

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004894.D
 Acq On : 02 Oct 2018 02:37
 Operator : JC/MD
 Sample : J5041-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0257DL

Quant Time: Oct 03 13:21:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

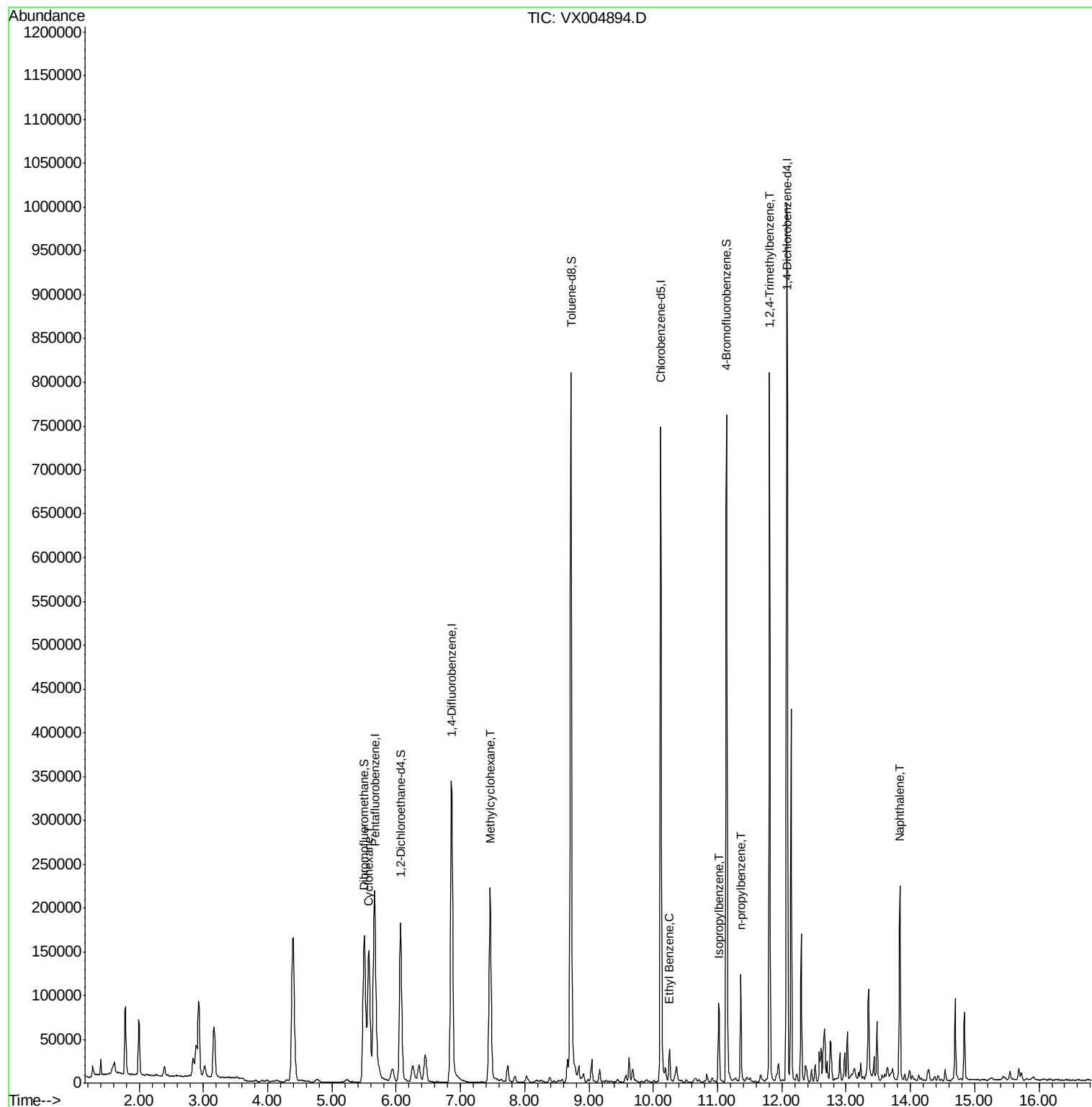
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172159	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
35) Dibromofluoromethane	5.50	113	143654	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	8.72	98	537167	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.14	95	196768	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	96723	23.004	ug/l	93
39) Methylcyclohexane	7.46	83	92588	21.423	ug/l	93
67) Ethyl Benzene	10.26	91	22298	1.530	ug/l	99
73) Isopropylbenzene	11.02	105	45621	3.461	ug/l	99
78) n-propylbenzene	11.36	91	71670	4.739	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	347601	27.812	ug/l	98
95) Naphthalene	13.83	128	135214	8.381	ug/l	98

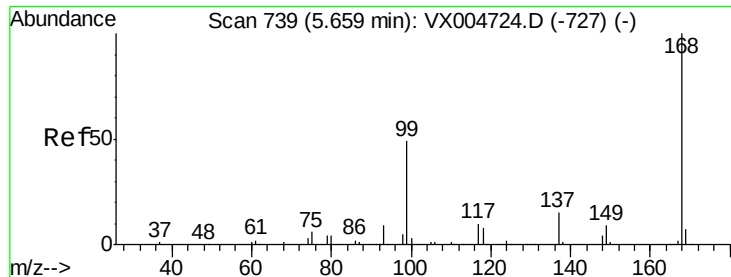
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
S13-0257DL

Quant Time: Oct 03 13:21:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

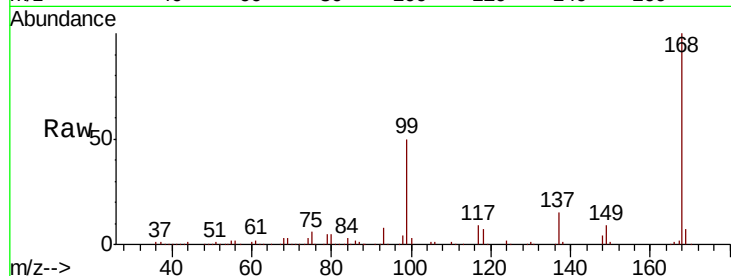
S13-0257DL

Tot Ion:168 Resp: 231337

Ion Ratio Lower Upper

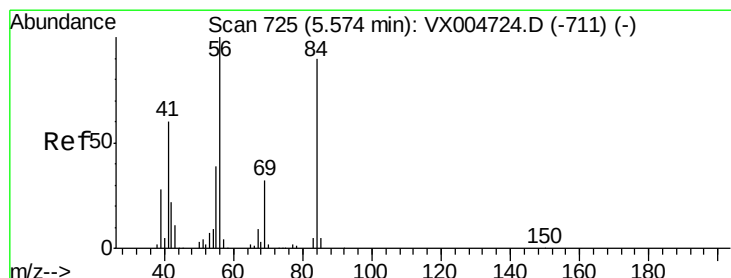
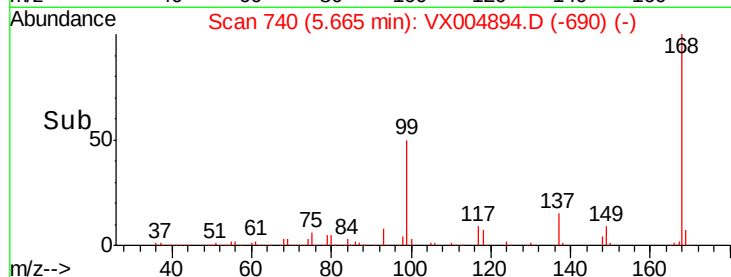
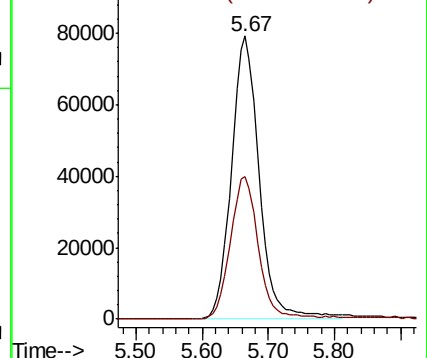
168 100

99 50.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 23.004 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

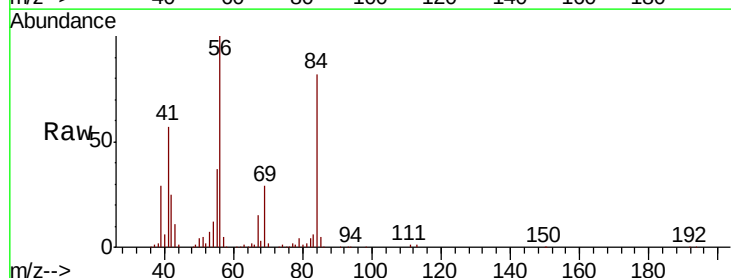
Tgt Ion: 56 Resp: 96723

Ion Ratio Lower Upper

56 100

69 28.6 25.4 38.2

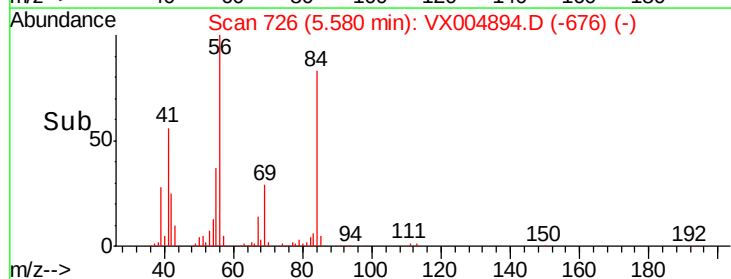
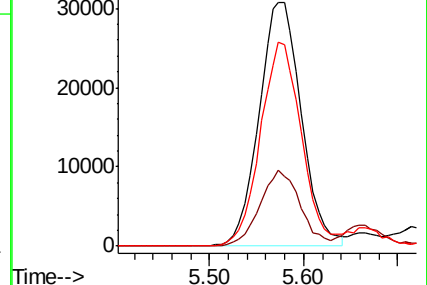
84 82.5 71.4 107.2

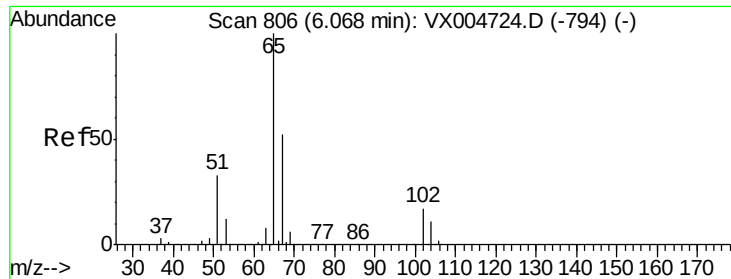


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

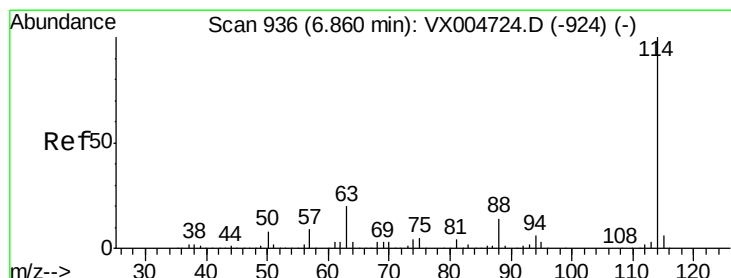
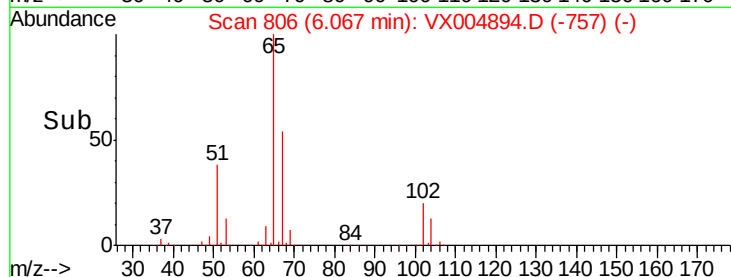
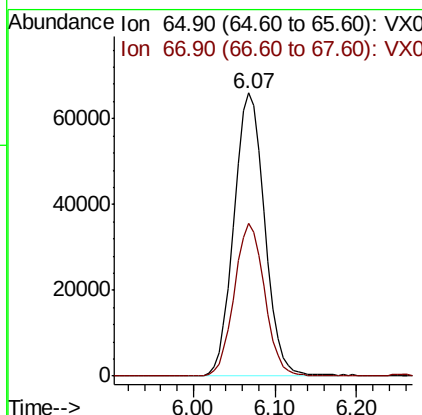
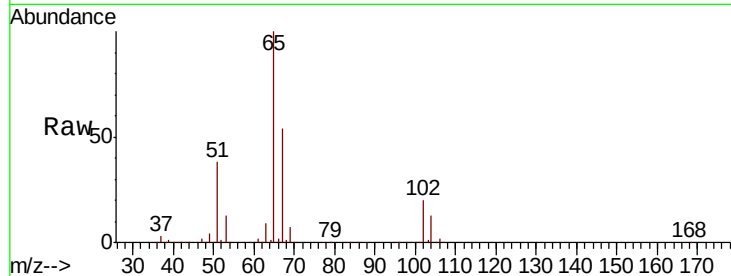




#33
 1,2-Dichloroethane-d4
 Concen: 52.096 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004894.D
 Acq: 02 Oct 2018 02:37

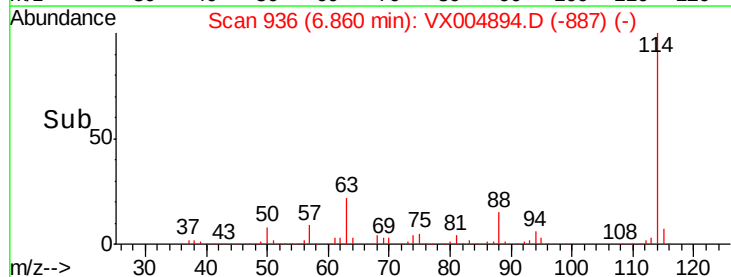
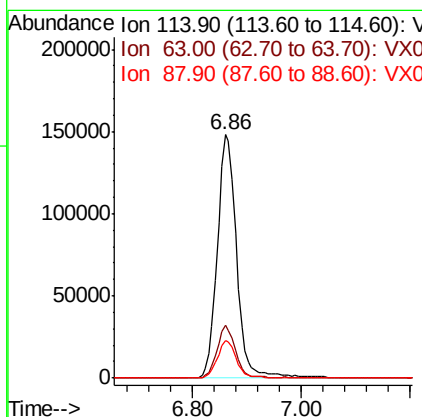
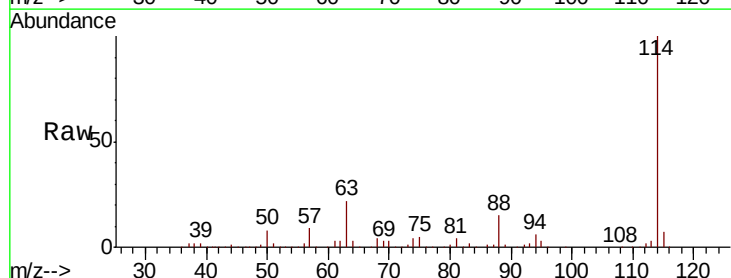
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0257DL

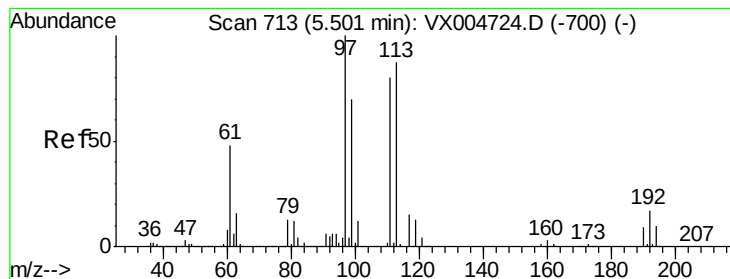
Tot Ion: 65 Resp: 172159
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004894.D
 Acq: 02 Oct 2018 02:37

Tgt Ion: 114 Resp: 366033
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.307 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

S13-0257DL

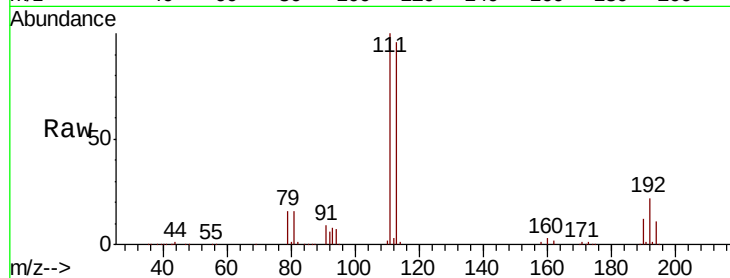
Tot Ion:113 Resp: 143654

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

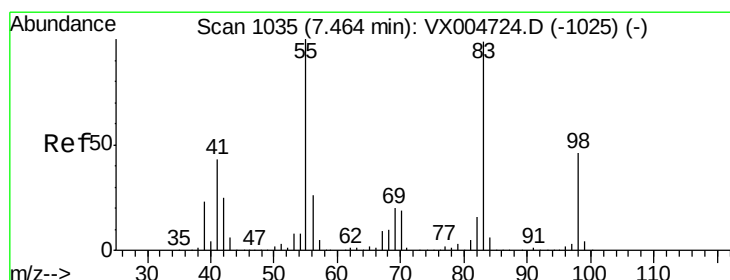
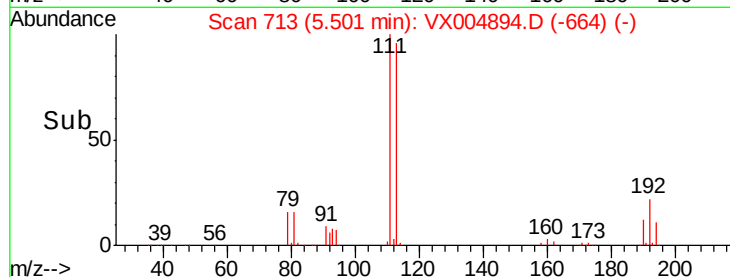
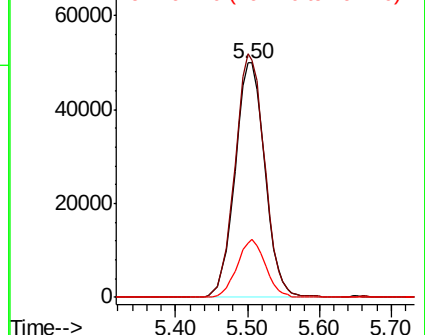
192 23.6 19.4 29.2



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: 21.423 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

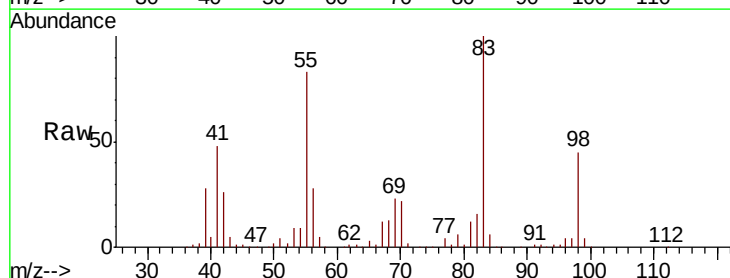
Tgt Ion: 83 Resp: 92588

Ion Ratio Lower Upper

83 100

55 83.2 61.0 91.4

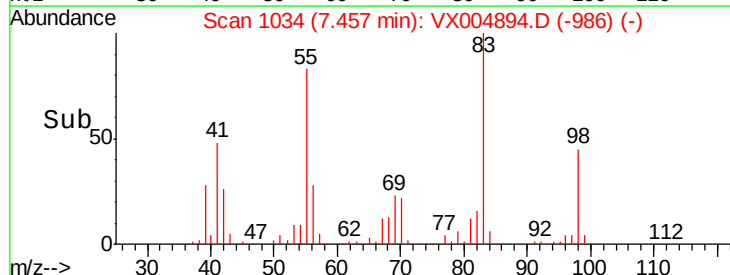
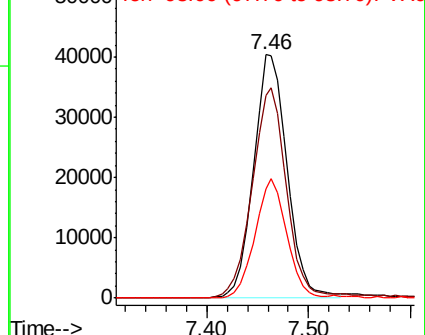
98 45.0 39.6 59.4

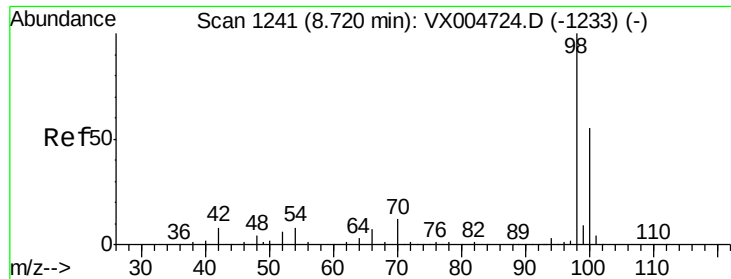


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

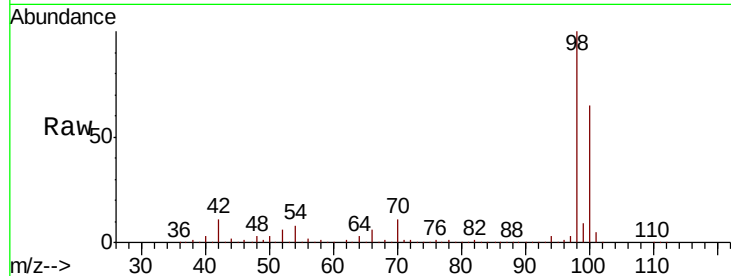




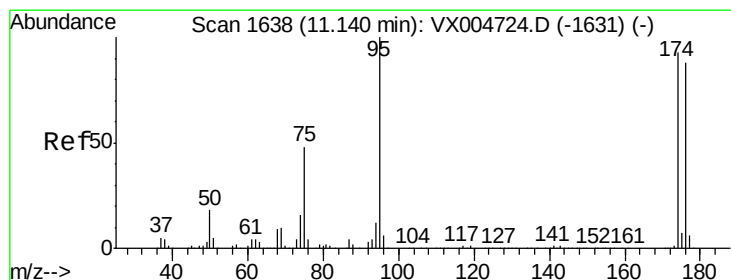
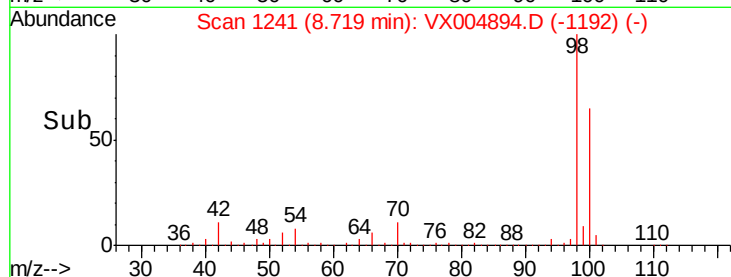
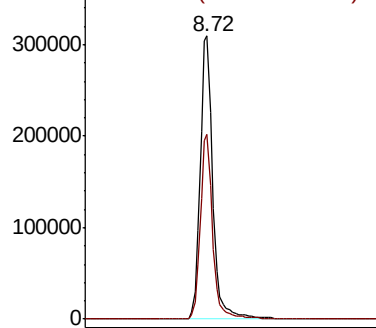
#50
Toluene-d8
Concen: 52.086 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Instrument :
MSVOA_X
ClientSampleId :
S13-0257DL

Tot Ion: 98 Resp: 537167
Ion Ratio Lower Upper
98 100
100 63.8 52.9 79.3

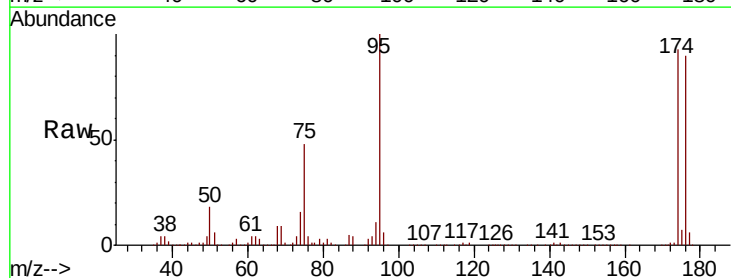


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

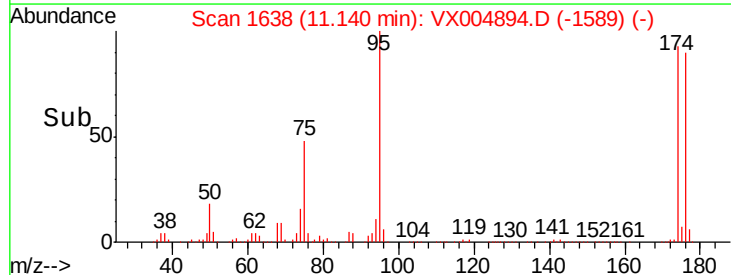
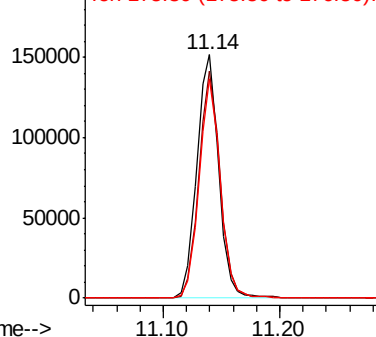


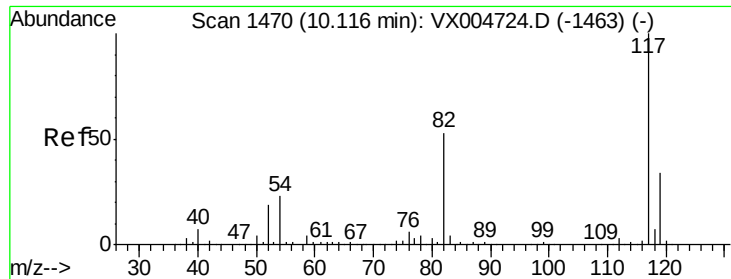
#62
4-Bromofluorobenzene
Concen: 52.960 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion: 95 Resp: 196768
Ion Ratio Lower Upper
95 100
174 91.3 0.0 185.2
176 87.5 0.0 178.6



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

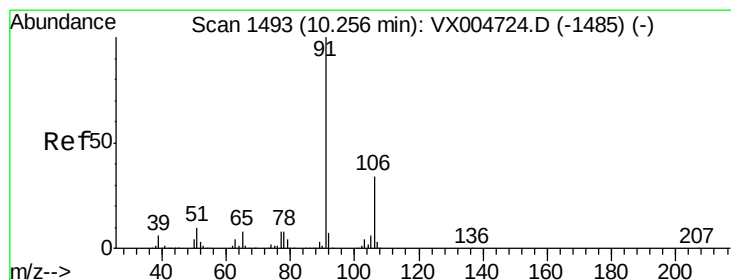
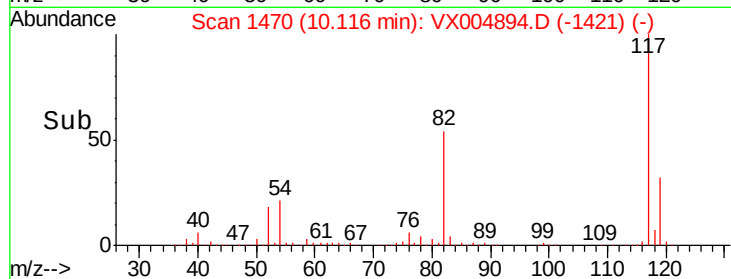
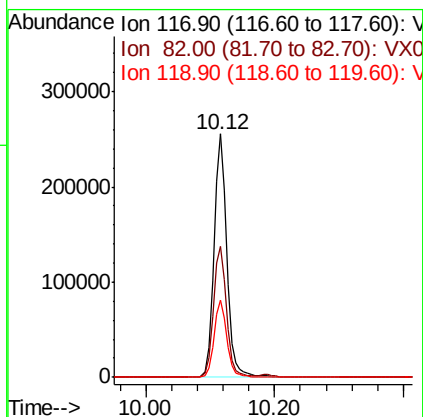
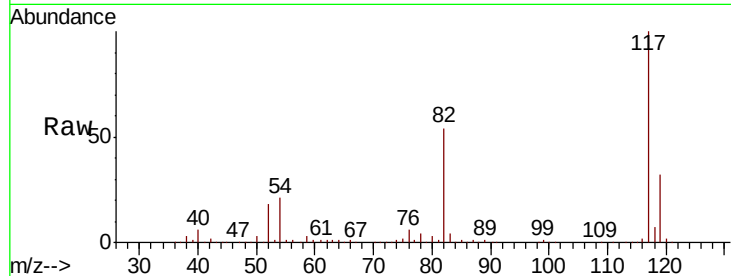




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

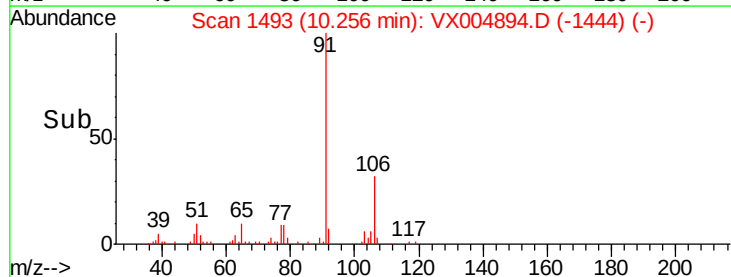
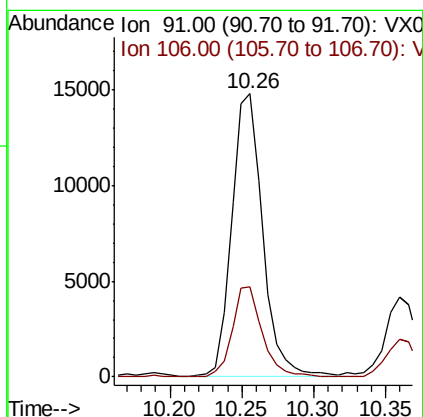
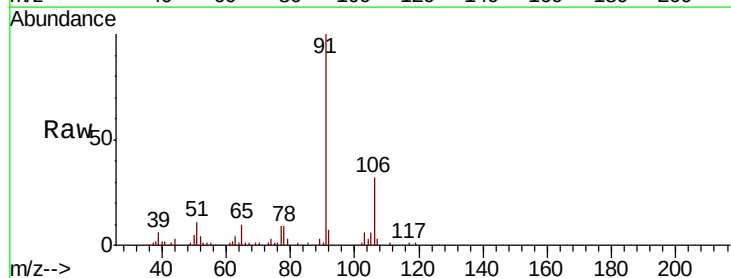
Instrument :
MSVOA_X
ClientSampled :
S13-0257DL

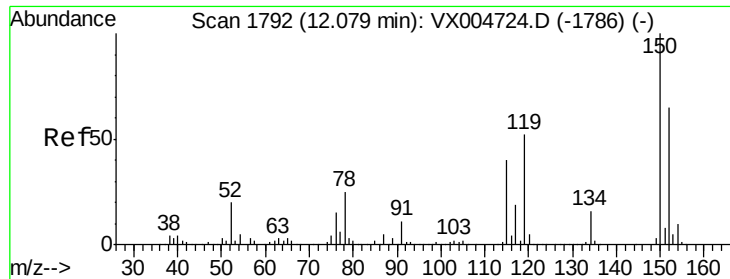
Tot Ion:117 Resp: 358084
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 31.9 29.3 43.9



#67
Ethyl Benzene
Concen: 1.530 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion: 91 Resp: 22298
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

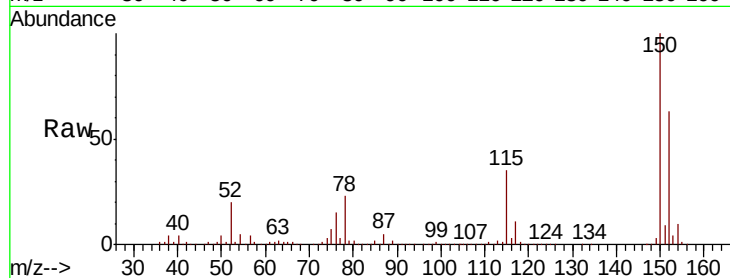




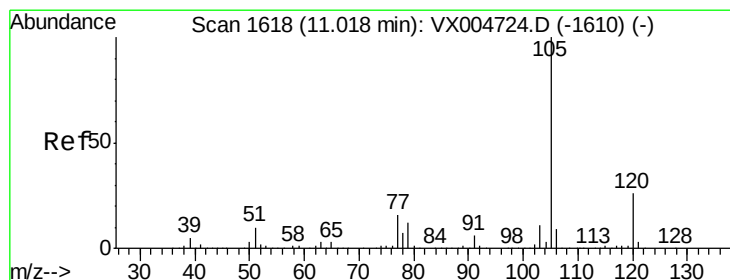
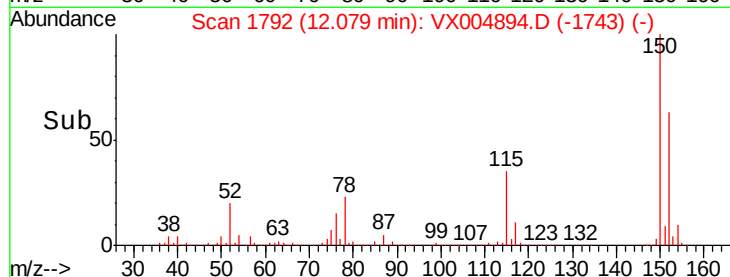
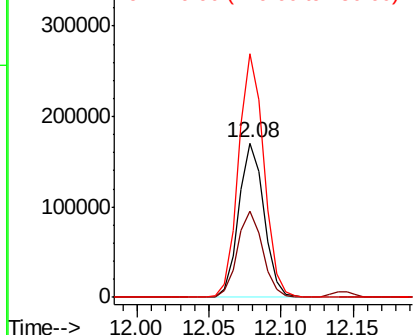
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004894.D
 Acq: 02 Oct 2018 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0257DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.0	117.0
150	158.2	0.0	351.0

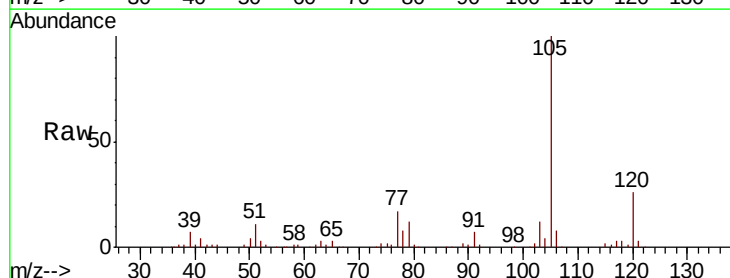


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

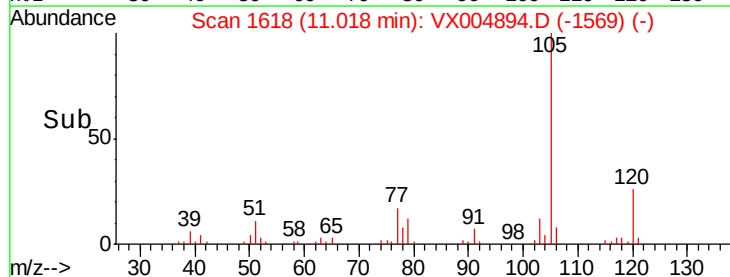
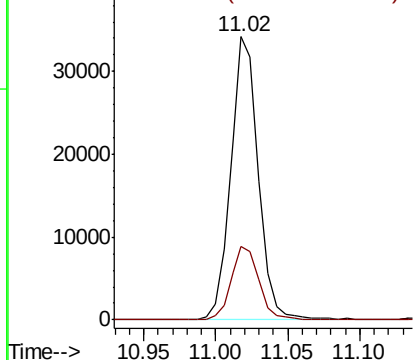


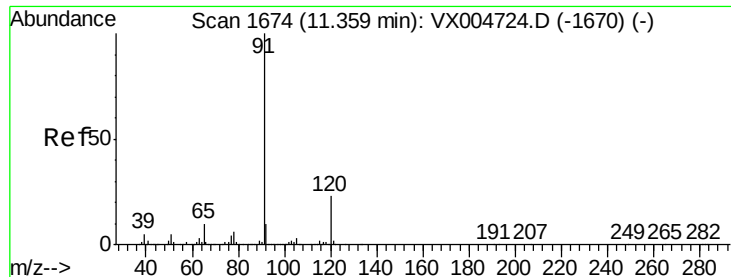
#73
 Isopropylbenzene
 Concen: 3.461 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX004894.D
 Acq: 02 Oct 2018 02:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	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: 4.739 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

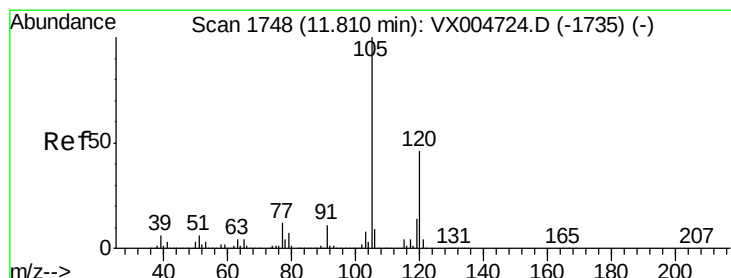
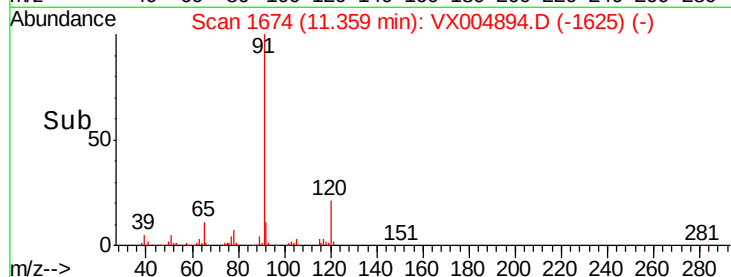
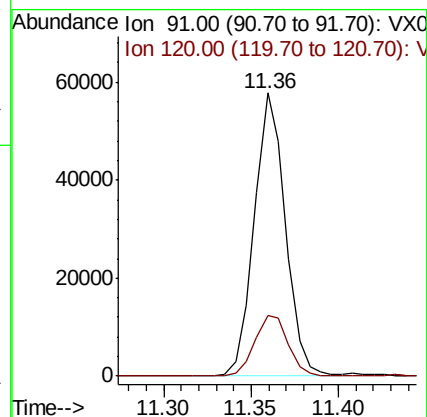
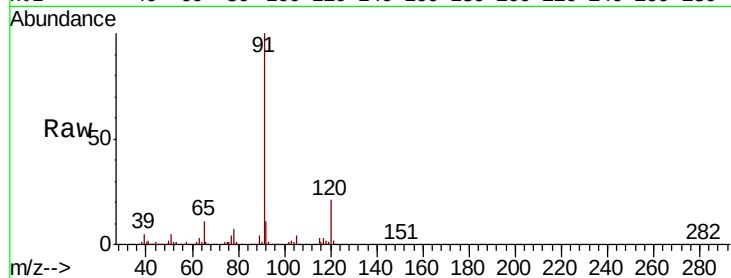
S13-0257DL

Tot Ion: 91 Resp: 71670

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.9



#84

1,2,4-Trimethylbenzene

Concen: 27.812 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004894.D

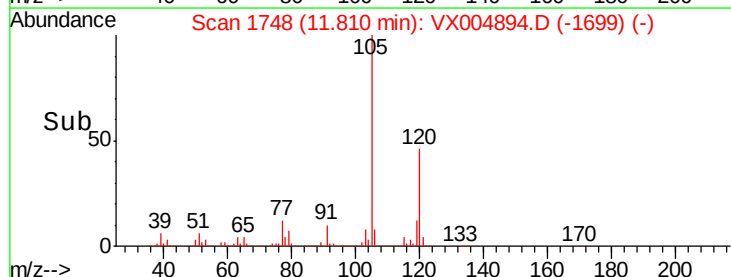
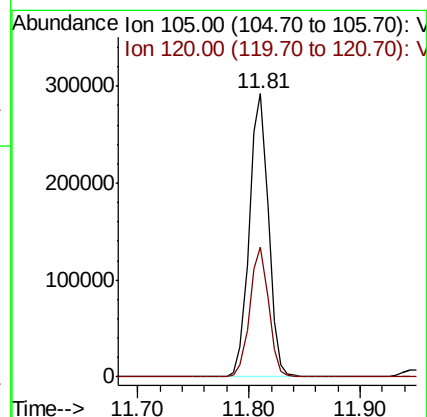
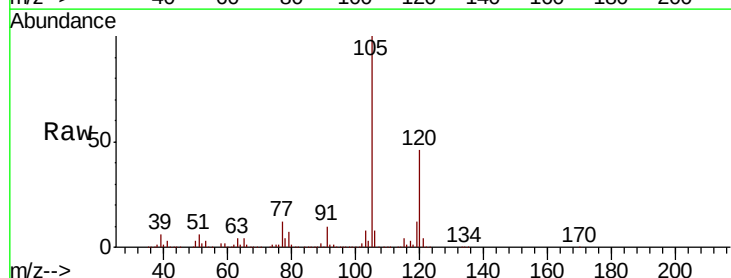
Acq: 02 Oct 2018 02:37

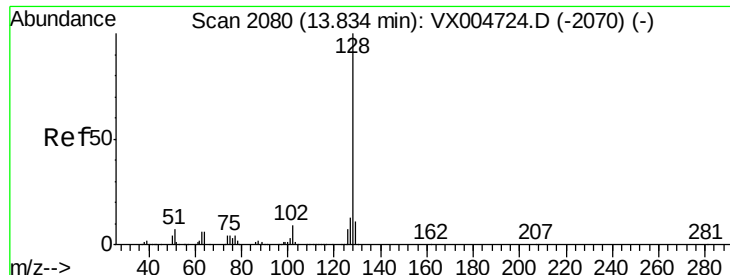
Tgt Ion: 105 Resp: 347601

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6





#95
Naphthalene
Concen: 8.381 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Instrument :
MSVOA_X
ClientSampleId :
S13-0257DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	11.0	8.6	12.8

