

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003859.D
 Acq On : 03 Aug 2018 20:01
 Operator : JC/MD
 Sample : J4263-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0520

Quant Time: Aug 04 01:11:47 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	82299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	127728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65217	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	48053	44.27	ug/l	0.00
Spiked Amount			Recovery	=	88.54%	
35) Dibromofluoromethane	5.50	113	42648	42.50	ug/l	0.00
Spiked Amount			Recovery	=	85.00%	
50) Toluene-d8	8.72	98	167824	43.64	ug/l	0.00
Spiked Amount			Recovery	=	87.28%	
62) 4-Bromofluorobenzene	11.14	95	59287	42.67	ug/l	0.00
Spiked Amount			Recovery	=	85.34%	

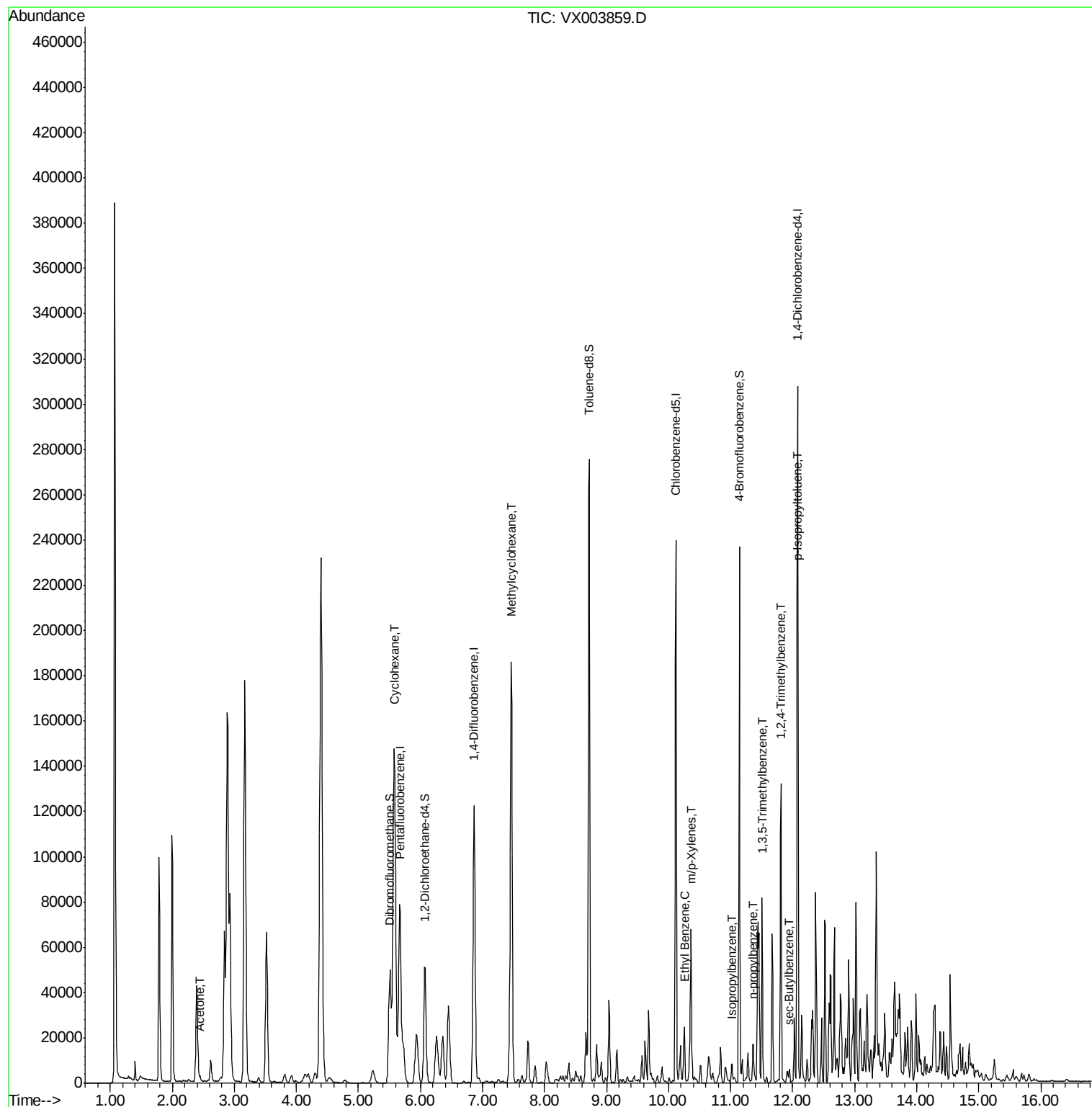
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	2170	3.80	ug/l	94
31) Cyclohexane	5.57	56	105699	76.63	ug/l	91
39) Methylcyclohexane	7.46	83	83955	56.02	ug/l	99
67) Ethyl Benzene	10.26	91	12993	2.96	ug/l	99
68) m/p-Xylenes	10.36	106	13169	7.68	ug/l	100
73) Isopropylbenzene	11.02	105	4606	1.10	ug/l	99
78) n-propylbenzene	11.36	91	9409	1.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	36024	10.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	55995	15.43	ug/l	99
85) sec-Butylbenzene	11.95	105	3090	0.76	ug/l	88
86) p-Isopropyltoluene	12.07	119	7259	1.97	ug/l	96

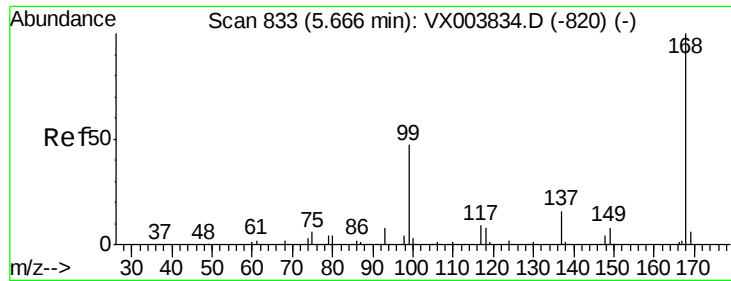
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003859.D
Acq On : 03 Aug 2018 20:01
Operator : JC/MD
Sample : J4263-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Aug 04 01:11:47 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: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

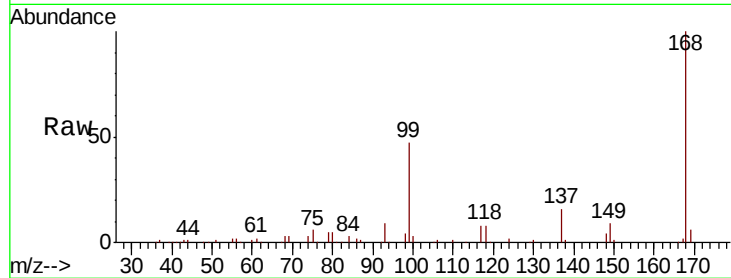
FL-0520

Tot Ion:168 Resp: 82299

Ion Ratio Lower Upper

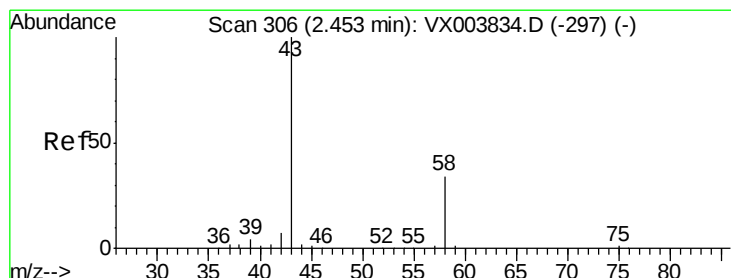
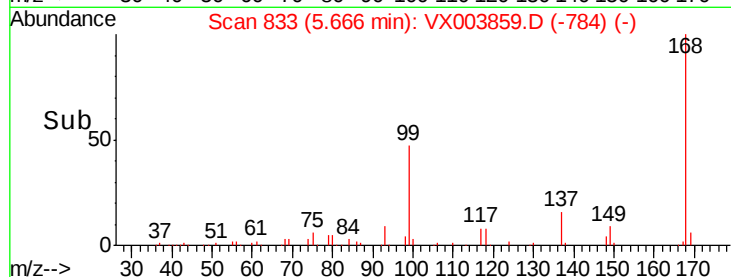
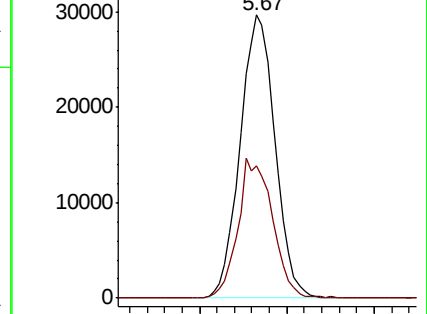
168 100

99 46.7 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: 3.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003859.D

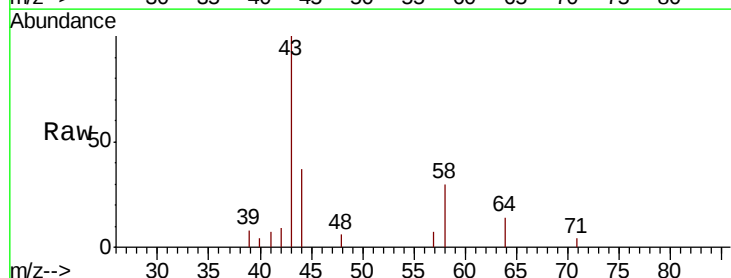
Acq: 03 Aug 2018 20:01

Tgt Ion: 43 Resp: 2170

Ion Ratio Lower Upper

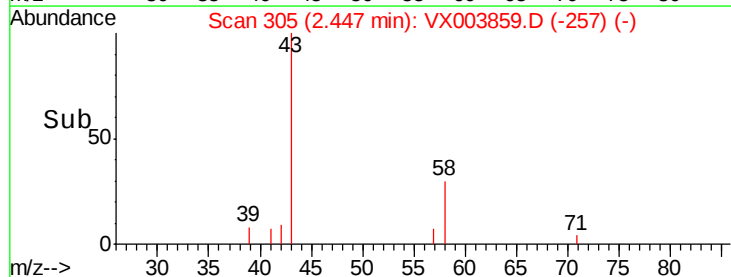
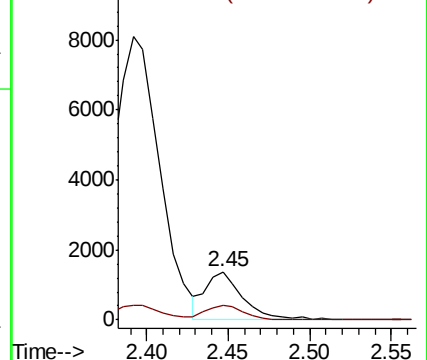
43 100

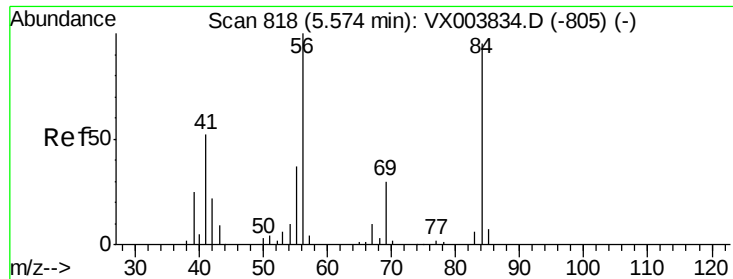
58 30.4 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

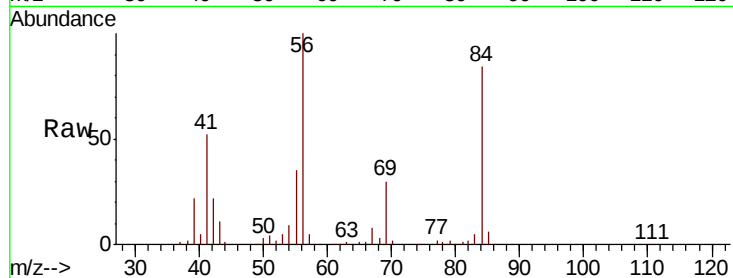




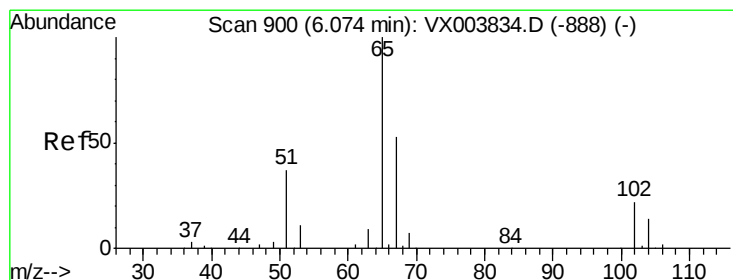
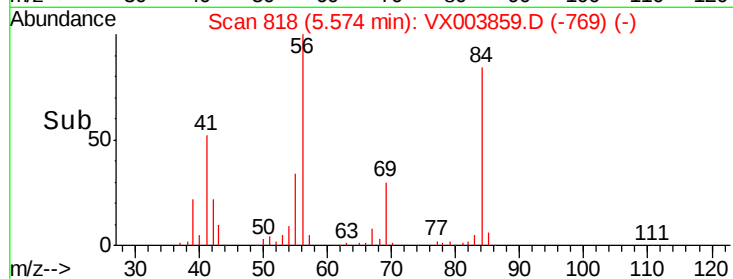
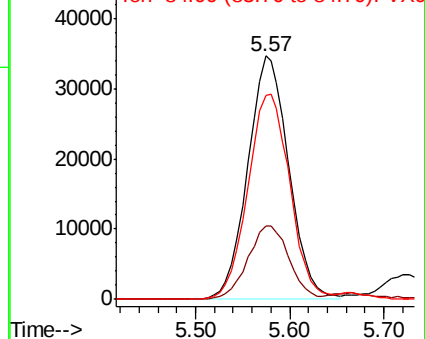
#31
Cyclohexane
Concen: 76.63 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
FL-0520

Tot Ion: 56 Resp: 105699
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 83.6 75.7 113.5

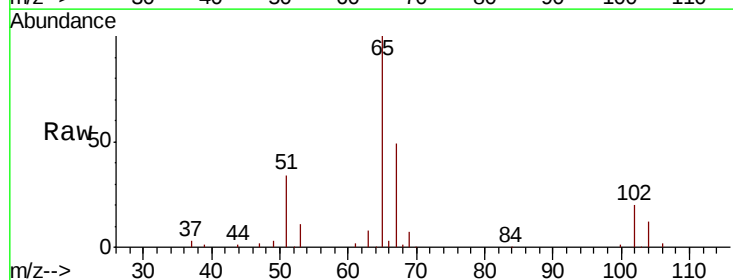


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

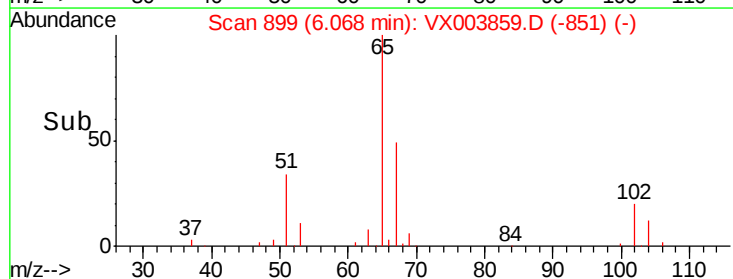
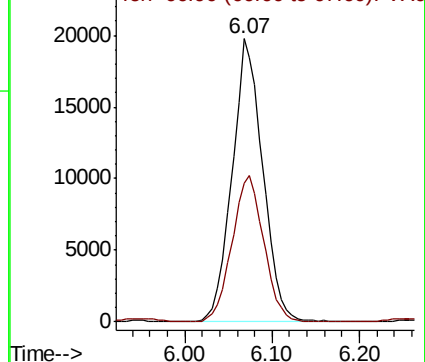


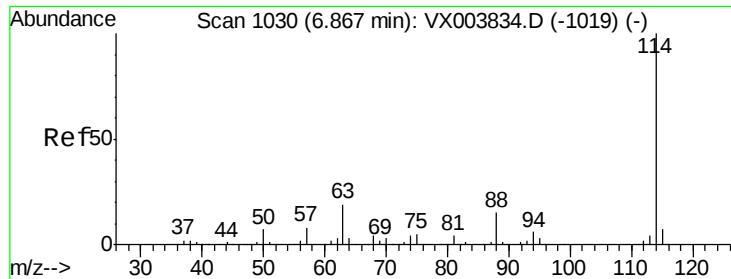
#33
1,2-Dichloroethane-d4
Concen: 44.27 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 65 Resp: 48053
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.2



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0520

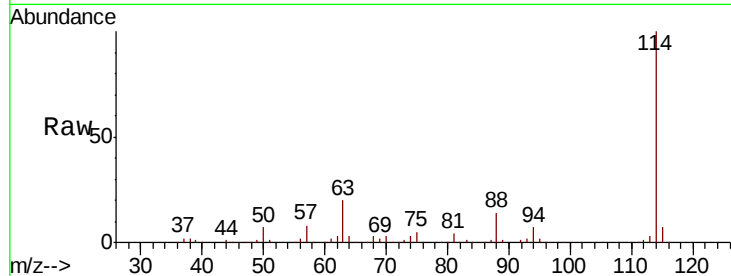
Tot Ion:114 Resp: 127728

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.2

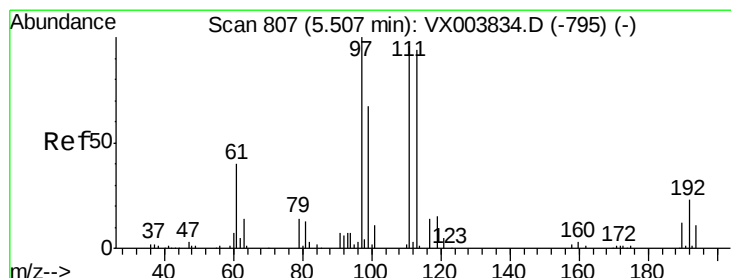
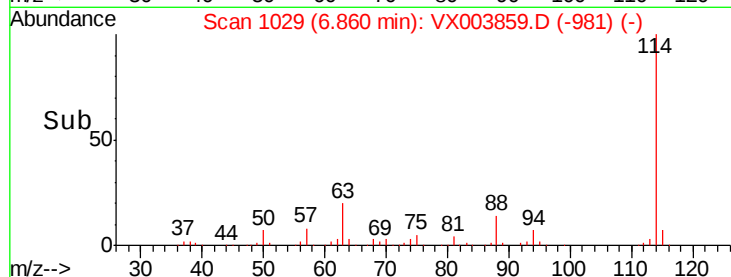
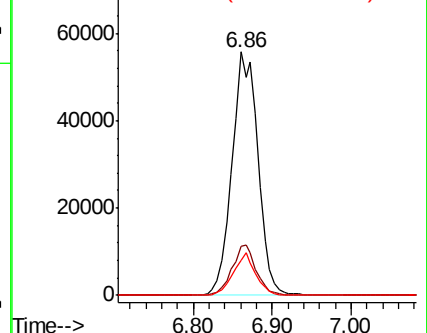
88 14.4 0.0 29.6



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: 42.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

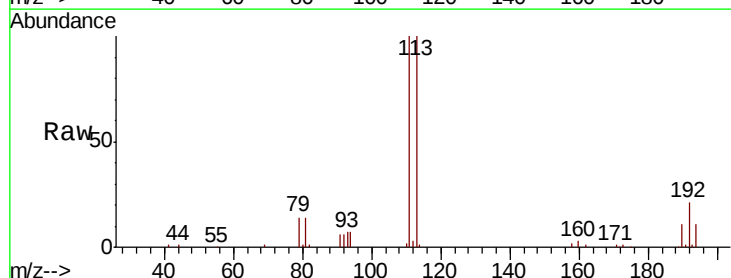
Tgt Ion:113 Resp: 42648

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

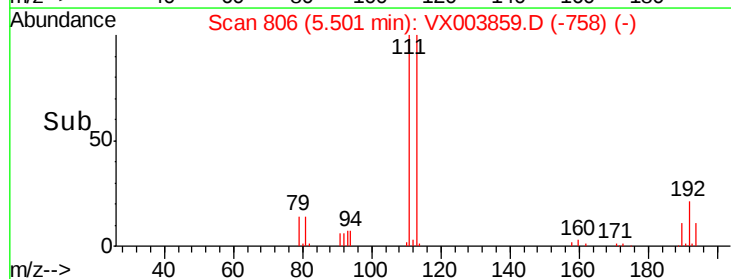
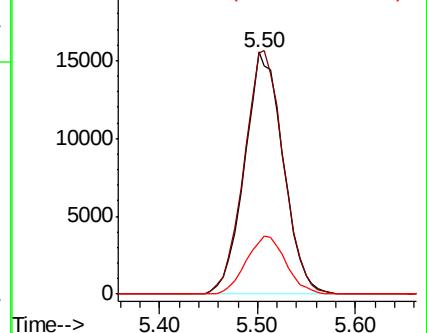
192 24.4 19.7 29.5

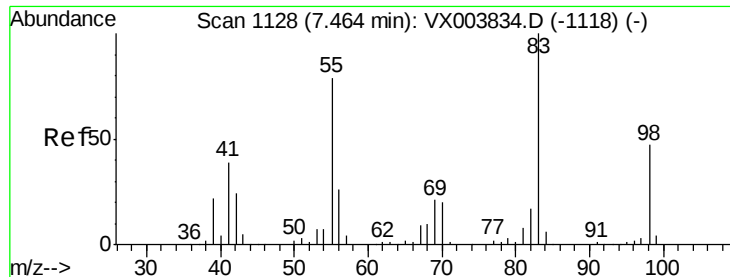


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

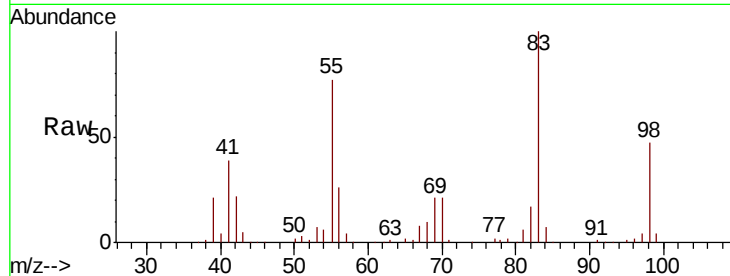




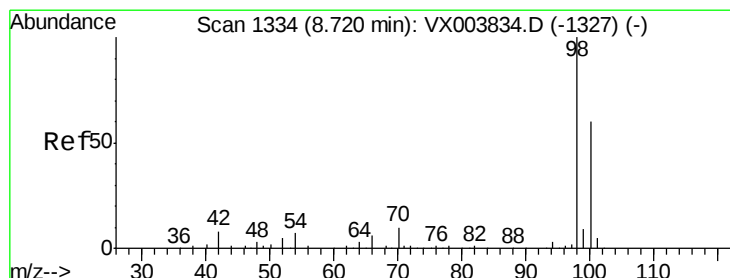
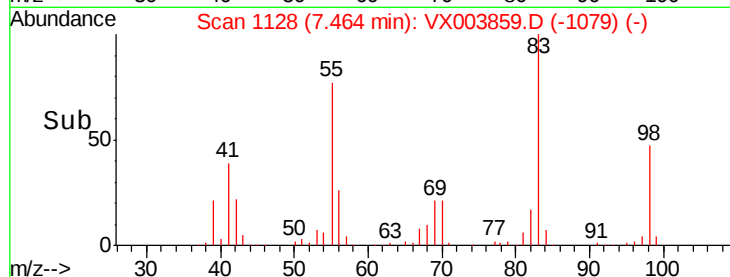
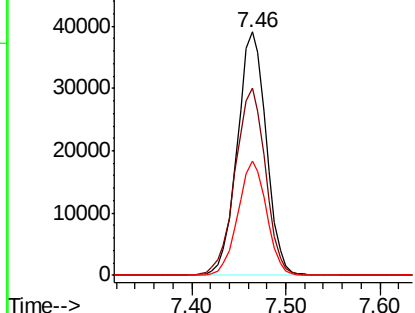
#39
Methvlcvclohexane
Concen: 56.02 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
FL-0520

Tot Ion: 83 Resp: 83955
Ion Ratio Lower Upper
83 100
55 77.1 63.1 94.7
98 47.0 37.5 56.3

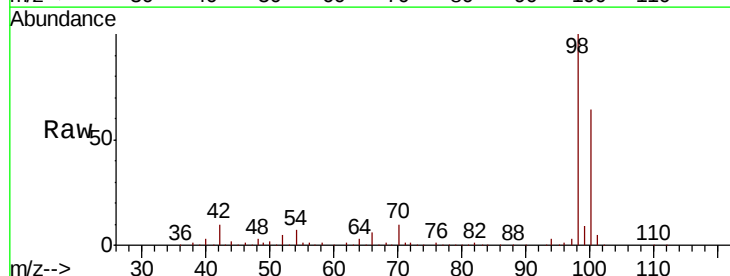


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

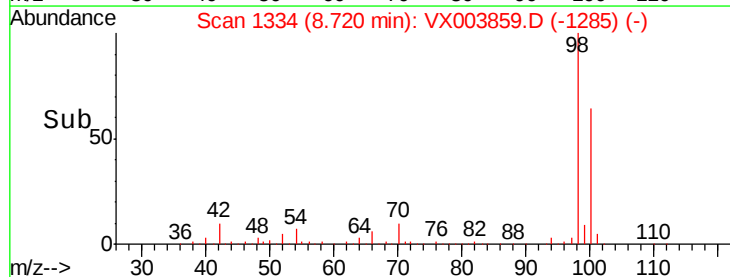
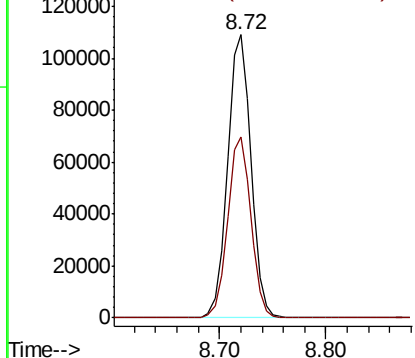


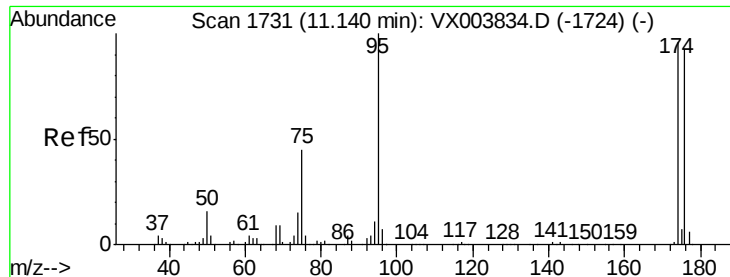
#50
Toluene-d8
Concen: 43.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 98 Resp: 167824
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

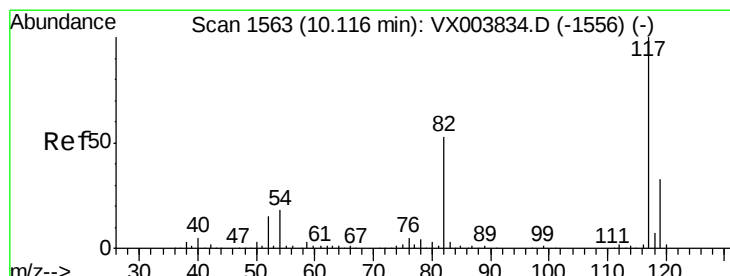
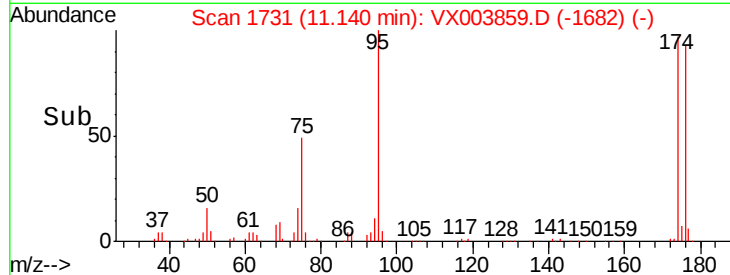
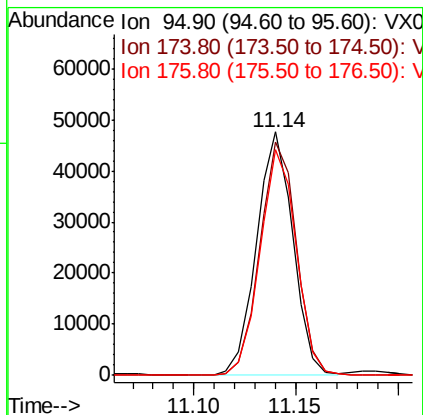
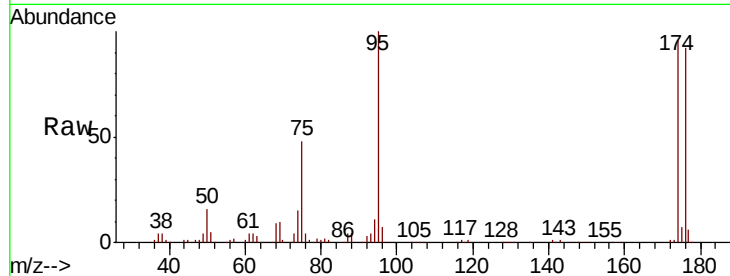




#62
4-Bromofluorobenzene
Concen: 42.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

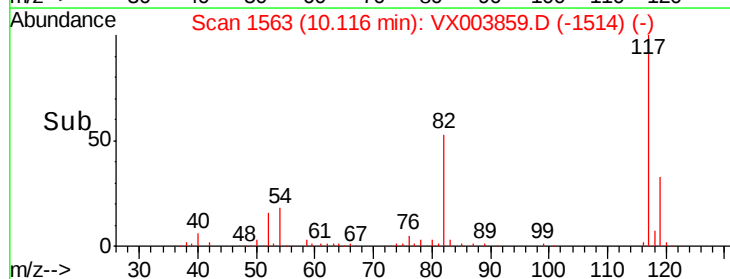
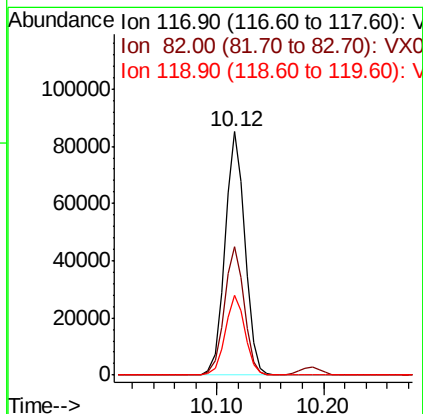
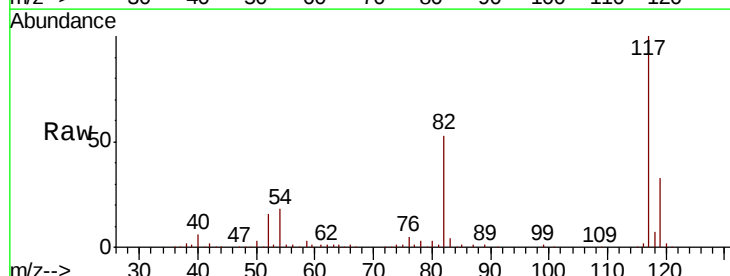
Instrument :
MSVOA_X
ClientSampleId :
FL-0520

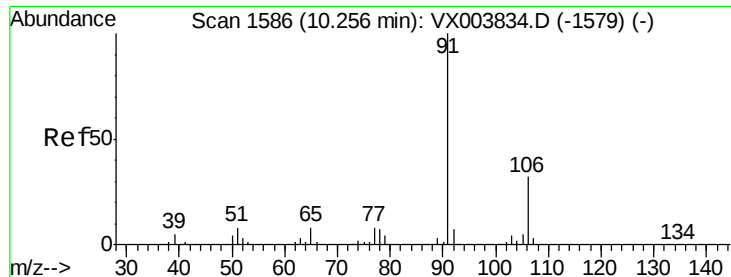
Tot Ion: 95 Resp: 59287
Ion Ratio Lower Upper
95 100
174 96.4 0.0 192.2
176 92.4 0.0 185.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 117 Resp: 111309
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.6 26.2 39.2

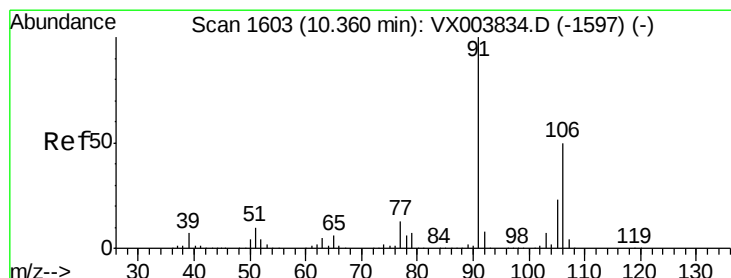
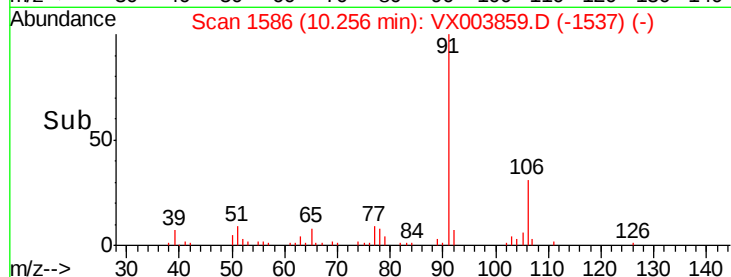
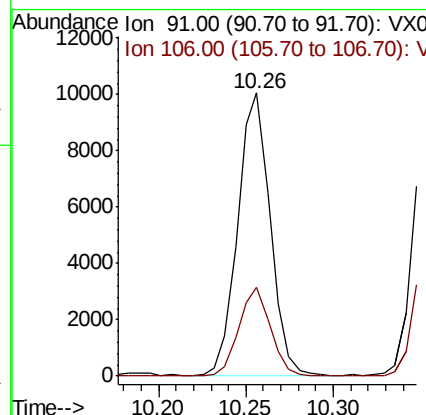
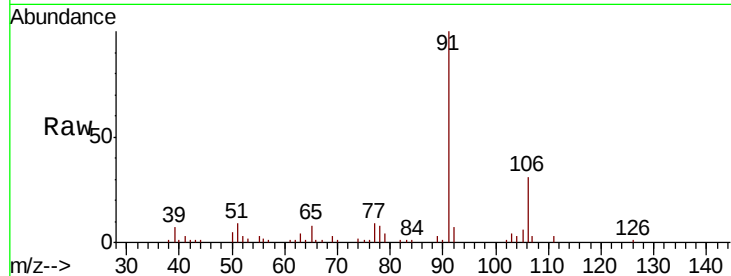




#67
Ethyl Benzene
Concen: 2.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

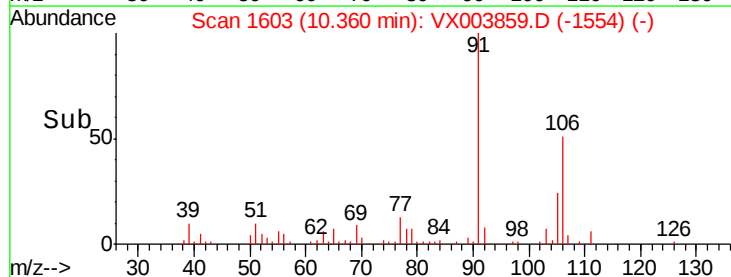
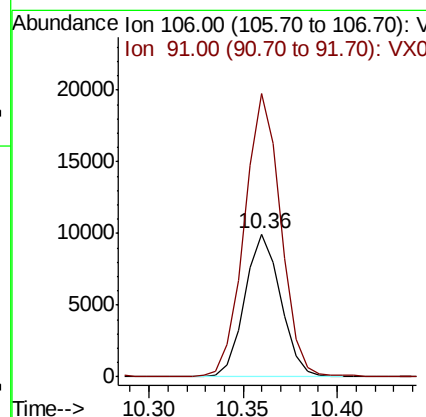
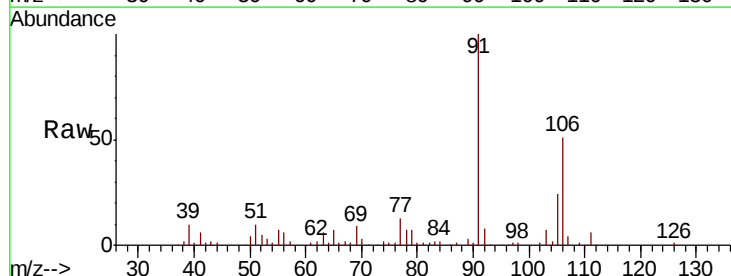
Instrument :
MSVOA_X
ClientSampled :
FL-0520

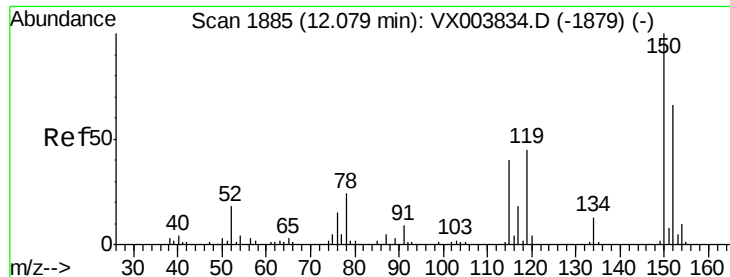
Tot Ion: 91 Resp: 12993
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 7.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 106 Resp: 13169
Ion Ratio Lower Upper
106 100
91 201.5 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

FL-0520

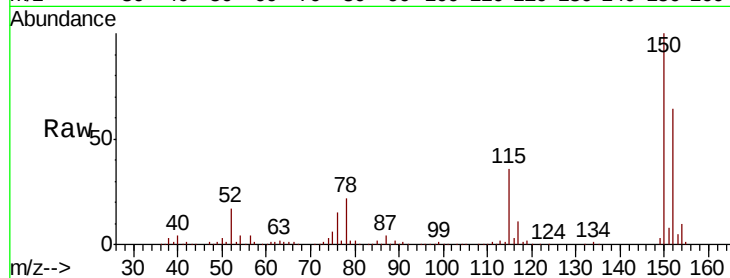
Tot Ion:152 Resp: 65217

Ion Ratio Lower Upper

152 100

115 54.4 37.4 112.1

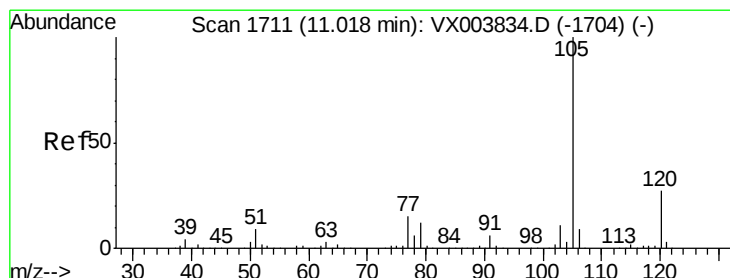
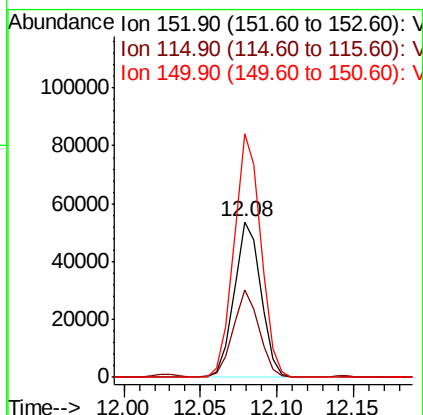
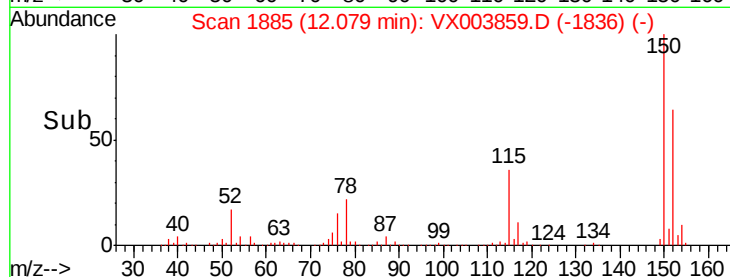
150 156.2 0.0 346.6



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: 1.10 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003859.D

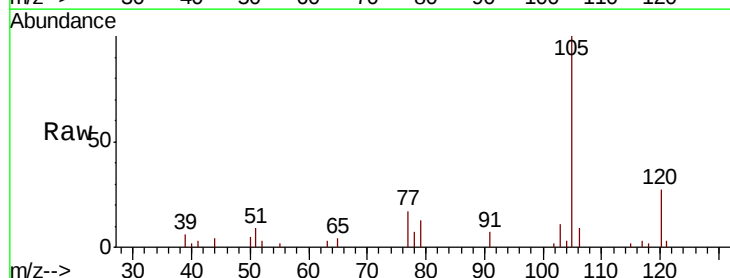
Acq: 03 Aug 2018 20:01

Tgt Ion:105 Resp: 4606

Ion Ratio Lower Upper

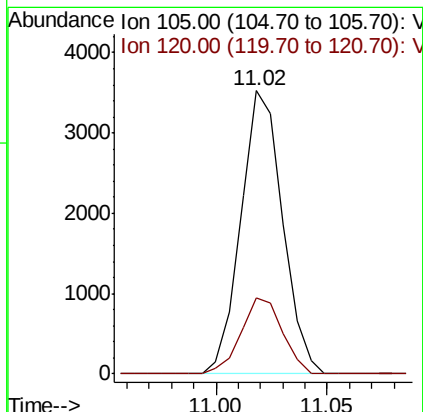
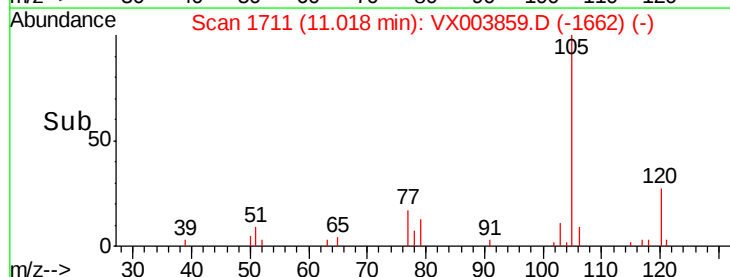
105 100

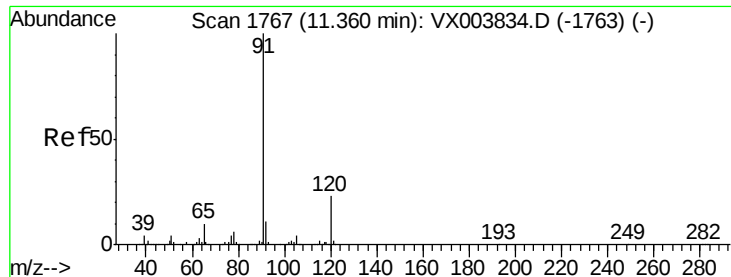
120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.99 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

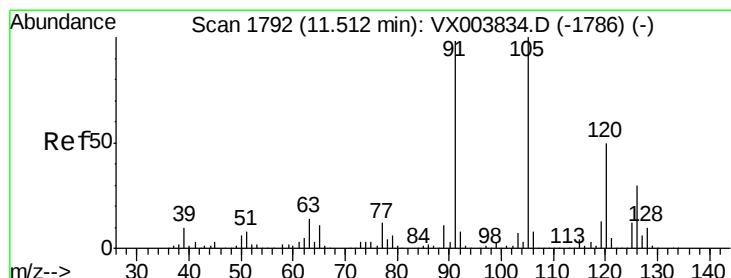
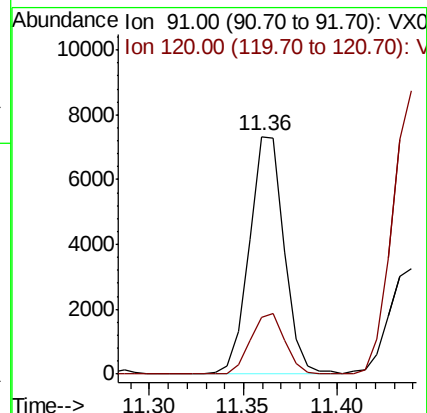
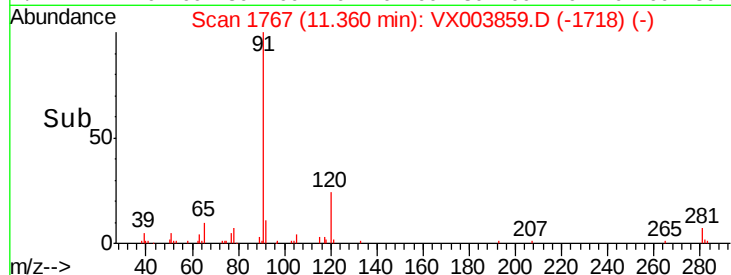
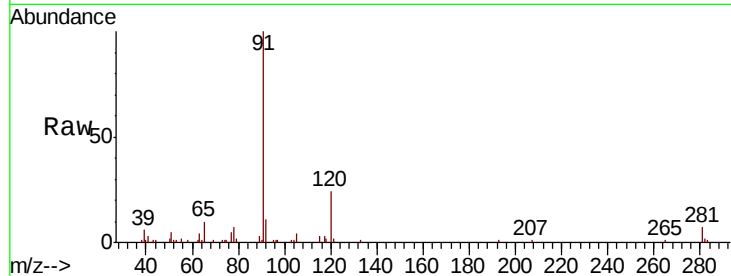
FL-0520

Tot Ion: 91 Resp: 9409

Ion Ratio Lower Upper

91 100

120 24.8 12.1 36.3



#80

1,3,5-Trimethylbenzene

Concen: 10.27 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003859.D

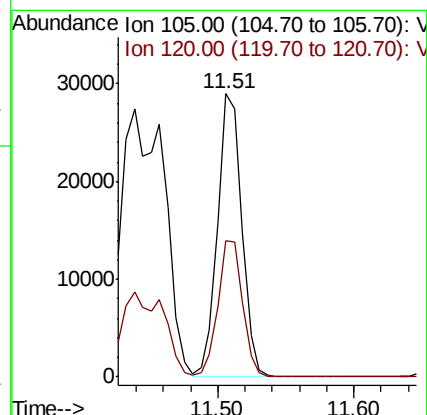
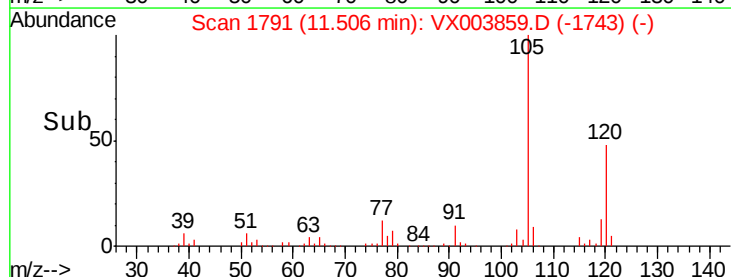
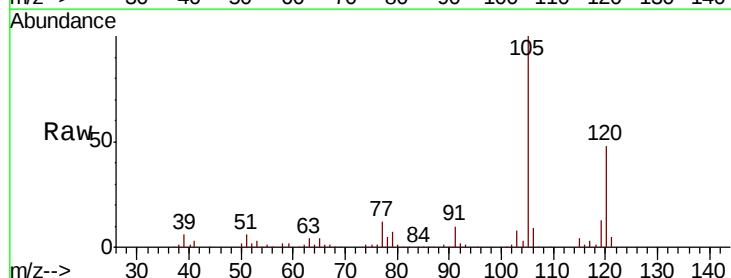
Acq: 03 Aug 2018 20:01

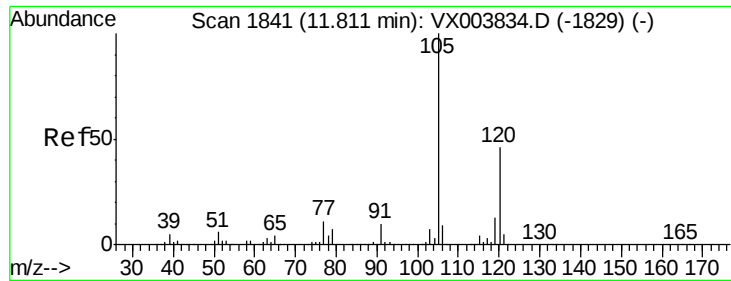
Tgt Ion: 105 Resp: 36024

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4





#84

1,2,4-Trimethylbenzene

Concen: 15.43 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

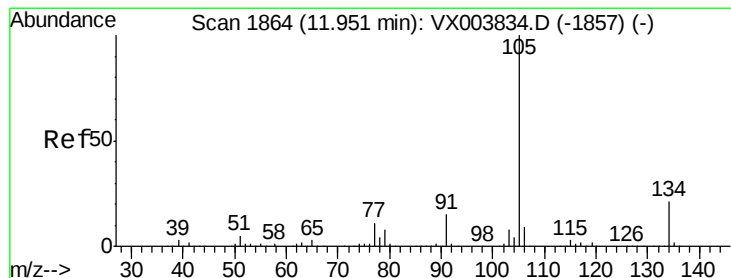
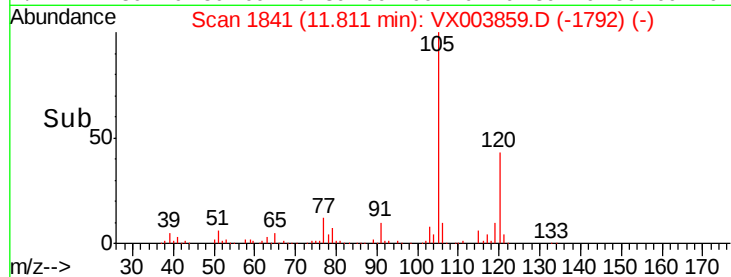
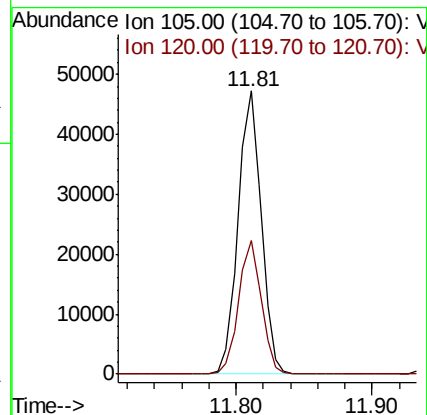
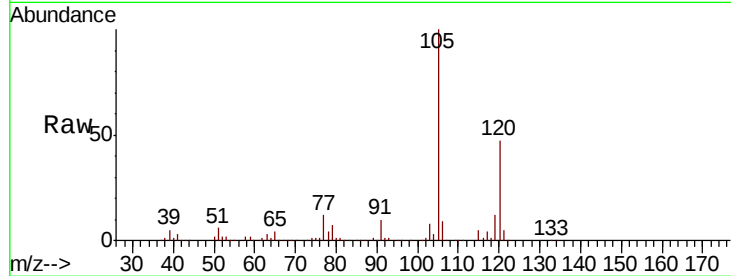
FL-0520

Tot Ion:105 Resp: 55995

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.5



#85

sec-Butylbenzene

Concen: 0.76 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003859.D

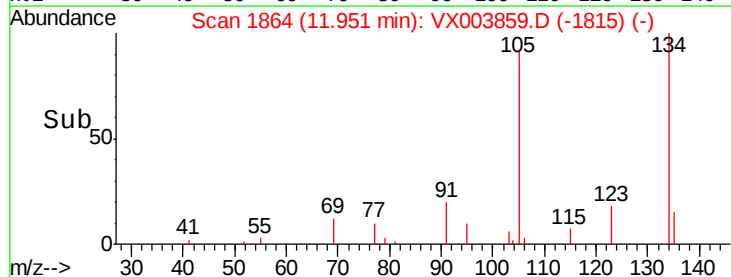
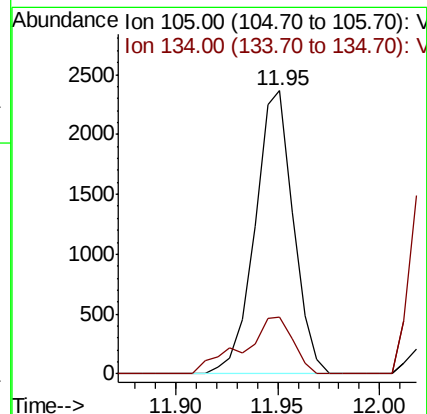
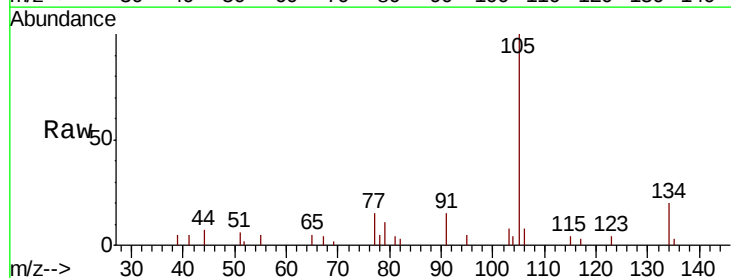
Acq: 03 Aug 2018 20:01

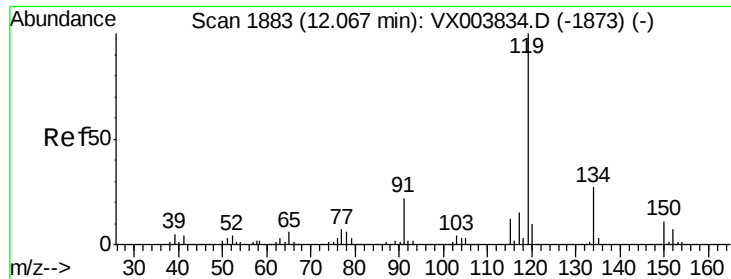
Tgt Ion:105 Resp: 3090

Ion Ratio Lower Upper

105 100

134 26.3 10.4 31.4





#86
 p-Isopropyltoluene
 Concen: 1.97 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0520

Tot Ion:	119	Resp:	7259
Ion Ratio	Lower	Upper	
119	100		
134	27.9	13.4	40.2
91	25.2	11.1	33.1

