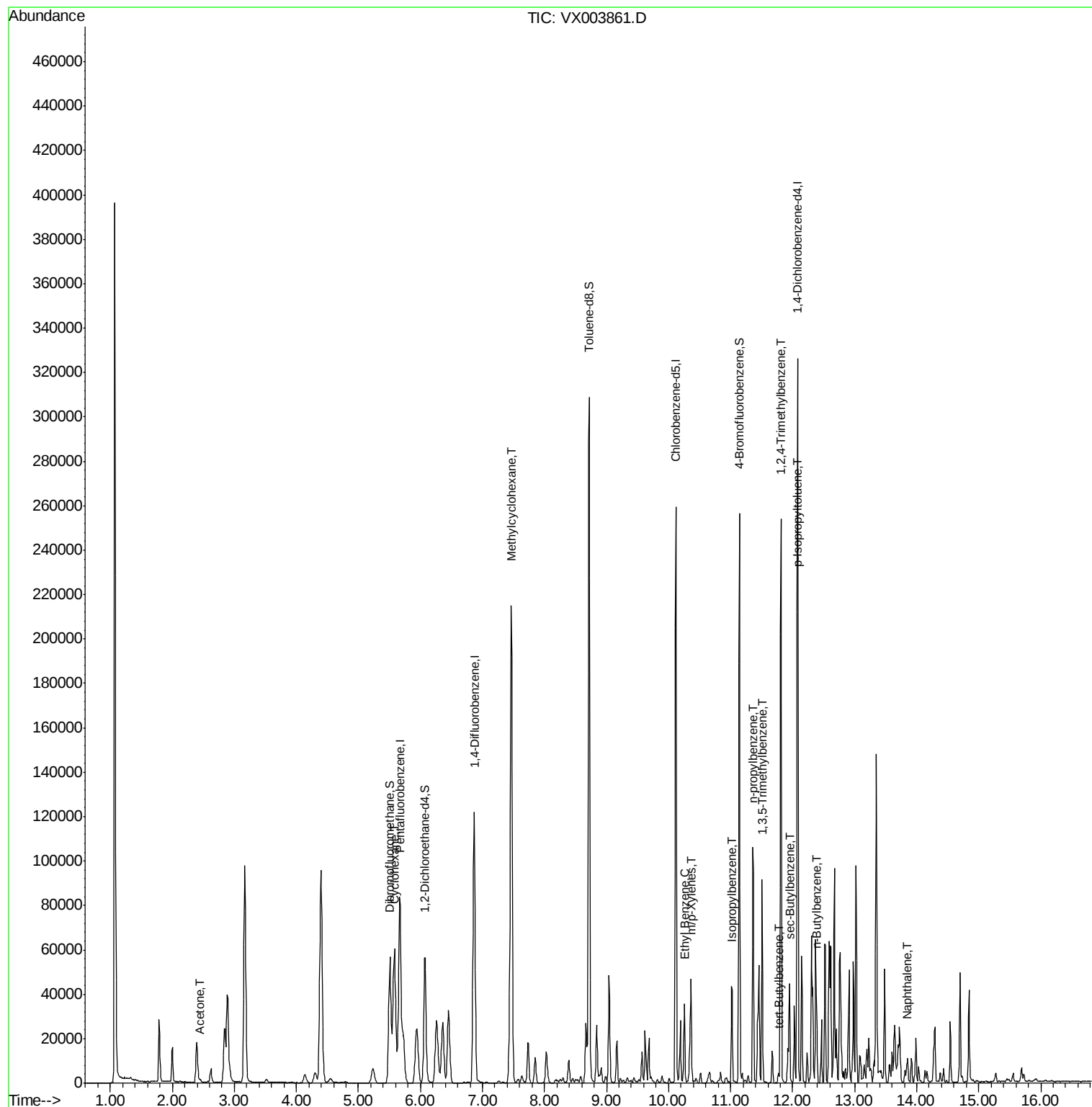
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	1458	2.46	ug/l	# 87
31) Cyclohexane	5.58	56	40961	28.58	ug/l	92
39) Methylcyclohexane	7.46	83	96486	65.50	ug/l	99
67) Ethyl Benzene	10.26	91	19663	4.21	ug/l	97
68) m/p-Xylenes	10.36	106	9285	5.08	ug/l	99
73) Isopropylbenzene	11.02	105	22689	5.14	ug/l	99
78) n-propylbenzene	11.36	91	63716	12.76	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	40542	10.94	ug/l	99
83) tert-Butylbenzene	11.77	119	1748	0.47	ug/l	85
84) 1,2,4-Trimethylbenzene	11.81	105	108483	28.31	ug/l	99
85) sec-Butylbenzene	11.95	105	24522	5.70	ug/l	85
86) p-Isopropyltoluene	12.07	119	5871	1.51	ug/l	95
89) n-Butylbenzene	12.39	91	10618	3.18	ug/l	# 33
95) Naphthalene	13.83	128	4471	0.91	ug/l	# 90

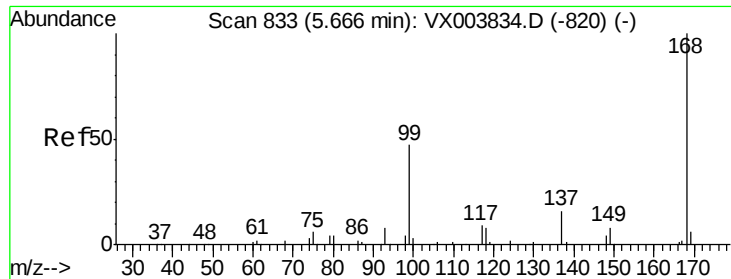
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003861.D
Acq On : 03 Aug 2018 20:55
Operator : JC/MD
Sample : J4263-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0521

Quant Time: Aug 04 01:21:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:55:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

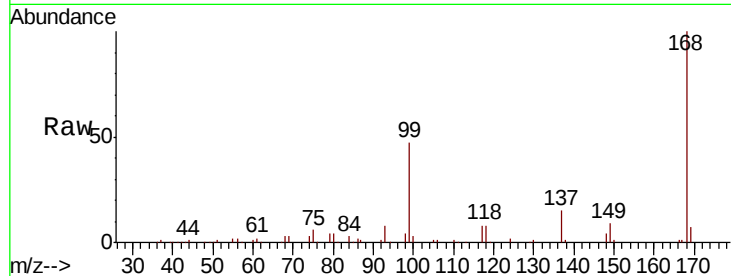
FL-0521

Tot Ion:168 Resp: 85510

Ion Ratio Lower Upper

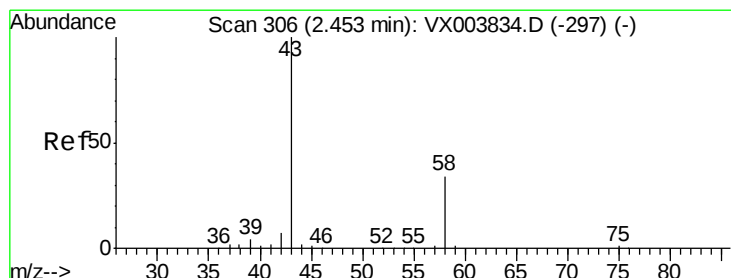
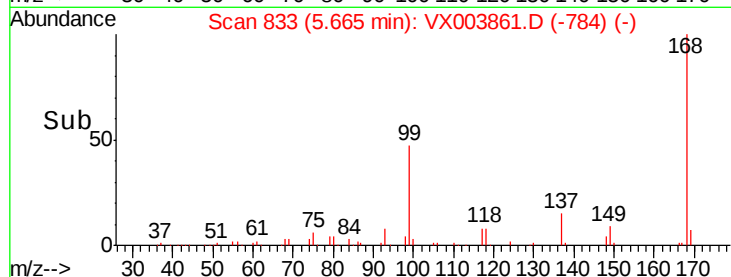
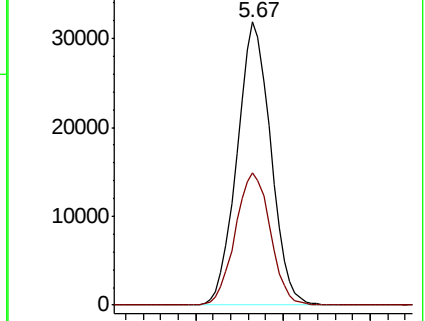
168 100

99 46.9 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.46 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003861.D

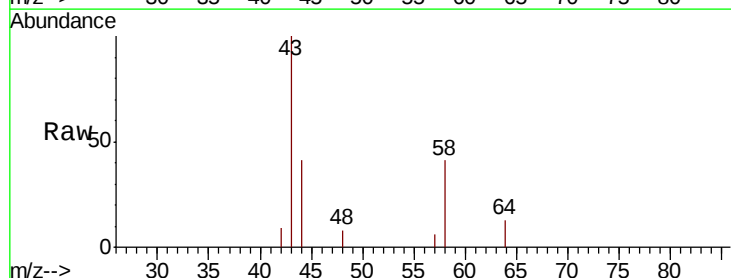
Acq: 03 Aug 2018 20:55

Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

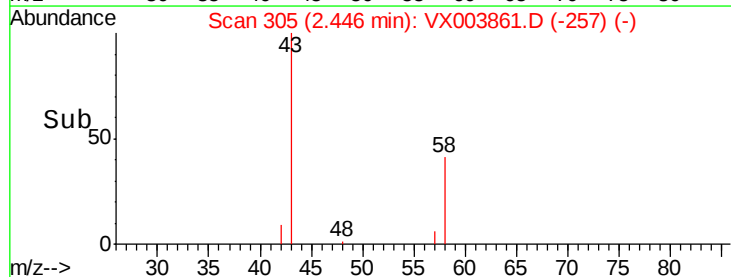
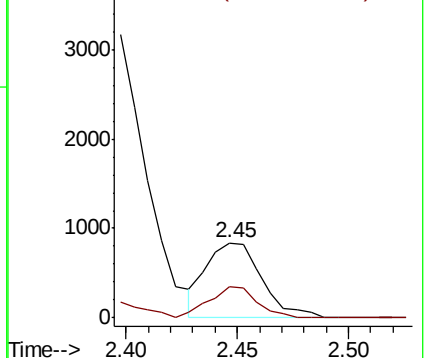
43 100

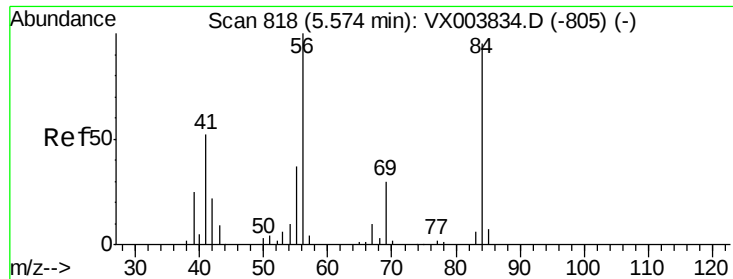
58 40.9 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

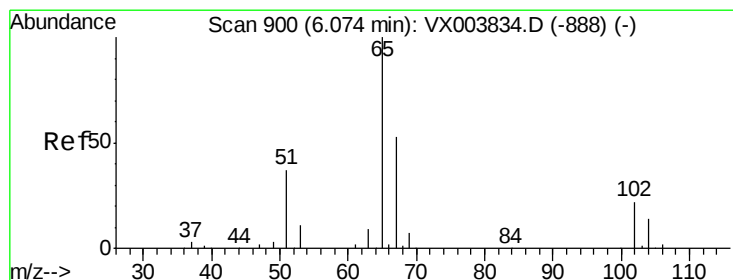
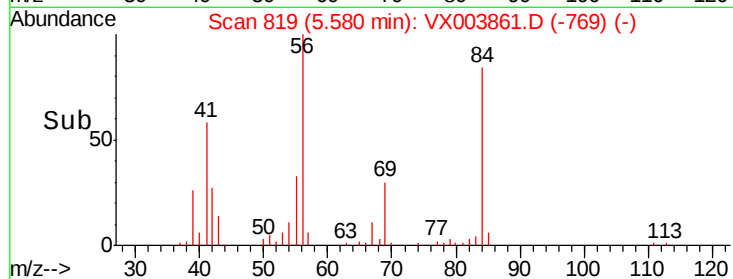
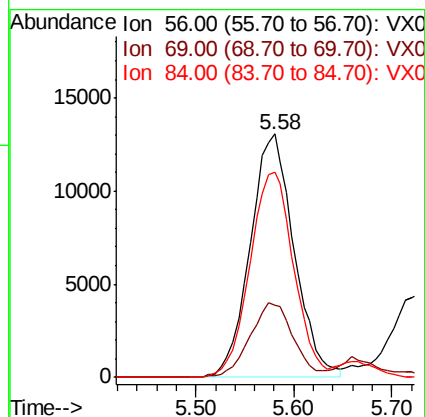
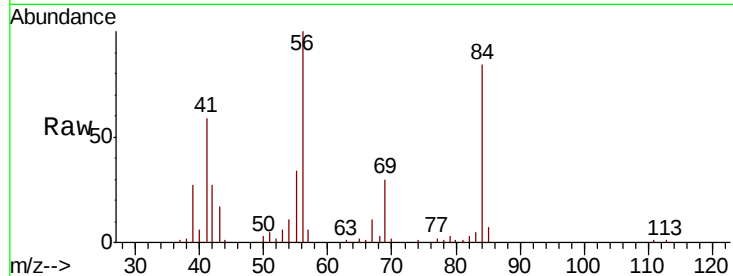




#31
Cyclohexane
Concen: 28.58 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

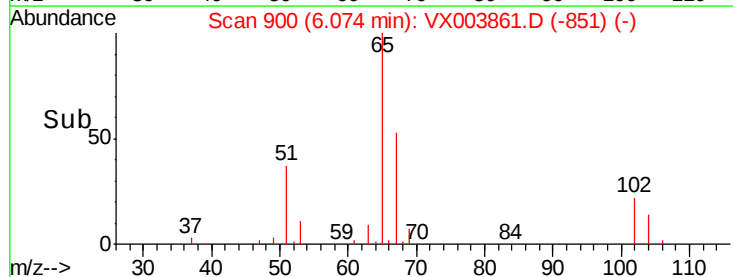
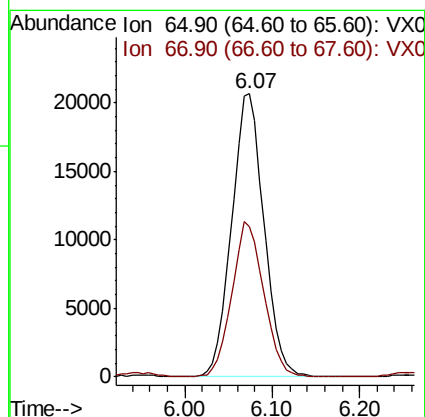
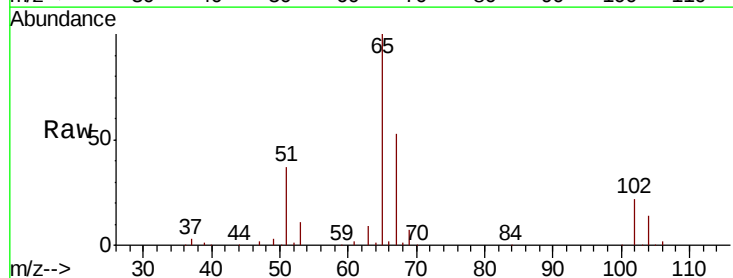
Instrument :
MSVOA_X
ClientSampleId :
FL-0521

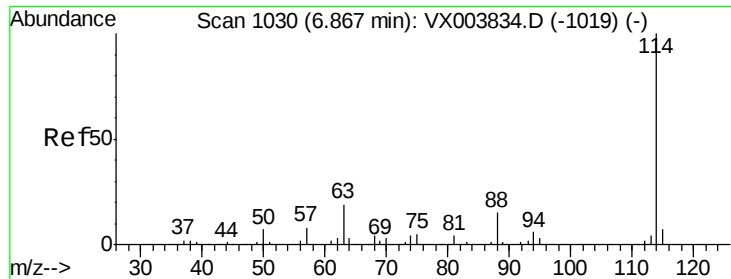
Tot Ion: 56 Resp: 40961
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 84.3 75.7 113.5



#33
1,2-Dichloroethane-d4
Concen: 47.12 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 65 Resp: 53140
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

FL-0521

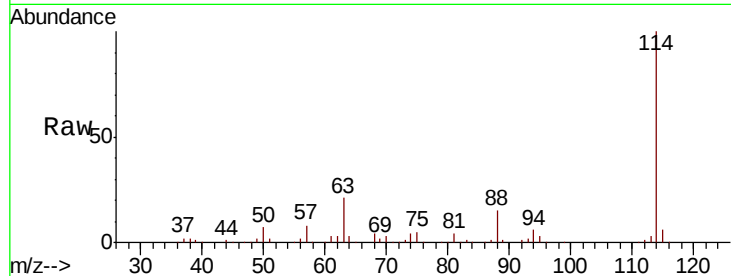
Tot Ion:114 Resp: 125539

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.2

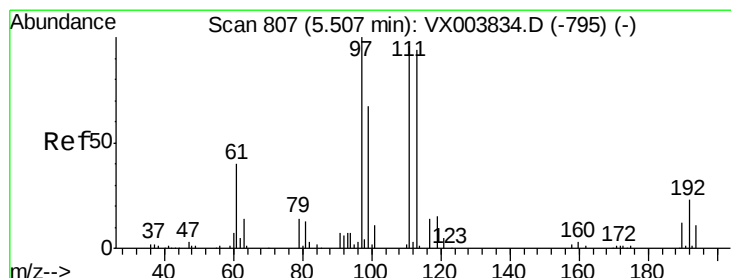
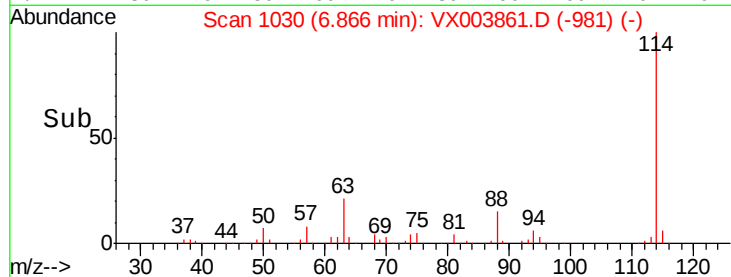
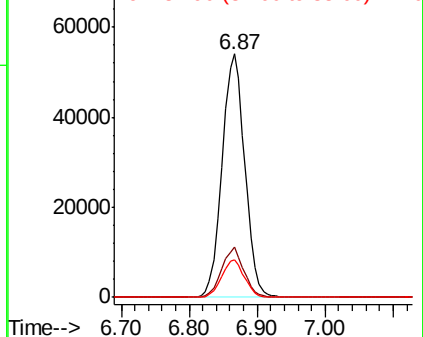
88 15.5 0.0 29.6



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: 47.16 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

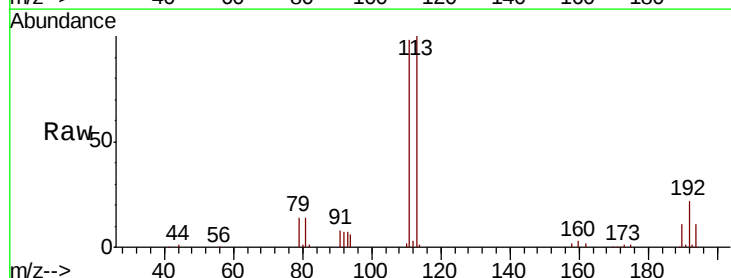
Tgt Ion:113 Resp: 46514

Ion Ratio Lower Upper

113 100

111 101.0 81.1 121.7

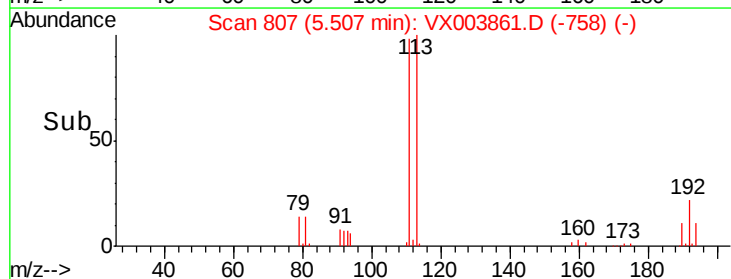
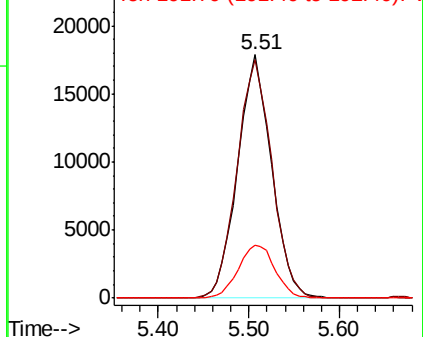
192 23.4 19.7 29.5

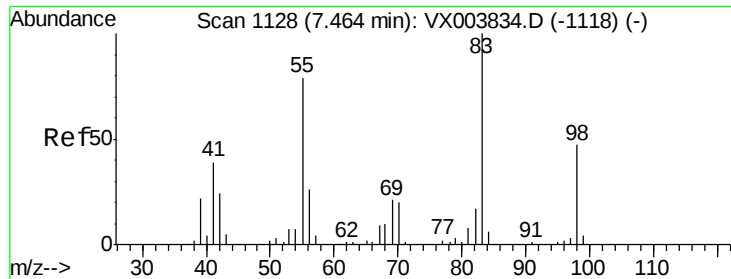


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

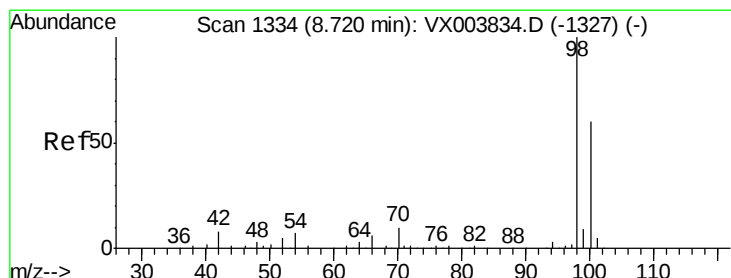
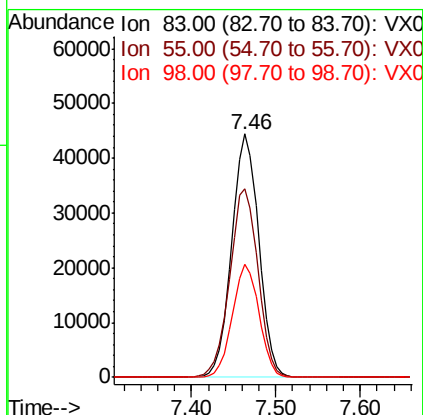
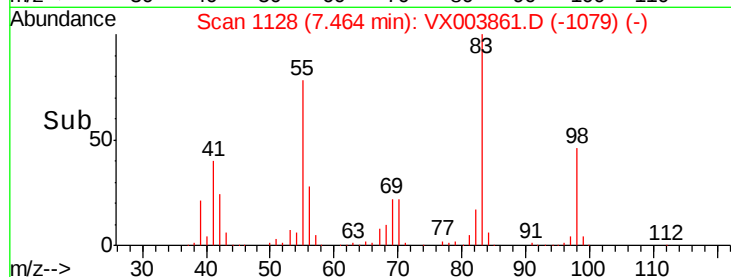
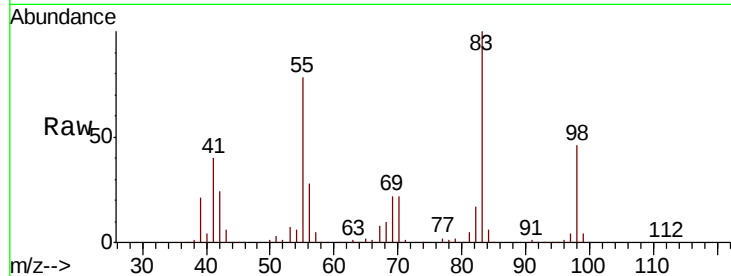




#39
Methvlcvclohexane
Concen: 65.50 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

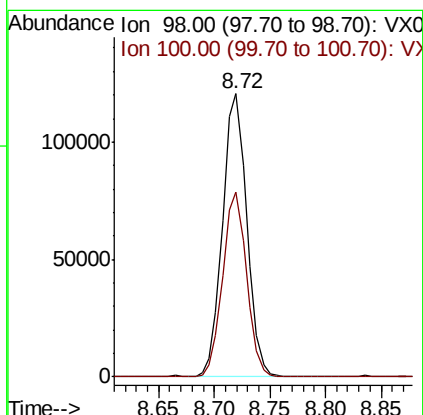
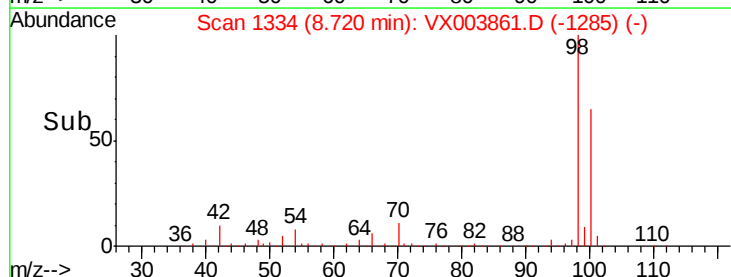
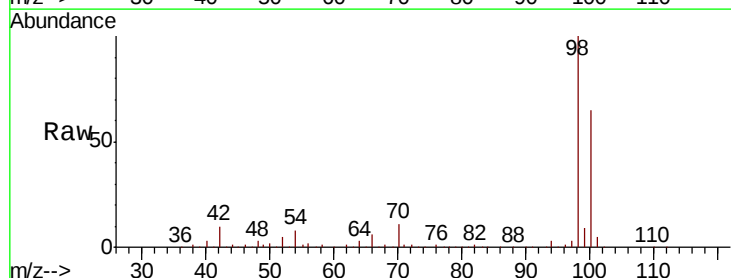
Instrument :
MSVOA_X
ClientSampled :
FL-0521

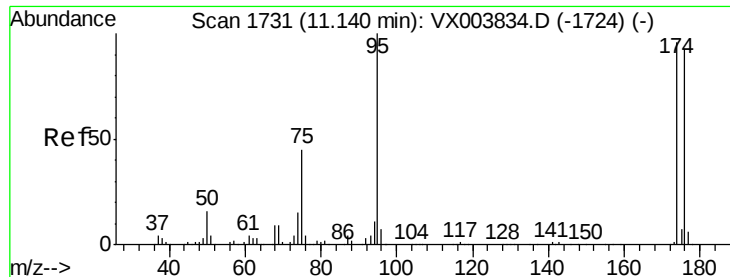
Tot Ion: 83 Resp: 96486
Ion Ratio Lower Upper
83 100
55 77.7 63.1 94.7
98 46.3 37.5 56.3



#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 98 Resp: 182128
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2

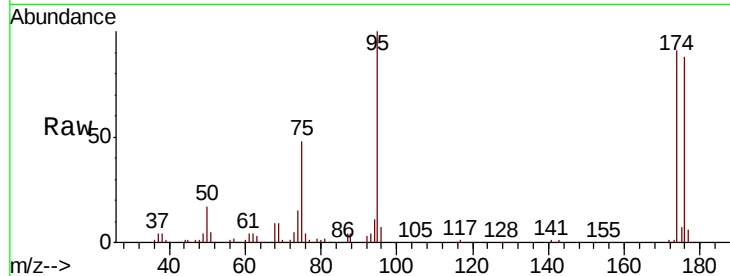




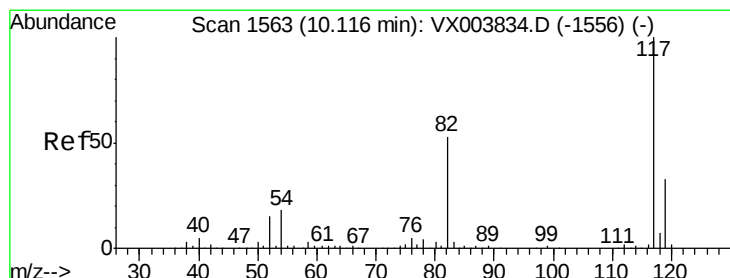
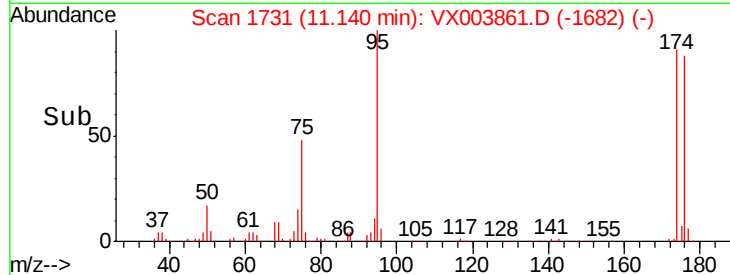
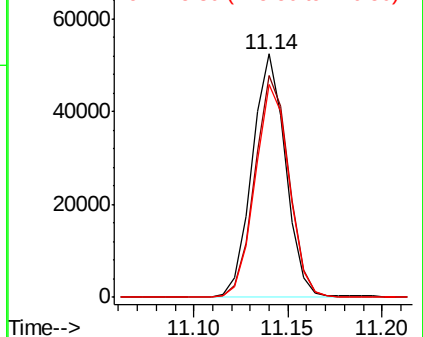
#62
4-Bromofluorobenzene
Concen: 47.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :
FL-0521

Tot Ion: 95 Resp: 64274
Ion Ratio Lower Upper
95 100
174 93.3 0.0 192.2
176 89.2 0.0 185.8

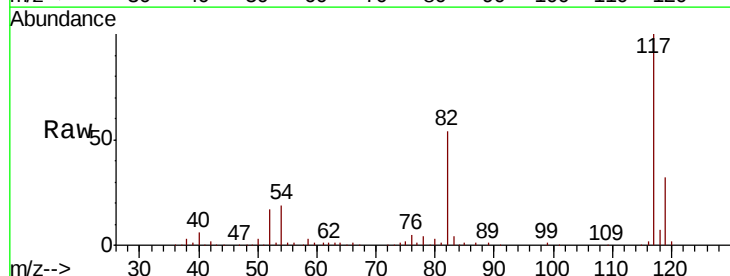


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

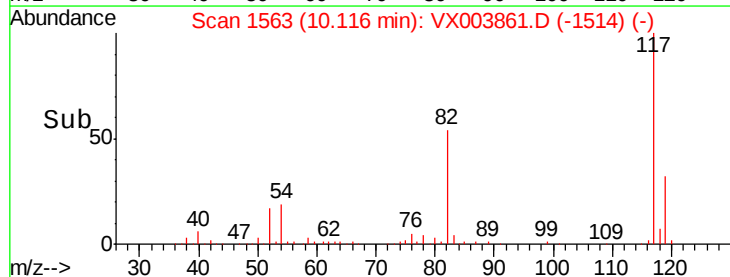
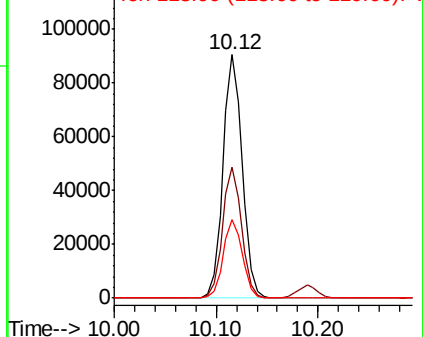


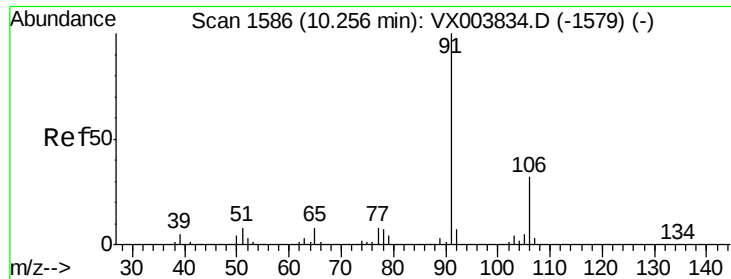
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 117 Resp: 118631
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.0 26.2 39.2



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

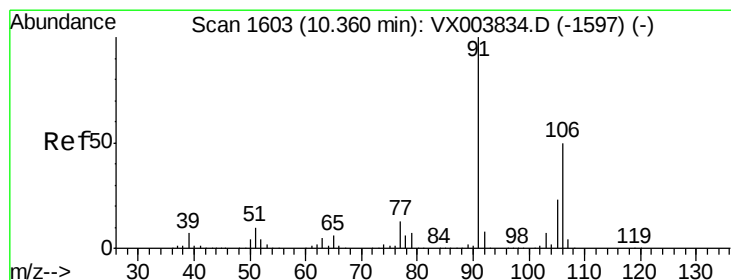
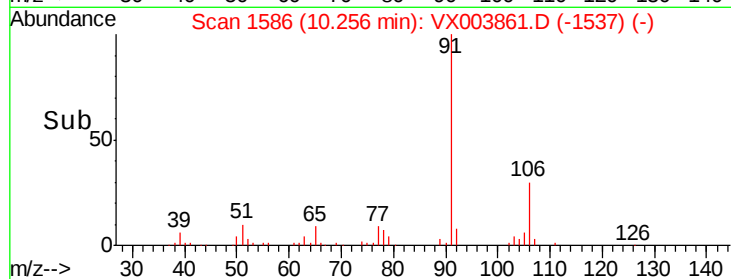
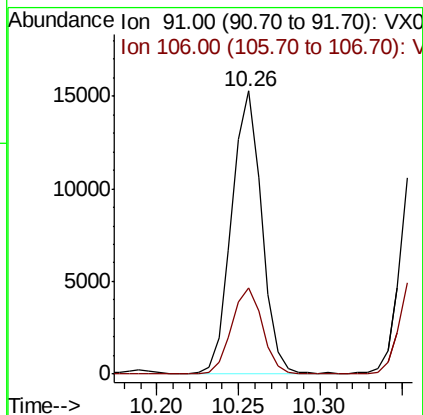
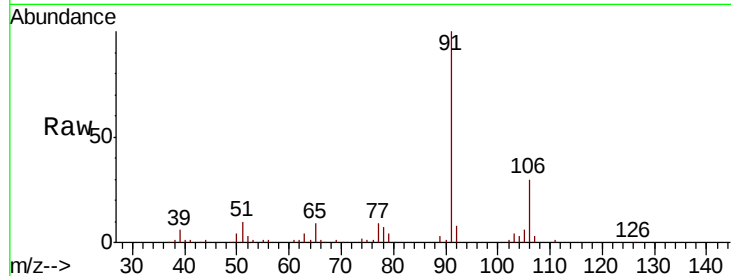




#67
Ethyl Benzene
Concen: 4.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

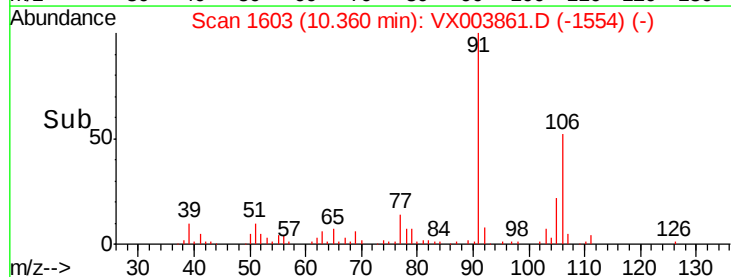
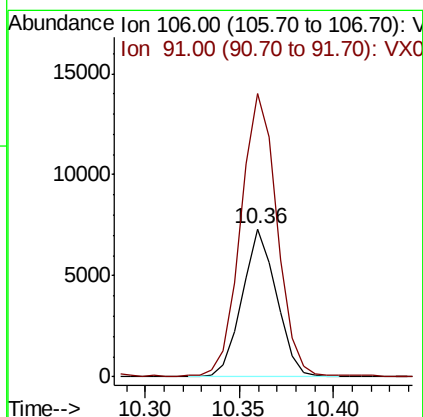
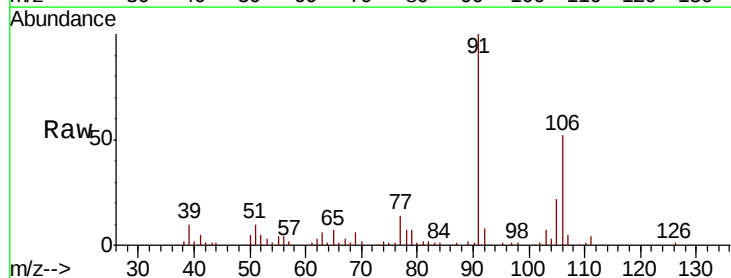
Instrument :
MSVOA_X
ClientSampleId :
FL-0521

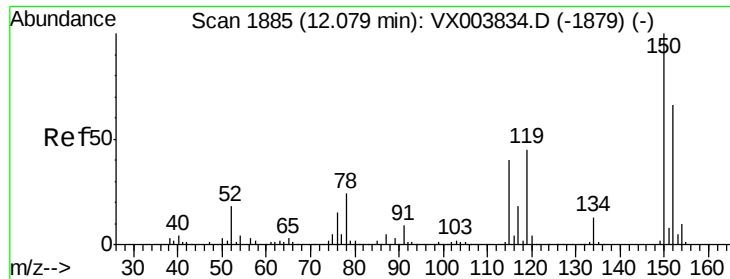
Tot Ion: 91 Resp: 19663
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 5.08 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 106 Resp: 9285
Ion Ratio Lower Upper
106 100
91 202.9 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

FL-0521

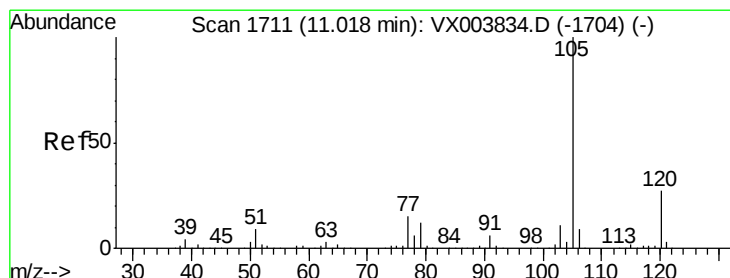
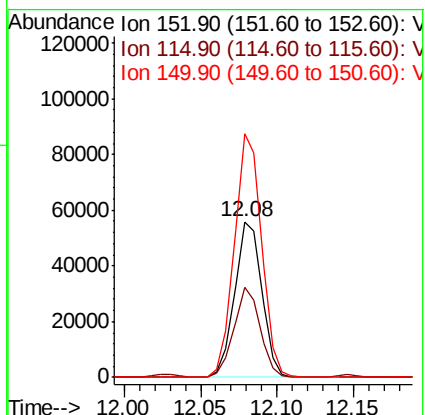
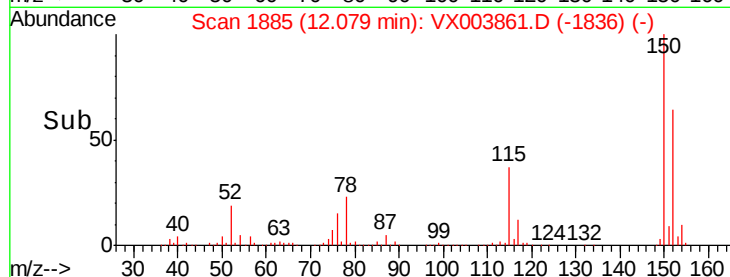
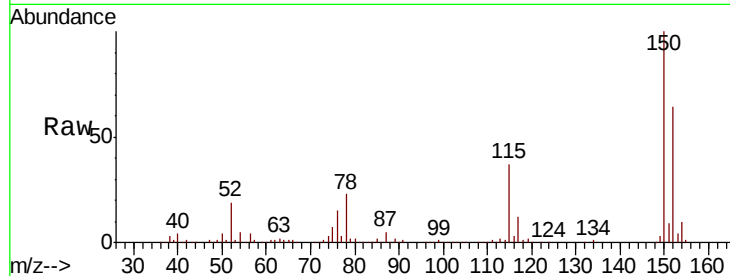
Tot Ion:152 Resp: 68846

Ion Ratio Lower Upper

152 100

115 56.0 37.4 112.1

150 156.0 0.0 346.6



#73

Isopropylbenzene

Concen: 5.14 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003861.D

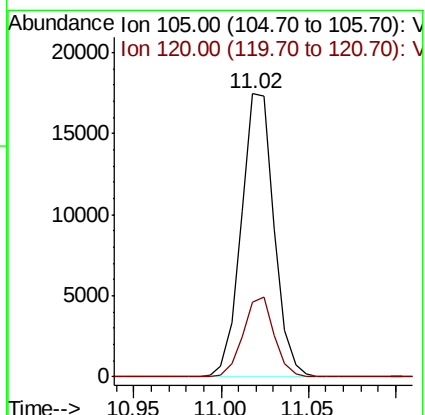
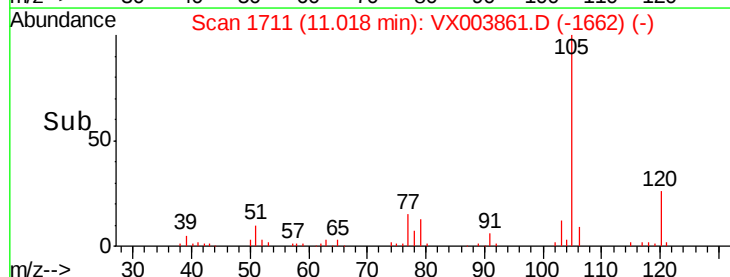
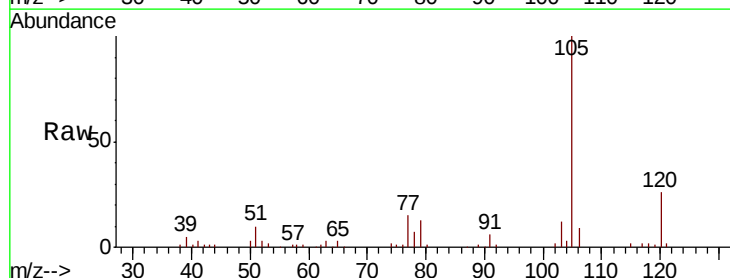
Acq: 03 Aug 2018 20:55

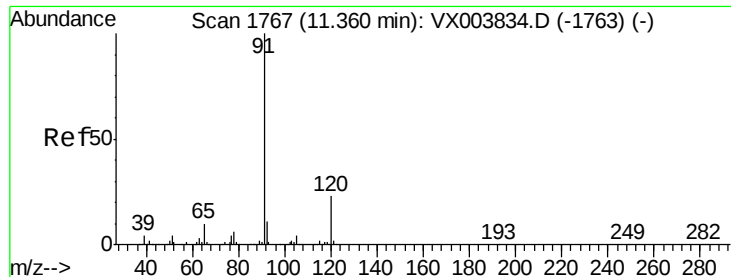
Tgt Ion:105 Resp: 22689

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7





#78

n-propylbenzene

Concen: 12.76 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

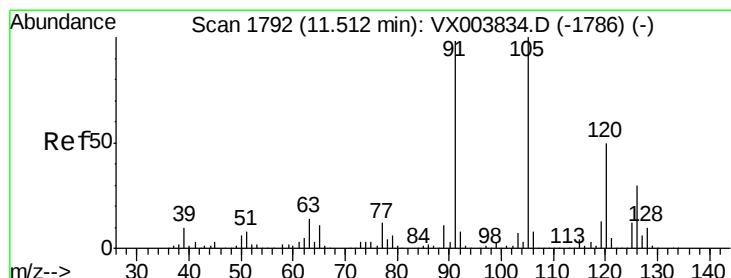
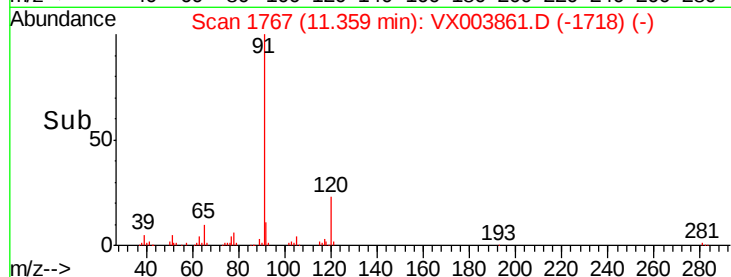
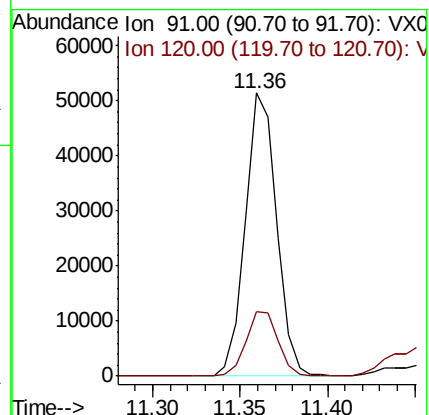
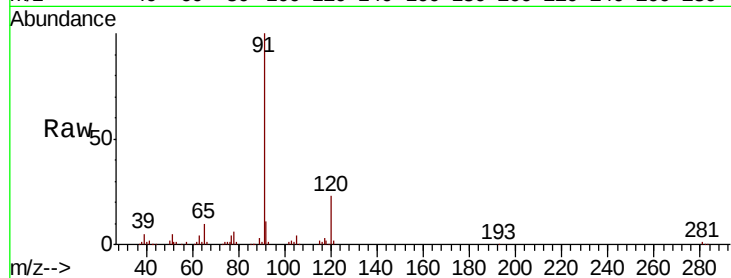
FL-0521

Tot Ion: 91 Resp: 63716

Ion Ratio Lower Upper

91 100

120 23.3 12.1 36.3



#80

1,3,5-Trimethylbenzene

Concen: 10.94 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003861.D

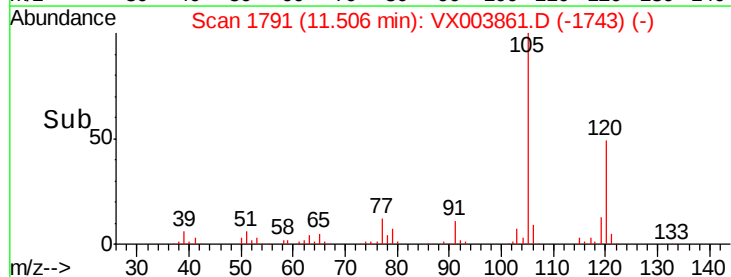
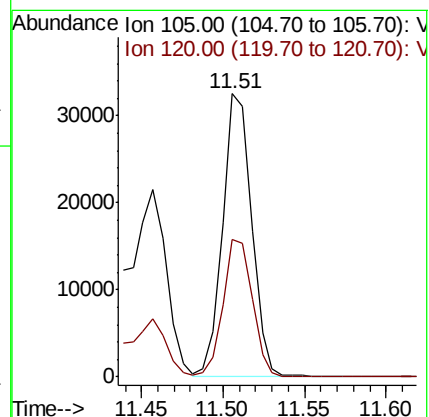
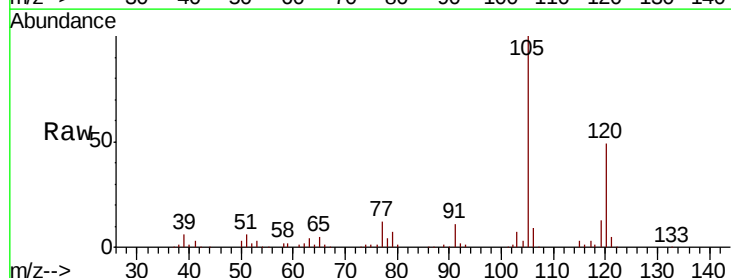
Acq: 03 Aug 2018 20:55

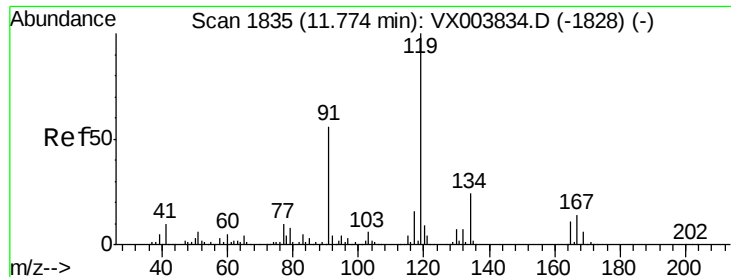
Tgt Ion: 105 Resp: 40542

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4

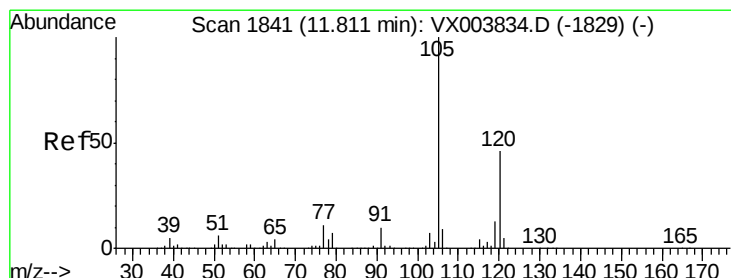
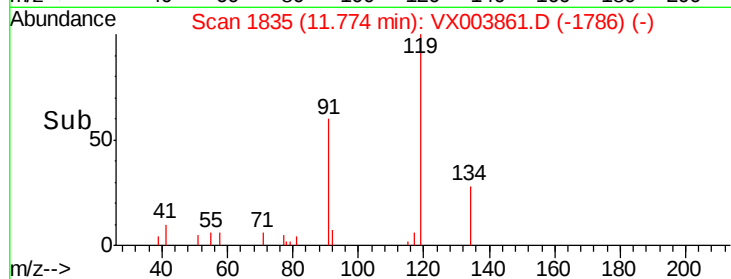
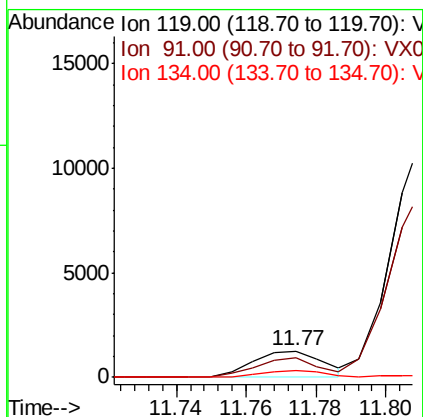
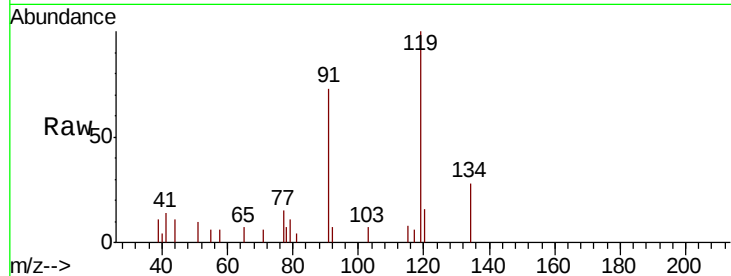




#83
 tert-Butylbenzene
 Concen: 0.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

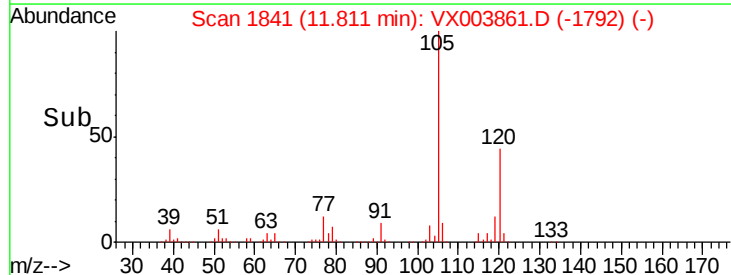
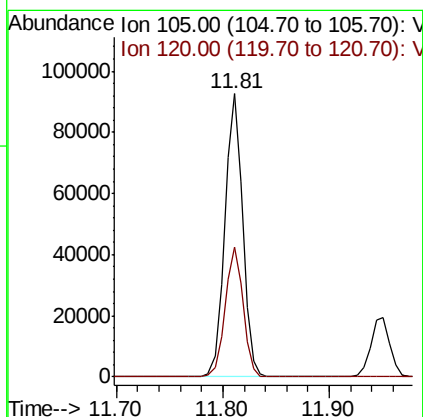
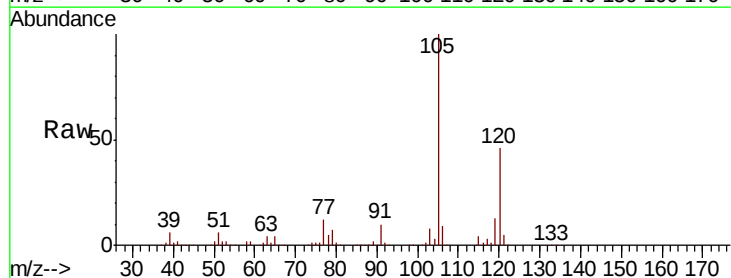
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0521

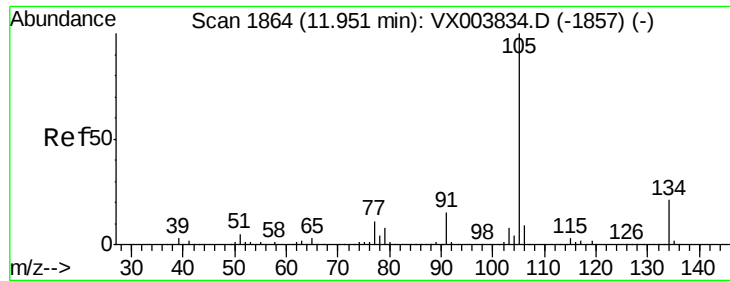
Tot Ion:119 Resp: 1748
 Ion Ratio Lower Upper
 119 100
 91 67.8 26.6 79.7
 134 23.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 28.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion:105 Resp: 108483
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5

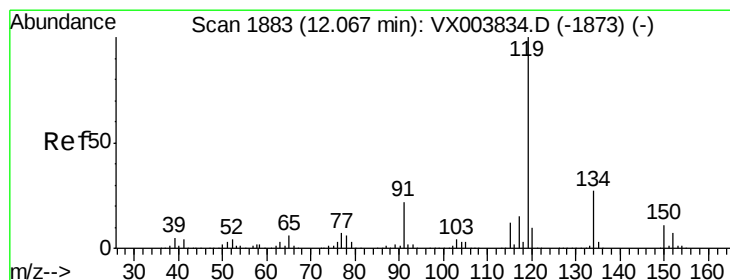
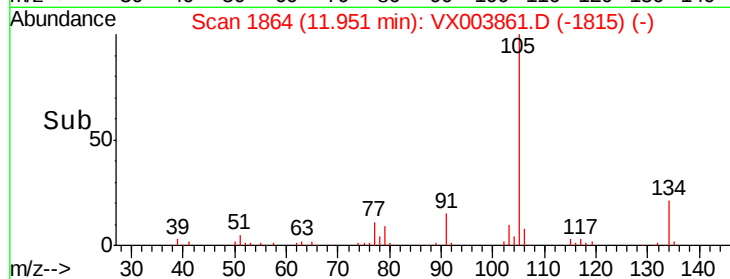
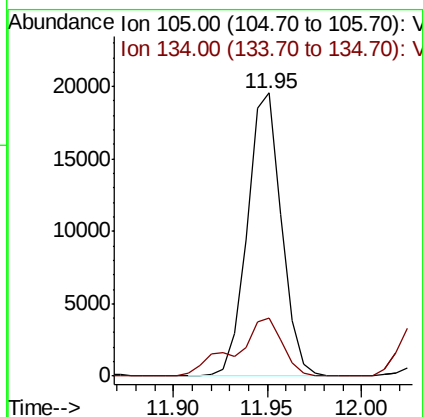
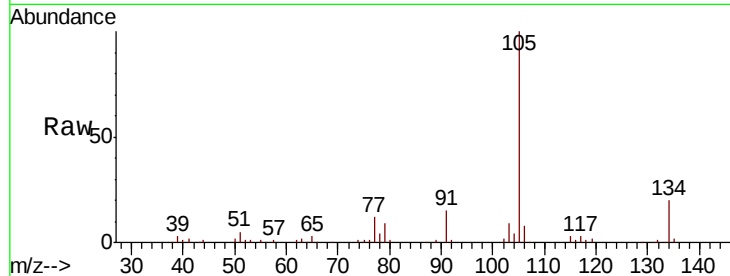




#85
 sec-Butylbenzene
 Concen: 5.70 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

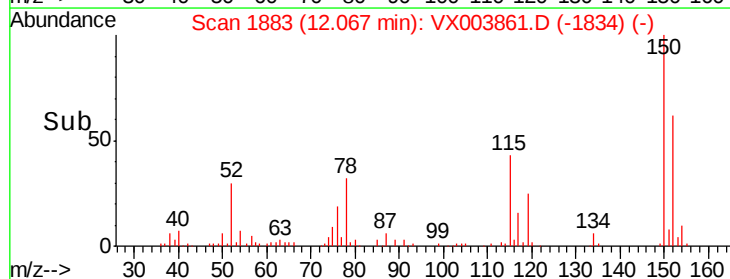
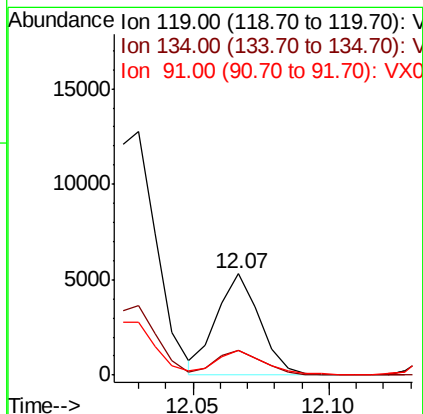
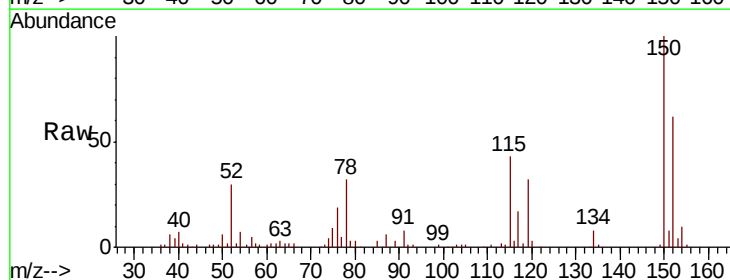
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0521

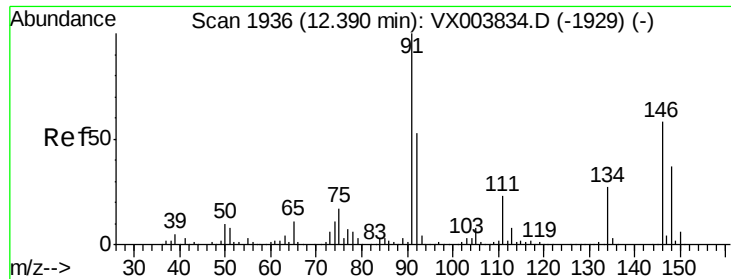
Tot Ion:105 Resp: 24522
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 1.51 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion:119 Resp: 5871
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 27.2 11.1 33.1





#89

n-Butylbenzene

Concen: 3.18 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleID :

FL-0521

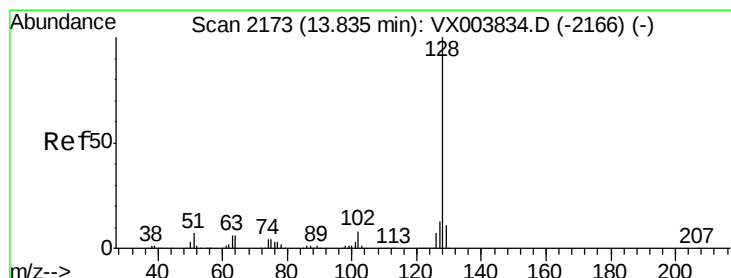
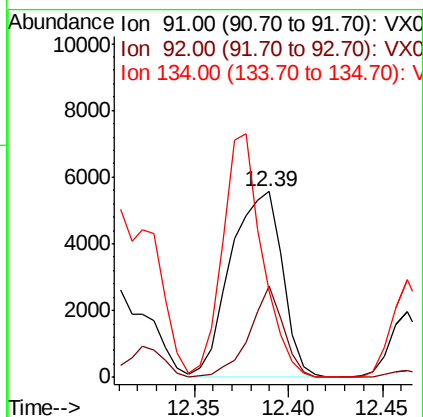
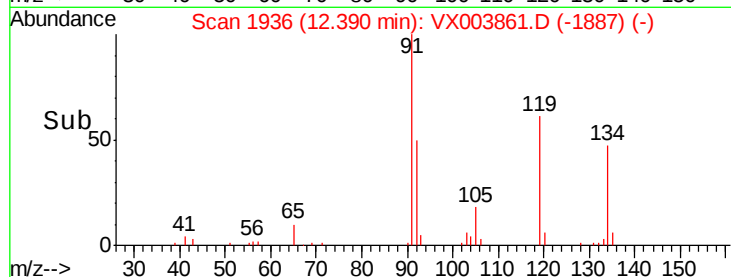
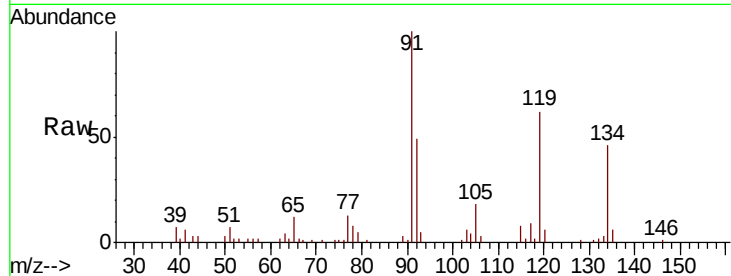
Tot Ion: 91 Resp: 10618

Ion Ratio Lower Upper

91 100

92 32.4 26.3 78.9

134 100.8 13.7 41.0#



#95

Naphthalene

Concen: 0.91 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Tgt Ion: 128 Resp: 4471

Ion Ratio Lower Upper

128 100

127 15.9 10.2 15.4#

129 16.0 8.7 13.1#

