

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005602.D
 Acq On : 26 Oct 2018 14:02
 Operator : JC/MD
 Sample : J5665-02 10X
 Misc : 5.64g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-06B

Quant Time: Oct 27 05:15:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

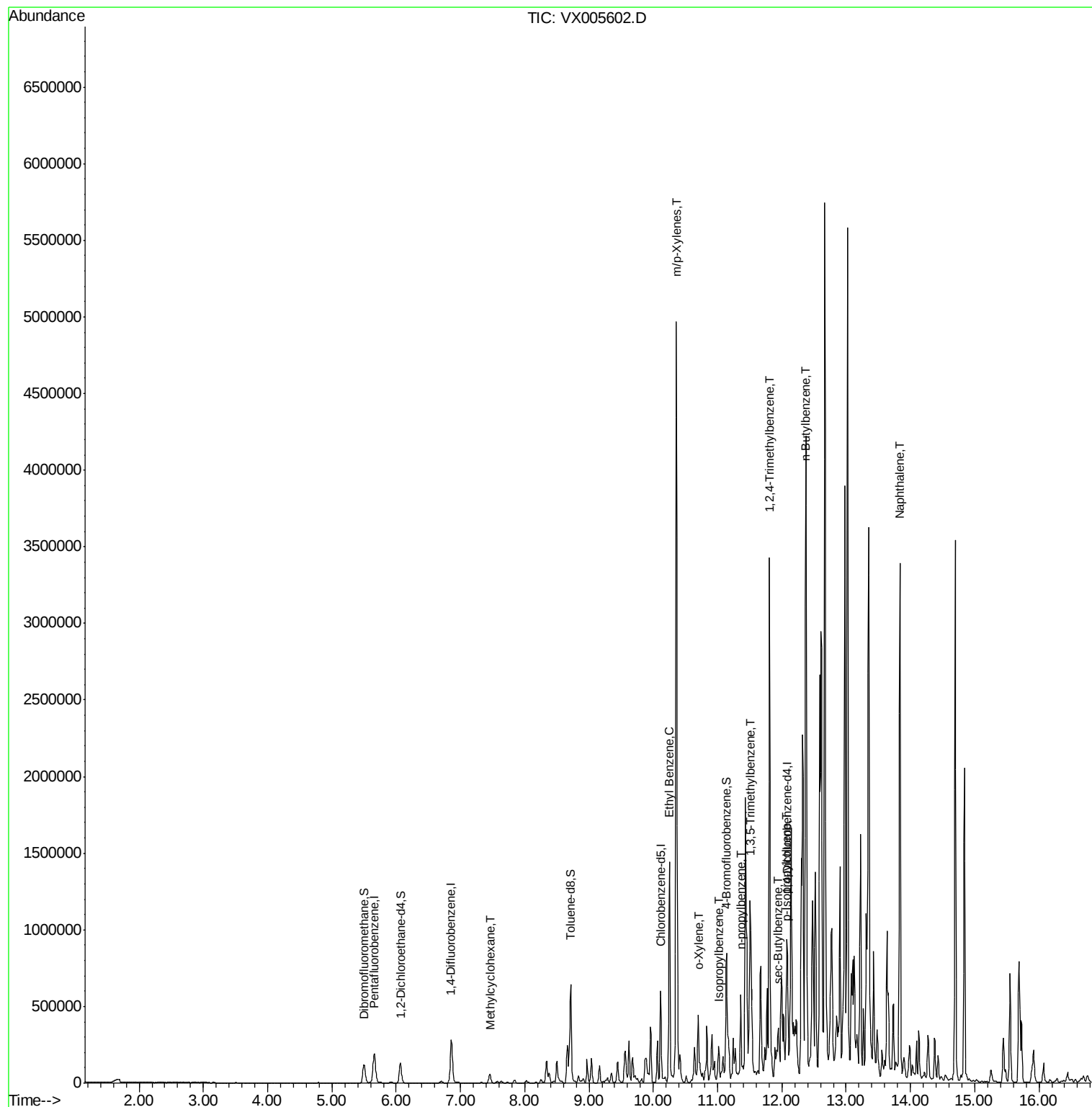
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	199285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124524	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.49	113	103563	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	8.71	98	378378	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
62) 4-Bromofluorobenzene	11.14	95	144686	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	23189	7.377	ug/l	94
67) Ethyl Benzene	10.25	91	814344	81.064	ug/l	100
68) m/p-Xylenes	10.36	106	1138408	292.090	ug/l	99
69) o-Xylene	10.70	106	88751	24.204	ug/l	99
73) Isopropylbenzene	11.02	105	107120	11.045	ug/l	100
78) n-propylbenzene	11.36	91	313093	28.232	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	459119	55.337	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1434331	170.577	ug/l	99
85) sec-Butylbenzene	11.94	105	60051	6.085	ug/l	99
86) p-Isopropyltoluene	12.07	119	72336	8.200	ug/l	97
89) n-Butylbenzene	12.38	91	563568	70.764	ug/l #	24
95) Naphthalene	13.83	128	2025786	186.955	ug/l	100

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

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DL-06B

Quant Time: Oct 27 05:15:44 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

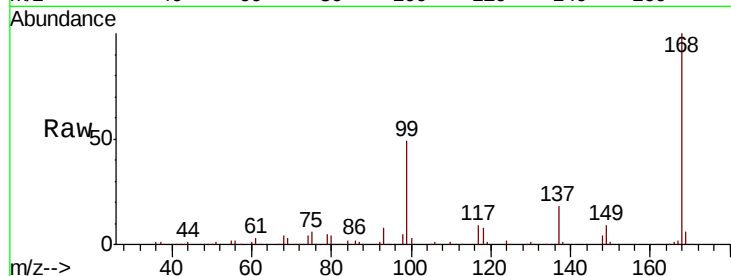
DL-06B

Tot Ion:168 Resp: 199285

Ion Ratio Lower Upper

168 100

99 49.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005535.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005535.D (-727) (-)

5.66

80000

60000

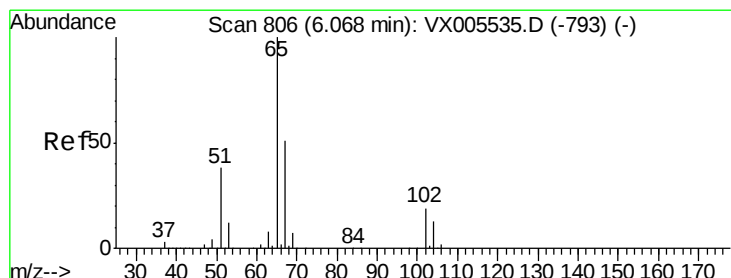
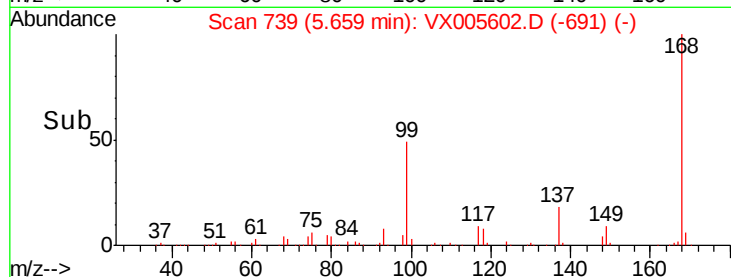
40000

20000

0

5.60 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.189 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005602.D

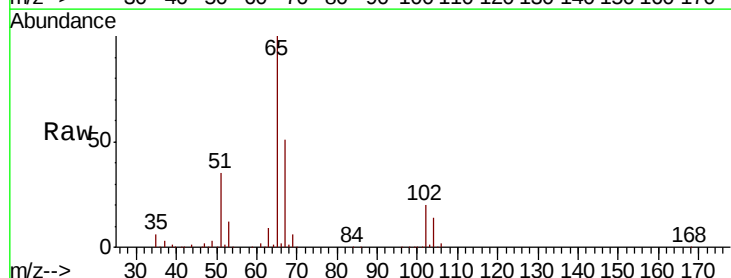
Acq: 26 Oct 2018 14:02

Tgt Ion: 65 Resp: 124524

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX005535.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX005535.D (-793) (-)

6.07

50000

40000

30000

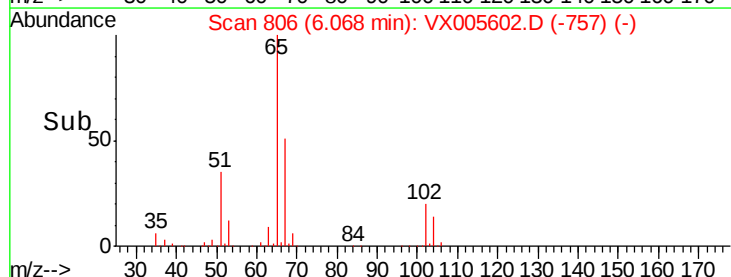
20000

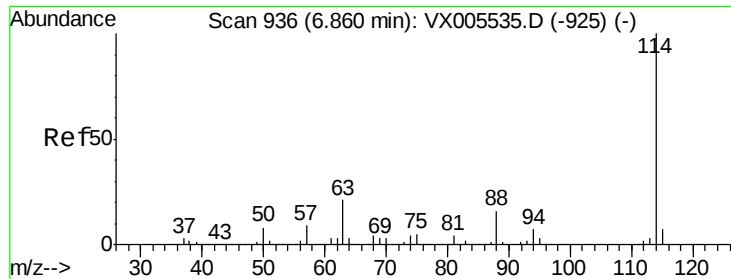
10000

0

5.90 6.00 6.10 6.20

Time-->

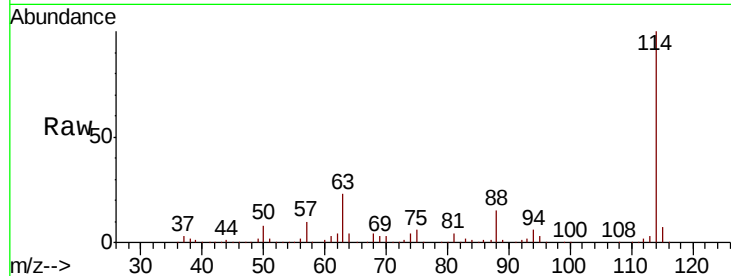




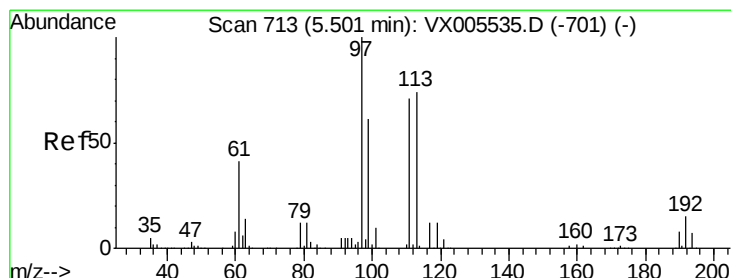
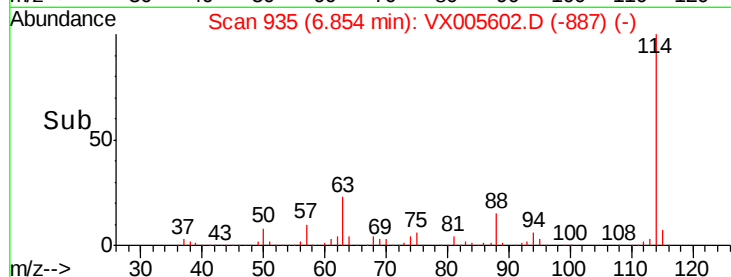
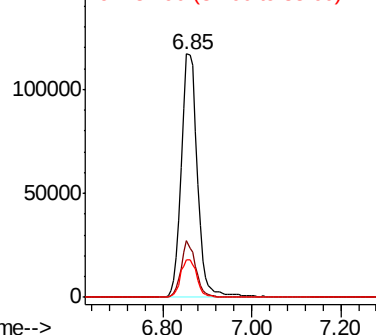
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
DL-06B

Tot Ion:114 Resp: 293332
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.8
88 15.4 0.0 31.2

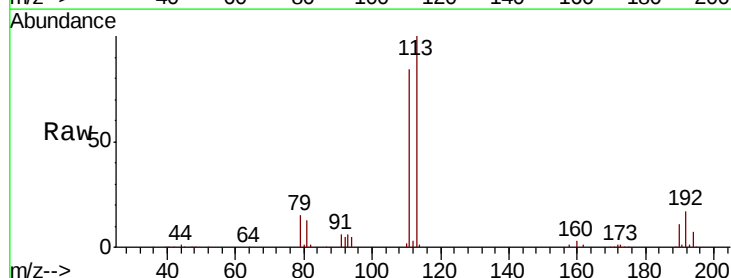


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

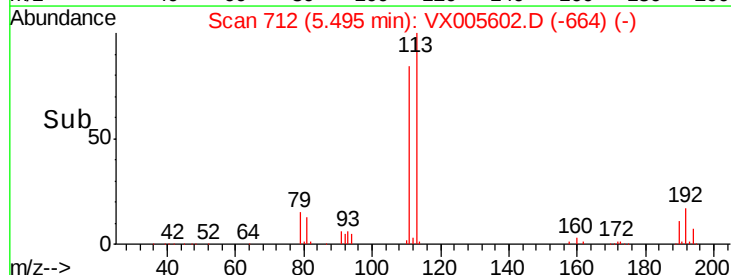
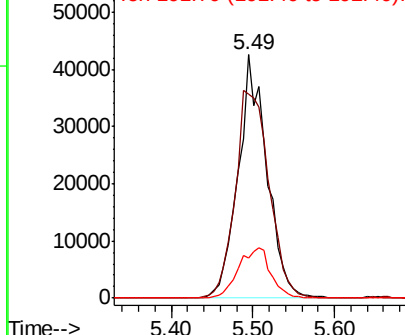


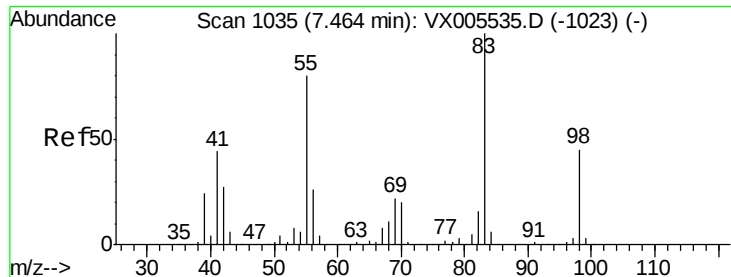
#35
Dibromofluoromethane
Concen: 52.141 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion:113 Resp: 103563
Ion Ratio Lower Upper
113 100
111 101.0 82.3 123.5
192 23.6 17.9 26.9



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

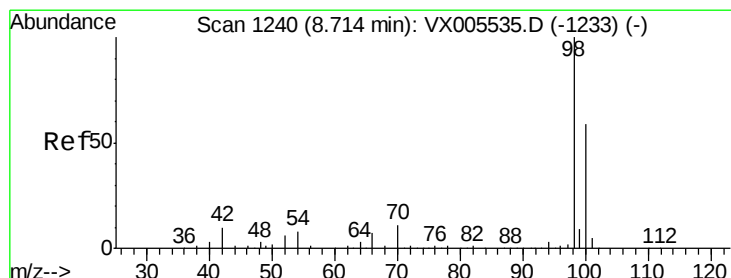
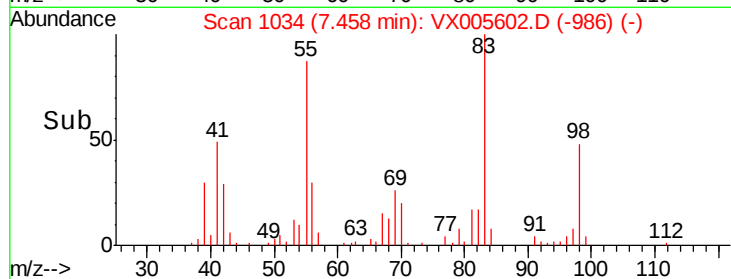
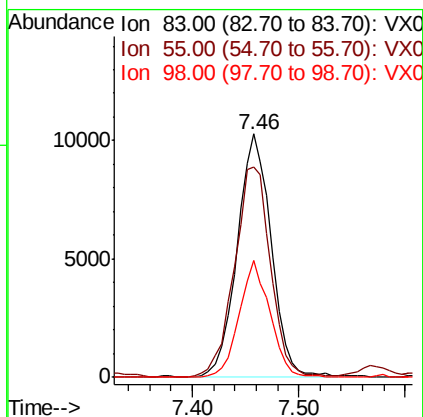
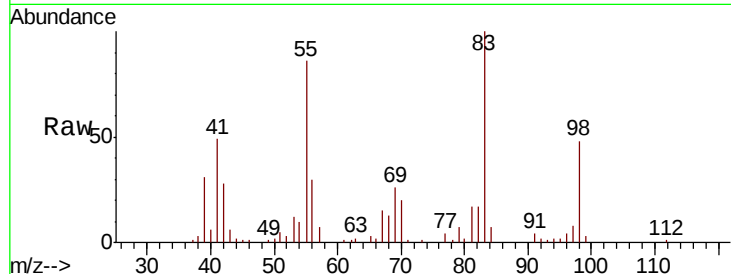




#39
Methvlcvclohexane
Concen: 7.377 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

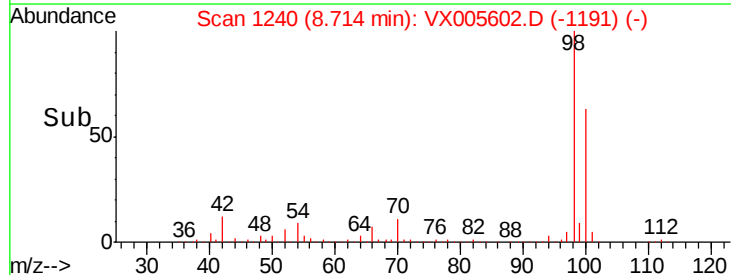
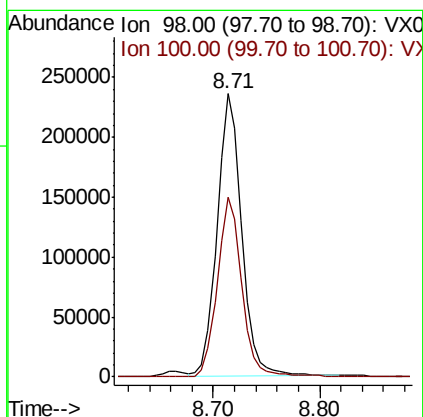
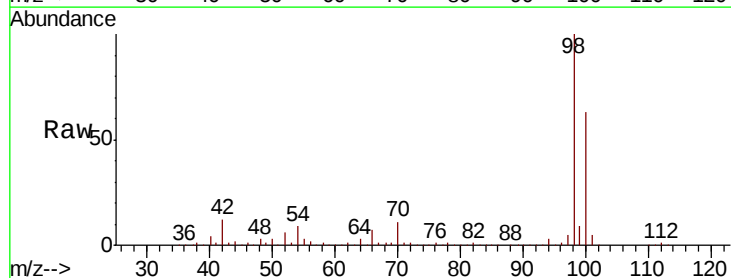
Instrument :
MSVOA_X
ClientSampled :
DL-06B

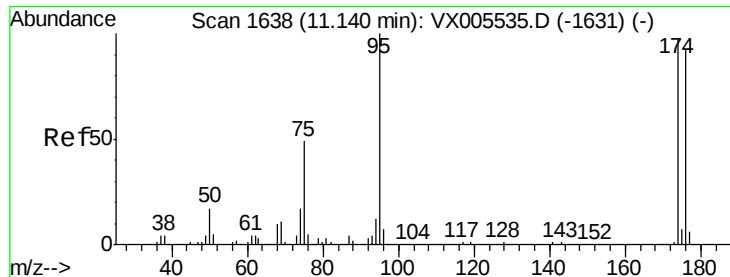
Tot Ion: 83 Resp: 23189
Ion Ratio Lower Upper
83 100
55 86.3 63.7 95.5
98 48.1 36.2 54.2



#50
Toluene-d8
Concen: 53.018 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion: 98 Resp: 378378
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 53.683 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

DL-06B

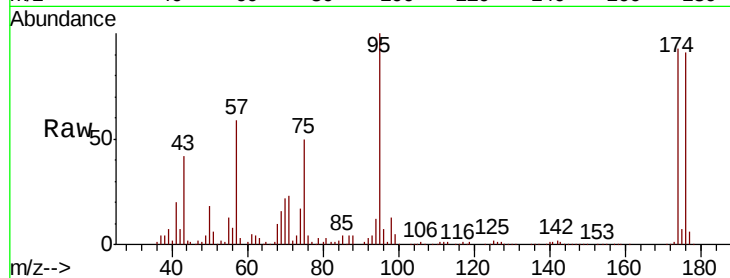
Tot Ion: 95 Resp: 144686

Ion Ratio Lower Upper

95 100

174 90.0 0.0 184.4

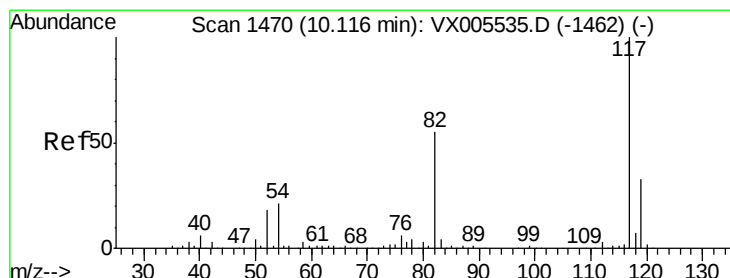
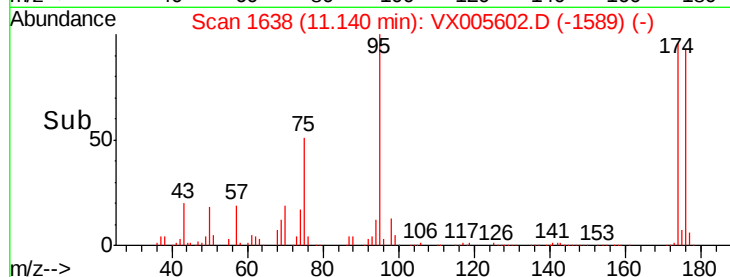
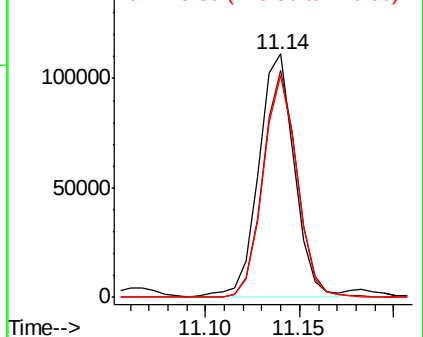
176 87.7 0.0 177.4



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

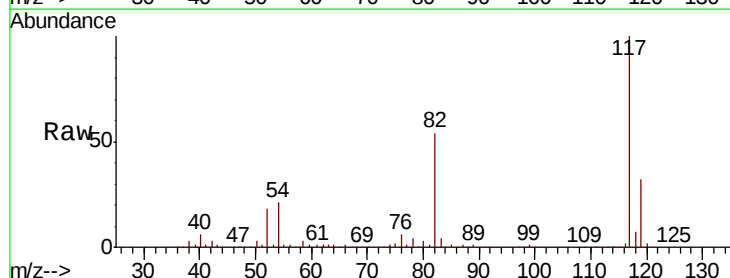
Tgt Ion: 117 Resp: 286731

Ion Ratio Lower Upper

117 100

82 54.2 44.1 66.1

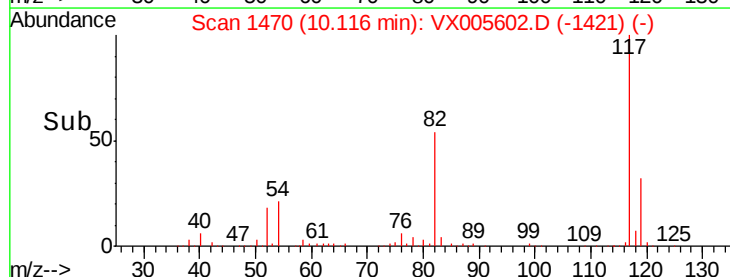
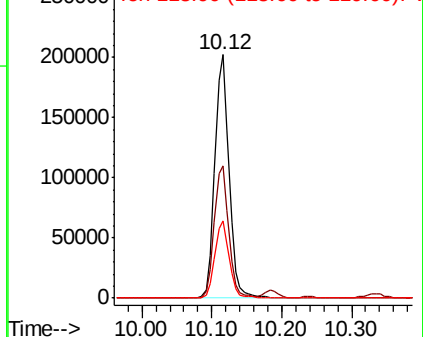
119 31.6 26.2 39.2

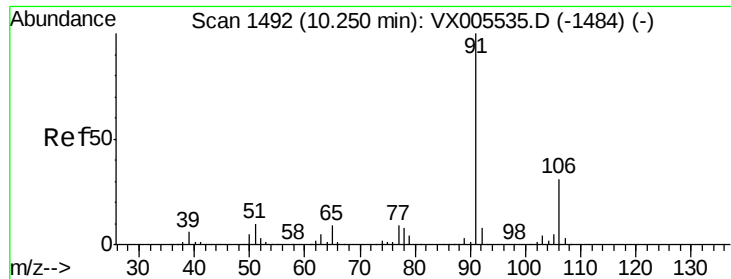


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

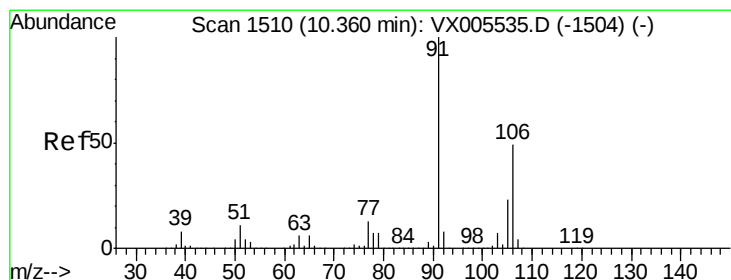
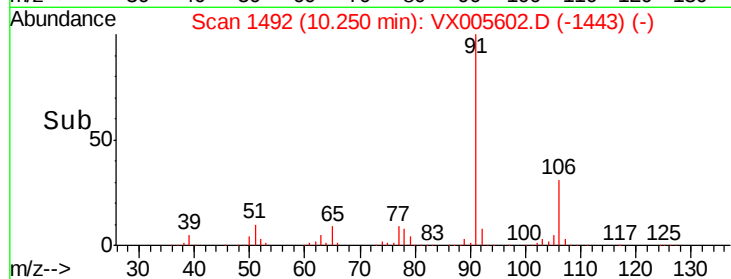
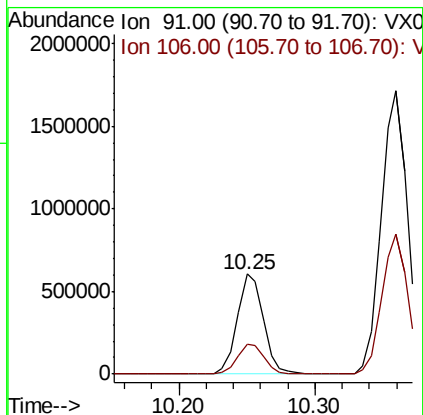
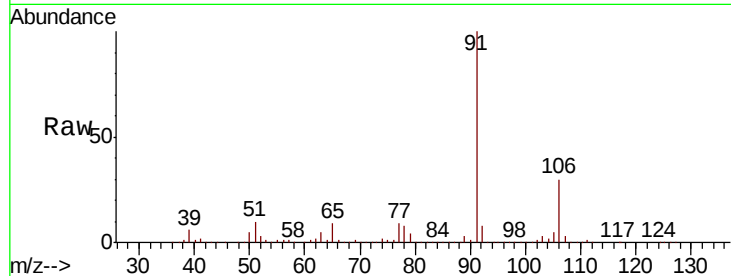




#67
Ethyl Benzene
Concen: 81.064 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

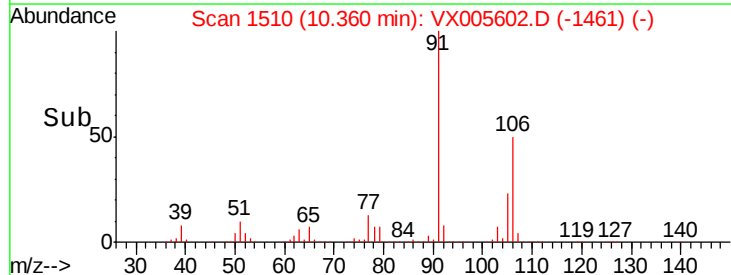
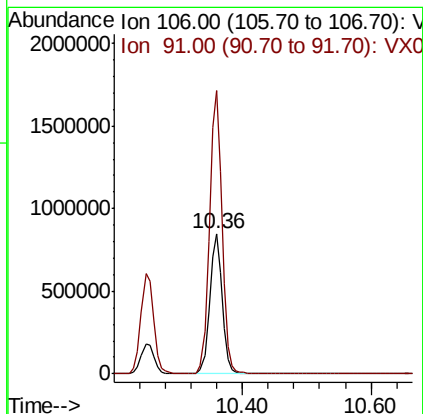
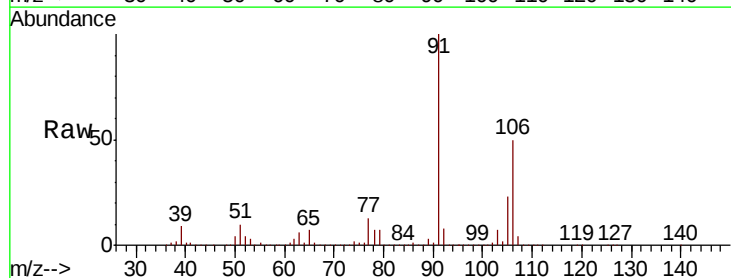
Instrument :
MSVOA_X
ClientSampleID :
DL-06B

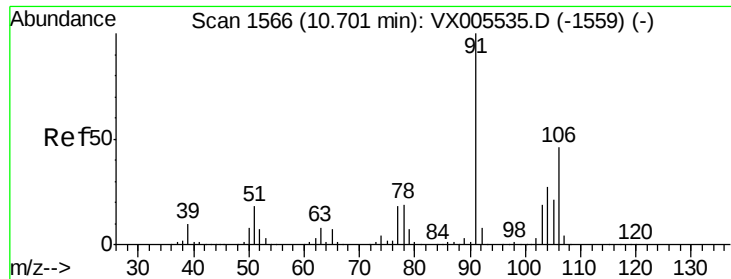
Tot Ion: 91 Resp: 814344
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 292.090 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion: 106 Resp: 1138408
Ion Ratio Lower Upper
106 100
91 204.5 164.2 246.4

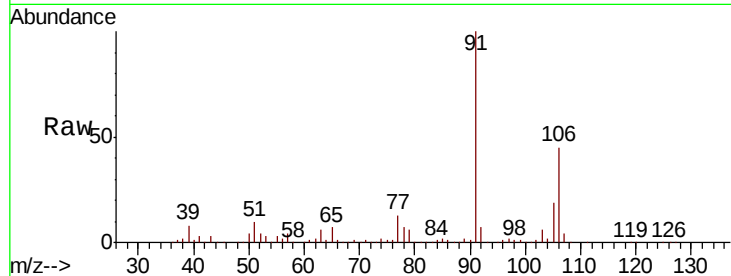




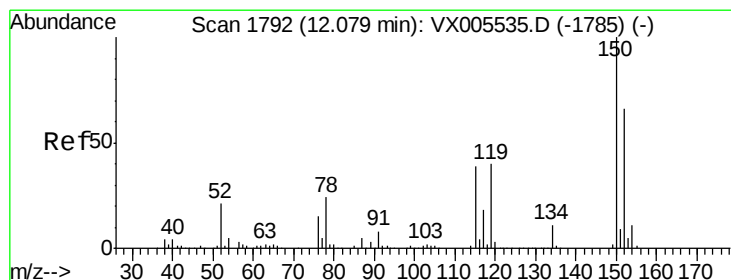
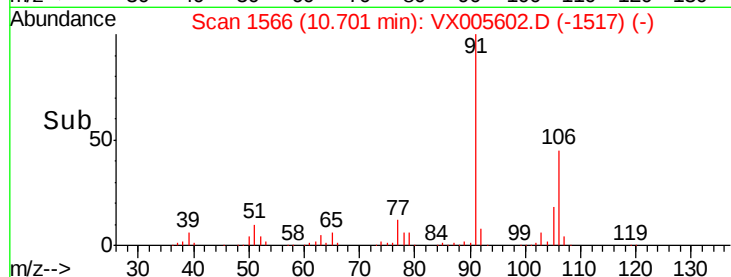
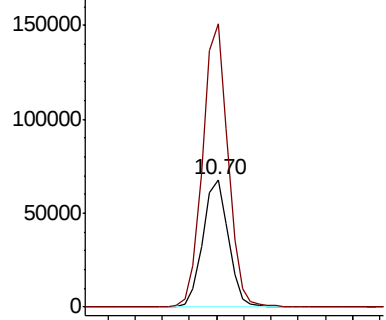
#69
o-Xylene
Concen: 24.204 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
DL-06B

Tot Ion:106 Resp: 88751
Ion Ratio Lower Upper
106 100
91 218.5 108.5 325.5

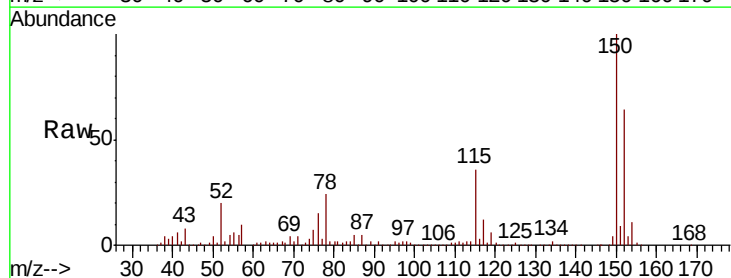


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

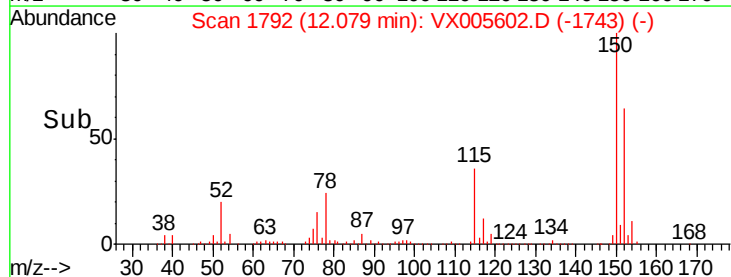
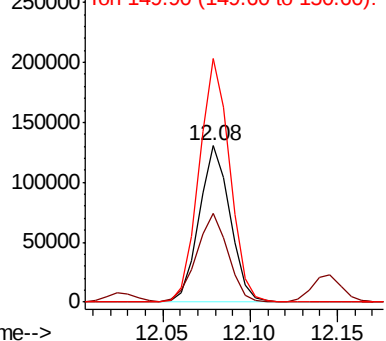


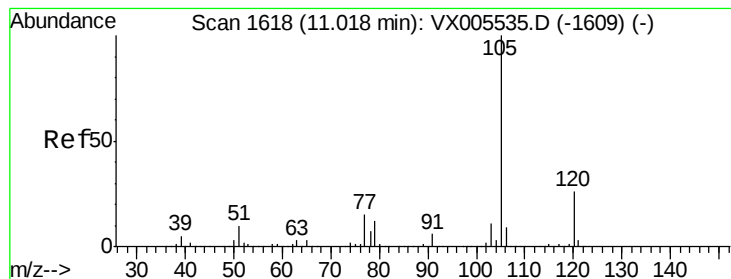
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion:152 Resp: 158661
Ion Ratio Lower Upper
152 100
115 58.2 39.4 118.1
150 156.2 0.0 346.4



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: 11.045 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

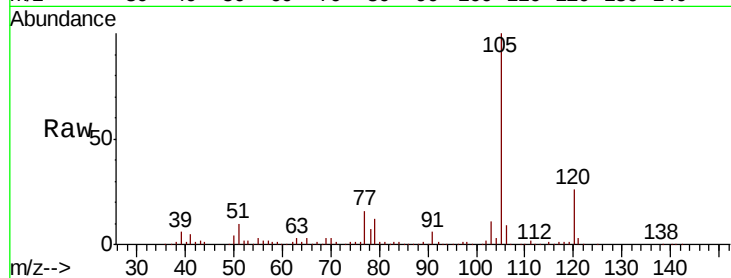
DL-06B

Tot Ion: 105 Resp: 107120

Ion Ratio Lower Upper

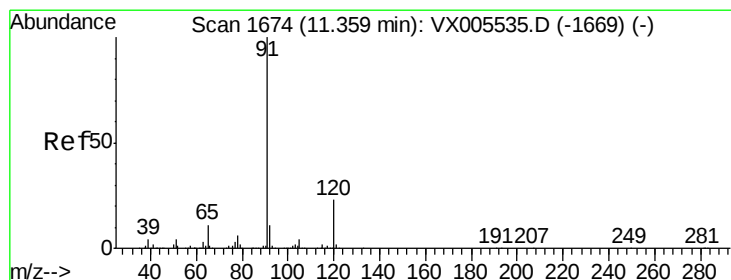
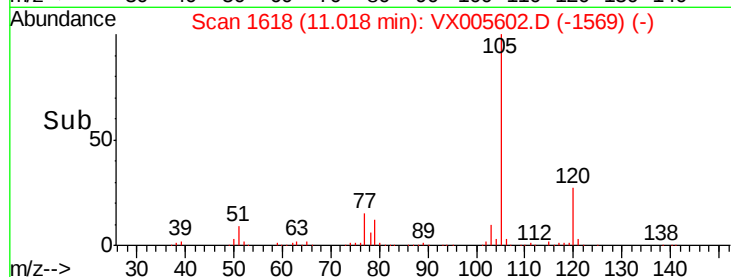
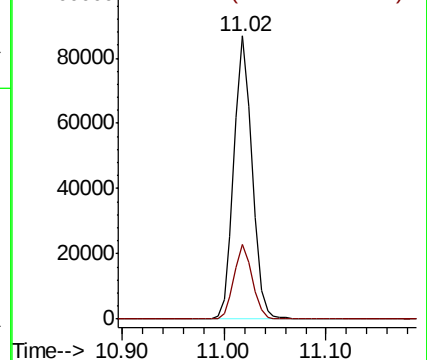
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 28.232 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005602.D

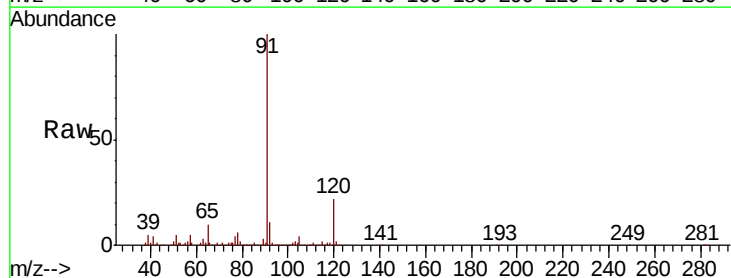
Acq: 26 Oct 2018 14:02

Tgt Ion: 91 Resp: 313093

Ion Ratio Lower Upper

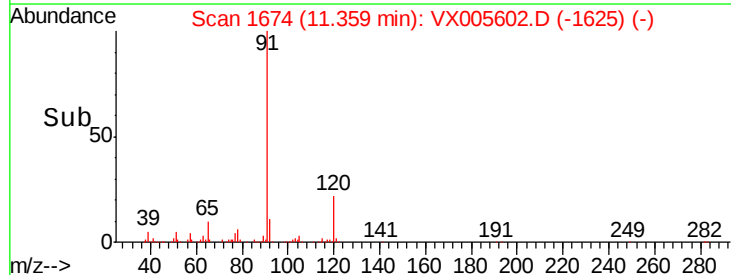
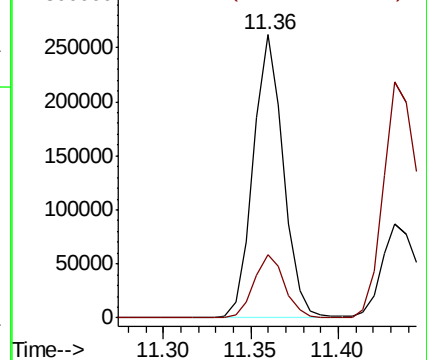
91 100

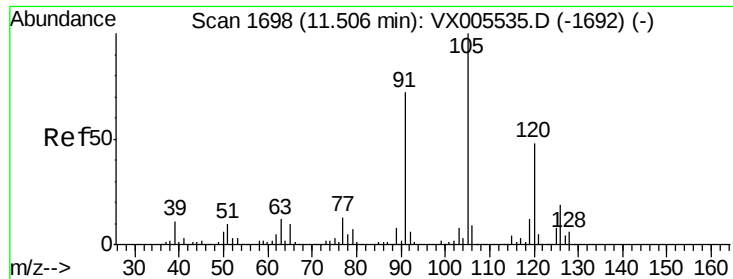
120 22.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

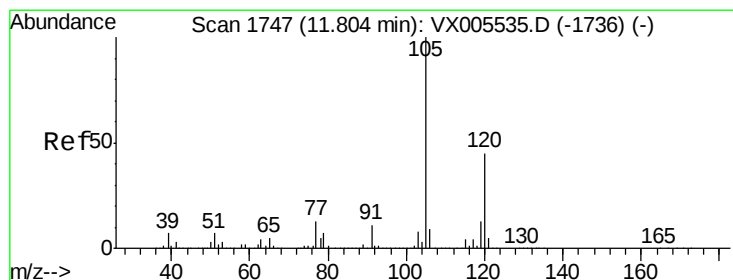
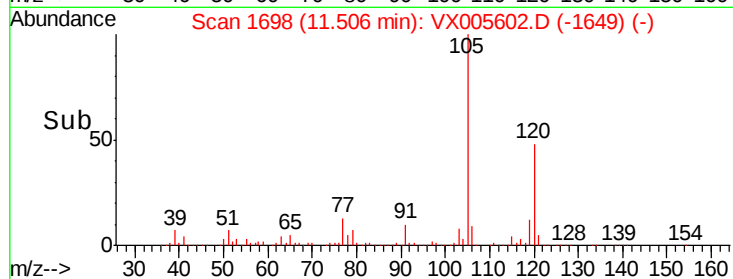
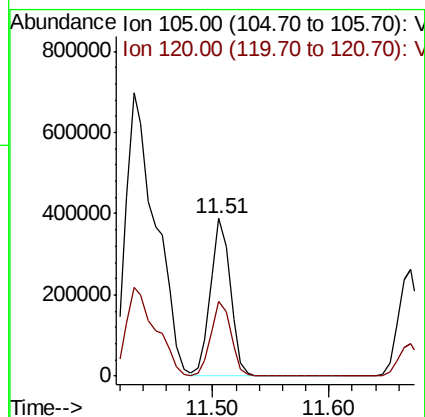
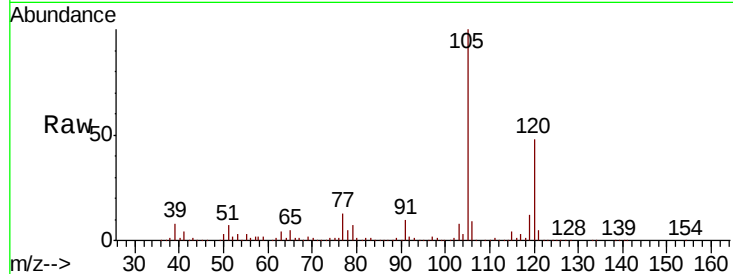




#80
 1,3,5-Trimethylbenzene
 Concen: 55.337 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

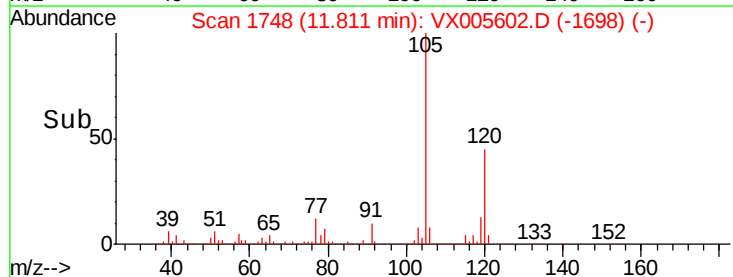
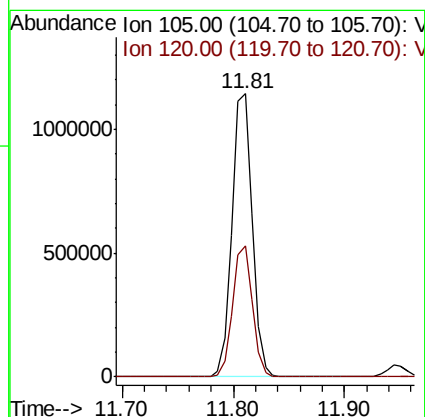
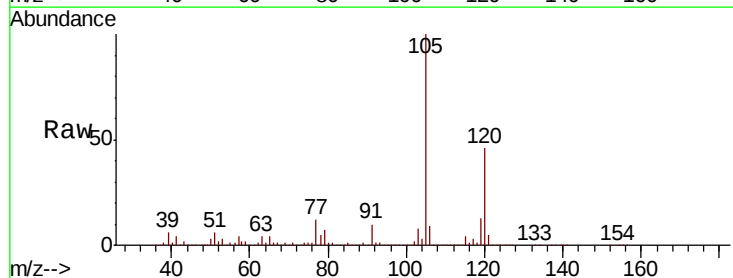
Instrument :
 MSVOA_X
 ClientSampleId :
 DL-06B

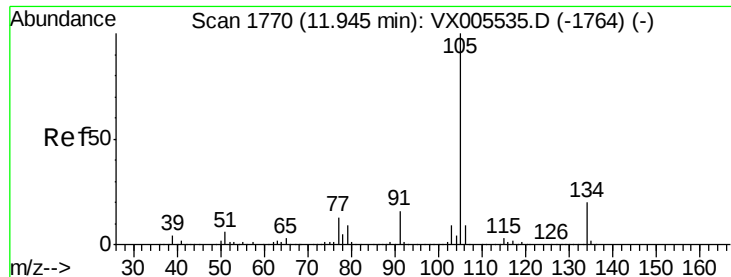
Tot Ion:105 Resp: 459119
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 170.577 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

Tgt Ion:105 Resp: 1434331
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.0

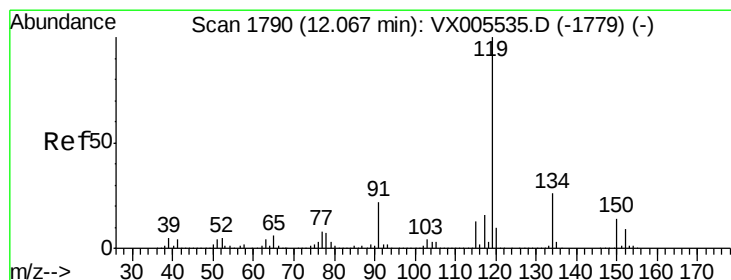
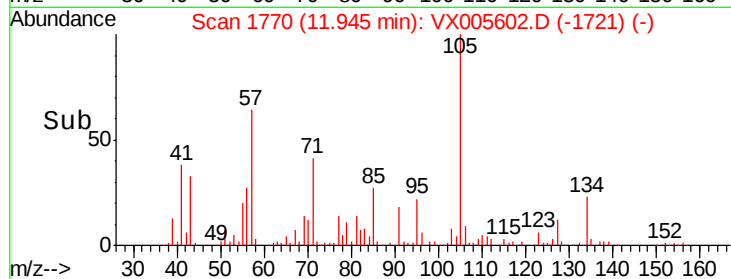
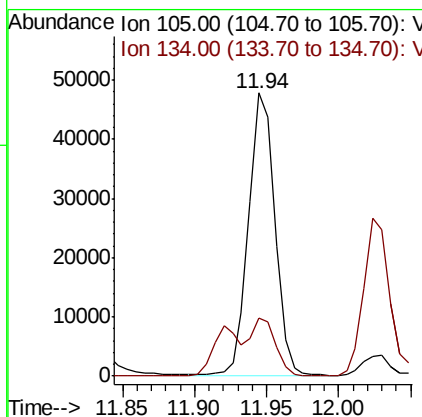
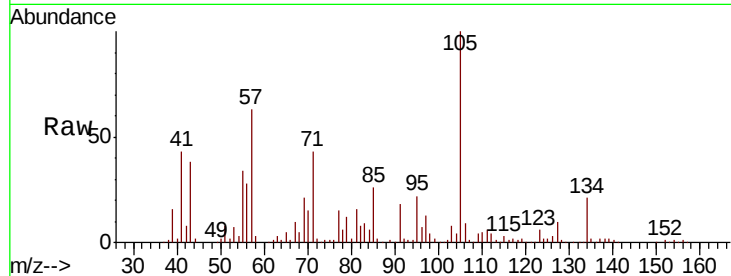




#85
 sec-Butylbenzene
 Concen: 6.085 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

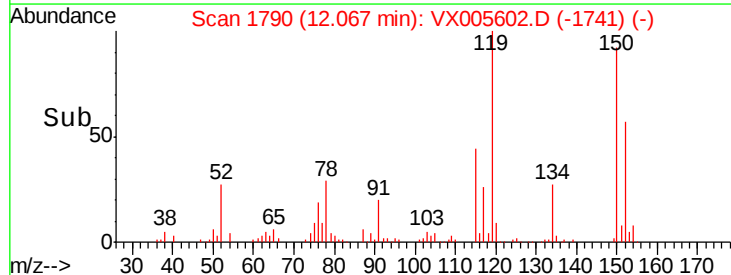
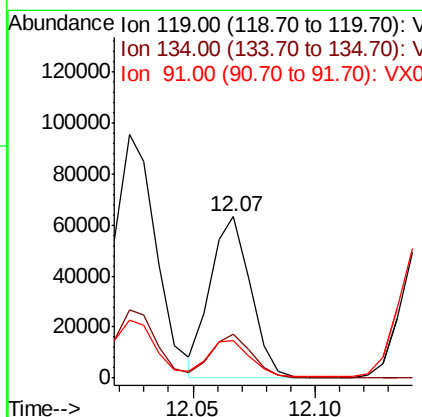
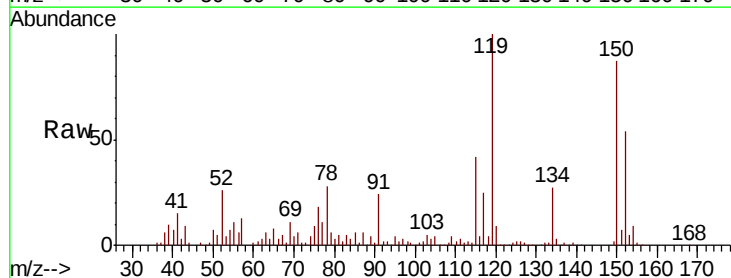
Instrument :
 MSVOA_X
 ClientSampled :
 DL-06B

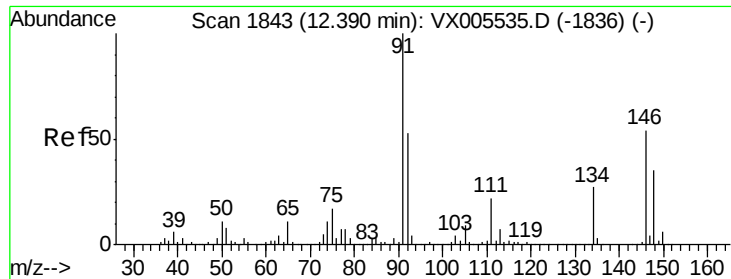
Tot Ion:105 Resp: 60051
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 8.200 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

Tgt Ion:119 Resp: 72336
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 24.0 11.4 34.2

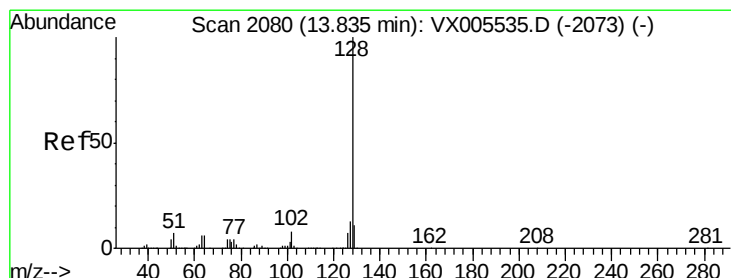
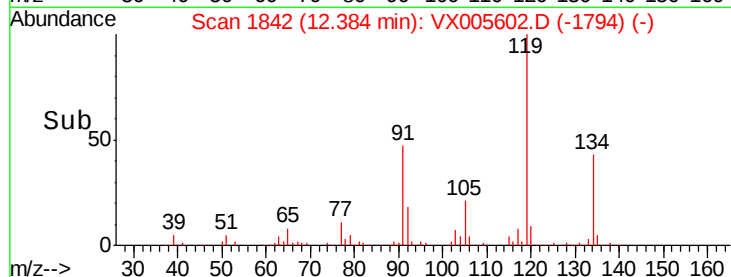
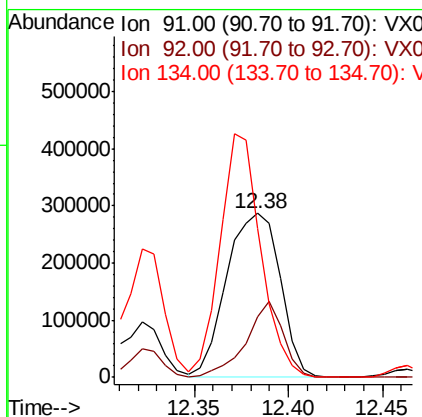
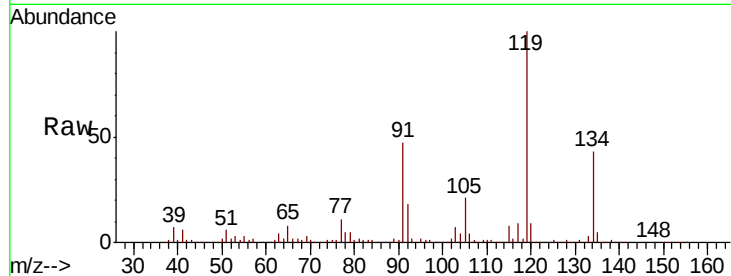




#89
n-Butylbenzene
Concen: 70.764 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
DL-06B

Tot Ion: 91 Resp: 563568
Ion Ratio Lower Upper
91 100
92 32.3 26.1 78.2
134 113.0 13.1 39.3#



#95
Naphthalene
Concen: 186.955 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion:128 Resp: 2025786
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.7 13.1

