

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004035.D
 Acq On : 14 Aug 2018 17:17
 Operator : JC/MD
 Sample : J4429-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540DL

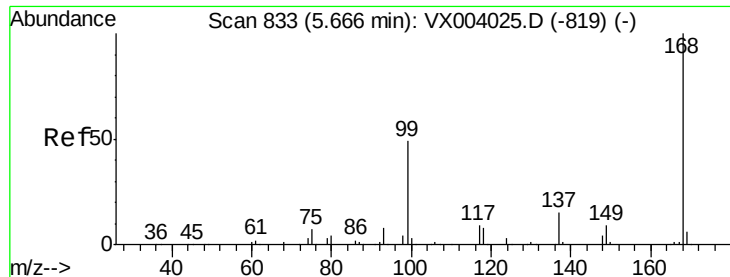
Quant Time: Aug 15 14:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	490074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	463043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267528	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	213271	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
35) Dibromofluoromethane	5.51	113	176615	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
50) Toluene-d8	8.72	98	709873	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.14	95	258155	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	194143	31.92	ug/l	99
39) Methylcyclohexane	7.46	83	197922	31.28	ug/l	98
67) Ethyl Benzene	10.26	91	261326	13.80	ug/l	99
68) m/p-Xylenes	10.37	106	93843	12.65	ug/l	99
69) o-Xylene	10.70	106	2251	0.32	ug/l	93
73) Isopropylbenzene	11.02	105	92276	5.10	ug/l	97
78) n-propylbenzene	11.36	91	203628	10.05	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227854	15.37	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	730253	47.56	ug/l	99
85) sec-Butylbenzene	11.94	105	22664	1.30	ug/l	86
95) Naphthalene	13.83	128	73005	4.96	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

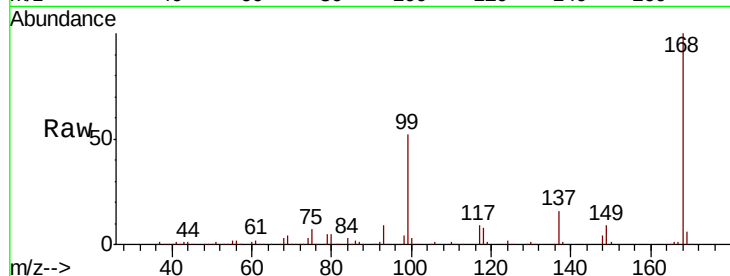
FL-0540DL

Tot Ion:168 Resp: 312261

Ion Ratio Lower Upper

168 100

99 51.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

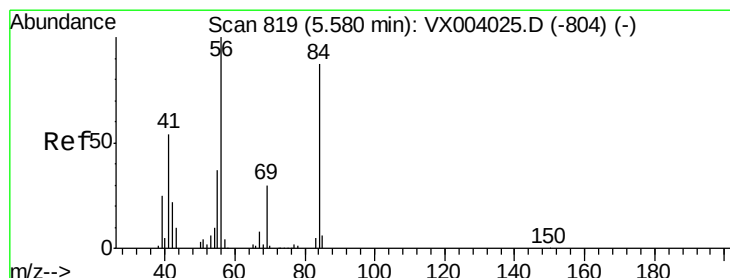
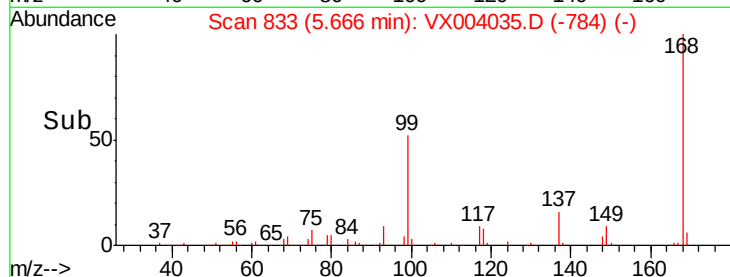
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 31.92 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

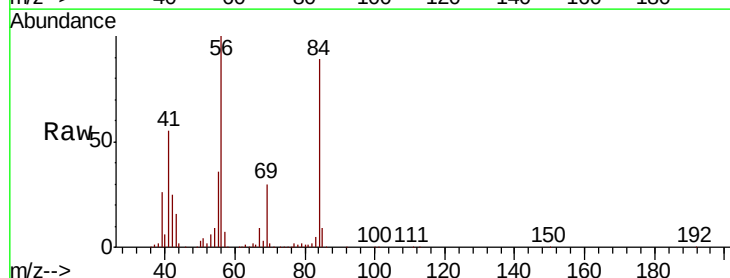
Tgt Ion: 56 Resp: 194143

Ion Ratio Lower Upper

56 100

69 29.4 24.9 37.3

84 89.1 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

80000

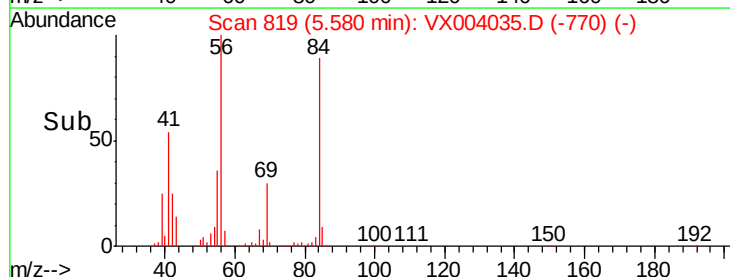
60000

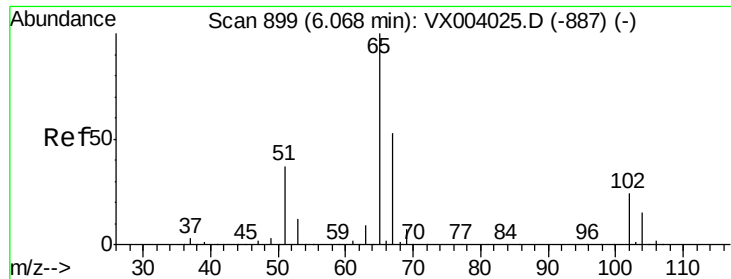
40000

20000

0

Time--> 5.50 5.60 5.70

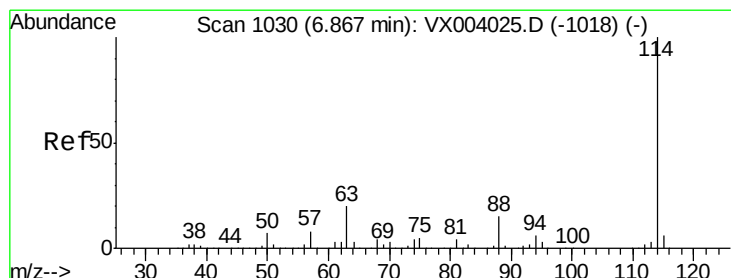
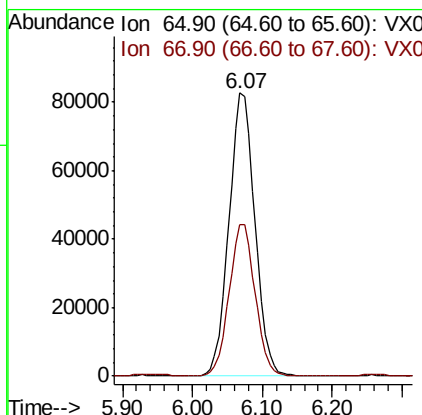
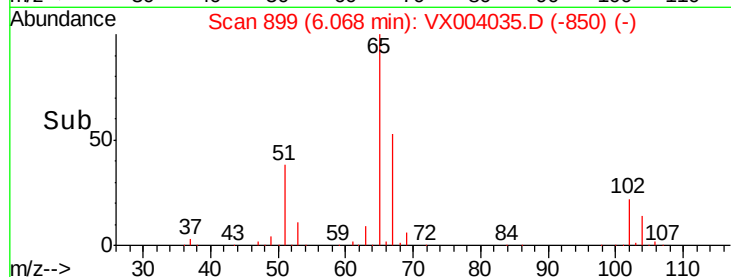
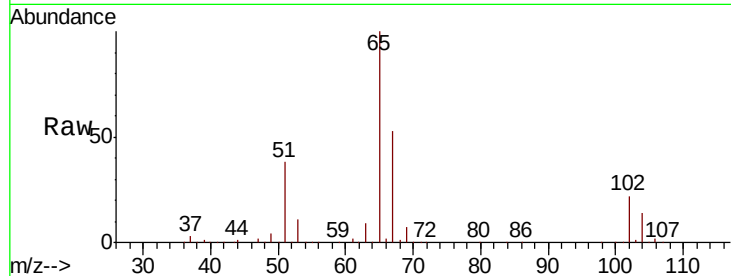




#33
 1,2-Dichloroethane-d4
 Concen: 48.48 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

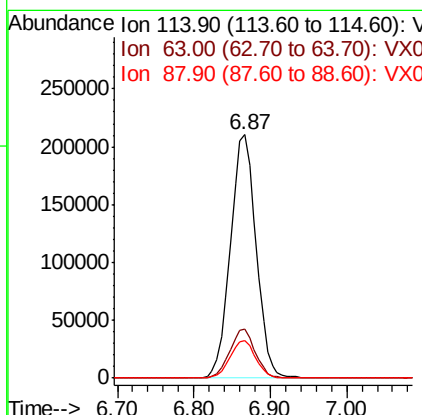
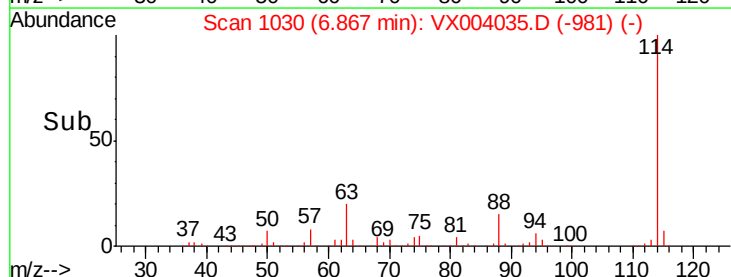
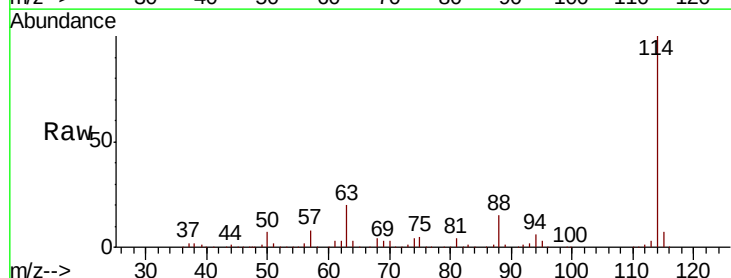
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540DL

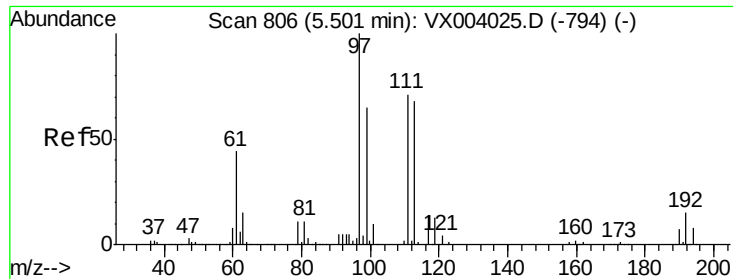
Tot Ion: 65 Resp: 213271
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion: 114 Resp: 490074
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

FL-0540DL

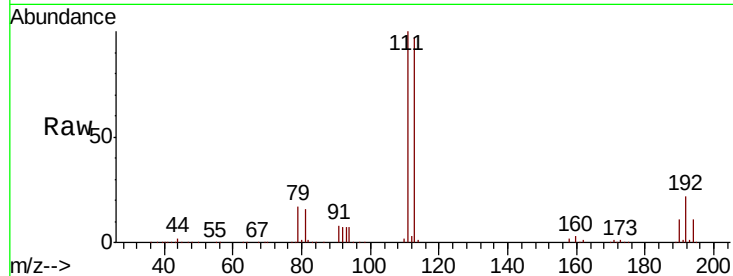
Tot Ion:113 Resp: 176615

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

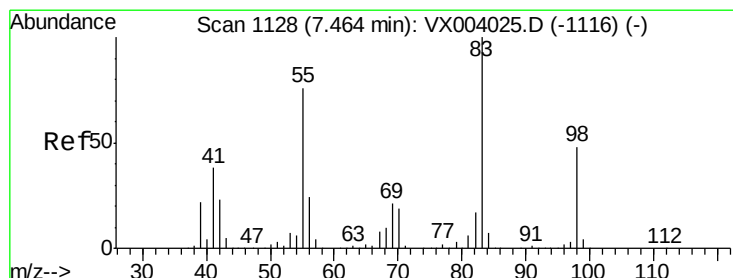
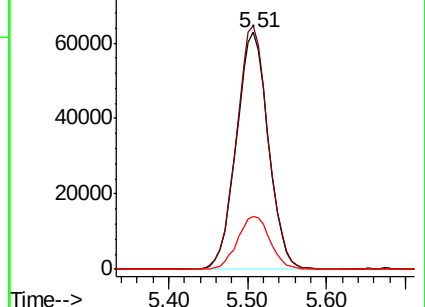
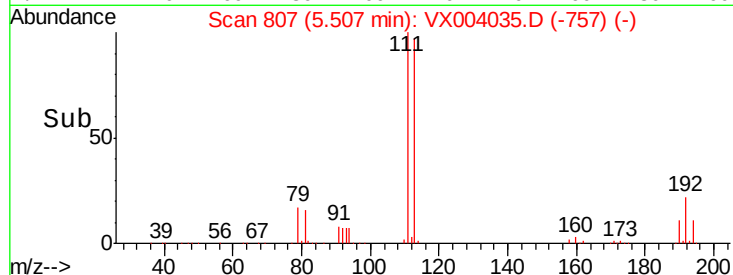
192 22.8 19.0 28.4



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

Methylcyclohexane

Concen: 31.28 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

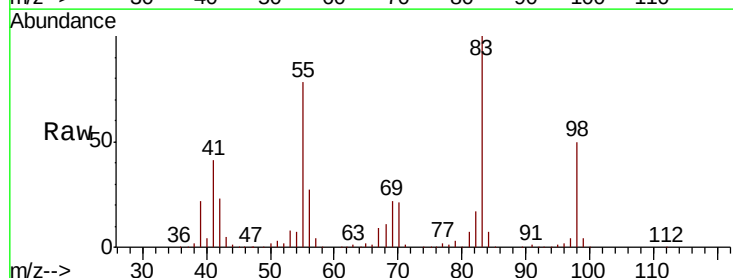
Tgt Ion: 83 Resp: 197922

Ion Ratio Lower Upper

83 100

55 78.3 61.0 91.6

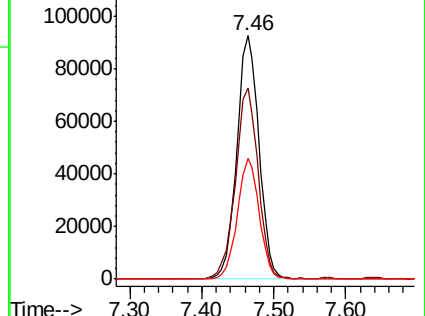
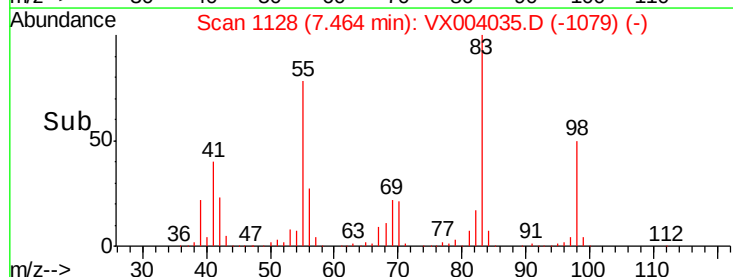
98 49.6 38.6 57.8

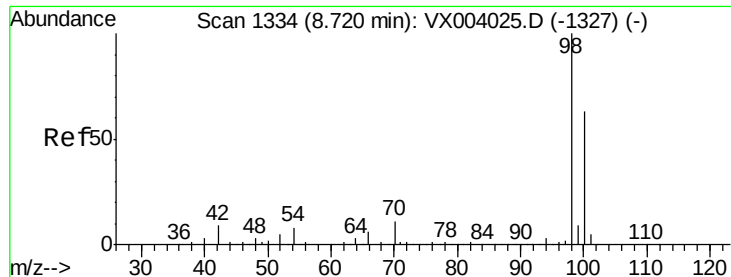


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

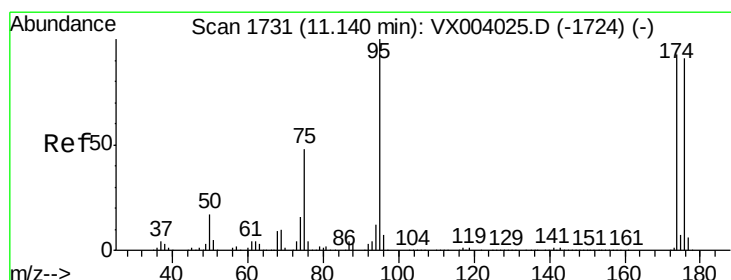
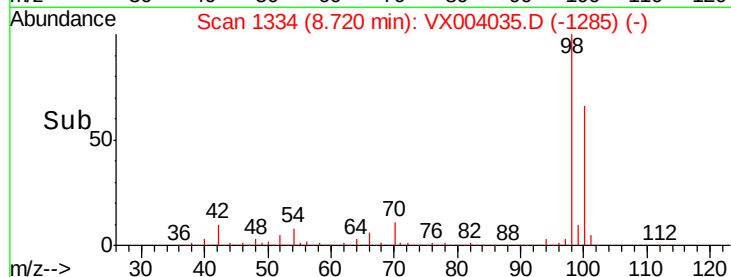
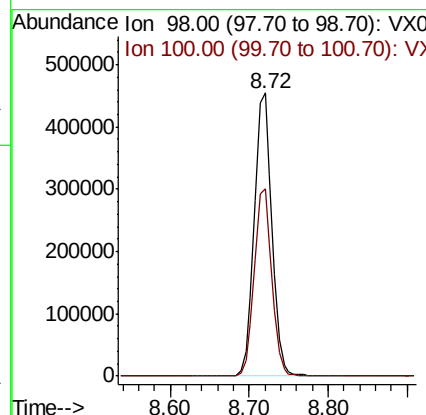
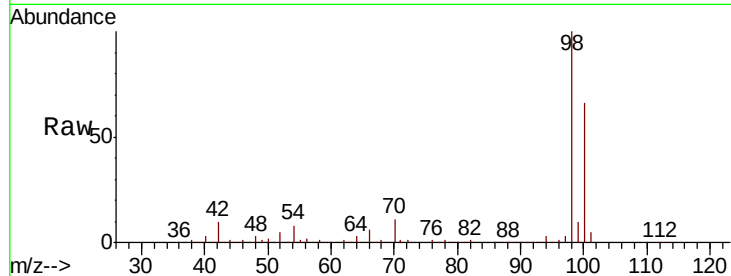




#50
Toluene-d8
Concen: 47.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

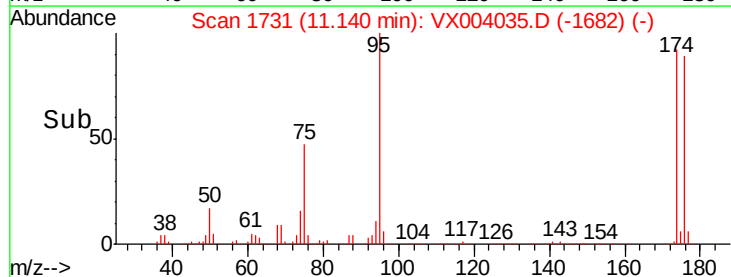
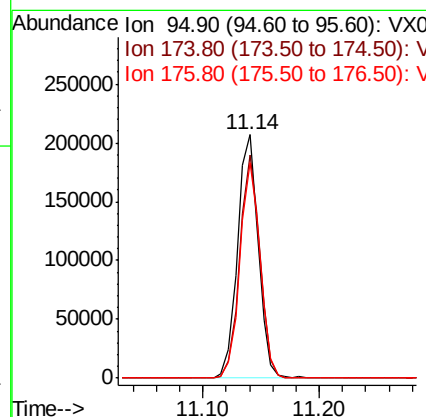
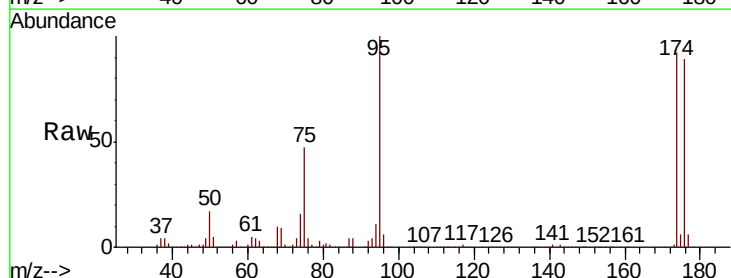
Instrument :
MSVOA_X
ClientSampled :
FL-0540DL

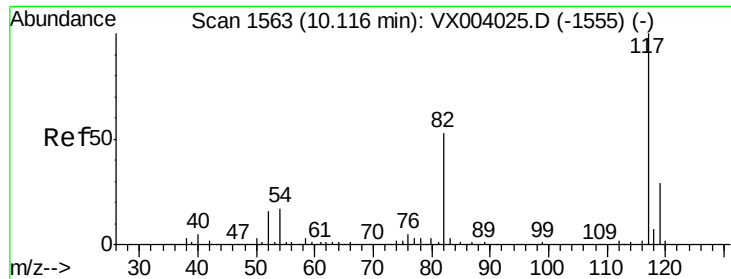
Tot Ion: 98 Resp: 709873
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion: 95 Resp: 258155
Ion Ratio Lower Upper
95 100
174 89.1 0.0 182.8
176 86.3 0.0 179.0

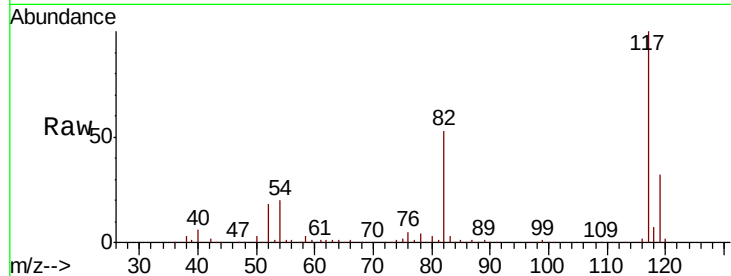




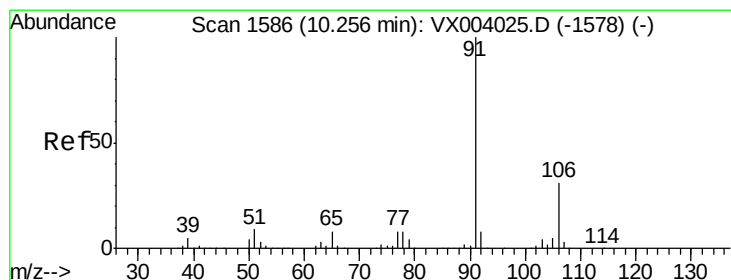
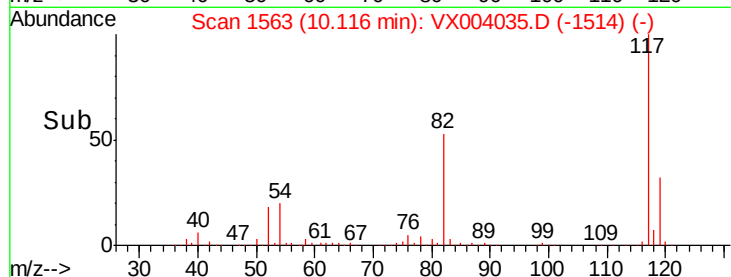
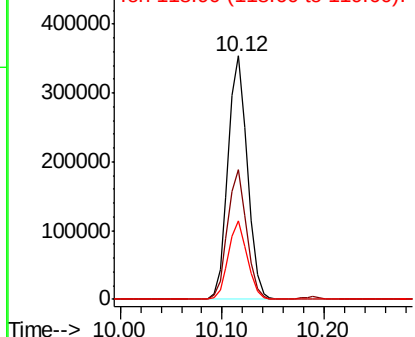
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Instrument :
MSVOA_X
ClientSampleID :
FL-0540DL

Tot Ion:117 Resp: 463043
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.0
119 32.0 26.6 40.0

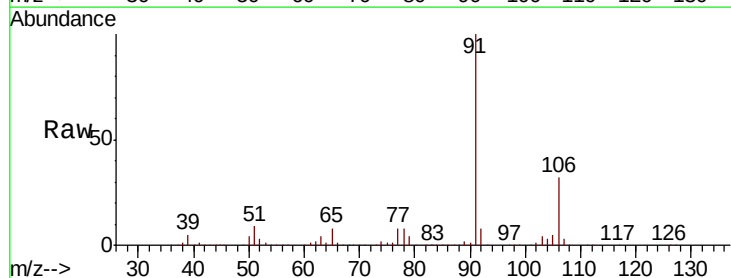


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

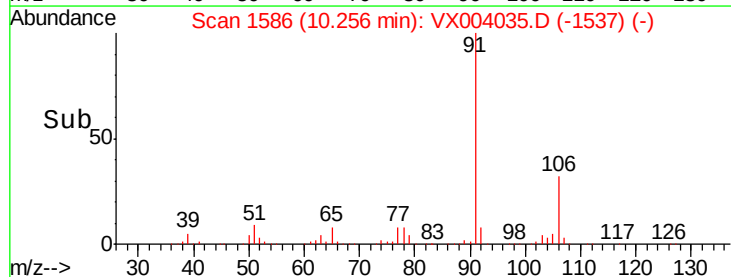
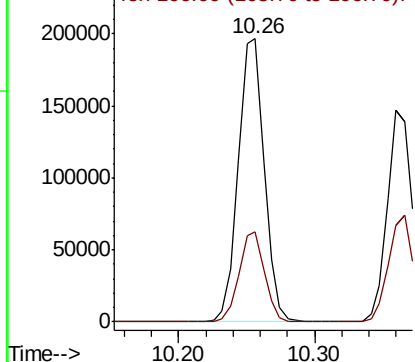


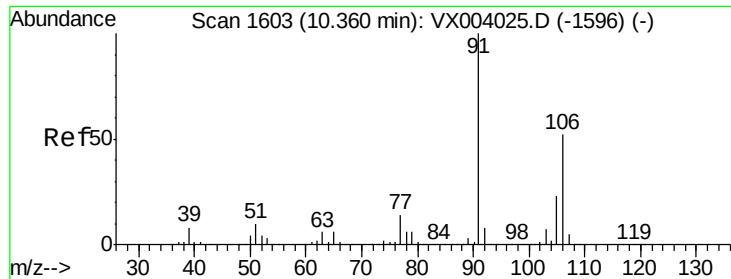
#67
Ethyl Benzene
Concen: 13.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion: 91 Resp: 261326
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



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

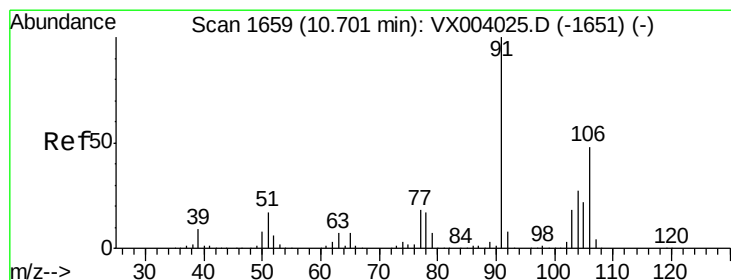
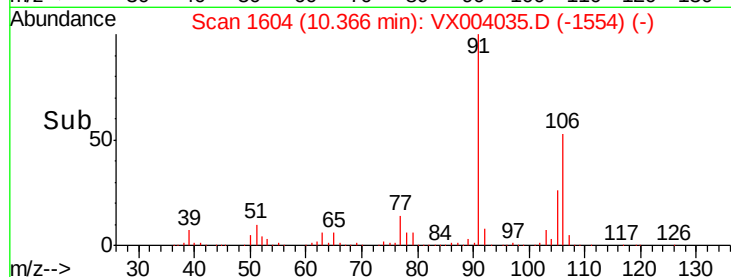
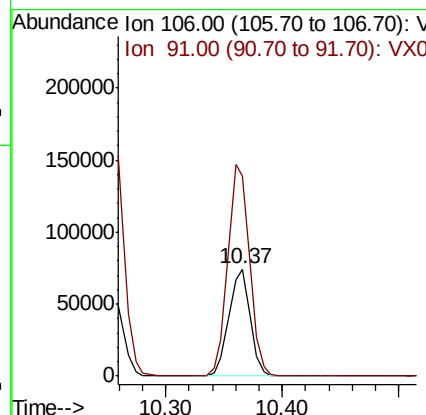
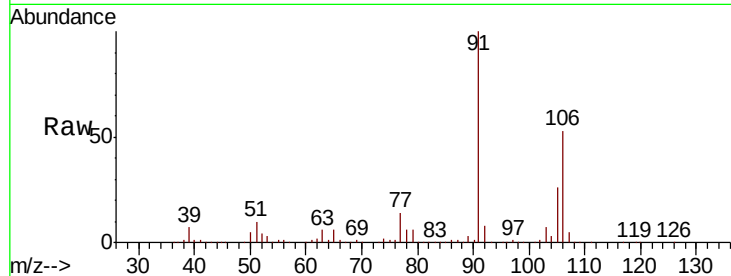




#68
m/p-Xylenes
Concen: 12.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

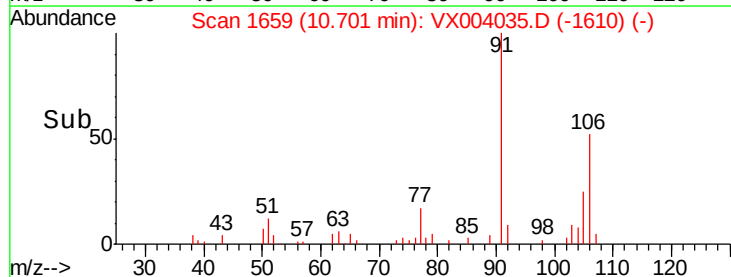
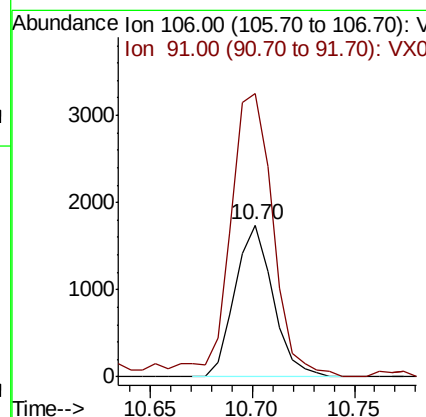
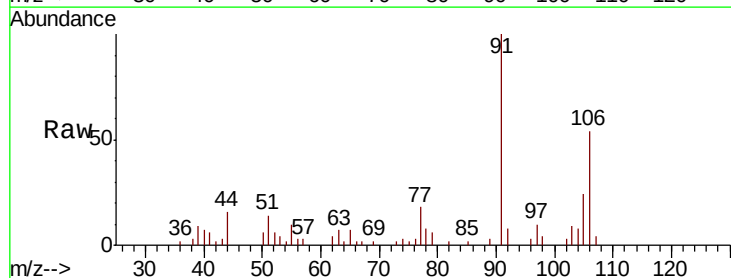
Instrument :
MSVOA_X
ClientSampled :
FL-0540DL

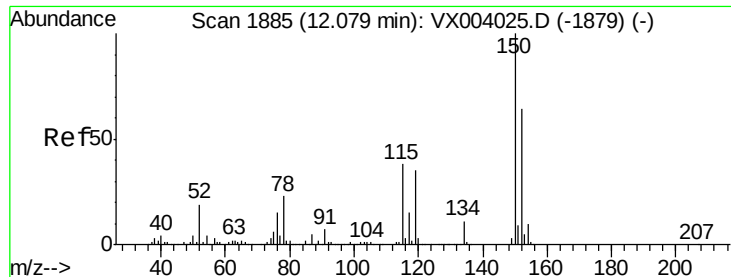
Tot Ion:106 Resp: 93843
Ion Ratio Lower Upper
106 100
91 201.4 162.3 243.5



#69
o-Xylene
Concen: 0.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion:106 Resp: 2251
Ion Ratio Lower Upper
106 100
91 214.5 101.9 305.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

FL-0540DL

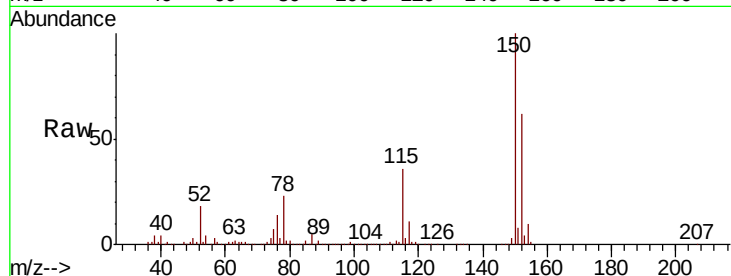
Tot Ion:152 Resp: 267528

Ion Ratio Lower Upper

152 100

115 56.2 39.1 117.3

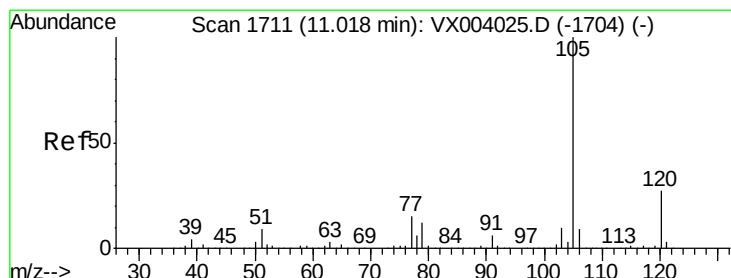
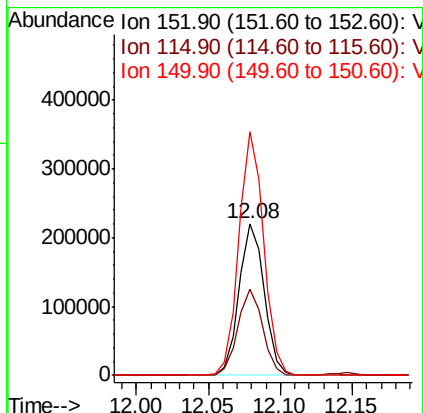
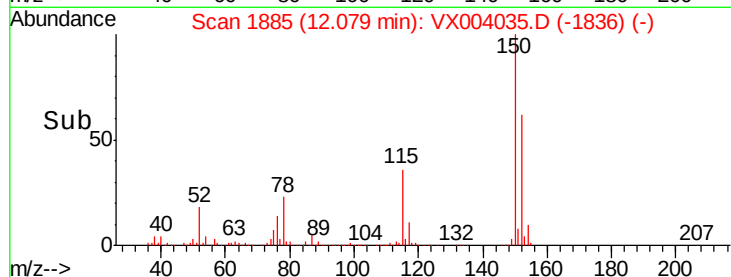
150 158.2 0.0 349.2



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: 5.10 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004035.D

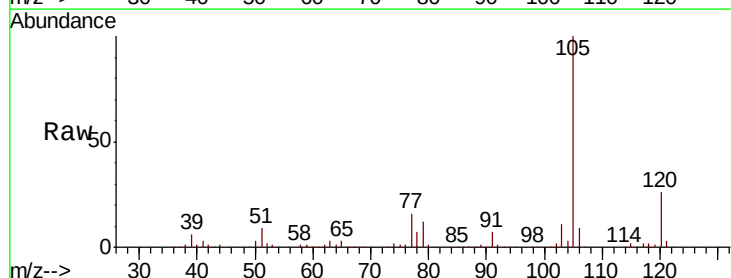
Acq: 14 Aug 2018 17:17

Tgt Ion:105 Resp: 92276

Ion Ratio Lower Upper

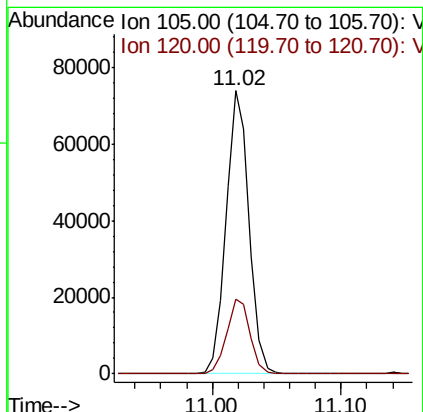
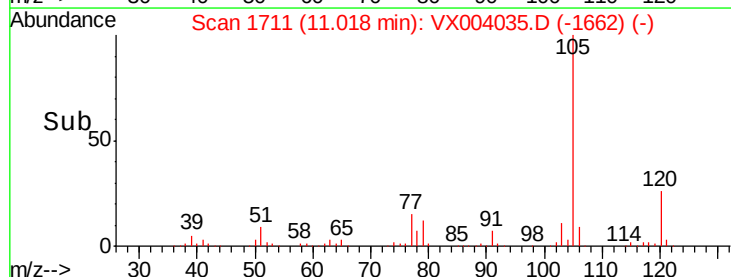
105 100

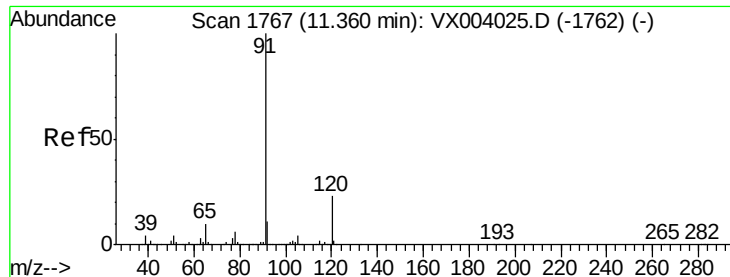
120 26.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 10.05 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

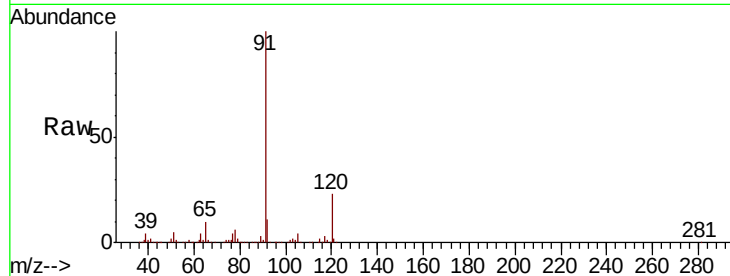
FL-0540DL

Tot Ion: 91 Resp: 203628

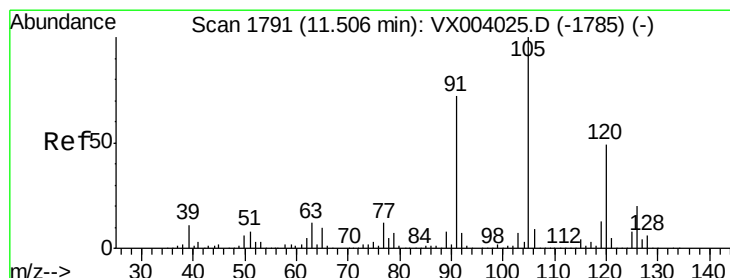
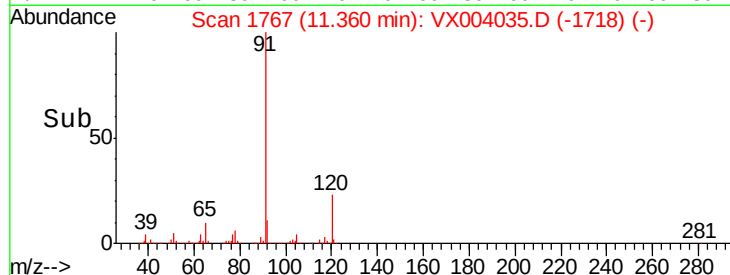
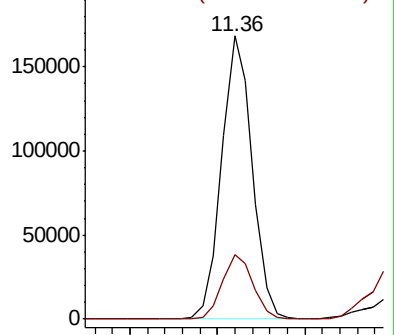
Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX004035.D (-1762) (-)



#80

1,3,5-Trimethylbenzene

Concen: 15.37 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004035.D

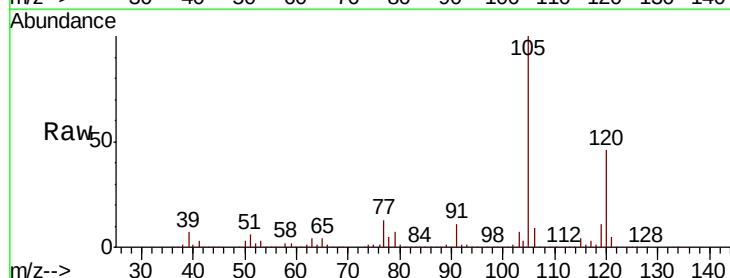
Acq: 14 Aug 2018 17:17

Tgt Ion:105 Resp: 227854

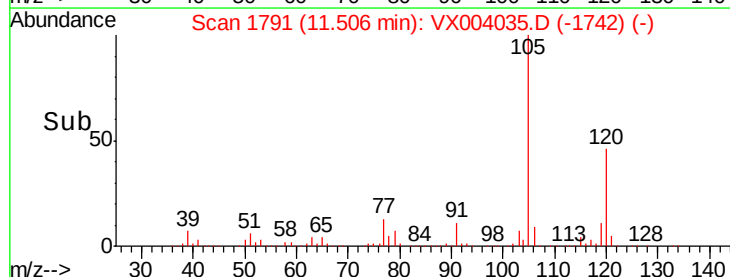
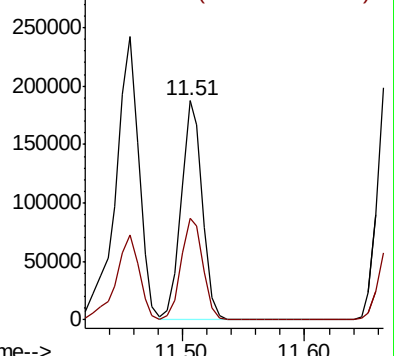
Ion Ratio Lower Upper

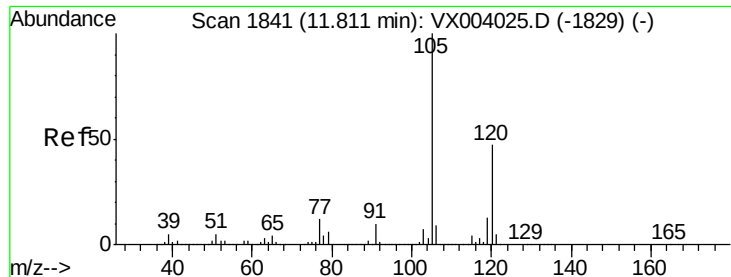
105 100

120 48.1 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): VX004035.D (-1785) (-)

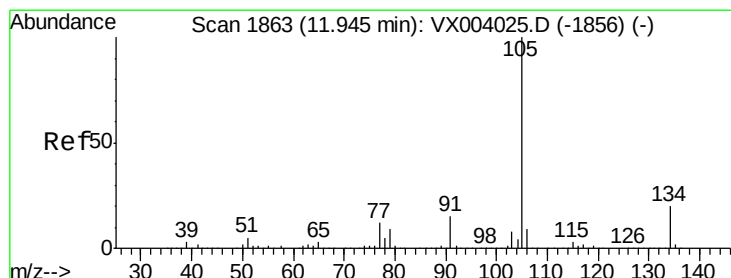
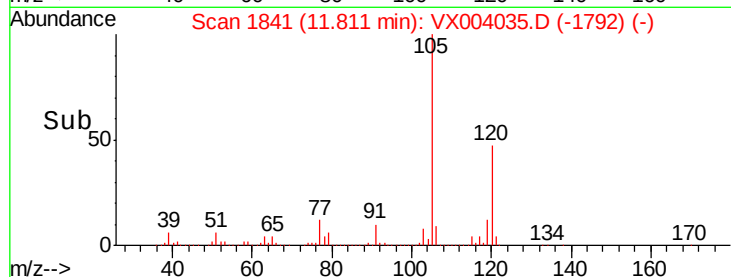
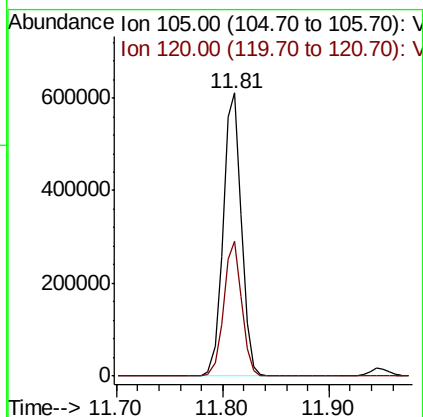
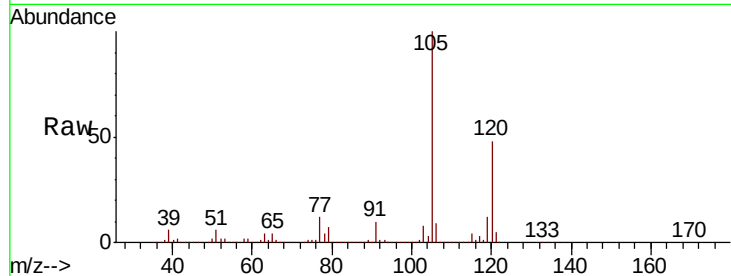




#84
1,2,4-Trimethylbenzene
Concen: 47.56 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

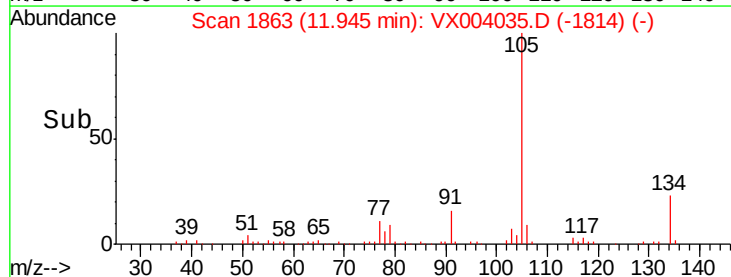
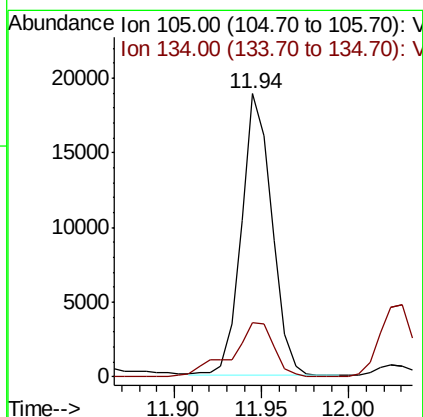
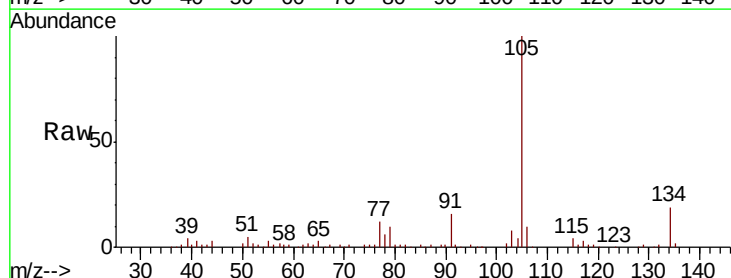
Instrument :
MSVOA_X
ClientSampleId :
FL-0540DL

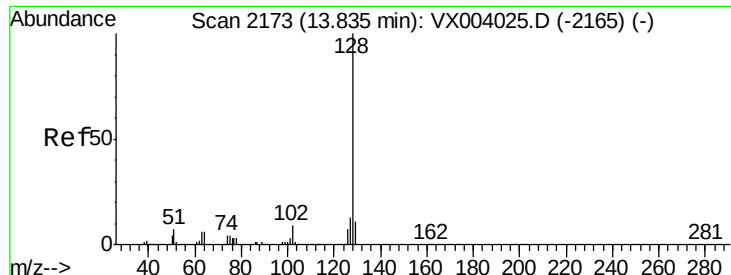
Tot Ion:105 Resp: 730253
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.2



#85
sec-Butylbenzene
Concen: 1.30 ug/l
RT: 11.94 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion:105 Resp: 22664
Ion Ratio Lower Upper
105 100
134 27.1 10.3 30.9

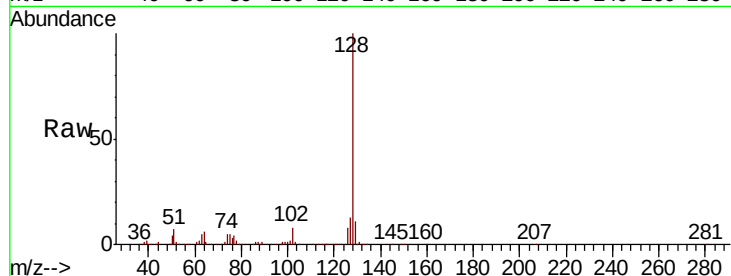




#95
Naphthalene
Concen: 4.96 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Instrument :
MSVOA_X
ClientSampleId :
FL-0540DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	12.2	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

