

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003882.D
 Acq On : 07 Aug 2018 15:39
 Operator : JC/MD
 Sample : J4344-11DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0530DL

Quant Time: Aug 08 02:02:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	296727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231529	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	195438	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
35) Dibromofluoromethane	5.50	113	162871	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	8.72	98	638904	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	233138	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	

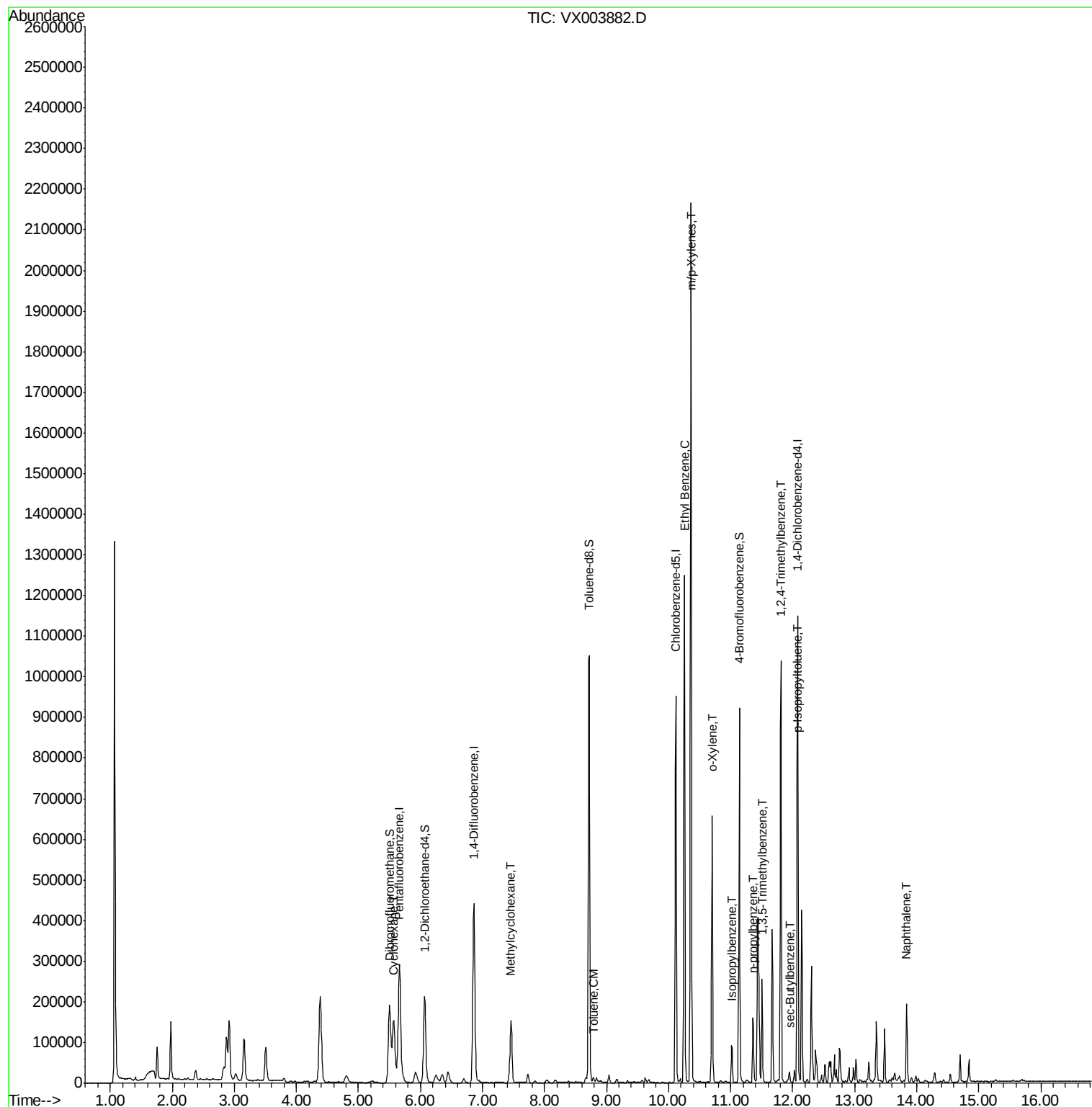
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	101976	17.99	ug/l	98
39) Methylcyclohexane	7.46	83	64893	10.93	ug/l	97
52) Toluene	8.79	92	4156	0.43	ug/l	99
67) Ethyl Benzene	10.26	91	724462	39.67	ug/l	98
68) m/p-Xylenes	10.36	106	515641	72.27	ug/l	95
69) o-Xylene	10.70	106	141149	20.96	ug/l	97
73) Isopropylbenzene	11.02	105	46652	2.72	ug/l	96
78) n-propylbenzene	11.36	91	94468	4.91	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	108691	7.78	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	439465	31.29	ug/l	100
85) sec-Butylbenzene	11.95	105	13381	0.83	ug/l	80
86) p-Isopropyltoluene	12.07	119	9705	0.67	ug/l	91
95) Naphthalene	13.83	128	121732	7.06	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

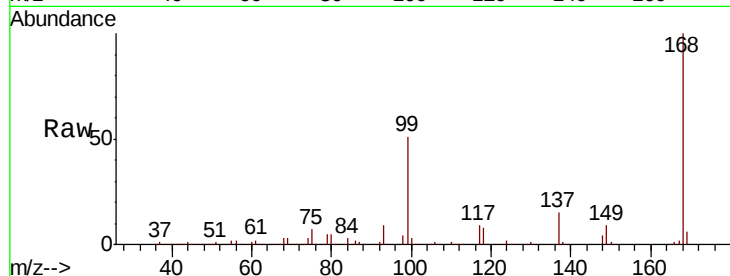
FL-0530DL

Tot Ion:168 Resp: 296727

Ion Ratio Lower Upper

168 100

99 50.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

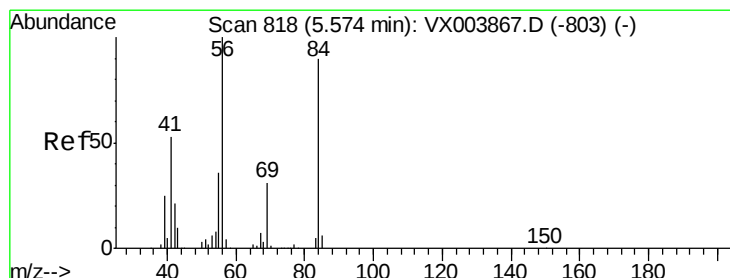
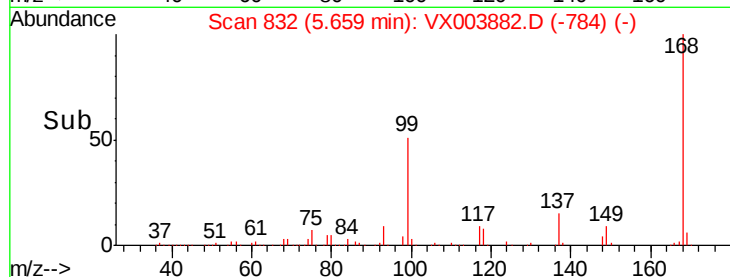
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 17.99 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

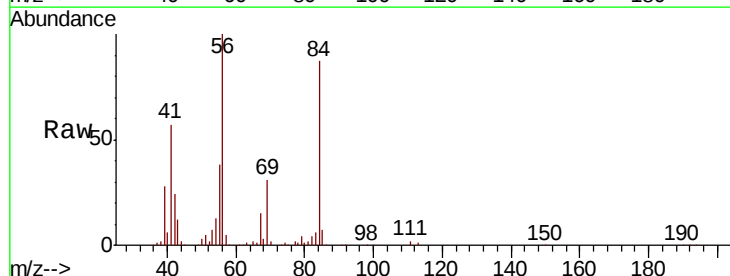
Tgt Ion: 56 Resp: 101976

Ion Ratio Lower Upper

56 100

69 30.4 24.9 37.3

84 87.3 71.7 107.5



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

40000

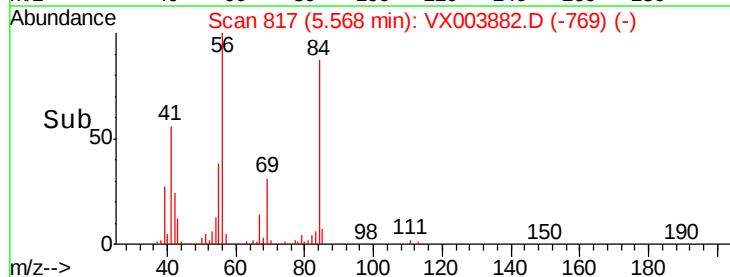
30000

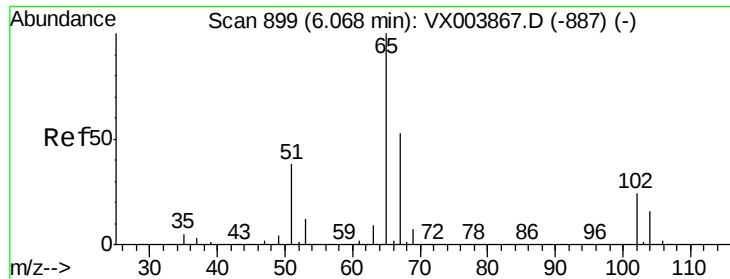
20000

10000

0

Time--> 5.50 5.60

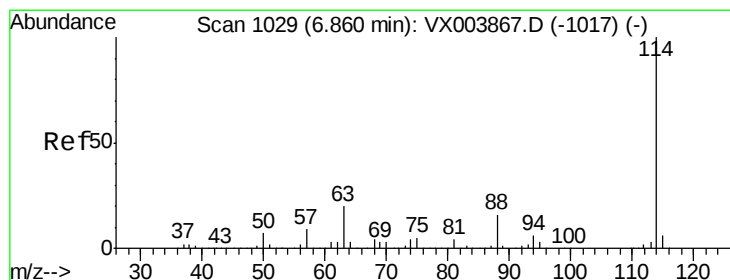
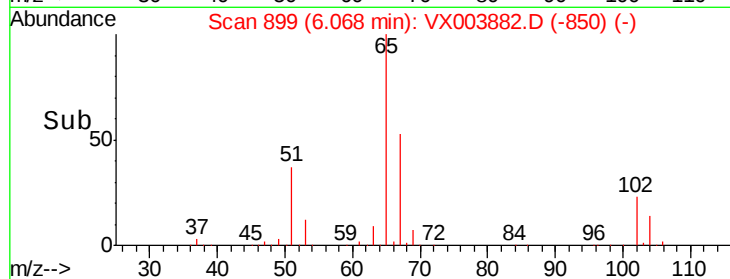
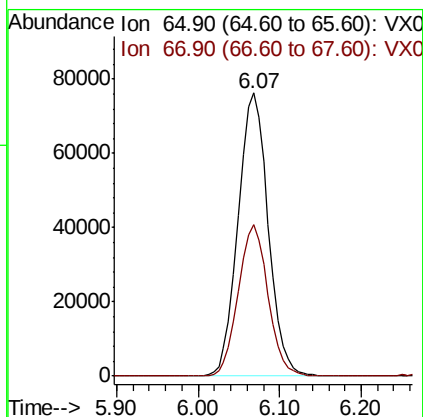
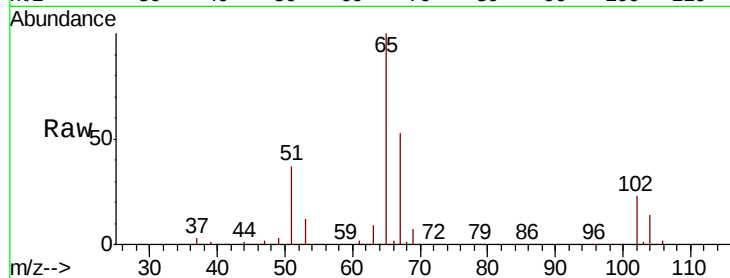




#33
 1,2-Dichloroethane-d4
 Concen: 49.69 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

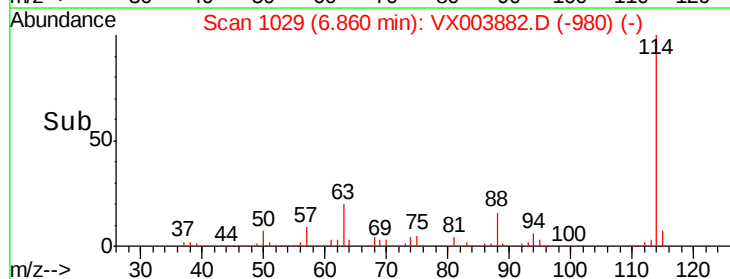
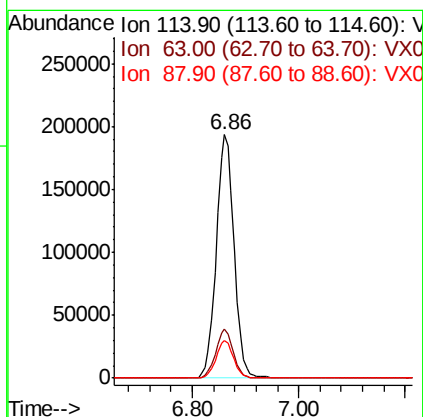
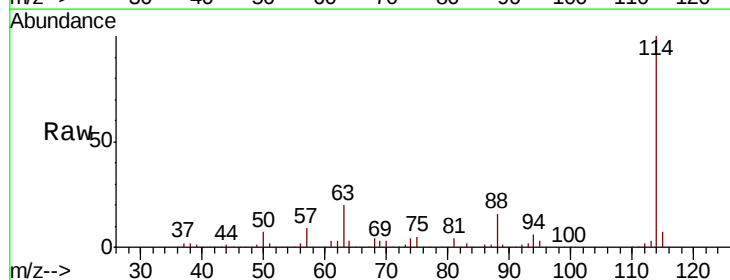
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0530DL

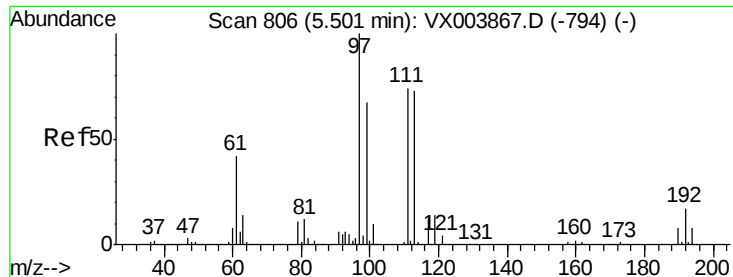
Tot Ion: 65 Resp: 195438
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Tgt Ion: 114 Resp: 449642
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.5 0.0 32.0

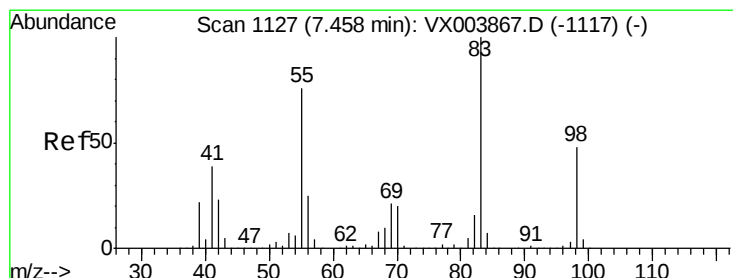
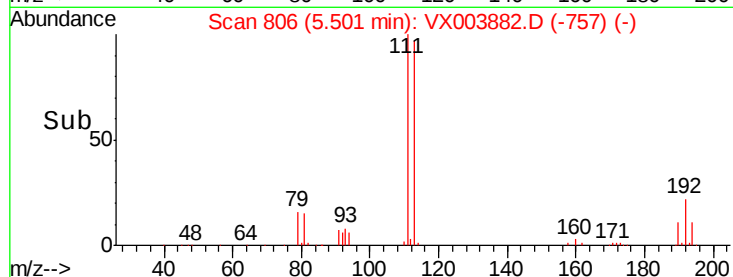
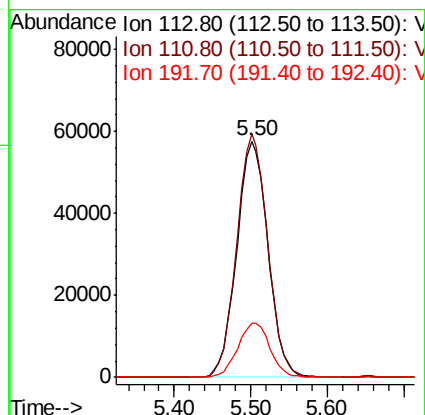
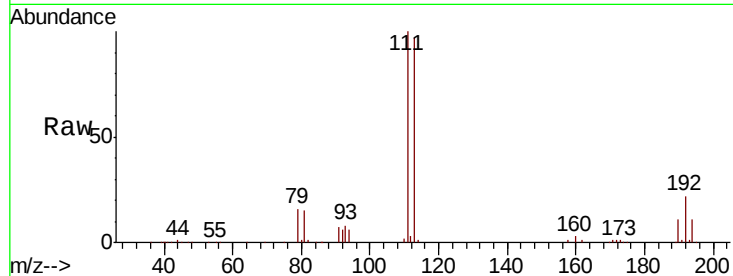




#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

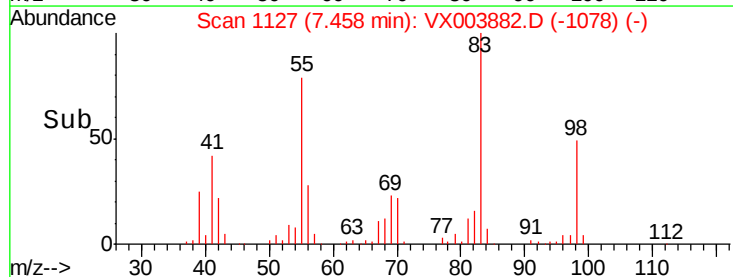
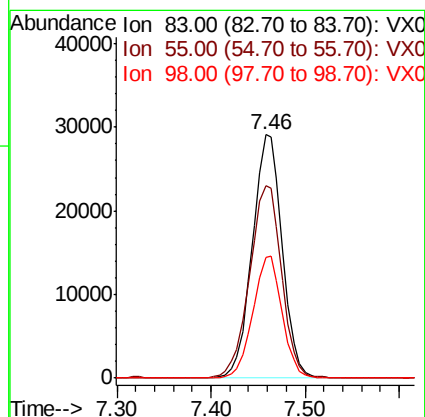
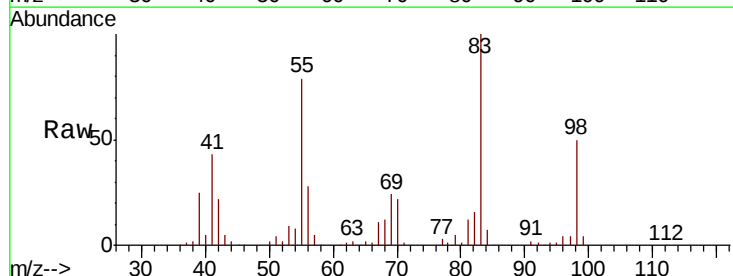
Instrument :
MSVOA_X
ClientSampleId :
FL-0530DL

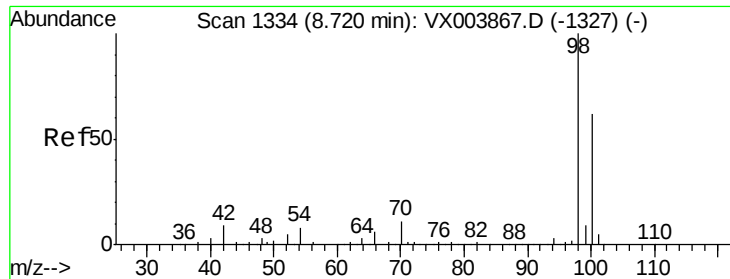
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.7	19.0	28.4



#39
Methylcyclohexane
Concen: 10.93 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.0	91.6
98	49.7	38.6	57.8





#50

Toluene-d8

Concen: 48.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

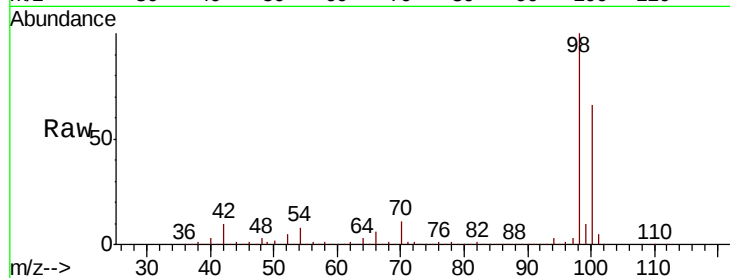
FL-0530DL

Tot Ion: 98 Resp: 638904

Ion Ratio Lower Upper

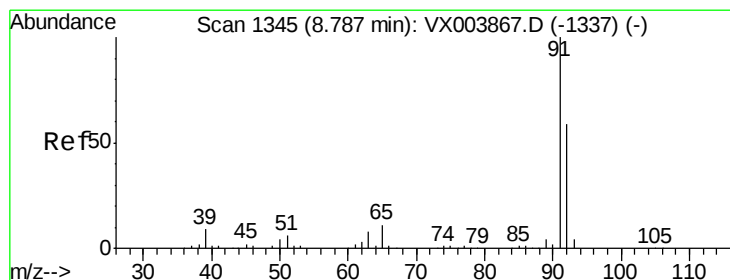
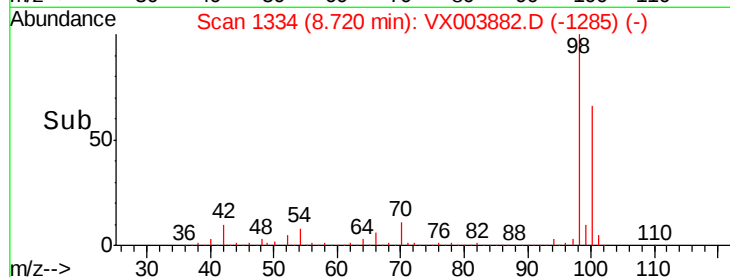
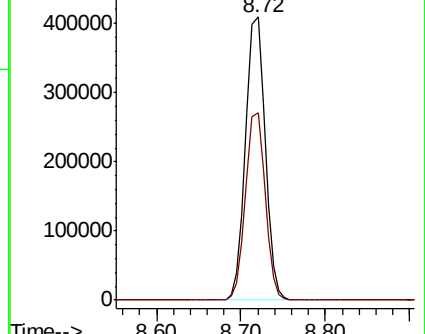
98 100

100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003882.D

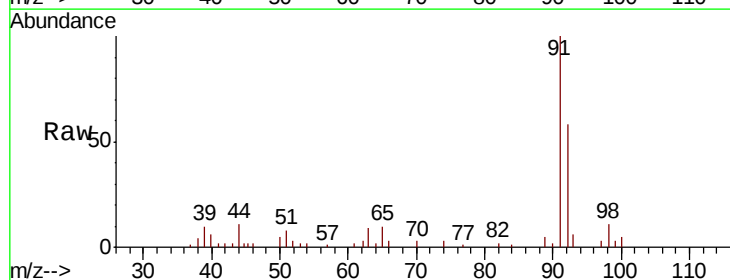
Acq: 07 Aug 2018 15:39

Tgt Ion: 92 Resp: 4156

Ion Ratio Lower Upper

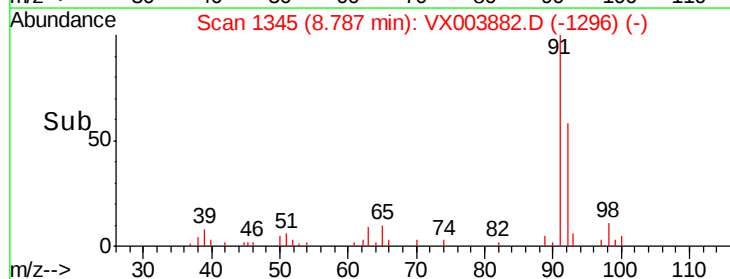
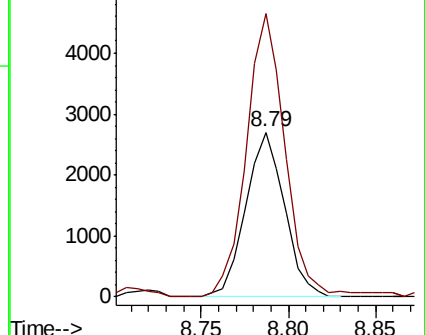
92 100

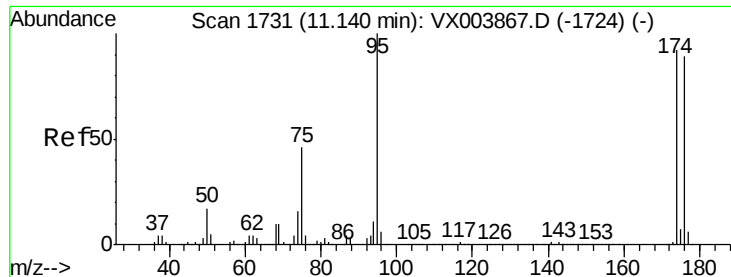
91 171.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

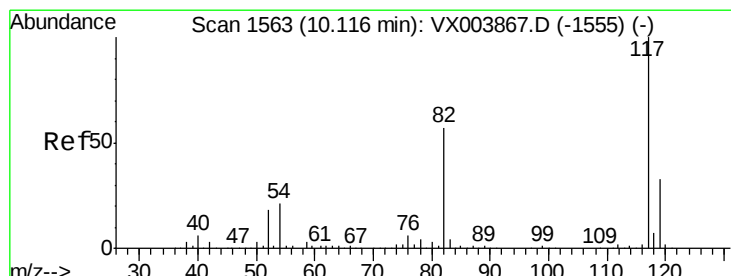
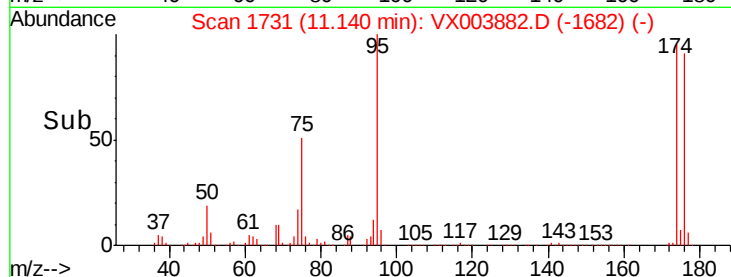
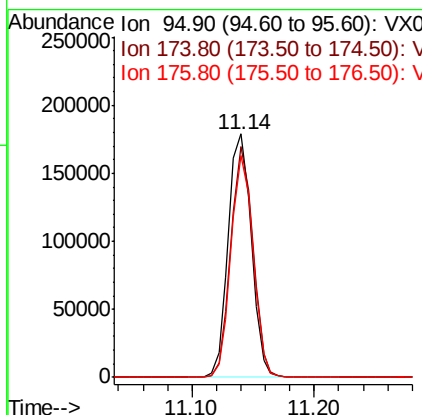
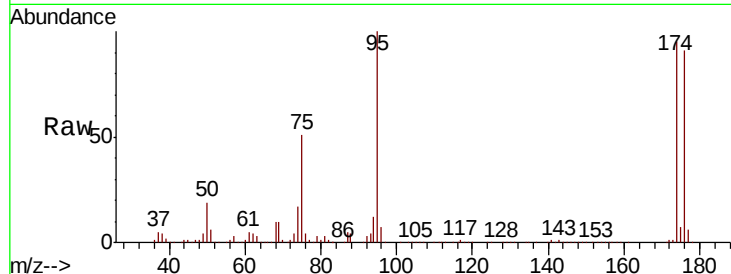




#62
4-Bromofluorobenzene
Concen: 54.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

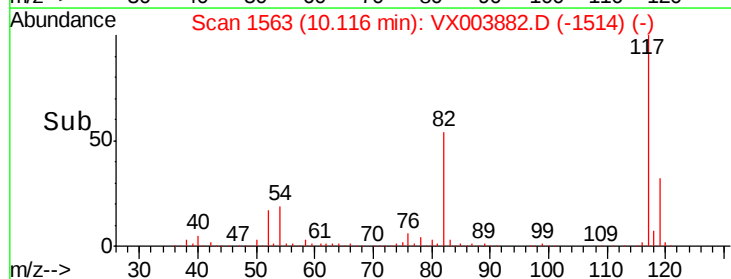
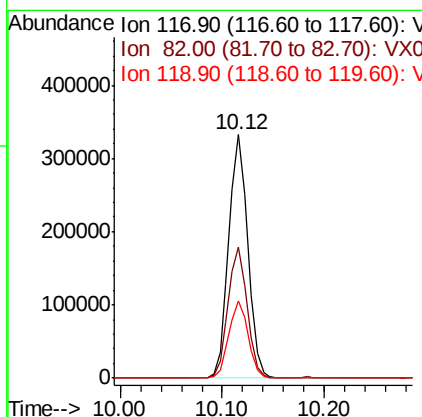
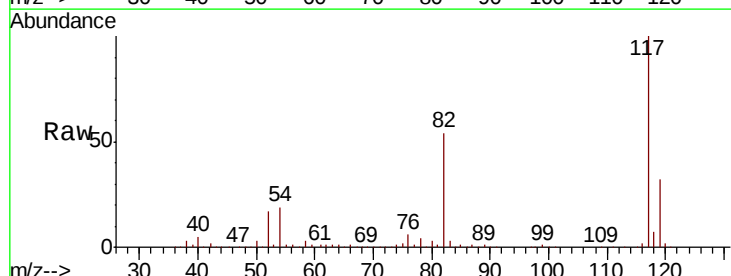
Instrument :
MSVOA_X
ClientSampleId :
FL-0530DL

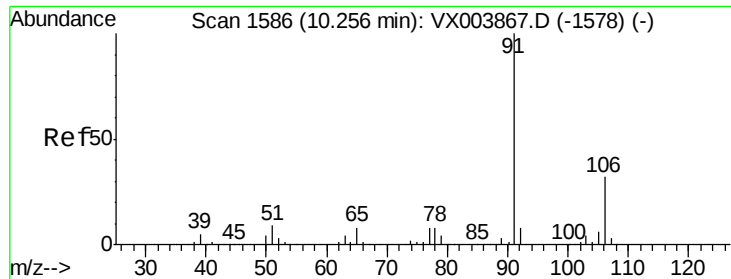
Tot Ion	95	Resp	233138
Ion Ratio	Lower	Upper	
95	100		
174	91.5	0.0	182.8
176	87.5	0.0	179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Tgt Ion	117	Resp	428712
Ion Ratio	Lower	Upper	
117	100		
82	53.6	45.4	68.0
119	31.9	26.6	40.0





#67

Ethyl Benzene

Concen: 39.67 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

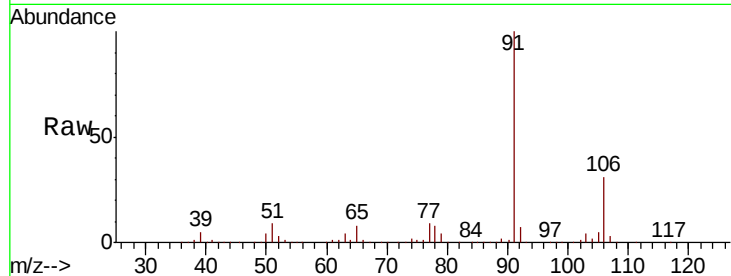
FL-0530DL

Tot Ion: 91 Resp: 724462

Ion Ratio Lower Upper

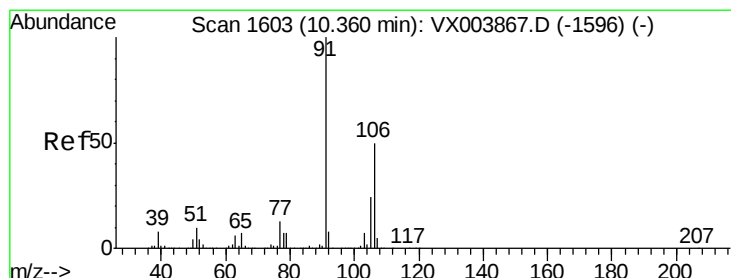
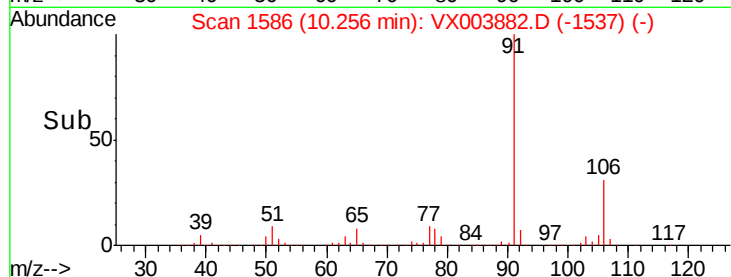
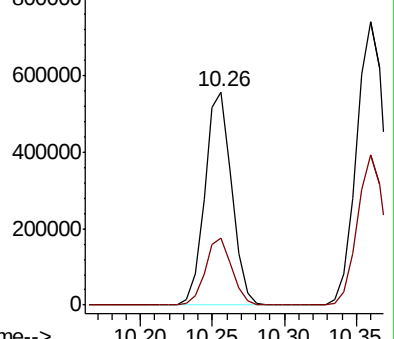
91 100

106 31.5 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: 72.27 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003882.D

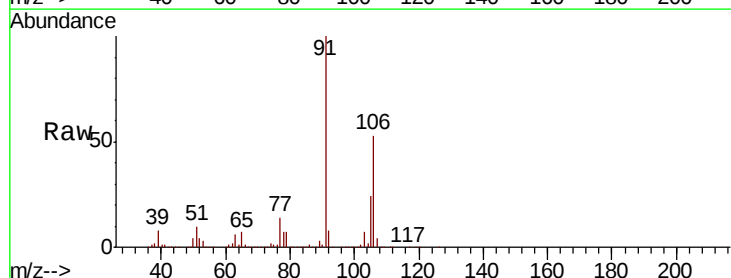
Acq: 07 Aug 2018 15:39

Tgt Ion:106 Resp: 515641

Ion Ratio Lower Upper

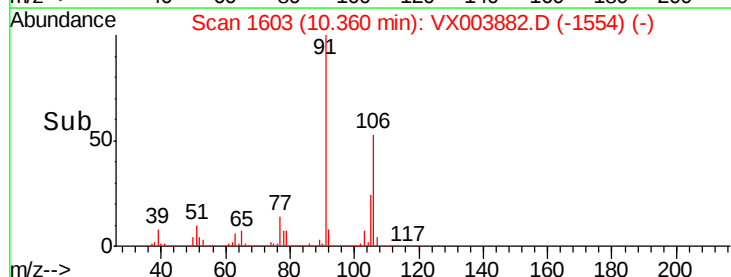
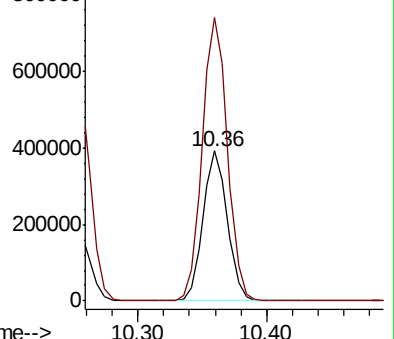
106 100

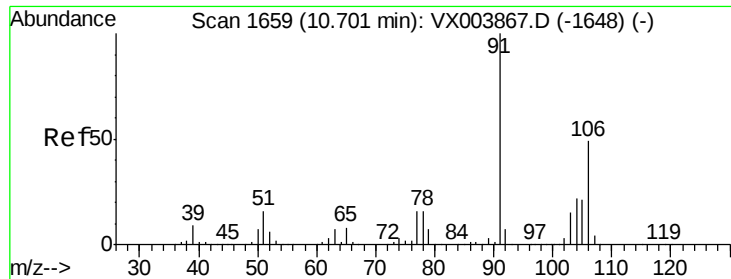
91 195.9 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

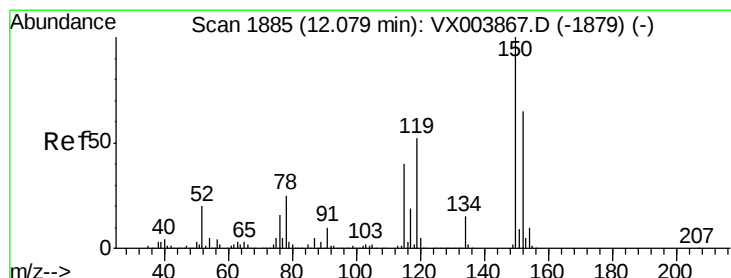
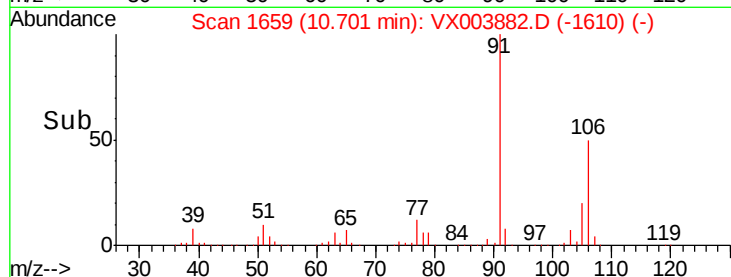
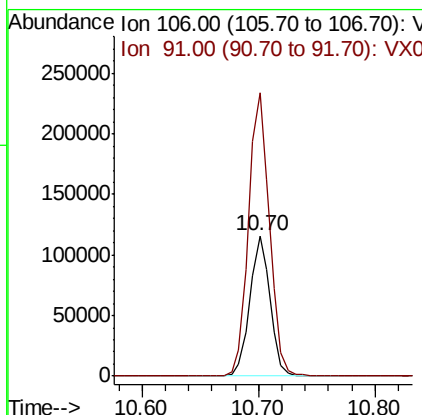
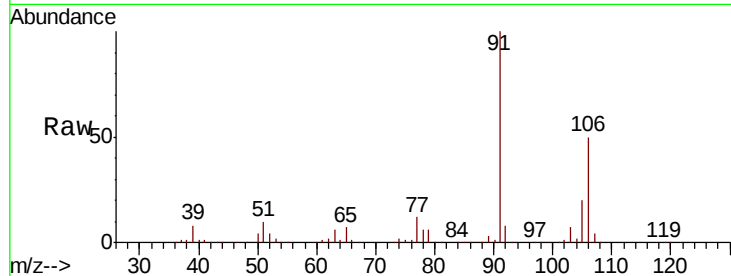




#69
o-Xylene
Concen: 20.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

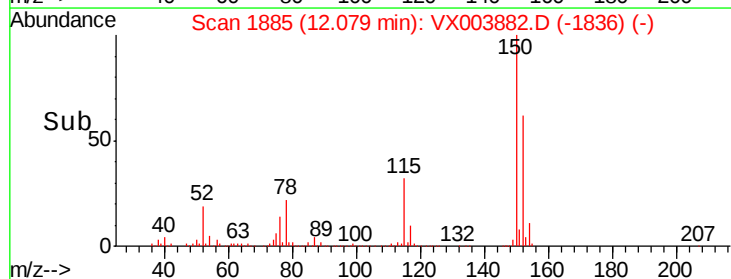
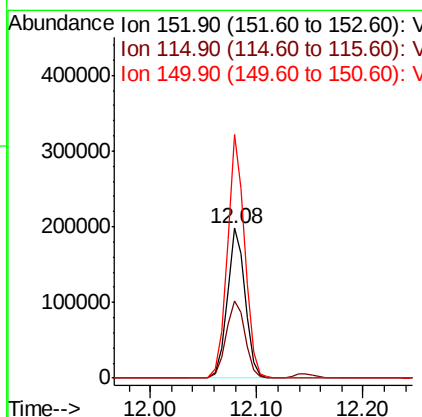
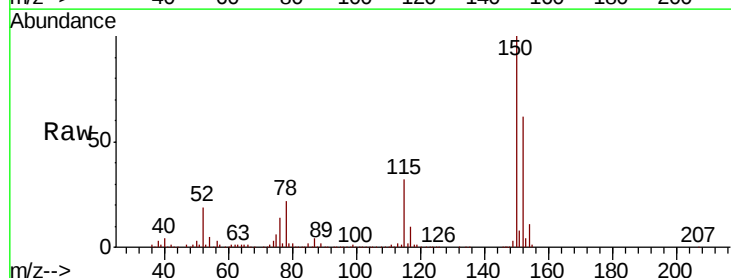
Instrument :
MSVOA_X
ClientSampled :
FL-0530DL

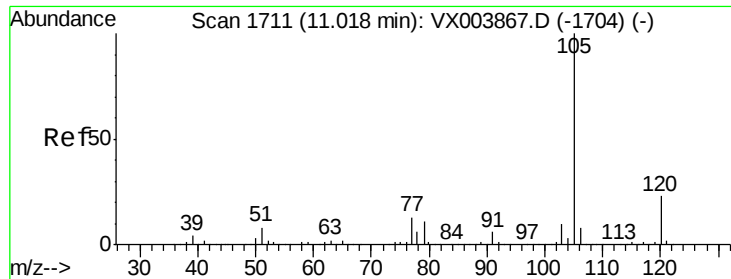
Tot Ion:106 Resp: 141149
Ion Ratio Lower Upper
106 100
91 208.2 101.9 305.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Tgt Ion:152 Resp: 231529
Ion Ratio Lower Upper
152 100
115 55.2 39.1 117.3
150 157.7 0.0 349.2





#73

Isopropylbenzene

Concen: 2.72 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleID :

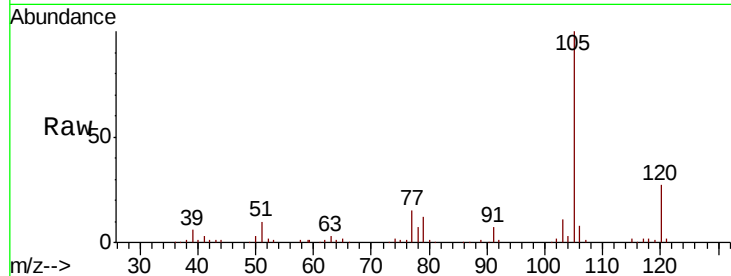
FL-0530DL

Tot Ion:105 Resp: 46652

Ion Ratio Lower Upper

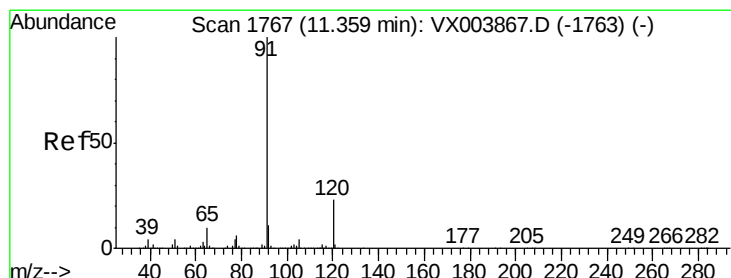
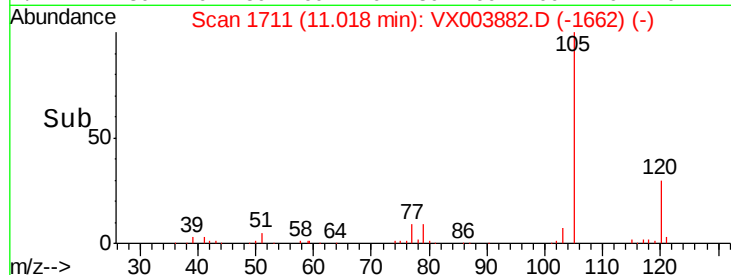
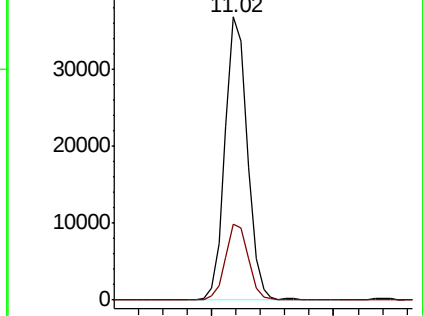
105 100

120 27.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 4.91 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003882.D

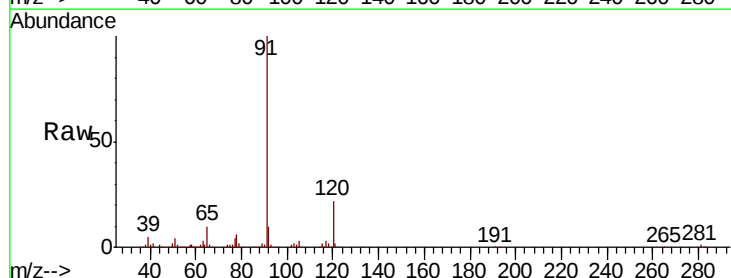
Acq: 07 Aug 2018 15:39

Tgt Ion: 91 Resp: 94468

Ion Ratio Lower Upper

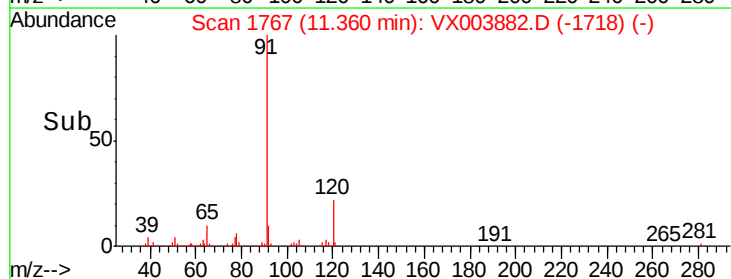
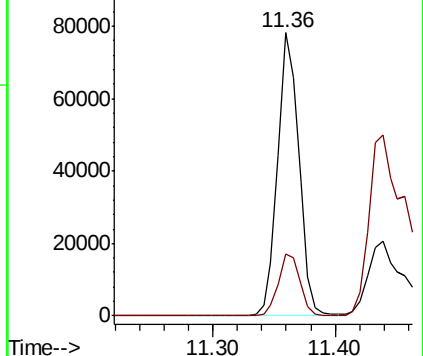
91 100

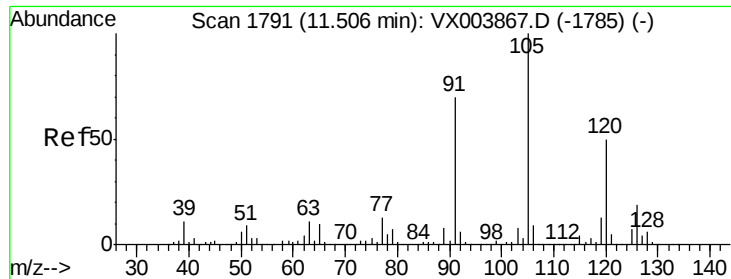
120 22.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

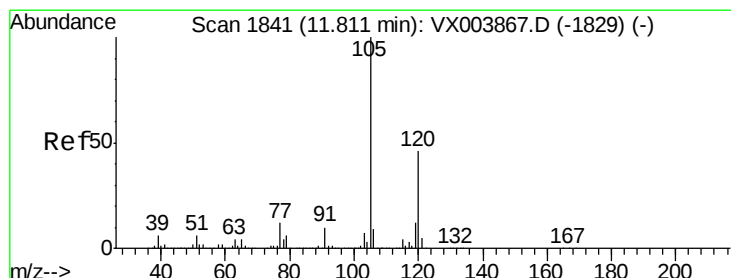
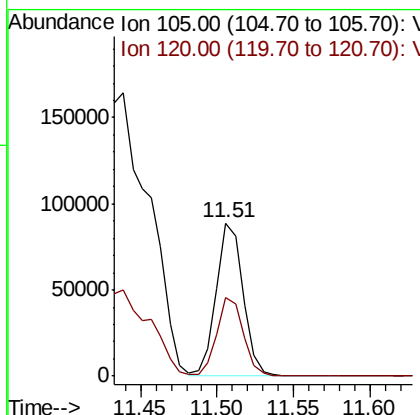
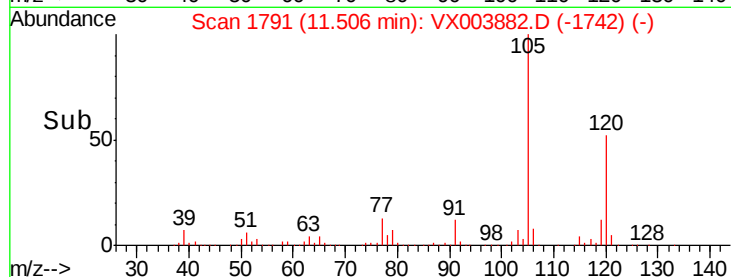
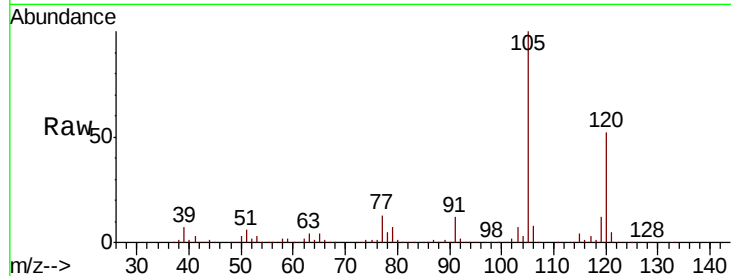




#80
 1,3,5-Trimethylbenzene
 Concen: 7.78 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

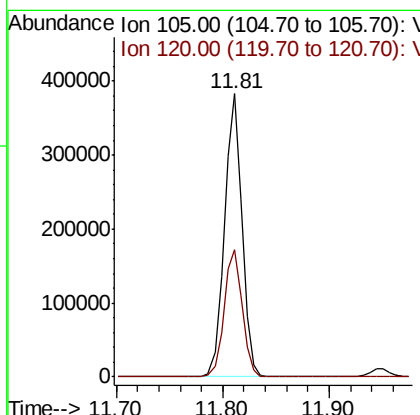
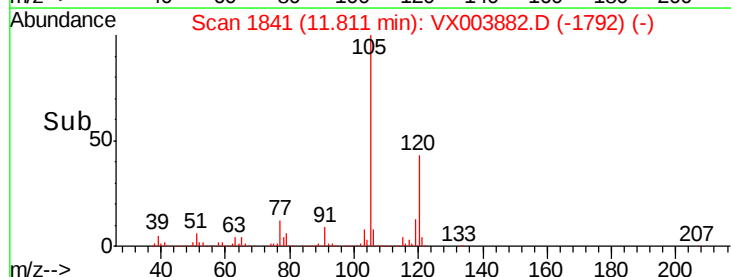
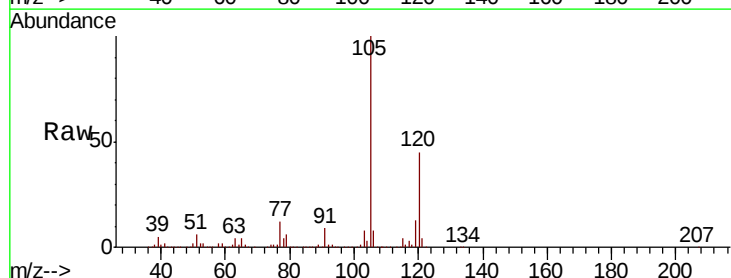
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0530DL

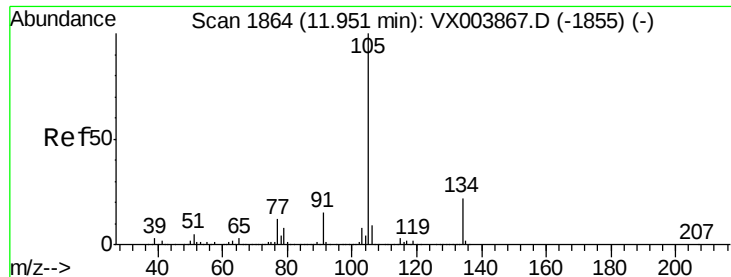
Tot Ion:105 Resp: 108691
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.4 76.2



#84
 1,2,4-Trimethylbenzene
 Concen: 31.29 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Tgt Ion:105 Resp: 439465
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2

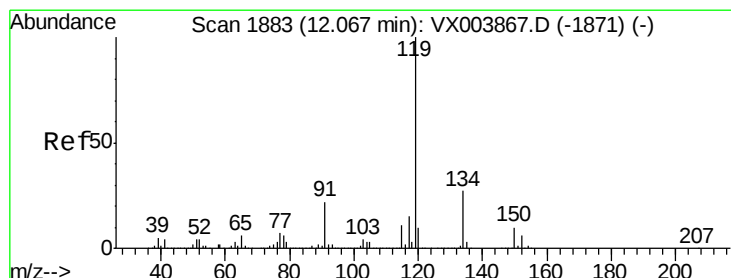
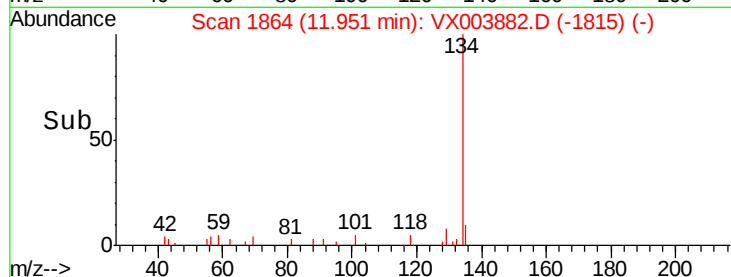
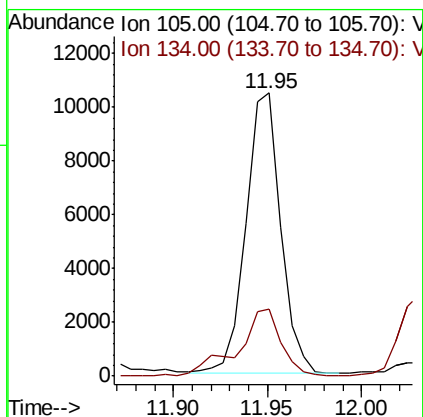
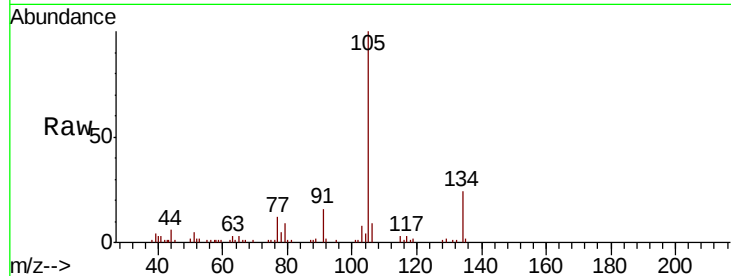




#85
 sec-Butylbenzene
 Concen: 0.83 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

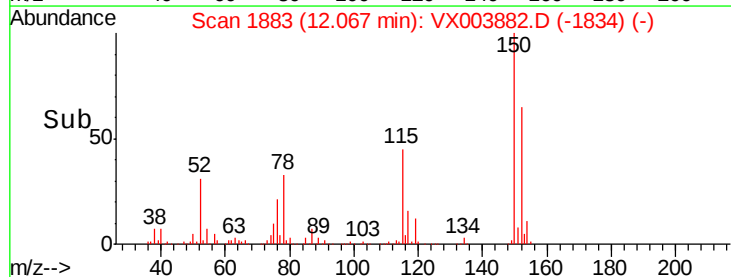
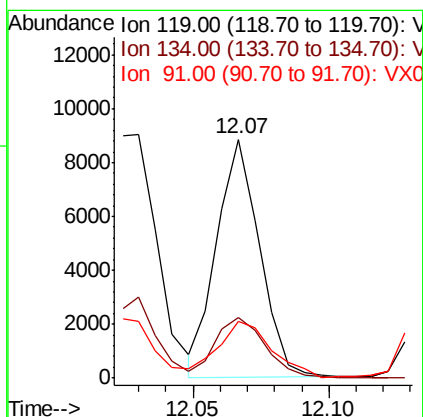
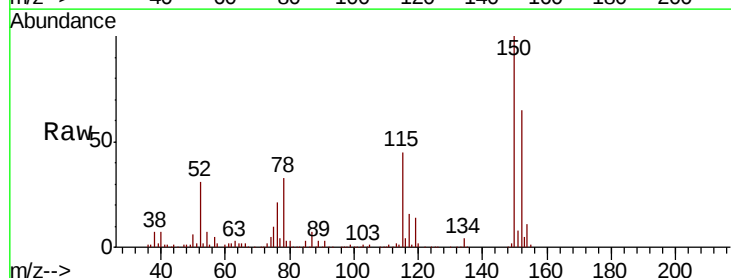
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0530DL

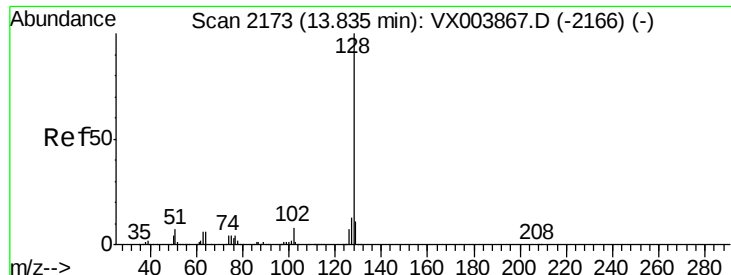
Tot Ion:105 Resp: 13381
 Ion Ratio Lower Upper
 105 100
 134 29.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 0.67 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Tgt Ion:119 Resp: 9705
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.3 39.8
 91 28.1 10.9 32.7

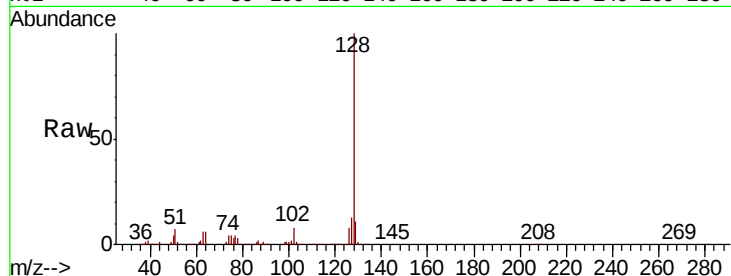




#95
Naphthalene
Concen: 7.06 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
FL-0530DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.2	8.8	13.2



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

