

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005897.D
 Acq On : 12 Nov 2018 13:48
 Operator : JC/MD
 Sample : J5889-11DL 10X
 Misc : 12.72g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-BDL

Quant Time: Nov 13 05:37:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	109561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	85381	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	68624	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	5.50	113	53397	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	205228	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	
62) 4-Bromofluorobenzene	11.14	95	78095	57.74	ug/l	0.00
Spiked Amount			Recovery	=	115.48%	

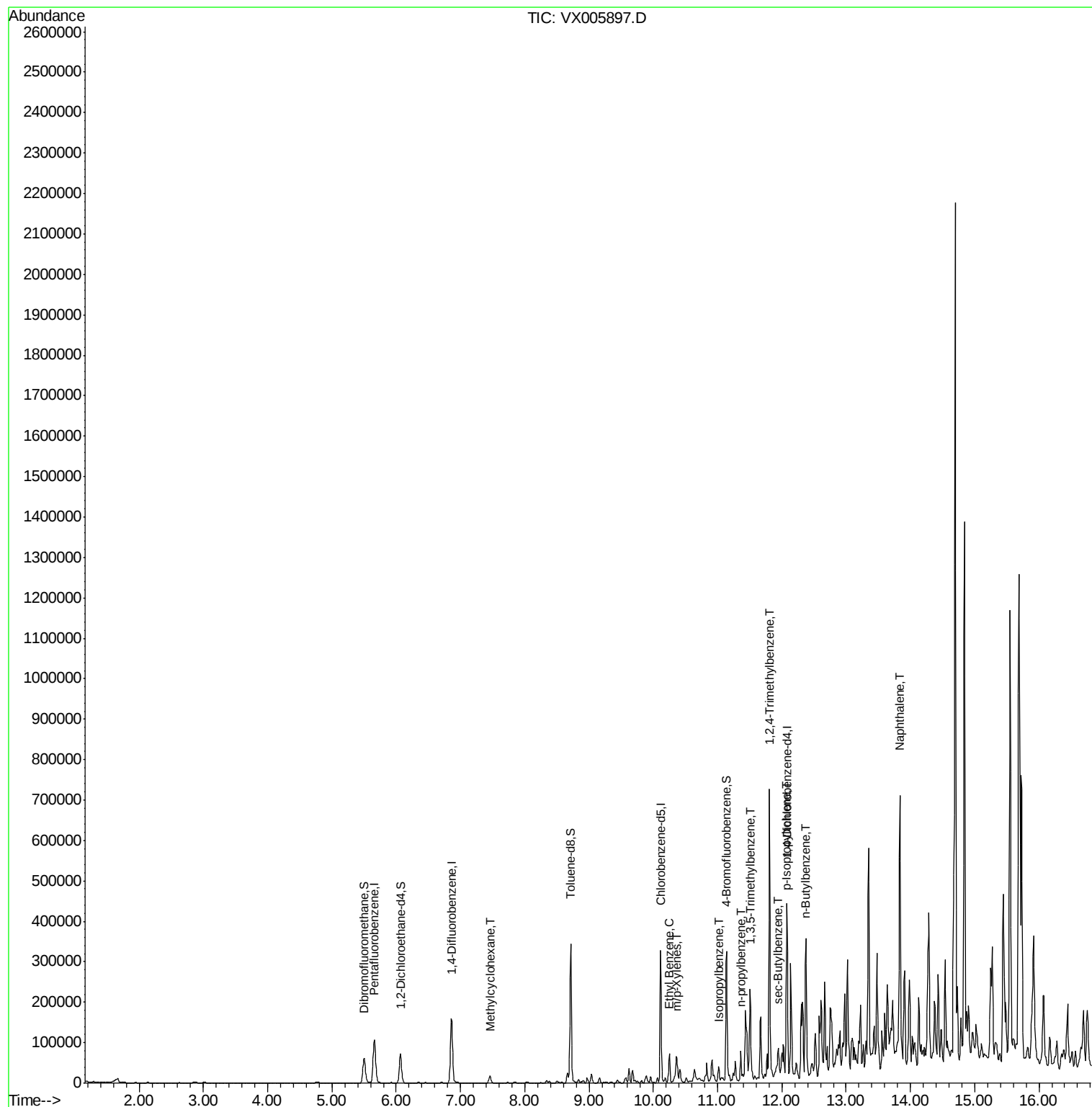
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	7311	4.498	ug/l	90
67) Ethyl Benzene	10.25	91	38442	7.623	ug/l	100
68) m/p-Xylenes	10.36	106	12379	6.436	ug/l	97
73) Isopropylbenzene	11.02	105	17374	3.519	ug/l	99
78) n-propylbenzene	11.36	91	43947	7.552	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	90314	21.525	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	318228	68.770	ug/l	100
85) sec-Butylbenzene	11.94	105	23368	4.502	ug/l	83
86) p-Isopropyltoluene	12.07	119	22807	4.960	ug/l	96
89) n-Butylbenzene	12.38	91	42785	10.040	ug/l #	30
95) Naphthalene	13.83	128	406488	65.794	ug/l	99

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

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Quant Time: Nov 13 05:37:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

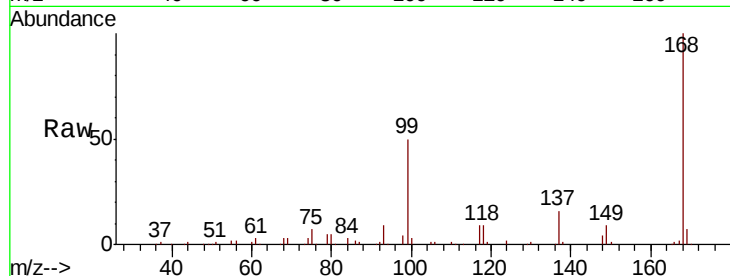
BOTTOM-BDL

Tot Ion:168 Resp: 109561

Ion Ratio Lower Upper

168 100

99 50.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

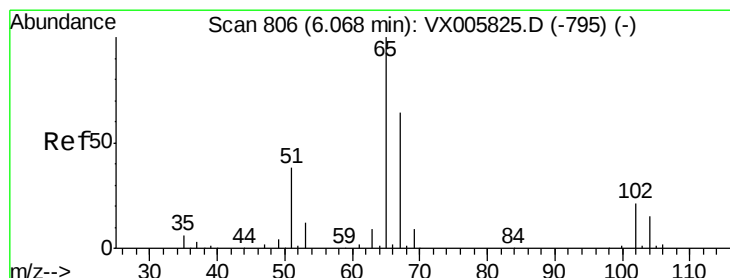
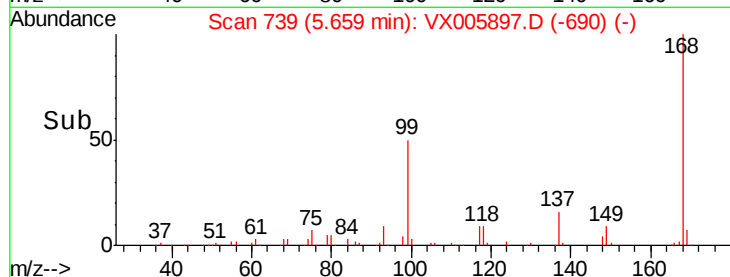
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.483 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005897.D

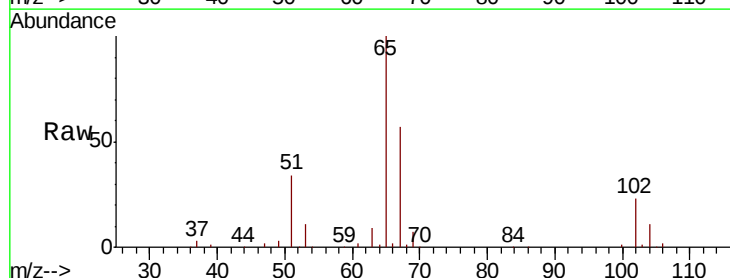
Acq: 12 Nov 2018 13:48

Tgt Ion: 65 Resp: 68624

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

25000

20000

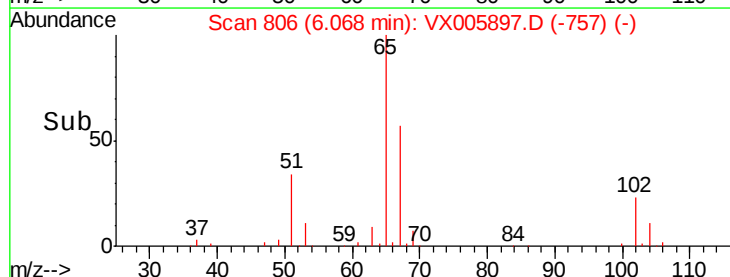
15000

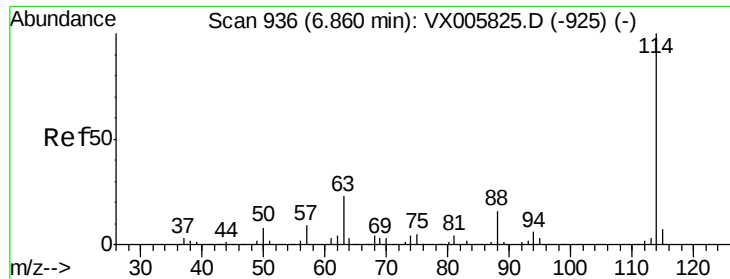
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

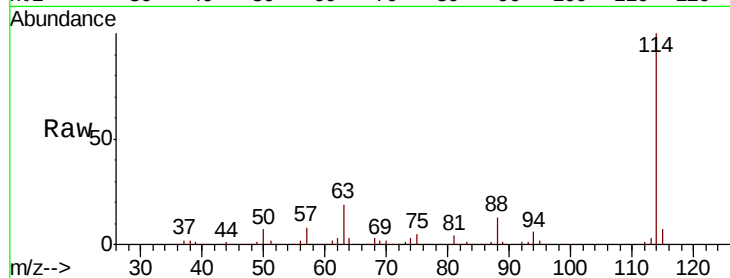




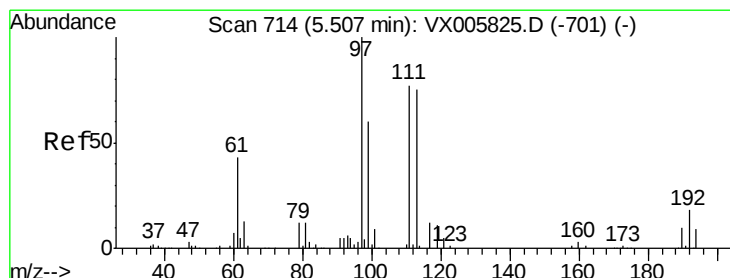
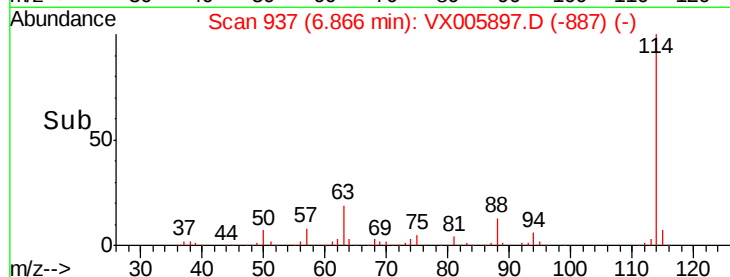
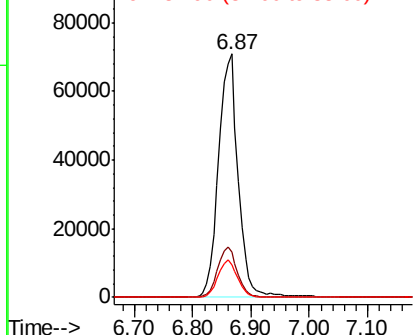
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion:114 Resp: 166371
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.8
88 13.5 0.0 31.2

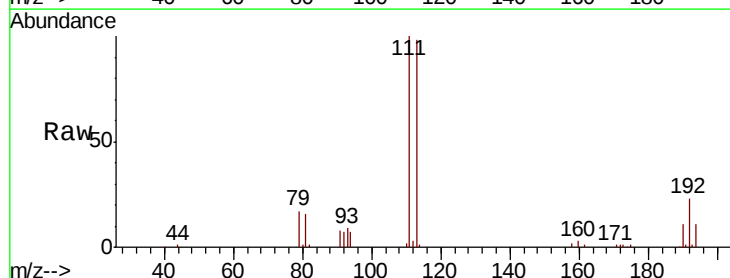


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

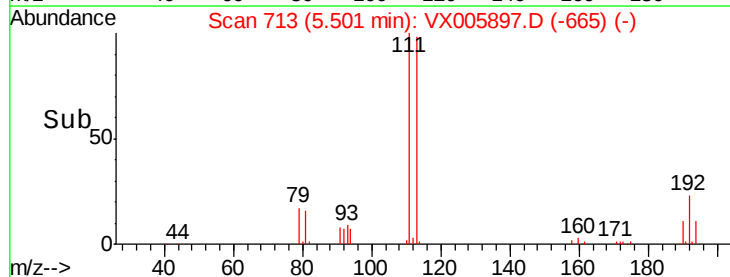
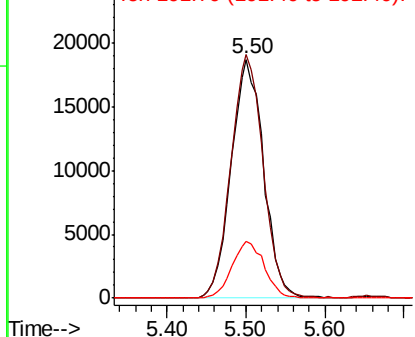


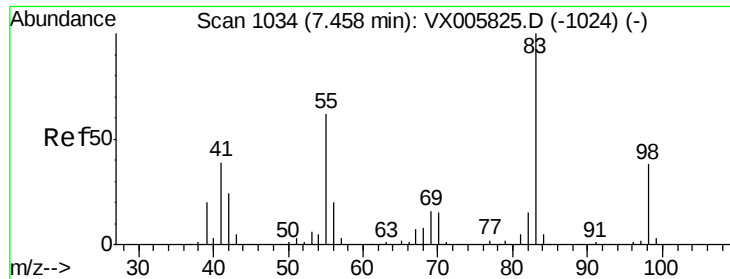
#35
Dibromofluoromethane
Concen: 47.188 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion:113 Resp: 53397
Ion Ratio Lower Upper
113 100
111 101.7 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

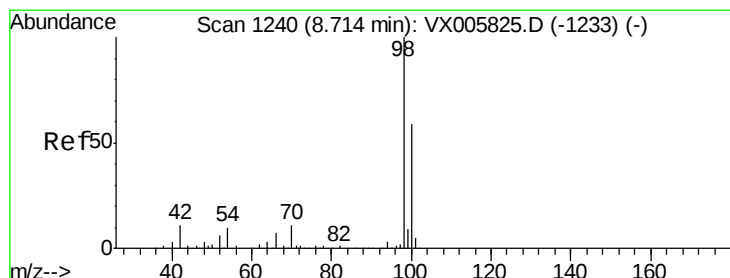
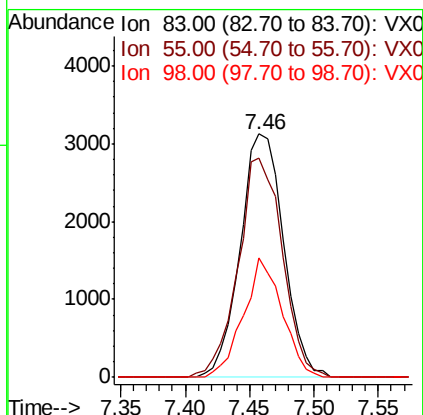
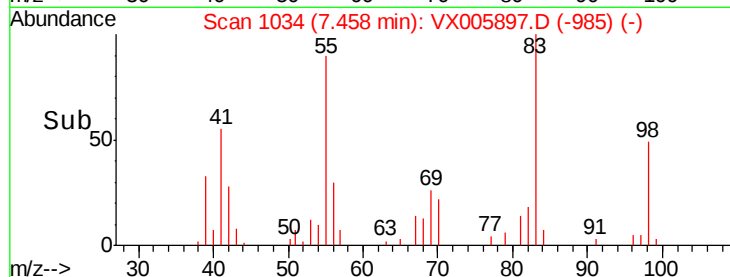
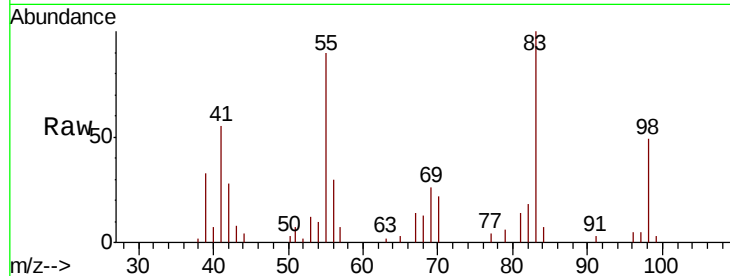




#39
Methvlcvclohexane
Concen: 4.498 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

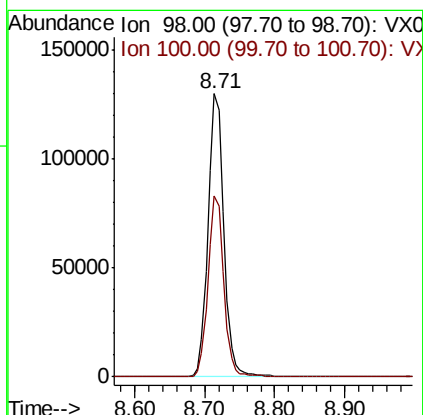
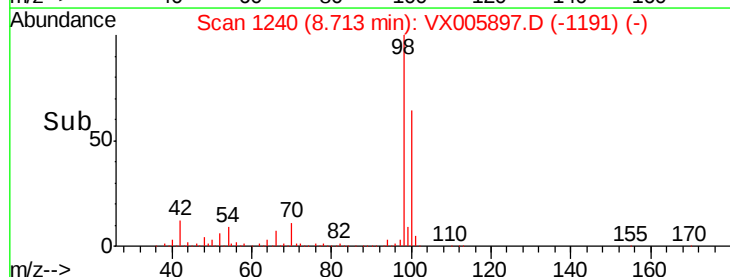
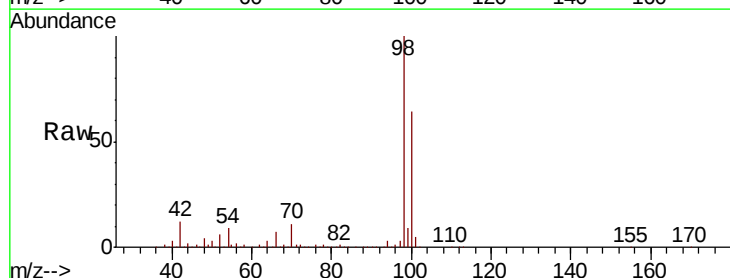
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

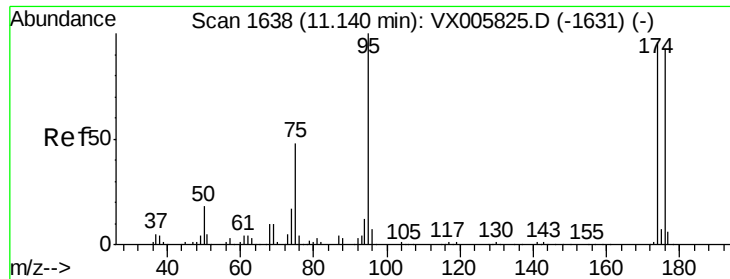
Tot Ion: 83 Resp: 7311
Ion Ratio Lower Upper
83 100
55 90.1 63.7 95.5
98 48.9 36.2 54.2



#50
Toluene-d8
Concen: 54.553 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion: 98 Resp: 205228
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 57.738 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-BDL

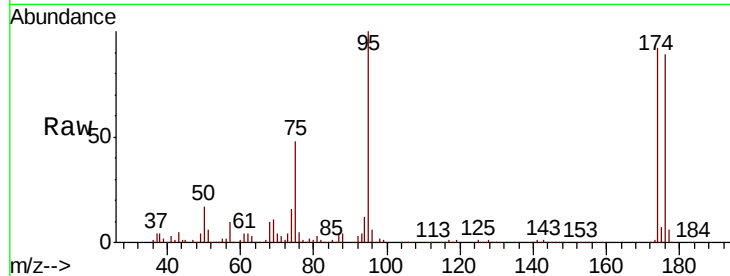
Tot Ion: 95 Resp: 78095

Ion Ratio Lower Upper

95 100

174 90.1 0.0 184.4

176 87.7 0.0 177.4

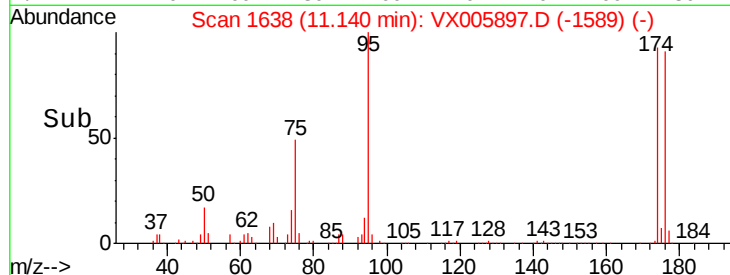


Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)

Time-->

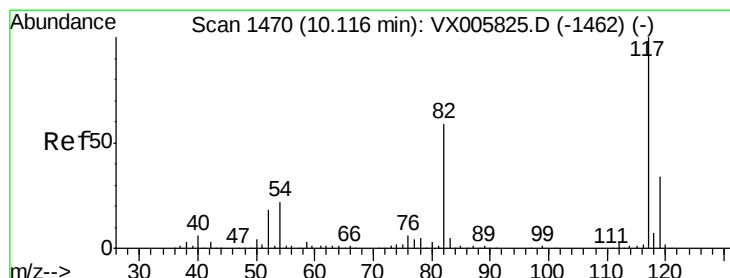


Abundance Ion 94.90 (94.60 to 95.60): VX005897.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005897.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005897.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

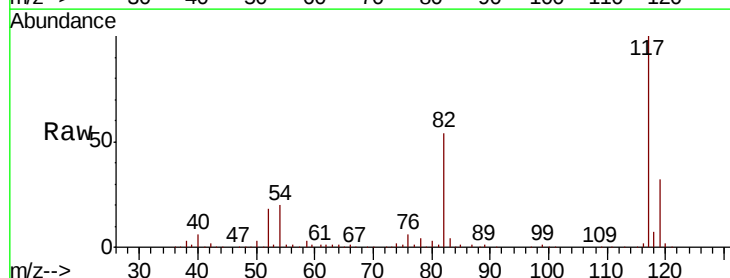
Tgt Ion: 117 Resp: 156983

Ion Ratio Lower Upper

117 100

82 54.0 44.1 66.1

119 32.4 26.2 39.2

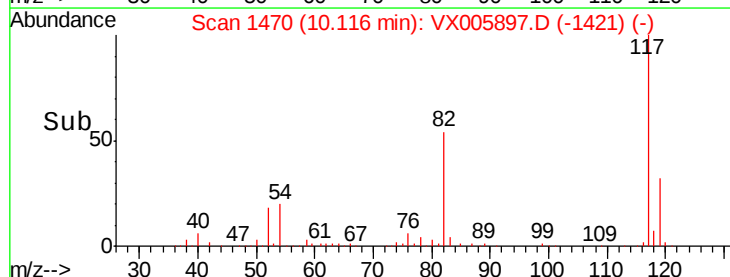


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)

Time-->

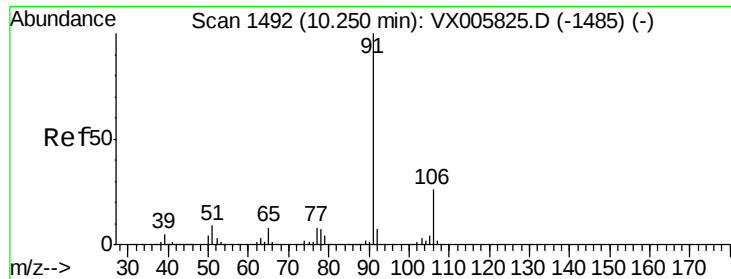


Abundance Ion 116.90 (116.60 to 117.60): VX005897.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005897.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005897.D (-1421) (-)

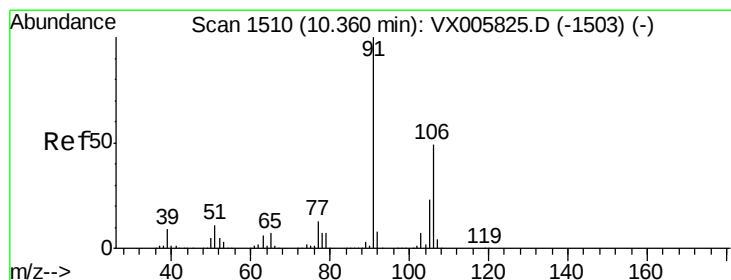
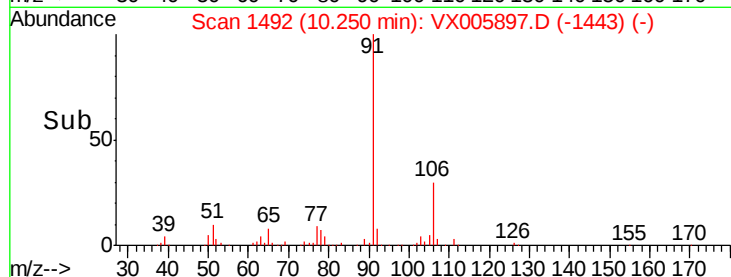
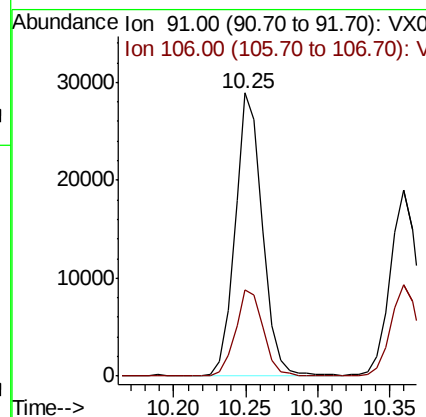
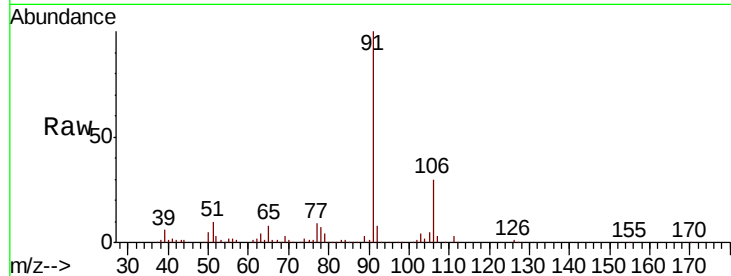
Time-->



#67
Ethyl Benzene
Concen: 7.623 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

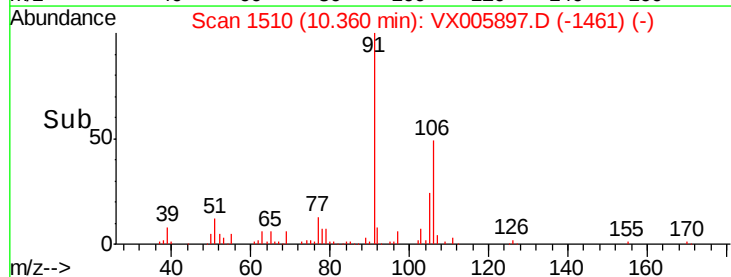
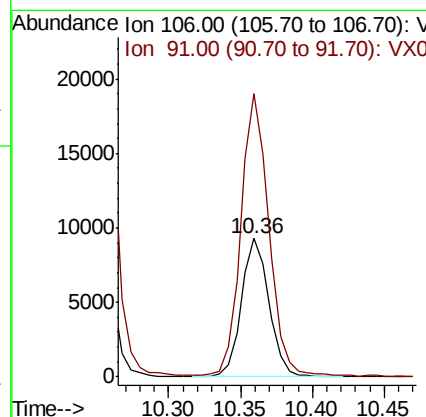
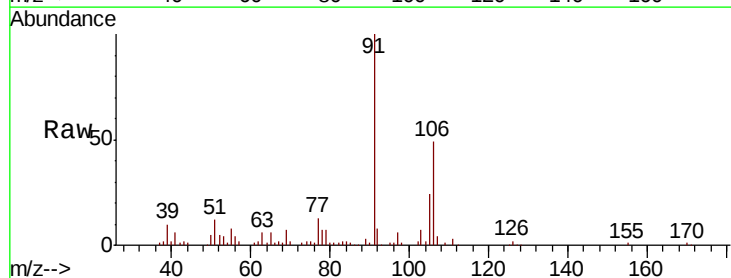
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

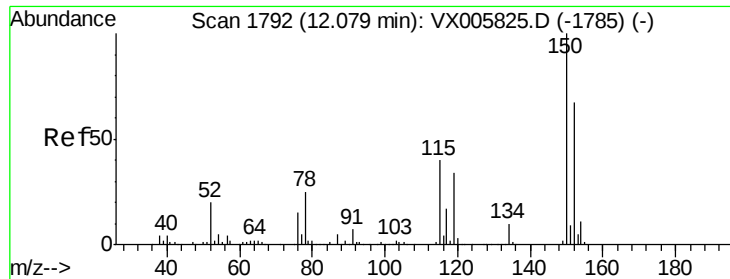
Tot Ion: 91 Resp: 38442
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 6.436 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion: 106 Resp: 12379
Ion Ratio Lower Upper
106 100
91 209.9 164.2 246.4



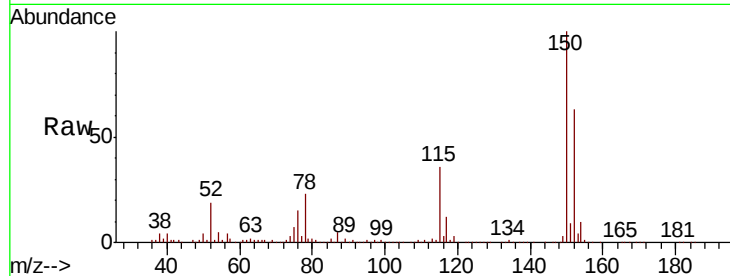


#72

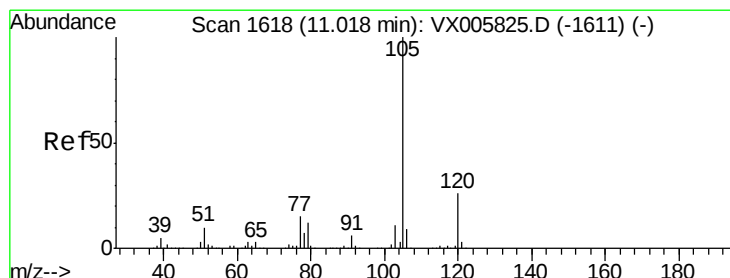
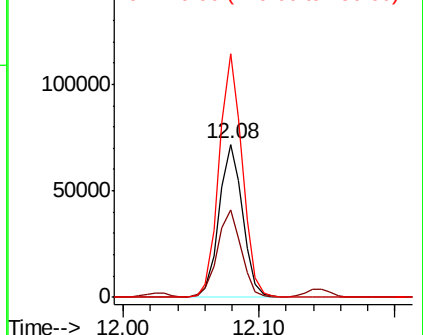
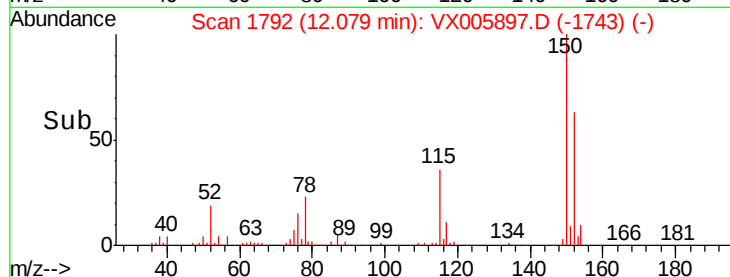
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion:152 Resp: 85381
Ion Ratio Lower Upper
152 100
115 58.5 39.4 118.1
150 157.7 0.0 346.4



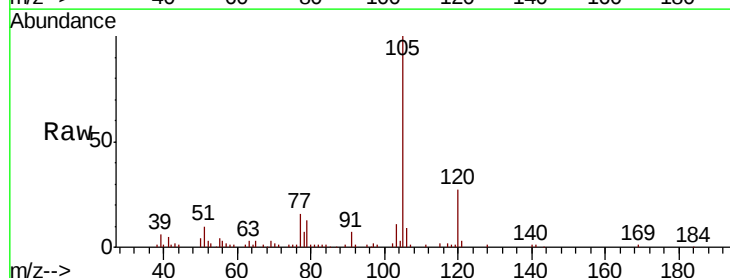
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



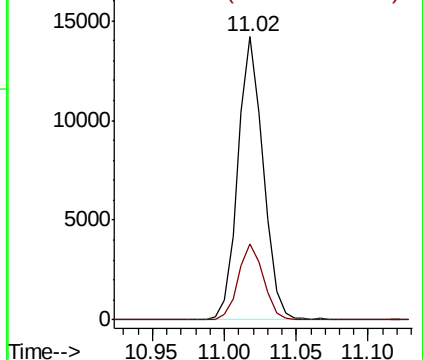
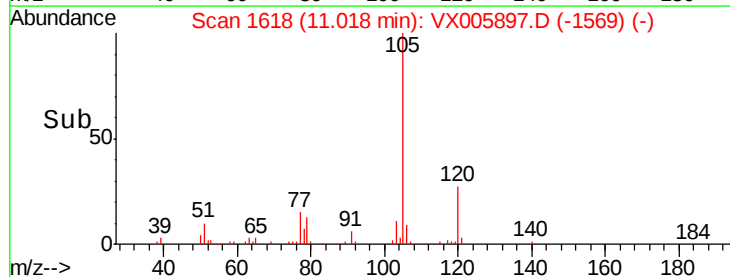
#73

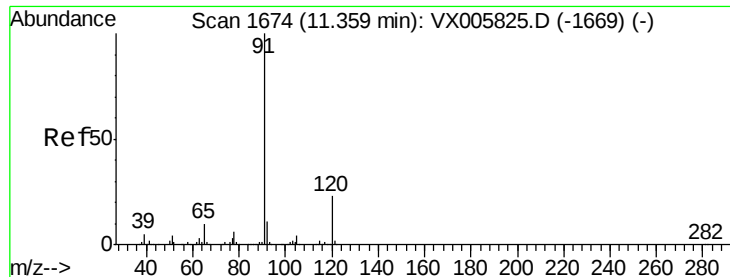
Isopropylbenzene
Concen: 3.519 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion:105 Resp: 17374
Ion Ratio Lower Upper
105 100
120 26.6 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: 7.552 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005897.D

Acq: 12 Nov 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

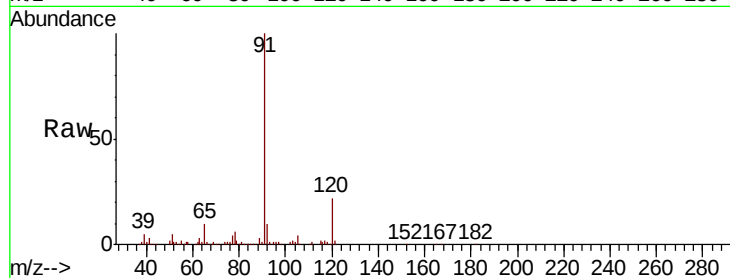
BOTTOM-BDL

Tot Ion: 91 Resp: 43947

Ion Ratio Lower Upper

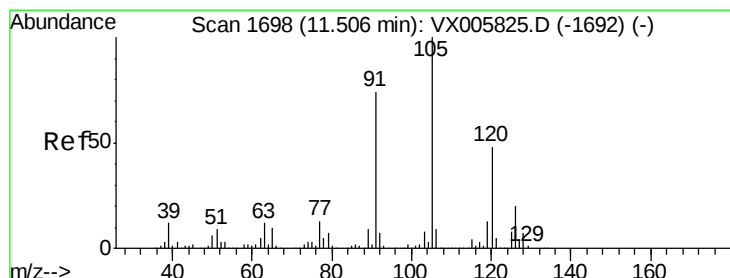
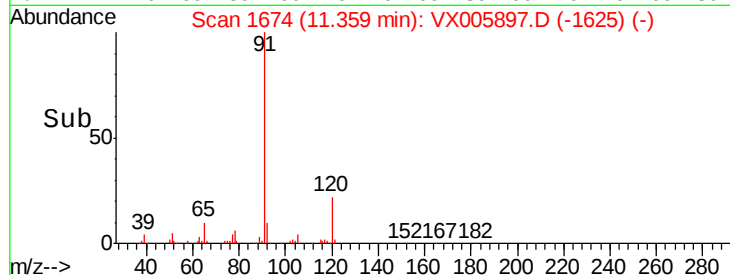
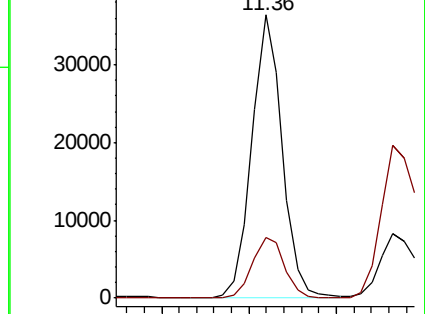
91 100

120 22.7 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: 21.525 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005897.D

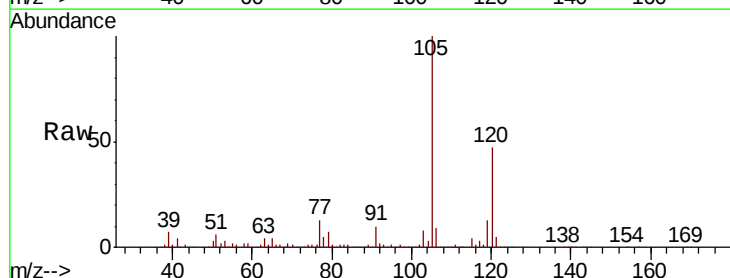
Acq: 12 Nov 2018 13:48

Tgt Ion:105 Resp: 90314

Ion Ratio Lower Upper

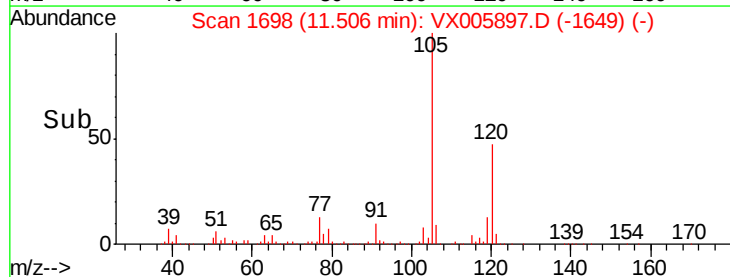
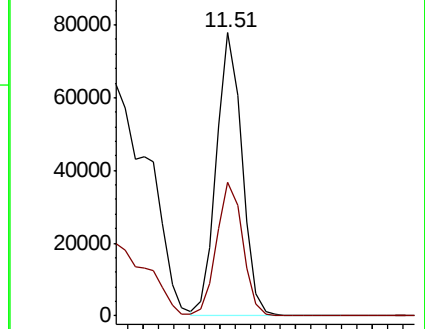
105 100

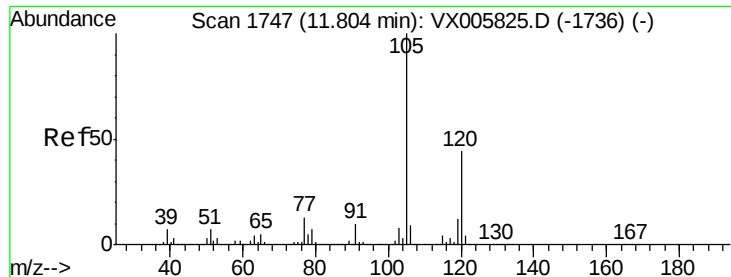
120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

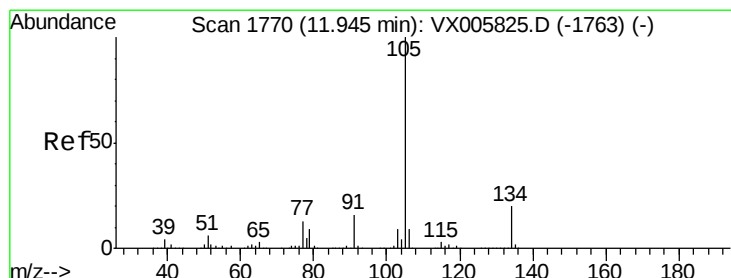
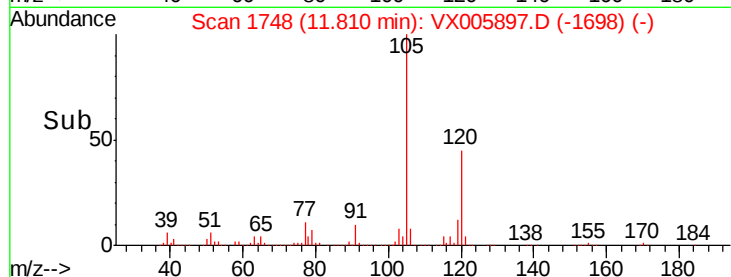
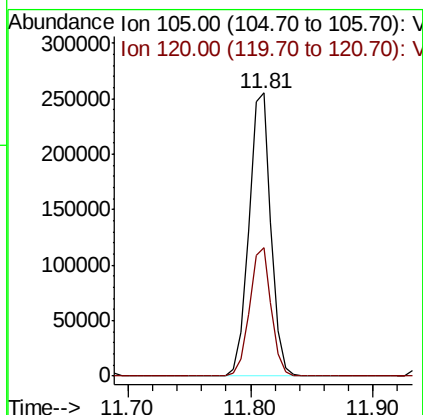
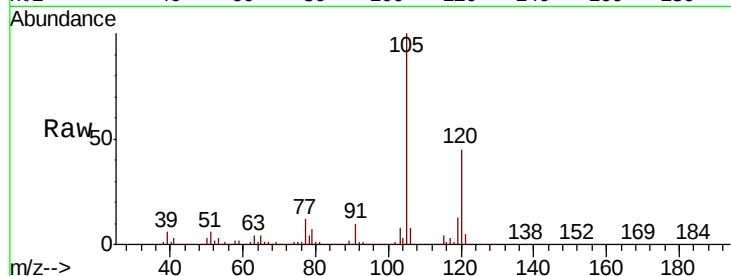




#84
 1,2,4-Trimethylbenzene
 Concen: 68.770 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

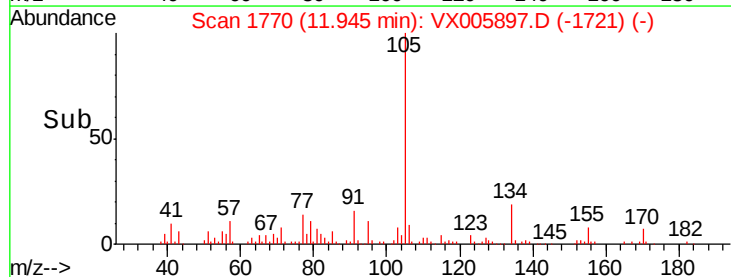
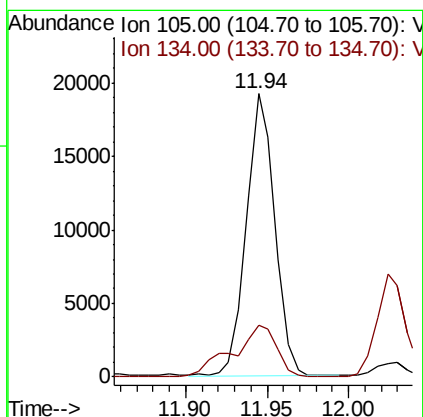
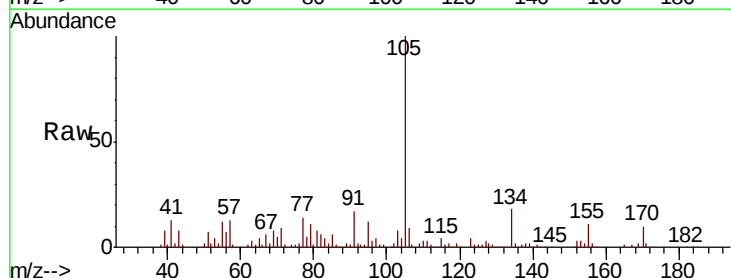
Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-BDL

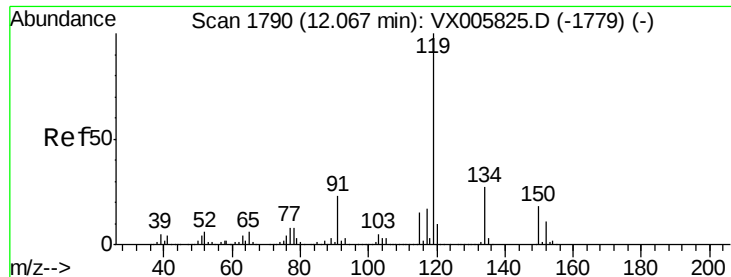
Tot Ion:105 Resp: 318228
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 4.502 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005897.D
 Acq: 12 Nov 2018 13:48

Tgt Ion:105 Resp: 23368
 Ion Ratio Lower Upper
 105 100
 134 28.4 10.2 30.4

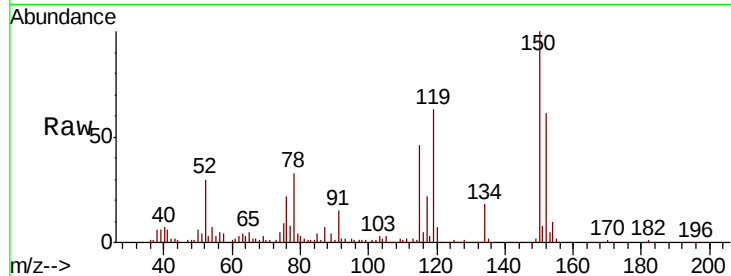




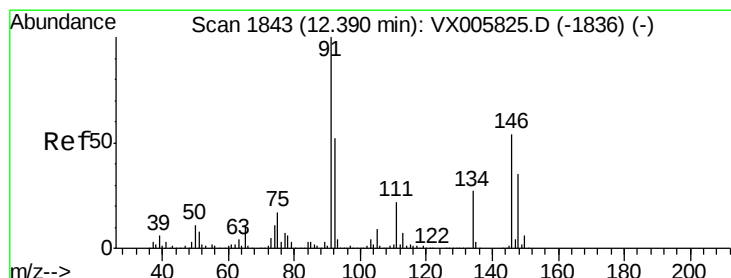
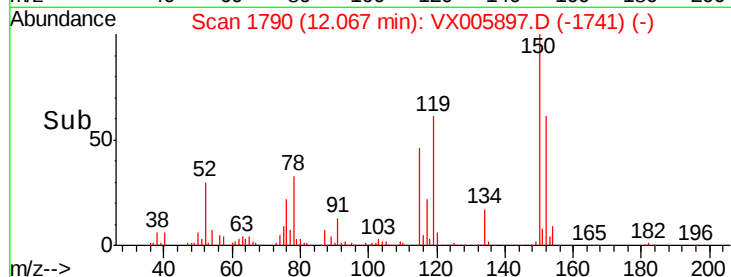
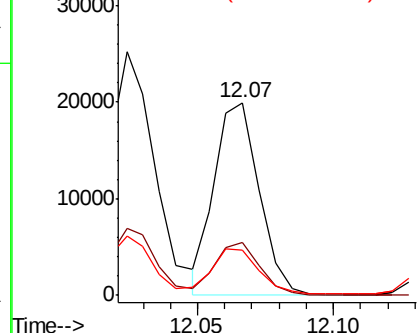
#86
p-Isopropyltoluene
Concen: 4.960 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion:119 Resp: 22807
Ion Ratio Lower Upper
119 100
134 27.8 13.0 39.0
91 25.3 11.4 34.2

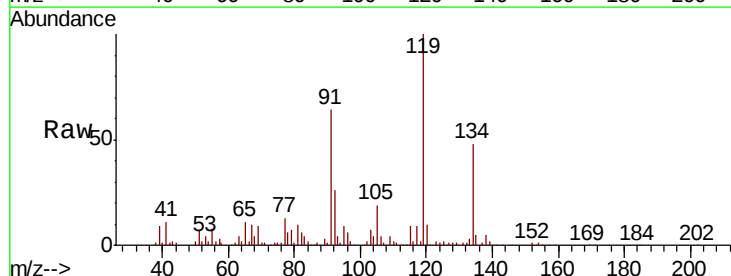


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

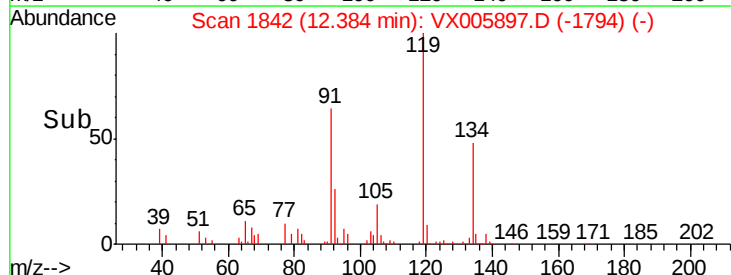
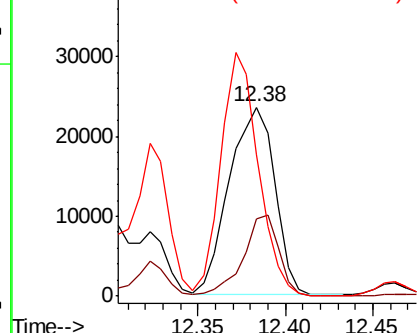


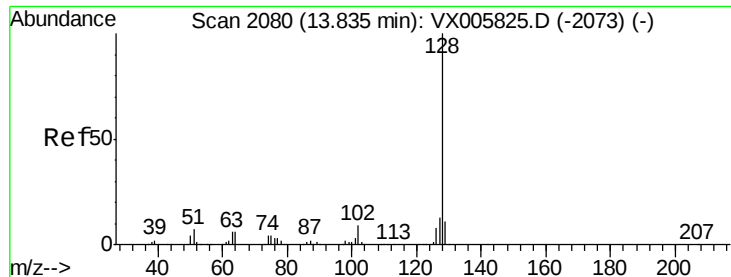
#89
n-Butylbenzene
Concen: 10.040 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Tgt Ion: 91 Resp: 42785
Ion Ratio Lower Upper
91 100
92 33.9 26.1 78.2
134 106.1 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

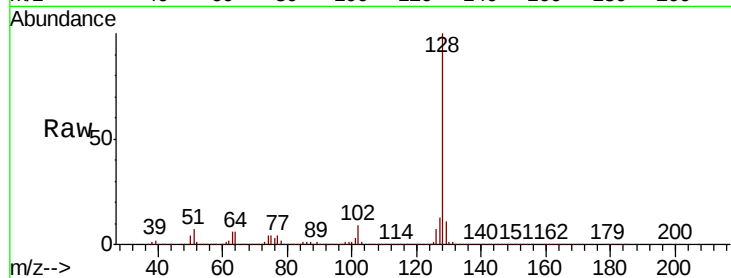




#95
Naphthalene
Concen: 65.794 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005897.D
Acq: 12 Nov 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-BDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.5	8.7	13.1



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

