

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082318\
 Data File : VX004218.D
 Acq On : 23 Aug 2018 11:28
 Operator : JC/MD
 Sample : J4579-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0542

Quant Time: Aug 25 01:24:43 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	333083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289739	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	208764	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	5.50	113	182009	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	730596	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.14	95	268752	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	

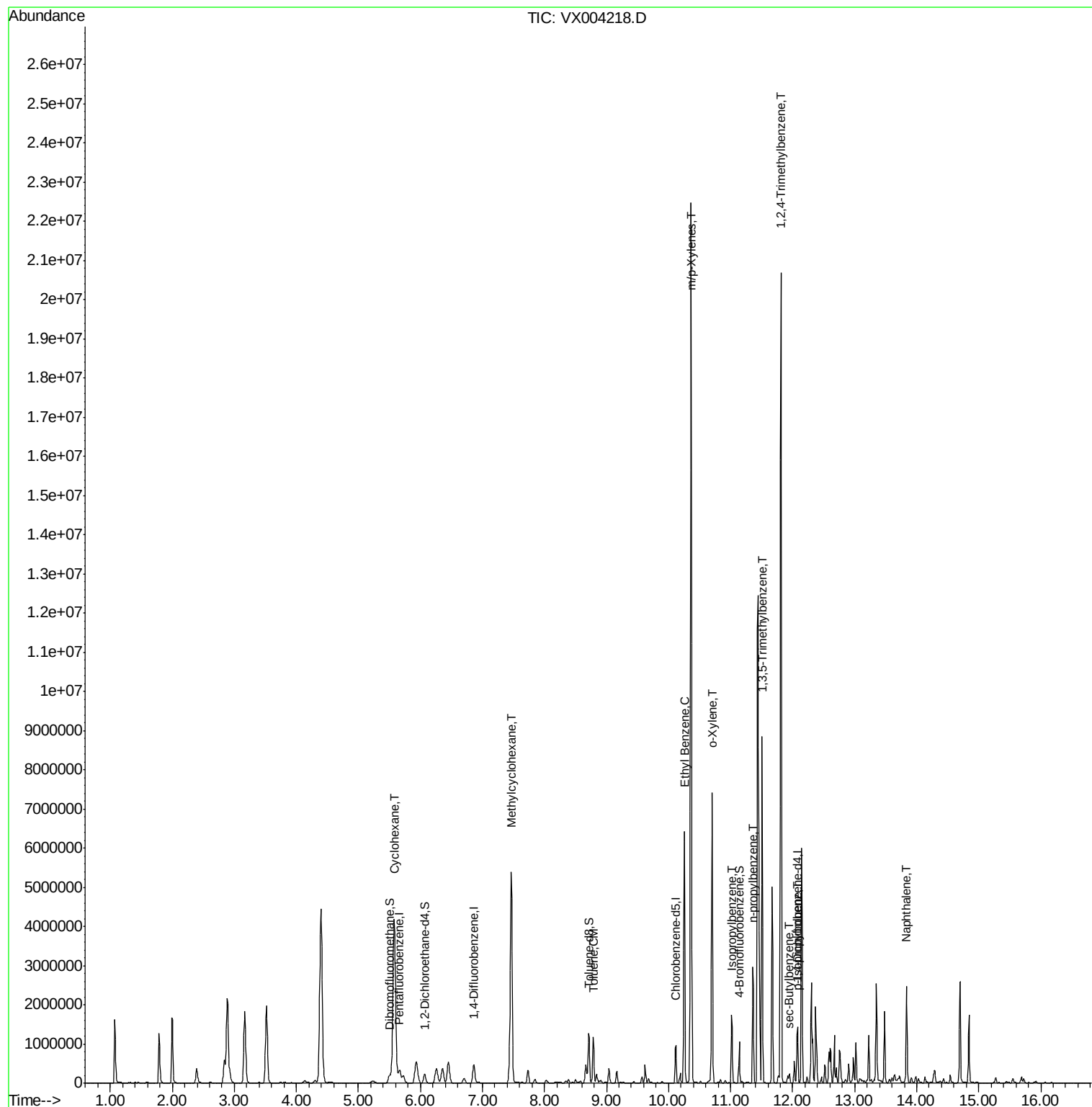
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	3027706	497.44	ug/l	99
39) Methylcyclohexane	7.46	83	2515892	386.26	ug/l	99
52) Toluene	8.79	92	453197	42.47	ug/l	100
67) Ethyl Benzene	10.26	91	3727967	202.47	ug/l	98
68) m/p-Xylenes	10.36	106	5616604	780.14	ug/l	85
69) o-Xylene	10.70	106	1640941	240.96	ug/l	97
73) Isopropylbenzene	11.02	105	904034	47.51	ug/l	100
78) n-propylbenzene	11.36	91	1769618	80.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3795699	240.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	8474725	523.89	ug/l	92
85) sec-Butylbenzene	11.94	105	132804m	7.05	ug/l	
86) p-Isopropyltoluene	12.07	119	137627	8.16	ug/l	100
95) Naphthalene	13.83	128	1516957m	80.25	ug/l	

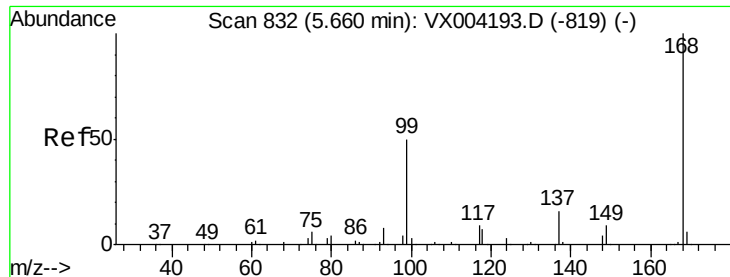
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004218.D

Acq: 23 Aug 2018 11:28

Instrument :

MSVOA_X

ClientSampled :

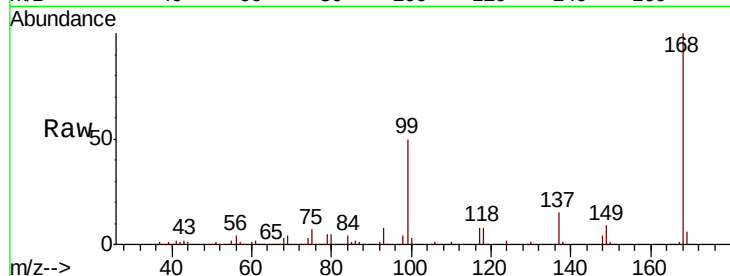
FL-0542

Tot Ion:168 Resp: 333083

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

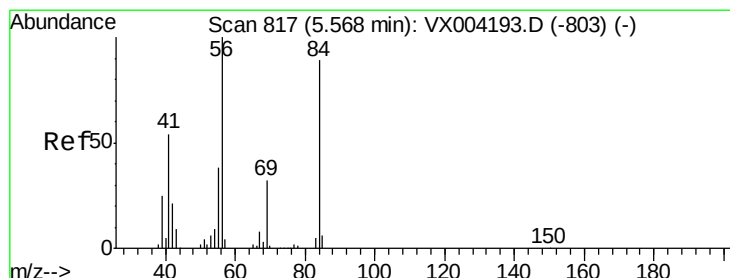
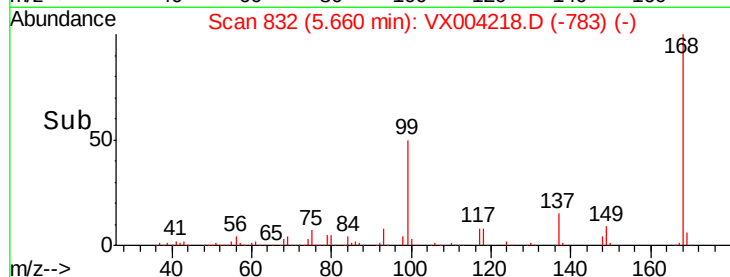
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 497.44 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

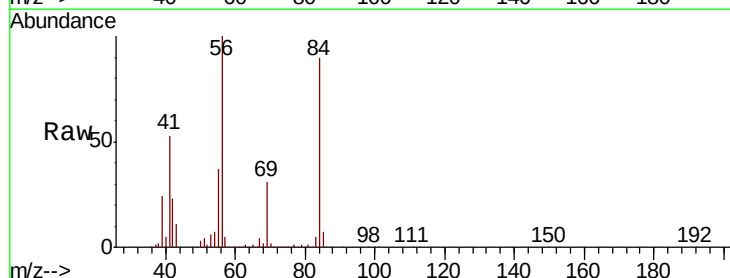
Tgt Ion: 56 Resp: 3027706

Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.2

84 89.8 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

1200000

1000000

800000

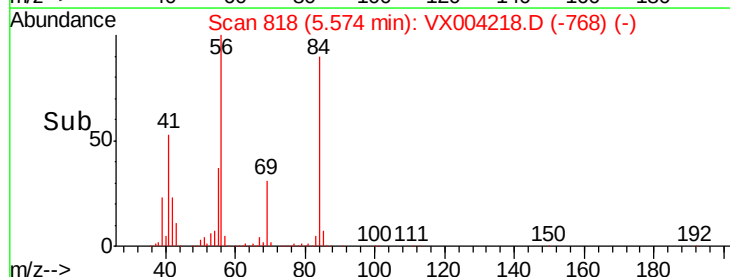
600000

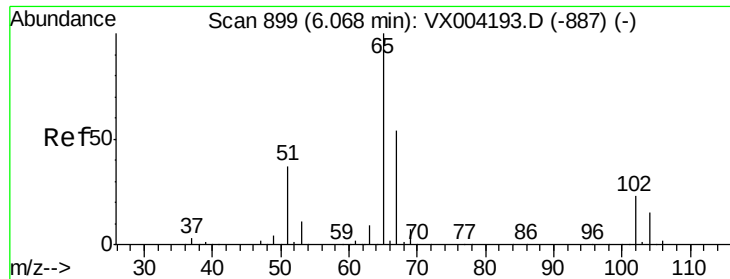
400000

200000

0

Time--> 5.40 5.50 5.60 5.70

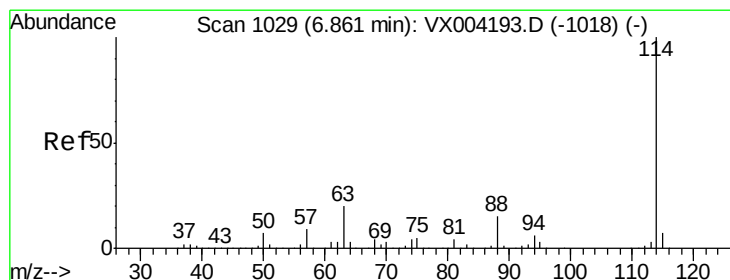
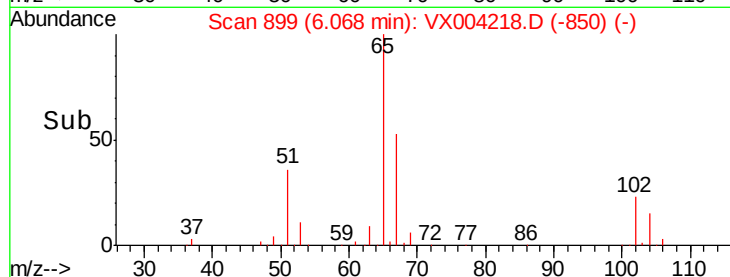
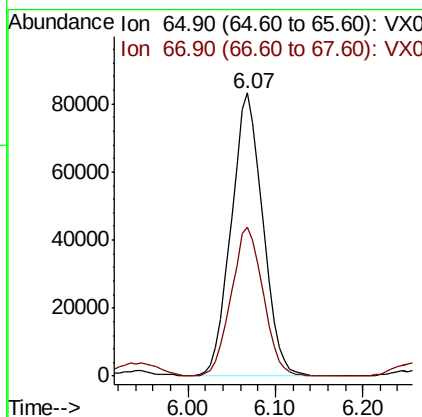
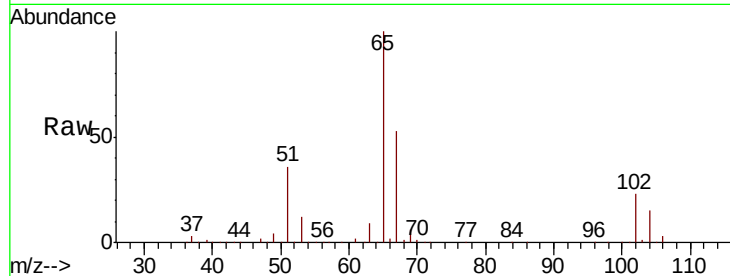




#33
 1,2-Dichloroethane-d4
 Concen: 48.09 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

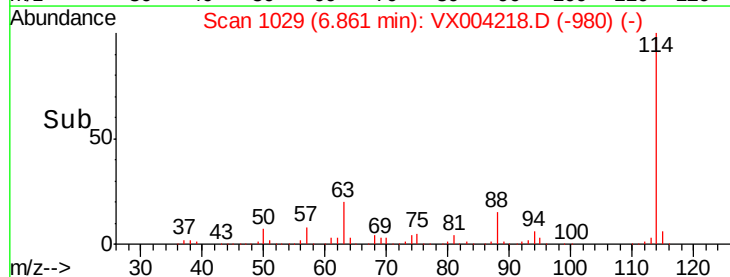
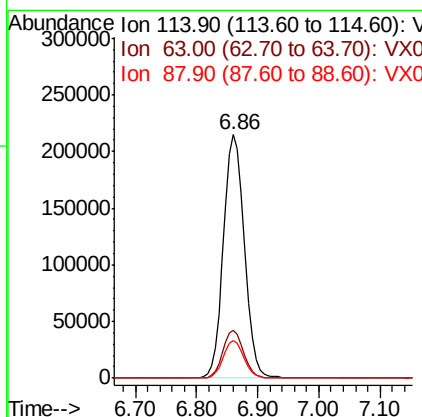
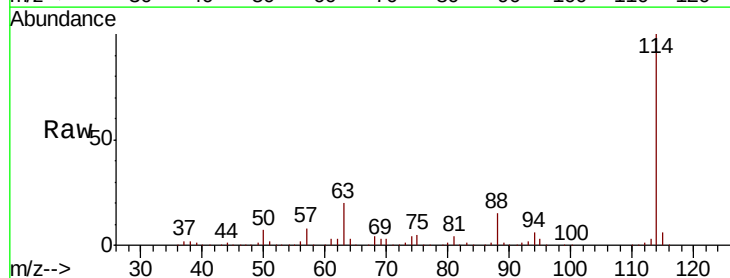
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0542

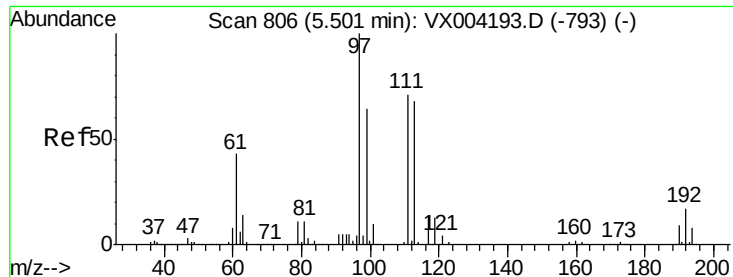
Tot Ion: 65 Resp: 208764
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Tgt Ion: 114 Resp: 507452
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.3 0.0 30.4

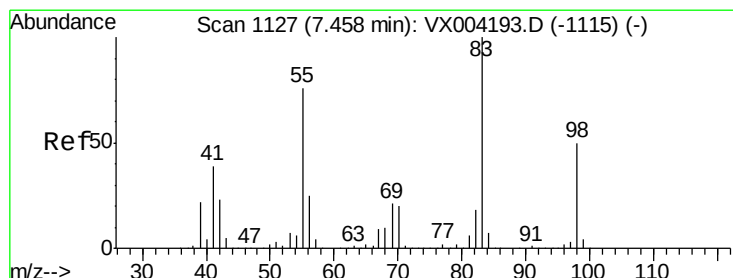
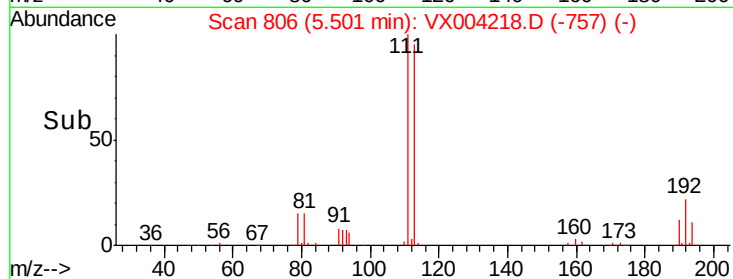
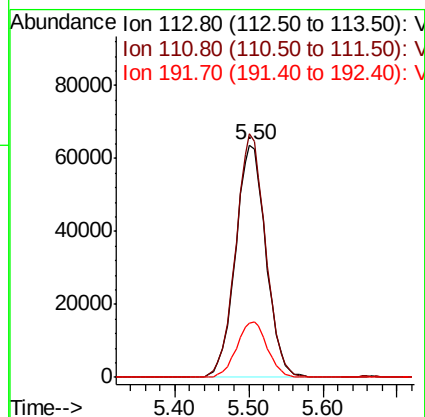
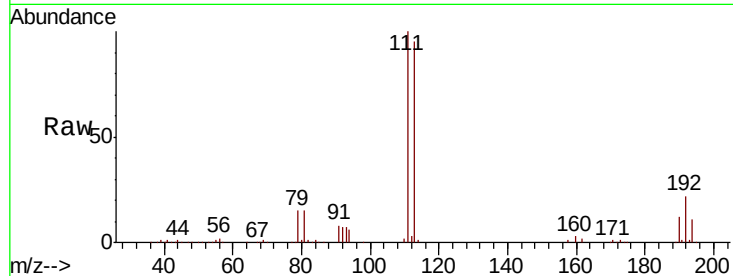




#35
 Dibromofluoromethane
 Concen: 48.21 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

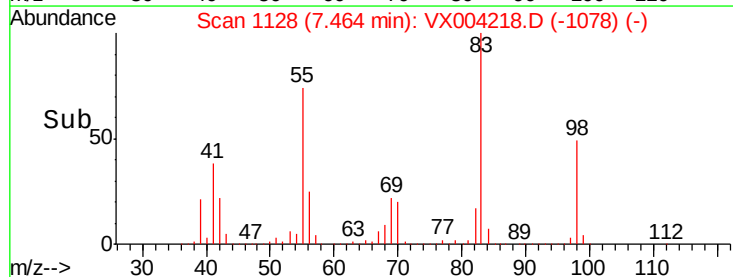
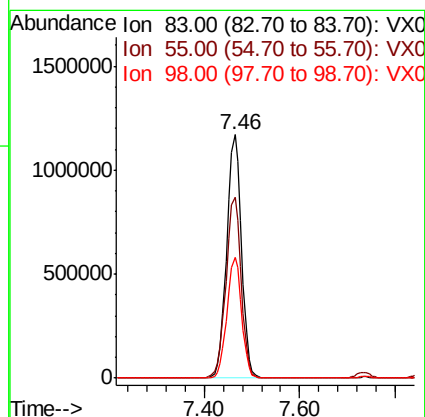
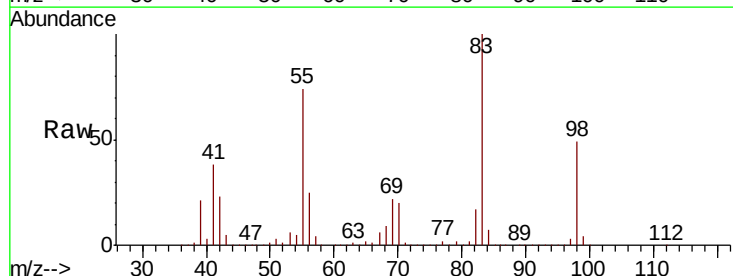
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0542

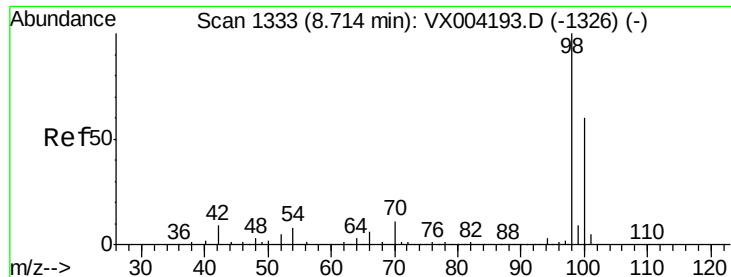
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	24.0	19.4	29.2



#39
 Methylcyclohexane
 Concen: 386.26 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.0	91.4
98	49.5	39.6	59.4

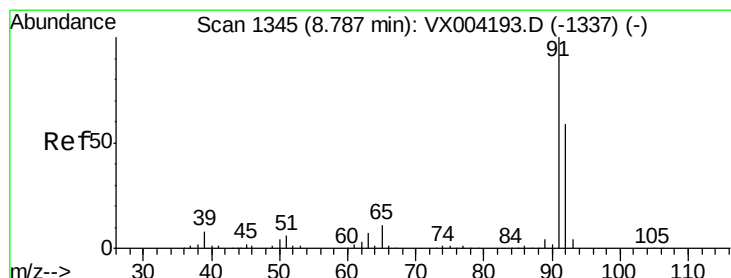
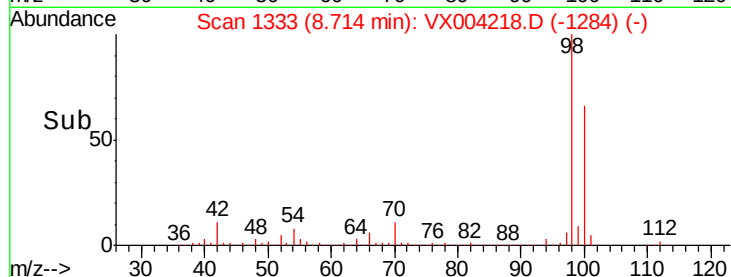
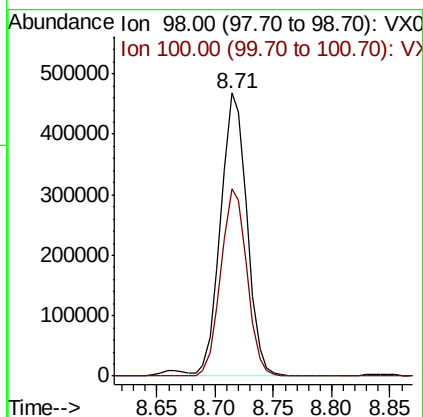
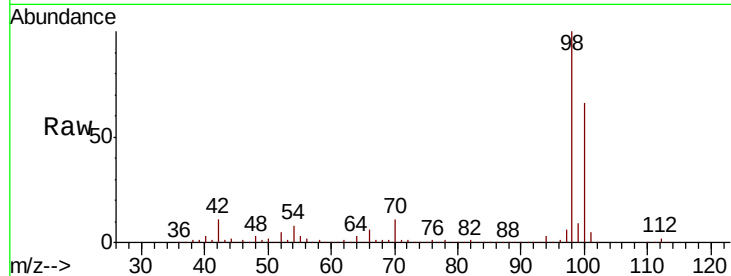




#50
Toluene-d8
Concen: 51.27 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

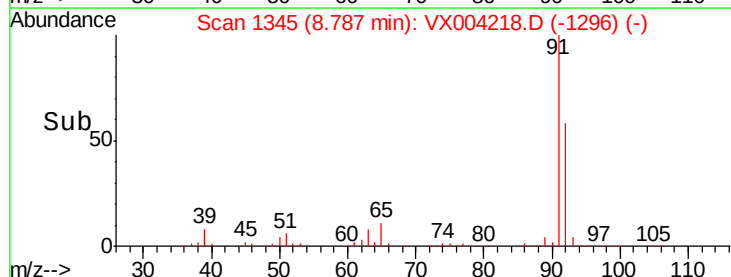
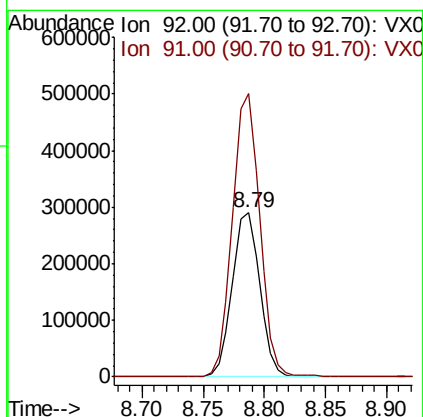
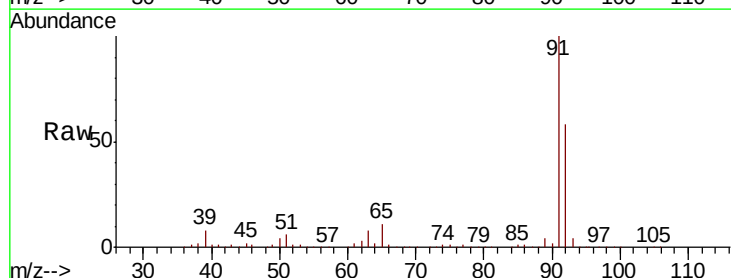
Instrument :
MSVOA_X
ClientSampleId :
FL-0542

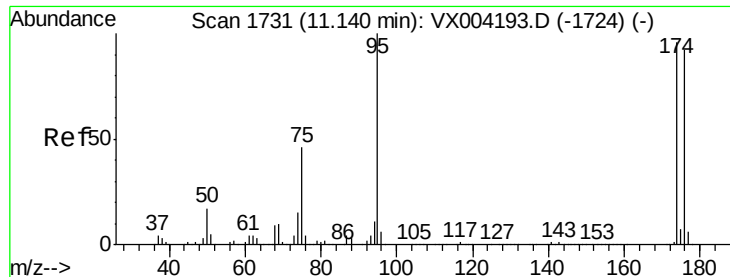
Tot Ion: 98 Resp: 730596
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#52
Toluene
Concen: 42.47 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Tgt Ion: 92 Resp: 453197
Ion Ratio Lower Upper
92 100
91 170.9 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 50.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

Instrument :

MSVOA_X

ClientSampled :

FL-0542

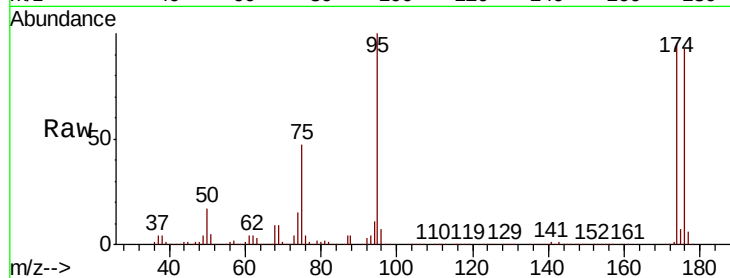
Tot Ion: 95 Resp: 268752

Ion Ratio Lower Upper

95 100

174 90.7 0.0 185.2

176 89.3 0.0 178.6

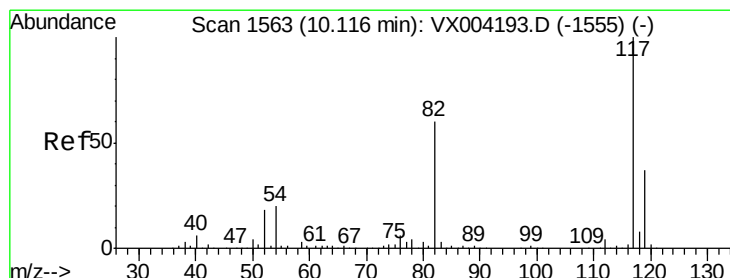
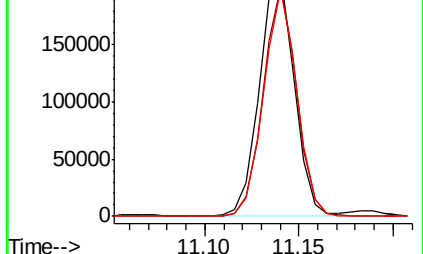
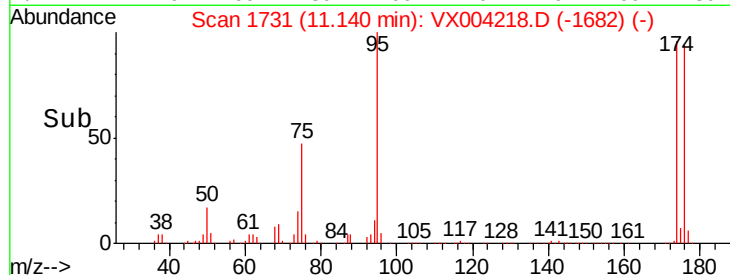


Abundance Ion 94.90 (94.60 to 95.60): VX004218.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004218.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004218.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

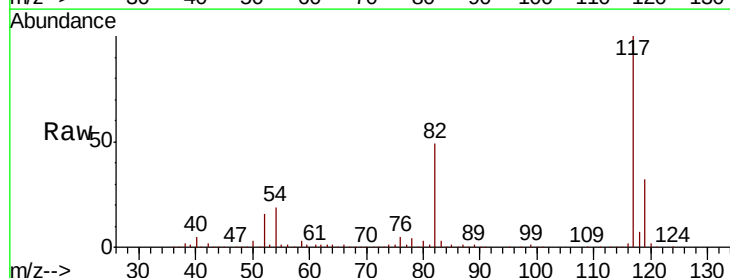
Tgt Ion: 117 Resp: 451731

Ion Ratio Lower Upper

117 100

82 49.2 47.8 71.6

119 32.3 29.3 43.9

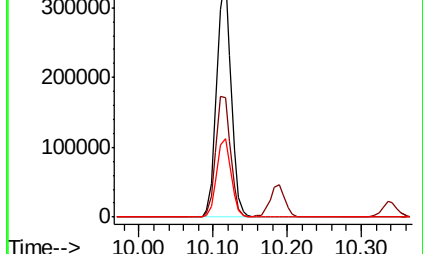
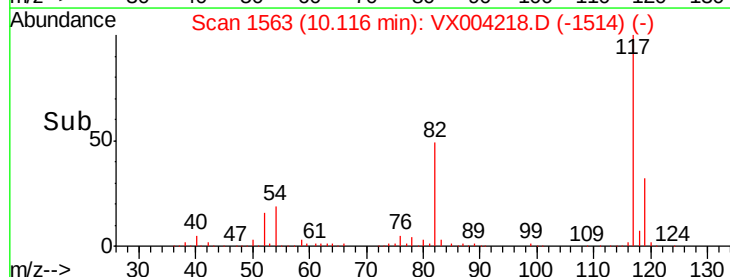


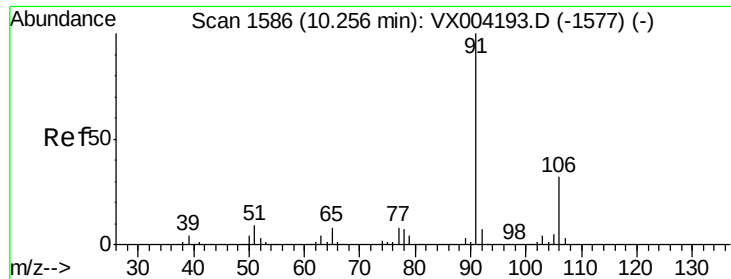
Abundance Ion 116.90 (116.60 to 117.60): VX004218.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004218.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004218.D (-1514) (-)

Time-->

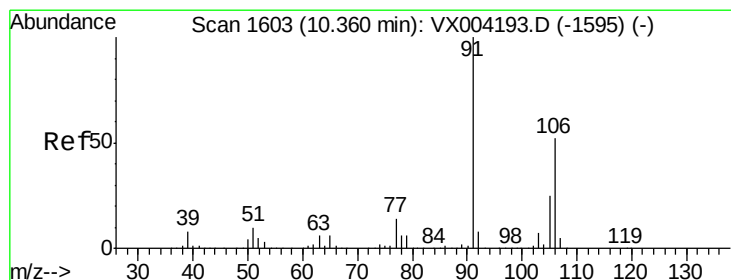
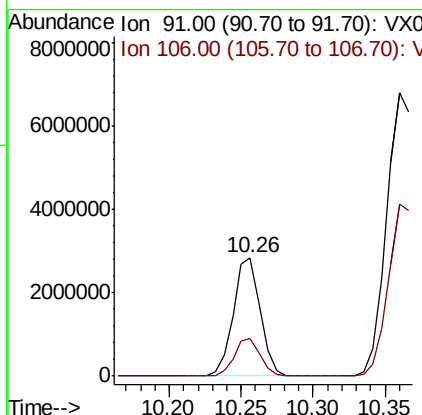
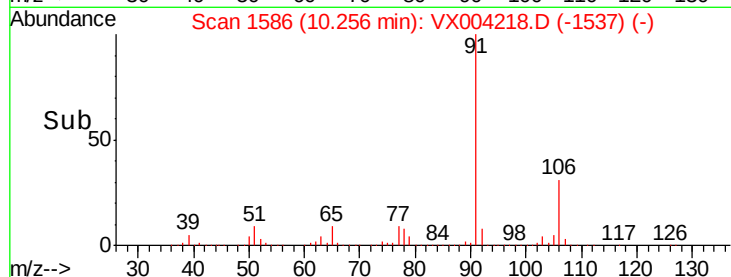
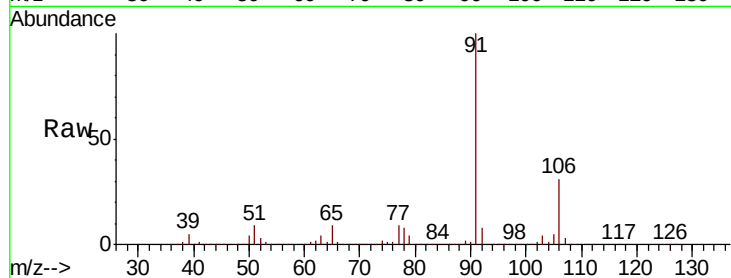




#67
Ethyl Benzene
Concen: 202.47 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

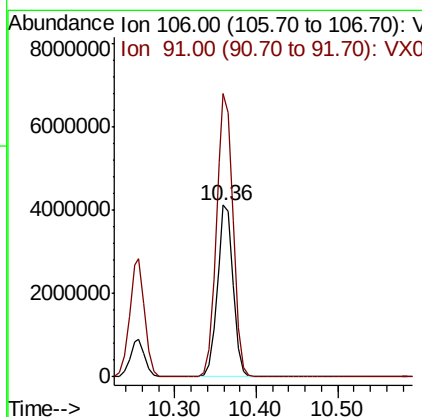
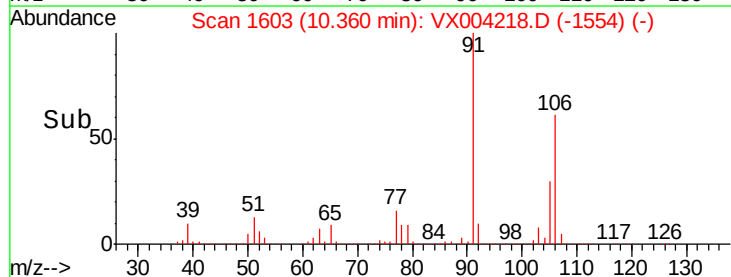
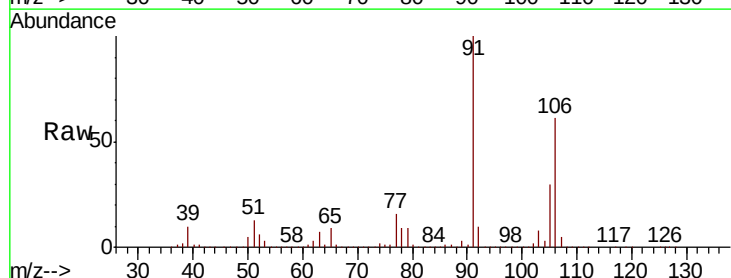
Instrument :
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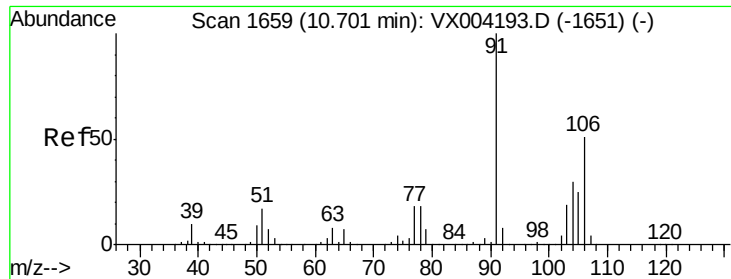
Tot Ion: 91 Resp: 3727967
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9



#68
m/p-Xylenes
Concen: 780.14 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Tgt Ion: 106 Resp: 5616604
Ion Ratio Lower Upper
106 100
91 173.7 157.1 235.7

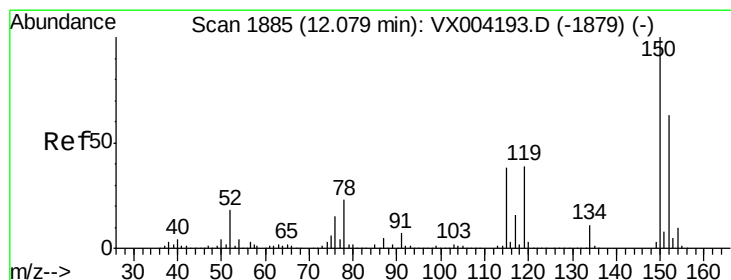
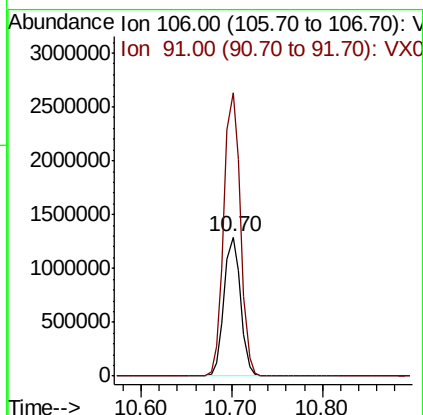
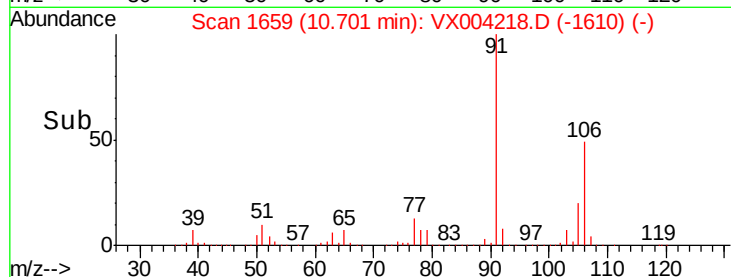
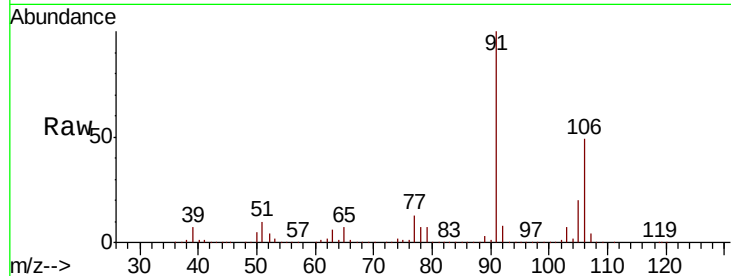




#69
o-Xylene
Concen: 240.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

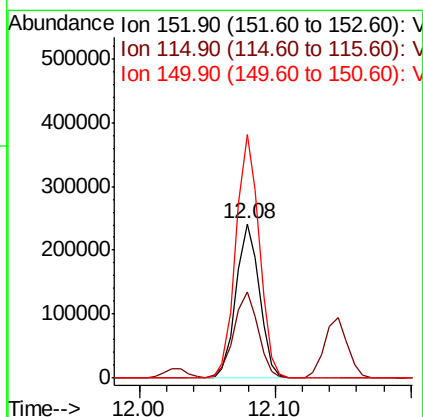
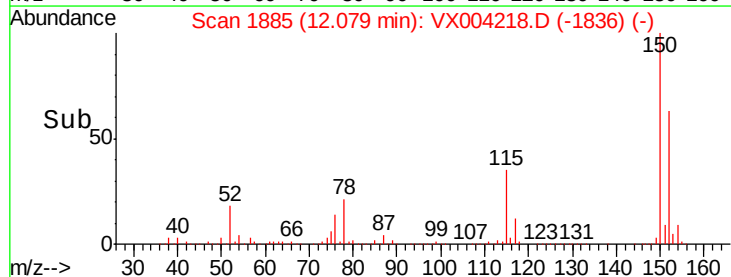
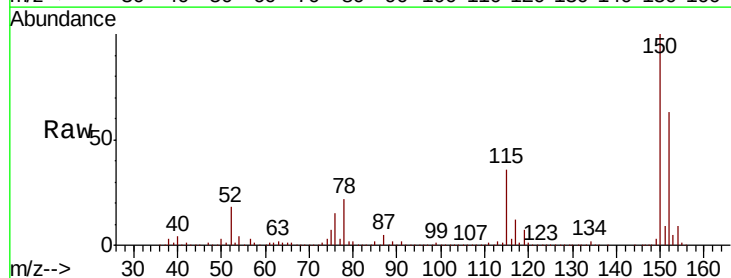
Instrument :
MSVOA_X
ClientSampled :
FL-0542

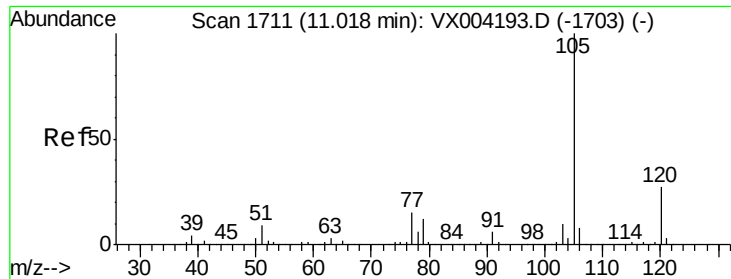
Tot Ion:106 Resp: 1640941
Ion Ratio Lower Upper
106 100
91 205.3 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004218.D
Acq: 23 Aug 2018 11:28

Tgt Ion:152 Resp: 289739
Ion Ratio Lower Upper
152 100
115 58.1 39.0 117.0
150 157.2 0.0 351.0





#73

Isopropylbenzene

Concen: 47.51 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

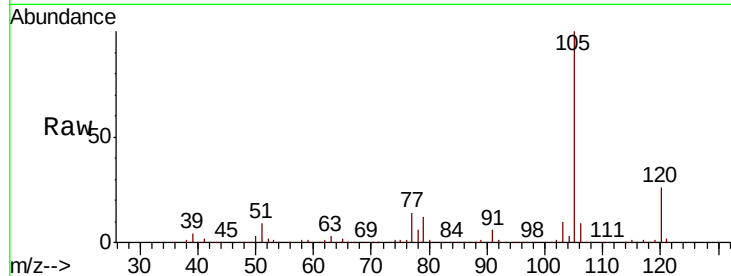
FL-0542

Tot Ion:105 Resp: 904034

Ion Ratio Lower Upper

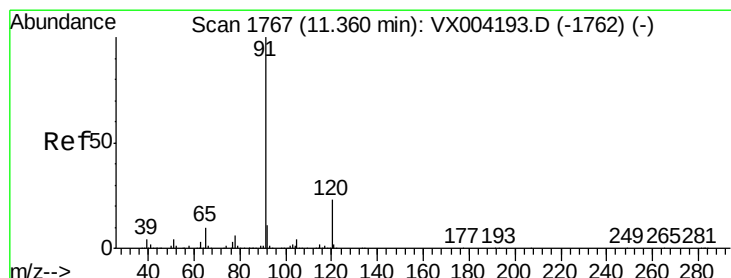
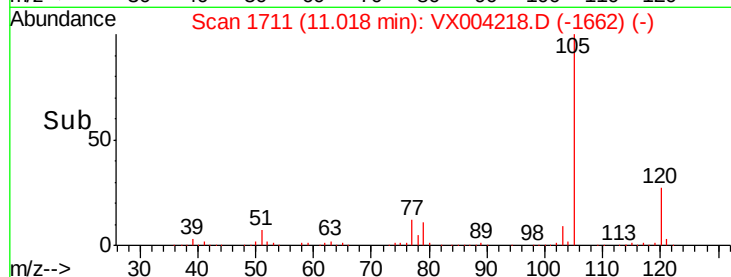
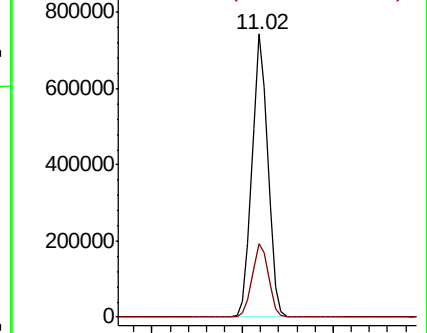
105 100

120 26.8 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: 80.85 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004218.D

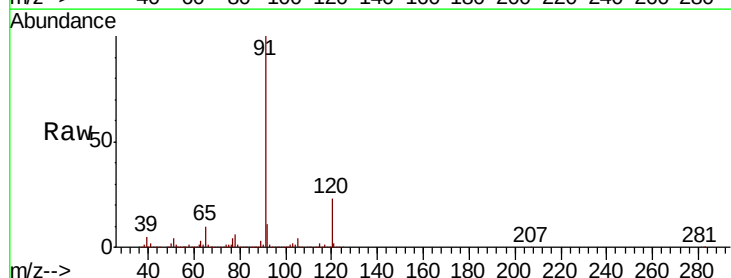
Acq: 23 Aug 2018 11:28

Tgt Ion: 91 Resp: 1769618

Ion Ratio Lower Upper

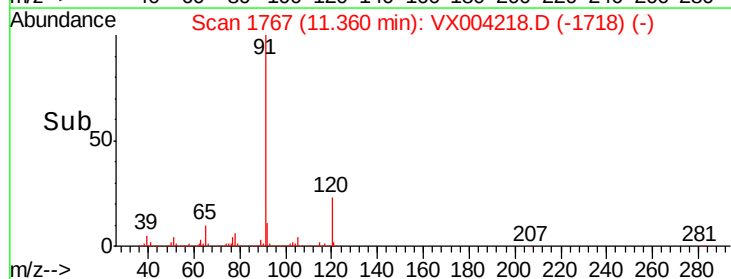
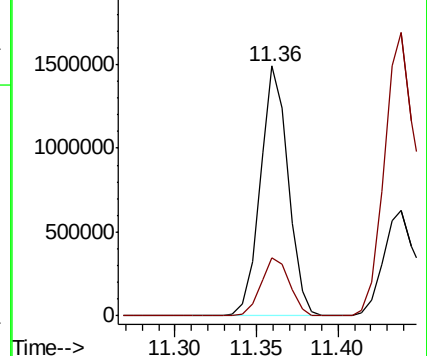
91 100

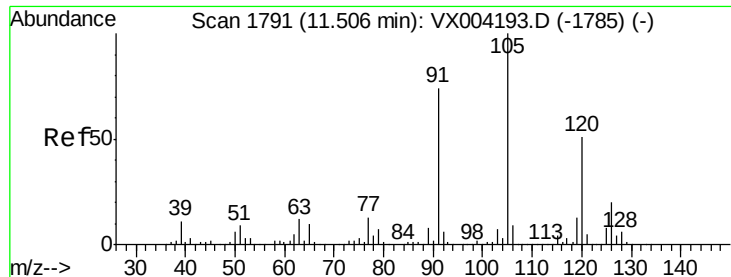
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

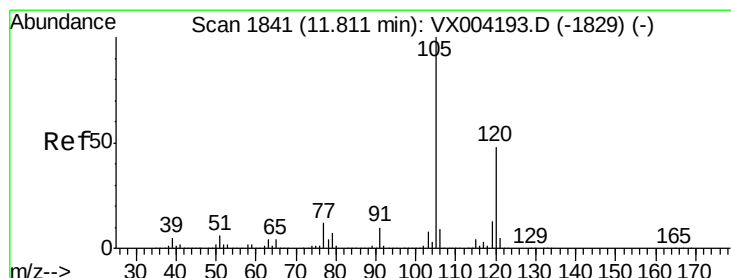
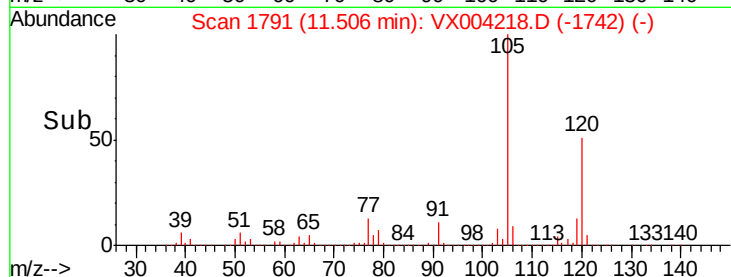
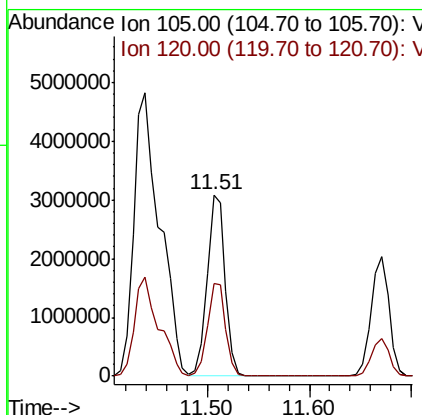
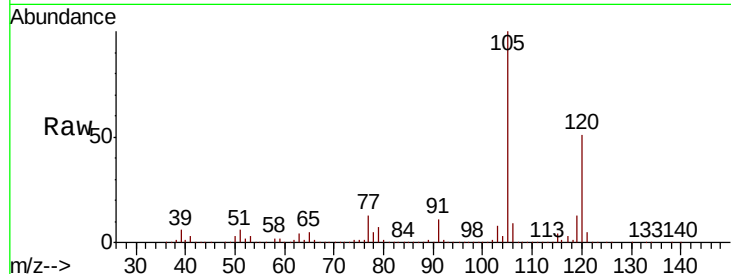




#80
 1,3,5-Trimethylbenzene
 Concen: 240.86 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

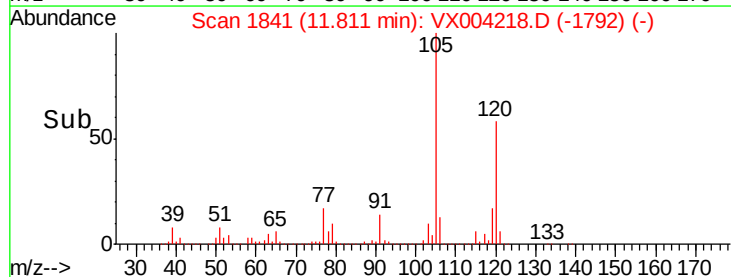
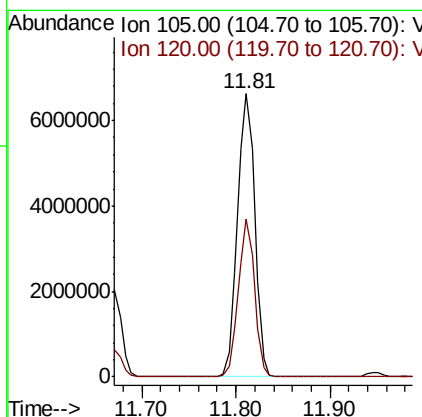
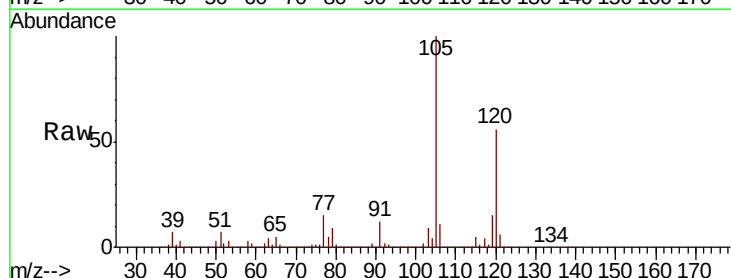
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0542

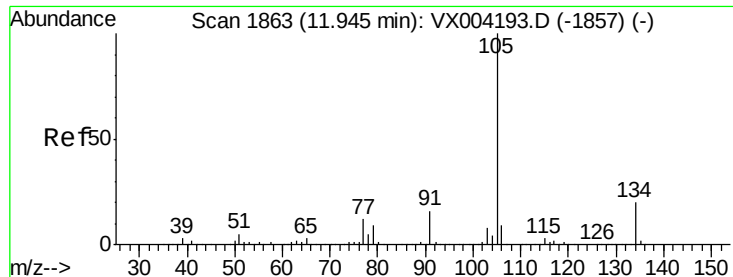
Tot Ion:105 Resp: 3795699
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 523.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Tgt Ion:105 Resp: 8474725
 Ion Ratio Lower Upper
 105 100
 120 52.0 23.2 69.6

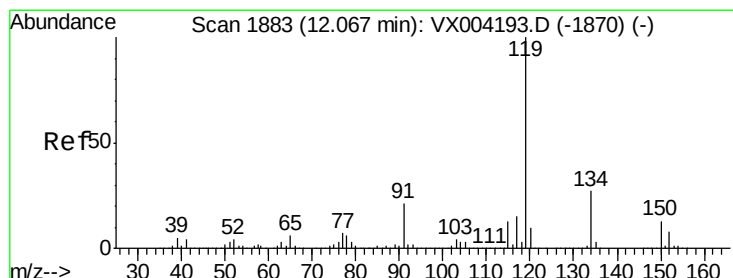
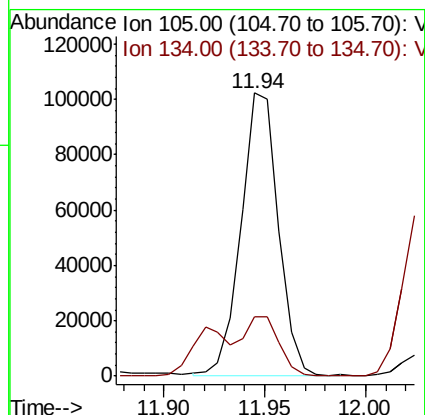
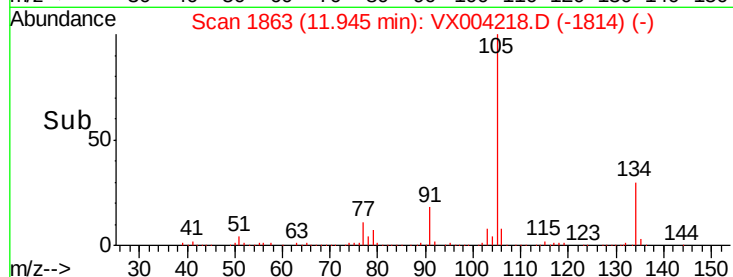
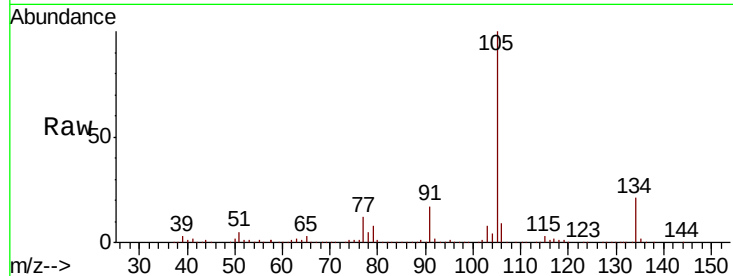




#85
 sec-Butylbenzene
 Concen: 7.05 ug/l m
 RT: 11.94 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

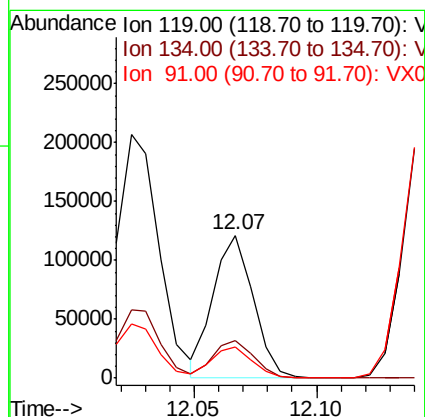
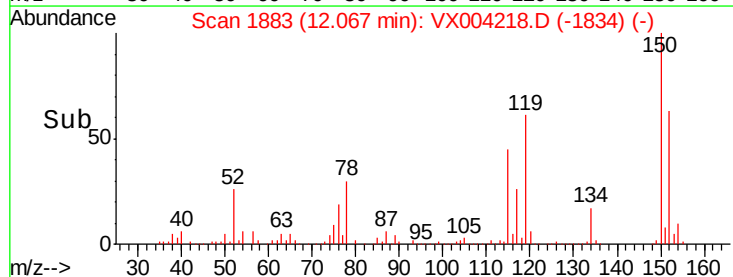
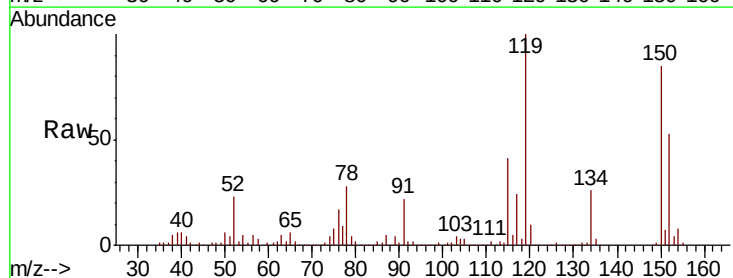
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0542

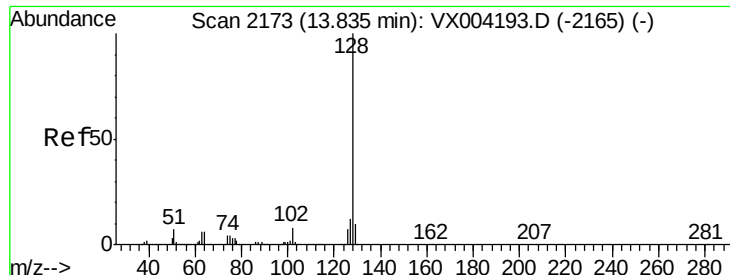
Tot Ion:105 Resp: 132804
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 8.16 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004218.D
 Acq: 23 Aug 2018 11:28

Tgt Ion:119 Resp: 137627
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.1 10.9 32.7





#95

Naphthalene

Concen: 80.25 ug/l m

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004218.D

Acq: 23 Aug 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

FL-0542

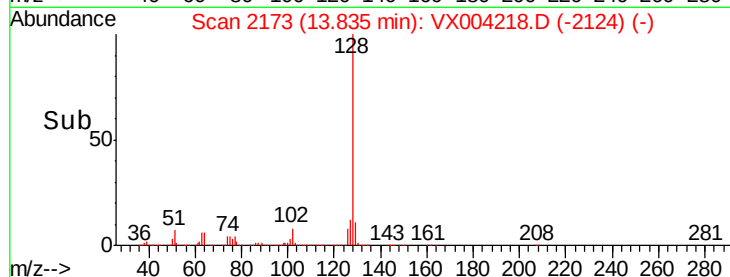
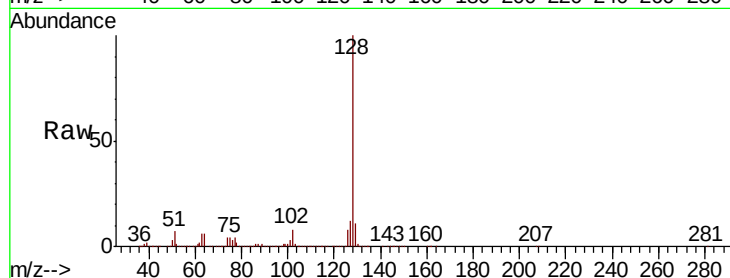
Tot Ion:128 Resp: 1516957

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 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

